Grouse Bibliography

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Organized by genus

Bonasa* and *Tetrastes
Centrocercus
Dendragapus* and *Falcipennis
Lagopus
Tetrao* and *Lyrurus
Tympanuchus
general grouse
related topics

Note: I would welcome any other citations not listed here or links to other grouse-related bibliographical sources. Also, please alert me of any errors that are detected. This bibliography is always a "work in progress", and is updated as new information is available and time allows.

Bonasa and *Tetrastes* (Ruffed, Hazel, and Chinese Grouse)

Aberg, J. 1996. Effects of habitat fragmentation on Hazel Grouse (*Bonasa bonasia*) in boreal landscapes. Swedish University of Agricultural Sciences, Department of Wildlife Ecology, Report 32. 69pp.

Aberg, J. 2000. The occurrence of Hazel Grouse in the boreal forest; effects of habitat composition at several spatial scales. Ph. D. dissertation. Swedish University of Agricultural Science, Uppsala. 108pp.

Aberg, J., G. Jansson, J. E. Swenson, and P. Angelstam. 1995. The effect of matrix on the occurrence of Hazel Grouse (*Bonasa bonasia*) in isolated habitat fragments. Oecologia 103:265-269.

Aberg, J., G. Jansson, J. E. Swenson, and P. Angelstam. 1996. The effect of matrix on the occurrence of Hazel Grouse in isolated habitat fragments. Grouse News 11:22.

Aberg, J., G. Jansson, J. E. Swenson, and G. Mikusinski. 2000. Difficulties in detecting habitat selection by animals in generally suitable areas. Wildlife Biology 6:89-99.

Aberg, J, J. E. Swenson, and H. Andren. 2000. The dynamics of Hazel Grouse (*Bonasa bonasia* L.) occurrence in habitat fragments. Canadian Journal of Zoology 78:352-358.

Aberg, J., J. E, Swenson, and P. Angelstam. 2003. The habitat requirements of Hazel Grouse (*Bonasa bonasia*) in managed boreal forest and applicability of forest stand descriptions as a tool to identify suitable patches. Forest Ecology and Management 175:437-444.

Adams, D. A. 1960. Communal courtship in Ruffed Grouse, *Bonasa umbellus* L. Auk 77:86-87.

Adams, D. W. 2003. A habitat-based viability study for Ruffed Grouse (*Bonasa umbellus*) in Illinois. M. Sc. Thesis. Southern Illinois University, Carbondale.

Adams, H. P. 1953. A summer survey of deer and grouse in the Arnot area. M. Sc. Thesis. Cornell University.

Addy, C. E. 1940. The ecological factors affecting the distribution and abundance of the Ruffed Grouse in Virginia. M. Sc. Thesis. Virginia Polytech University.

Ahnlund, H., and B. Helander. 1975. The food of the Hazel Grouse (*Tetrastes bonasia*) in Sweden. Viltrevy 9:221-240.

Alamargot, J. 1972. Splanchnologie topographique, notes ostéologiques et myologiques de la gélinotte huppée (*Bonasa umbellus* L. 1958). [Topographic characteristics, osteological and myologic notes of the Ruffed Grouse (*Bonasa umbellus* L. 1958). M. Sc. Thesis. University of Montreal. (in French).

Aldrich, J. W., and H. Friedmann. 1943. A revision of the Ruffed Grouse. Condor 45:85-103.

Alimpev, I. V., and S. N. Postnikov. 1988. [The influence of timber felling and cattle grazing on the dwelling environment of grouse in the mountain-forest zone of Chelyabinsk region.] Ekologiya ptits Volzhsko-Uralskogo regiona. [Ecology of birds of the Volga-Uralsk region.] Pages: 4-6

Allan, T., and S. Allan. 1986. Common Raven attacks Ruffed Grouse. Jack-Pine

Warbler 64:43-44.

Allen, A. A. 1934. Sex rhythm in the Ruffed Grouse (*Bonasa umbellus* Linn.) and other birds. Auk 51:180-199.

Allen, A. A. 1934. Breeding season behaviour of the Ruffed Grouse. Transactions of the American Game Conference 20:311-322.

Almasan, H., and S. Kohlmann. 1989. Uber die taxonomische stellung des Karpatischen Haselhuhnes – *Bonasa bonasia* (L.). [The taxonomic position of the Karpati Hazel Grouse – *Bonasa bonasia* (L.)]. Travaux du Museum National d'Historie Naturelle Grigore Antipa 30:231-243. (in German).

Amman, G. A. 1961. Final summary of the Ruffed Grouse brood survey. Michigan Department of Conservation, Game Division.

Allin, A. E. Fluctuations in the Ruffed Grouse pooulation of the Thunder Bay district, Ontario. Loon 36:74-83.

Allison, D. G. 1963. Basic features of the New Hampshire Ruffed Grouse census. Journal of Wildlife Management 27:614-616.

Ammann, G. A. 1950. A ten year comparison of the Ruffed Grouse kill in Michigan, Minnesota, and Wisconsin. Michigan Departement of Conservation, Game Division Report 1096. 2pp.

Ammann, G. A., and W. L. Palmer. 1958. Ruffed Grouse introductions on Michigan islands. Journal of Wildlife Management 22:322-325.

Ammann, G. A., and L. A. Ryel. 1963. Extensive methods of inventorying Ruffed Grouse in Michigan. Journal of Wildlife Management 27:617-633.

Anderson, L. R. 1972. An ecological analysis of Ruffed Grouse drumming logs in a Northern Boreal Forest. M. A. Thesis. St. Mary's University of Minnesota.

Andreev, A. V. 1977. [Temperature conditions in snow burrows of the Hazel Grouse (*Tetrastes bonasia kolymensis*).] Ecology 5:93-95. (in Russian)

Andreev, A. 1978. Temperature conditions in snow cavities of the Hazel Grouse (*Tetrastes bonasia kolymensis* But.). Soviet Journal of Ecology 9:454-455.

Andreev, A. V., and A. V. Krechmar. 1976. [Radiotelemetric study of microclimate in snow resting places of *Tetrastes bonasia sibericus*.] Zoologicheskii Zhurnal 55:1113-1114. (in Russian with English summary).

Archibald, H. L. 1973. Spring drumming and space use of Ruffed Grouse. M. Sc.

Thesis.

Archibald, H. L. 1974. Directional differences in the sound intensity of Ruffed Grouse drumming. Auk 91:517-521.

Archibald, H. L. 1975. Temporal patterns of spring space use by Ruffed Grouse. Journal of Wildlife Management 39:472-481.

Archibald, H. L. 1976. Spatial relationships of neighboring male Ruffed Grouse in spring. Journal of Wildlife Management 40:750-760.

Archibald, H. L. 1976. Spring drumming patterns of Ruffed Grouse. Auk 93:808-829.

Arthaud, G. J. 1991. Aspen timber value and Ruffed Grouse habitat: economic trade-offs considering spatial and temporal dimensions. Ph. D. Dissertation. University of Minnesota. 133pp.

Artuso, I. 1995. Distribution of grouse in the Italian Alps (1988-1992). Proceedings of the International Grouse Symposium 6:129-130.

Aschenbrenner, H., H. Bergmann, and F. Muller. 1978. Gefangenschaftsbrut beim hazelhuhn (*Bonasa bonasia* L.) [Brood size in Hazel Hen (*Bonasa bonasia* L.)]. Pirsch 30:70-75. (in German).

Aschenbrenner, H., and W. Scherzinger. 1978. Wenn der hazelhuhn baltz. Pirsch – Der Deutche Jager, vol. 19. (in German).

Atwater, S., and J. Schnell. 1989. Ruffed Grouse. Stackpole Books, Harrisburg, PA. 370pp.

Aubin, A. E. 1970. Territory and territorial behavior of male Ruffed Grouse in southwestern Alberta. M. Sc. Thesis. University of Alberta, Edmonton.

Aubin, A. E. 1972. Aural communication in Ruffed Grouse. Canadian Journal of Zoology 50:1225-1229.

Aubry, K., C. Chartier, I. Chartier, and C. Desrosiers. 1992. Étude de la population de gélinottes huppées (*Bonasa umbellus*) sur la Réserve faunique de Rimouski: automne 1992. [Study of the population of Ruffed Grouse (*Bonasa umbellus*) on the faunal Reserve of Rimouski: autumn 1992.] Université du Québec à Rimouski. (in French).

Audet, G. 1995. Étude de la population de gélinottes huppées (*Bonasa umbellus*) sur la réserve faunique de Rimouski: automne 1995. [Study of the population of Ruffed Grouse (*Bonasa umbellus*) on the faunal reserve of Rimouski: autumn 1995.] Université du Québec à Rimouski. (in French).

Baba, Y., Y. Fujimaki, S. Klaus, O. Butorina, S. Drovetskii, and H. Koike. 2002. Molecular population phylogeny of Hazel Grouse *Bonasa bonasia* in East Asia inferred from mitochondrial control-region sequences. Wildlife Biology 8:251-259.

Baba, Y., Y. Fujimaki, and H. Koike. 2000. Genetic diversity and gene flow of the Hazel Grouse *Bonasa bonasia* in Japan. Japanese Journal of Ornithology 48:47-60.

Baba, Y., Y. Fujimaki, R. Yoshii, and H. Koike. 2001. Genetic variability in the mitochondrial control region of the Japanese Rock Ptarmigan *Lagopus mutus japonicus*. Japanese Journal of Ornithology 50:53-64.

Baba, Y., H. Koike, T. Okayama, and Y. Fujimaki. 1997. Mitochondrial DNA analysis using feathers of Rock Ptarmigan *Lagopus mutus japonicus* and Hazel Grouse *Bonasa bonasia* in Japan. Wildlife Biology 3:277.

Back, G. N. 1982. Impacts of management for Ruffed Grouse and pulpwood on nongame birds. Ph. D. Dissertation. University of Minnesota.

Backs, S. E. 1979. Characteristics of brood habitat of Ruffed Grouse *(Bonasa umbellus*) in Grafton, Vermont. M. Sc. Thesis. University of Vermont.

Backs, S. E. 1984. Ruffed Grouse restoration in Indiana. Pages 37-58 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Backs, S. E. 1984. The historic and present distribution of Ruffed Grouse in Indiana. Proceedings of the Indiana Academy of Science 92:161-166.

Backs, S. E., S. T. Kelly, and P. D. Major. 1984. Characteristics of drumming habitat of Ruffed Grouse in Indiana. Proceedings of the Indiana Academy of Science 94:227-230.

Bai-Ran, Yang. 1993. [On food features and nutrient analysis of Hazel Grouse in bud-feeding periods.] Acta Zoologica Sinica 39:48-55. (in Chinese with English summary).

Bailey, W. J. 19XX. A population study of the Ruffed Grouse ("*Bonasa umbellus* subsp".) in Central Pennsylvania. M. Sc. Thesis. Pennsylvania State University.

Bailey, W. L., W. M. Sharp, R. B. Hazel, and G. Davis. 1955. Foot habit trends of Ruffed Grouse in Centre County "Barrens." Pennsylvania State University, Agricultural Experimental Station Bulletin 604. 18pp.

Bakke, E. L. 1980. Movements and habitat use of Ruffed Grouse in the Turtle Mountains, North Dakota. M. Sc. Thesis. University of North Dakota, Grand Forks.

Bakke, E. 1981. Ruffed Grouse research in the Turtle Mountains: a review. North Dakota Outdoors 43(9):3-5.

Bakke, E. L., and J. W. Shulz. 1985. Movements and habitat use of male Ruffed Grouse in the Turtle Mountains, North Dakota. Prairie Naturalist 17:177-184.

Balzer, C. C. 1995. Survival, hunting mortality, and natality of Ruffed Grouse in northwestern Wisconsin. M. Sc Thesis. University of Wisconsin, Madison.

Banasiak, C. F. 1951. Ruffed Grouse, *Bonasa umbellus umbellus* (Linne), populations and cover use on two areas in central Massachusetts. M. Sc. Thesis. University of Massachusetts, Amherst.

Bangs, O. 1912. A new subspecies of the Ruffed Grouse. Auk 29:378-379.

Bannikov, A. G. 1957. Notes on winter food of the Hazel-Grouse and the Daurian Partridge in the Kentei Mountains. Uchen. Zap. Moscow gor. ped. Inst. Zool. 65(6):89-94.

Barker, I. K., A. Garbutt, and A. L. Middleton. 1984. Endogenous development and pathogenicity of *Eimeria angusta* in the Ruffed Grouse, *Bonasa umbellus*. Journal of Wildlife Diseases 20:100-107.

Barr, K. 1994. Ruffed Grouse dance. Blue Jay 52(1):43-44.

Barrett, R. W. 1970. Behavior of Ruffed Grouse during the breeding and early brood rearing periods. Ph. D. Dissertation. University of Minnesota, St. Paul.

Baumgartner, F. M. 1939. An analysis of Ruffed Grouse censuses in Mighigan. Unpublished Report, Michigan Department of Conservation. Report number 401. 18pp.

Beaudry, F., D. Bourget, and G. Lapierre. 1997. Étude de la population de gélinottes huppées (*Bonasa umbellus*) sur la réserve faunique de Rimouski: automne 1997. [Study of the population of Ruffed Grouse (*Bonasa umbellus*) on the faunal reserve of Rimouski: autumn 1997.] Université du Québec à Rimouski. (in French).

Beckerton, P. R. A. 1981. Effects of five dietary protein levels on reproduction of Ruffed Grouse. M. Sc. Thesis. University of Guelph.

Beckerton, P. R., and A. L. A. Middleton. 1982. Effects of dietary protein levels on Ruffed Grouse reproduction. Journal of Wildlife Management 46:569-579.

Beckerton, P. R., and A. L. A. Middleton. 1983. Effects of dietary protein levels on body weight, food consumption, and nitrogen balance in Ruffed Grouse. Condor 85:53-60.

Beer, J. R., and W. Tidyman. 1942. The substitution of hard seeds for grit. Journal of Wildlife Management 6:70-82.

Beick, W. 1927. Die Eier von *Tetrastes seversowi* Prezw. [The eggs of T*etrastes seversowi* Prezw.] Ornithologische Monatsbericht 35:176-177. (in German).

Belig, W. H. 1960. Ruffed Grouse, *Bonasa umbellus umbellus* (Linne). Population and cover use in Western Massachusetts. M. Sc. Thesis. University of Massachusetts.

Bendell, J. F. 1997. Predation and change in weight of chicken eggs in forests with different densities of Spruce *Dendragapus canadensis* and Ruffed Grouse *Bonasa umbellus*. Wildlife Biology 3:281. Abstract only.

Bendell, J. F., and L. I. Bendell-Young. 1995. Populations and habitats of snowshoe hares, Ruffed and Spruce Grouse in the southern boreal pine forest of Ontario. Proceedings of the 6th. International Grouse Symposium. Pp. 1-11.

Bendell, J. F., and L. I. Bendell-Young. 2000. Eggs of Spruce Grouse lose water faster than eggs of Ruffed Grouse. Grouse News 20:11-13.

Bendell, J. F. S., and C. D. Fowle. 1950. Some methods of trapping and marking Ruffed Grouse. Journal of Wildlife Management 14:480-482.

Bendell, J. F., and F. C. Zwickel. 1979. Problems in the abundance and distribution of Blue, Spruce, and Ruffed Grouse in North America. Pp. 48-63 *in* T. W. I. Lovel, *ed*. Woodland Grouse Symp., Culloden House, Inverness, Scotland.

Bendell-Young, L. I., and J. F. Bendell. 2006. Eggs of Spruce Grouse dry faster than those of Ruffed Grouse. Canadian Journal of Zoology 84:1688-1692.

Benz, F. 2000. Effet de coupes en damiers sur l'utilisation de l'habitat par le gélinotte huppée (*Bonasa umbellus*) et le lièvre d'Amérique (*Lepus americanus*) dans la sapinière à bouleau jaune. [Effect of selective cuts on the use of the habitat by the Ruffed Grouse (*Bonasa umbellus*) and the American hare (*Lepus americanus*) in the fir plantation with yellow birch.] M. A. Thesis, Université du Québec à Rimousk. (in French).

Berg, W. E. 1979. Ruffed Grouse drumming count, spring 1979. Minnesota Wildlife Research Job Progress Repoert. 18pp.

Bergmann, H.-H. 1996. Die Haselhühner: *Bonasa bonasia* und *B. sewerzowi*: Haselhuhn und Chinahaselhuhn. [The Hazel Grouse: *Bonasa bonasia* and *B. sewerzowi*: Hazel Grouse and Chinese Grouse.] Magdeburg: Westarp Wissenschaften 278 pp. (in German)

Bergmann, H.-H. 2006. Haselhuhn (*Tetrastes bonasia*) - Nachweismethoden im Gelaende. [The Hazel Grouse (*Tetrastes bonasia*) - field identification methods.]. Vogelkundliche Hefte Edertal 32:13-21. (in German).

Bergmann, H. H., and S. Klaus. 1994. Distribution, status and limiting factors of Hazel Grouse (*Bonasa bonasia*) in Central Europe, particularly in Germany. Gibier Faune Sauvage, Game and Wildlife 11:5-32.

Bergmann, H. H., and S. Klaus. 1994. Restoration plan for the Hazel Grouse (*Bonasa bonasia*) in Germany. Gibier Faune Sauvage 11:35-54.

Bergmann, H.-H., S. Klaus, F. Muller, W. Scherzinger, J. E. Swenson, and J. Wiesner. 1996. Die Haselhuhner. [The Hazel Hen.] Westarp Wissenschaften, Magdeburg, Germany. 278pp. (in German).

Bergmann, H. H., S. Klaus, F. Muller, and J. Wiesner. 1975. Individualität und artspezifität in den gesangsstrophen einer population des Haselhuhns (*Bonasa bonasia bonasia* L., Tetraoninae, Phasianidae). [Individuality and type specificity in the songs of a population of Hazel Grouse (*Bonasa bonasia bonasia* L., Tetraoninae, Phasianidae)]. Behaviour 55:94-114. (in German)

Berkeley, L. I. 2010. The influence of habitat, female preference and male behavior on male territory selection in Ruffed Grouse: a novel approach. Grouse News 39:19-23.

Bernard-Laurent, A., and Y. Magnani. 1994. Statut, evolution et facteurs limitant les populations de gelinotte des bois *Bonasa bonasia* en France: synthese bibliographique. [Status, evolution and factors limiting the populations of Hazel Grouse *Bonasa bonasia* in France: bibliographical synthesis.] Gibier Faune Sauvage 11:5-38. (in French).

Berner, A. H. 1969. Habitat analysis and management considerations for Ruffed Grouse on a multiple use area in Michigan. Ph. D. Dissertation. Michigan State University.

Berner, A., and L. W. Gysel. 1969. Habitat analysis and management considerations for Ruffed Grouse for a multiple use area in Michigan. Journal of Wildlife Management 33:769-778.

Beshkarev, A. B., A. Blagovidov, S. Sokolski, and O. Hjeljord. 1995. Populations of

Capercaillie and Hazel Grouse in large natural and logged forests in northern Russia, 1950-92. Proceedings of the 6th International Grouse Symposium 6:12-18.

Beshkarev, A. B., J. E. Swenson, P. Angelstam, H. Andren, and A. B. Blagovidov. 1994. Long-term dynamics of Hazel Grouse populations in source- and sink-dominated pristine taiga landscapes. Oikos: 71:375-380.

Beshkarev, A. B., J. E. Swenson, P. Angelstam, H. Andren, and A. B. Blagovidov. 1996. Long-term dynamics of Hazel Grouse populations in source- and sink-dominated pristine taiga landscapes. Grouse News 11:23.

Bezdek, H. 1944. Sex ratios and color phases in two races of Ruffed Grouse. Journal of Wildlife Management 8:85-88.

Bezel, V. S., E. A. Bel'skii, N. G. Kuramshina, and L. N. Martynenkova. 2005. [Trace element composition of the osteal tissue of Tetraonidae and Strigiformes of the Urals.] Sibirskii Ekologicheskii Zhurnal 12:489-496. (in Russian with English summary)

Bihrle, C. 1993. Upland game identification: A basic guide for aging and sexing the bird in your hand. North Dakota Outdoors. 56(3):9-23. Online version: http://www.npwrc.usgs.gov/resource/tools/upland/upland.htm#contents

Bithorel, B. 2000. Plan de gestion en faveur de la Gélinotte des bois (*Bonasa bonasia*) sur la commune de Plancher les Mines (Haute-Saône, France). [Plan of management in favour of the Hazel Grouse (*Bonasa bonasia*) on the commune of Floor the Mines (Haute-Saône, France).] M. A. Thesis, Université du Québec à Rimouski. (in French).

Blanchette, P. 1995. Modèle d'indice de qualité de l'habitat pour la gélinotte huppée (*Bonasa umbellus*) au Québec. [Model of index of quality of the habitat for the Ruffed Grouse (*Bonasa umbellus*) in Quebec.] Report to Projet de développement de la gestion intégrée des ressources, Quebec. 39pp. (in French).

Blanchette, P., J.-C. Bourgeois, and S. St-Onge. 2007. Winter selection of roost sites by Ruffed Grouse during daytime in mixed nordic-temperate forests, Quebec, Canada. Canadian Journal of Zoology 85:497-504.

Blanchette, P., J.-C. Bougeois, and S. St-Onge. 2007. Ruffed Grouse winter habitat use in mixed softwood–hardwood forests, Québec, Canada. Journal of Wildlife Management 71:1758-1764.

Blanchette, P., and S. St-Onge. 2005. Suivi des aménagements de l'habitat de la gélinotte huppée (*Bonasa umbellus*) dans la Réserve faunique de Portneuf : indicateurs relatifs à la récolte sportive, saison 2004. [Follow-up of installations

of the habitat of the Ruffed Grouse (*Bonasa umbellus*) in the faunal Reserve of Portneuf: indicators relating to sporting harvest, season 2004.] Report to Quebec Ministry for the natural resources and fauna, Direction of research on fauna. (in French).

Blanchette, P., and S. St-Onge. 2006. Suivi des aménagements de l'habitat de la gélinotte huppée (*Bonasa umbellus*) dans la Réserve faunique de Portneuf : indicateurs relatifs à la récolte sportive, saison 2005. [Follow-up of installations of the habitat of the Ruffed Grouse (*Bonasa umbellus*) in the faunal Reserve of Portneuf: indicators relating to sporting harvest, season 2005.] Report to Quebec Ministry for the natural resources and fauna, Direction of research on fauna. (in French).

Blanchette, P., and S. St-Onge. 2007. Suivi des aménagements de l'habitat de la gélinotte huppée (*Bonasa umbellus*) dans la Réserve faunique de Portneuf : indicateurs relatifs à la récolte sportive, saison 2006. [Follow-up of installations of the habitat of the Ruffed Grouse (*Bonasa umbellus*) in the faunal Reserve of Portneuf: indicators relating to sporting harvest, season 2006.] Report to Quebec Ministry for the natural resources and fauna, Direction of research on fauna. (in French).

Blanchette, P., and S. St-Onge. 2008. Suivi des aménagements de l'habitat de la gélinotte huppée (Bonasa umbellus) dans la réserve faunique de Portneuf : indicateurs relatifs à la récolte sportive, saison 2007. [Follow-up of installations of the habitat of the Ruffed Grouse (*Bonasa umbellus*) in the faunal Reserve of Portneuf: indicators relating to sporting harvest, season 2007.] Report to Quebec Ministry for the natural resources and fauna, Direction of research on fauna. (in French).

Blattner, M. 1998. Der Arealschwund des Haselhuhns *Bonasa bonasia* in der Nordwestschweiz. [The range loss of Hazel Grouse *Bonasa bonasia* in northwestern Switzerland.] Ornithologische Beobachter 95:11-38. (in German with English summary).

Blevins, R. D. 1979. Organochlorine pesticides in gamebirds of Eastern Tennessee. Water, Air, & Soil Pollution 11:71-75.

Blomberg, E. J. 2007. Ruffed Grouse population viability and habitat distribution in Rhode Island: implications for management of a declining population. M. Sc. Thesis. University of Rhode Island. 89pp.

Blomberg, E. J., B. C. Tefft, E. G. Endrulat, and S. R. Mcwilliams. 2009. Predicting landscape-scale habitat distribution for Ruffed Grouse *Bonasa umbellus* using presence-only data. Wildlife Biology 15:380-394.

Bloom, K. J., and L. E. Grivetti. 2001. The mysterious history of partridge poisoning.

Journal of History of Medicine 56:68-76.

Boag, D. A. 1976. The effect of shrub removal on occupancy of Ruffed Grouse drumming sites. Journal of Wildlife Management 40:105-110.

Boag, D. A. 1976. Influence of changing grouse density and forest attributes on the occupancy of a series of potential territories by mlae Ruffed Grouse. Canadian Journal of Zoology 54:1727-1736.

Boag, D. A., and K. M. Sumanik. 1969. Characteristics of drumming sites selected by Ruffed Grouse in Alberta. Journal of Wildlife Management 33:621-628.

Bold, A. 2000. Hazel Grouse in Mongolia. Grouse News 20:5-8.

Bonczar, Z. 1992. Karpacka populacja jarzabka *bonasa bonasia* (l.,1758) i mozliwosci oddzialywania na nia. Ph. D. Thesis. University of Karkow. (in Polish).

Bonczar, Z., and J. E. Swenson. 1992. Geographic variation in spotting patterns on Hazel Grouse *Bonasa bonasia* primary feathers: consequences for age determination. Ornis Fennica 69:193-197.

Bonczar, Z., and R. Wrobel. Diet composition and feeding activity of Hazel Grouse *Tetrastes bonasia* L. Acta Agraria et Silvestria Series Zootechnia 29:3-12.

Boomer, G. S. 1998. Modeling Ruffed Grouse population dynamics with a reconstruction approach. M. Sc. Thesis. Cornell University.

Borchtchevski, V. G. 1999. Spring diet and food selectivity by male and female Hazel Grouse (*Bonasa bonasia*) in the Vodlozerski national park (Russia). Gibier-Faune-Sauvage 16:1-24.

Borchtchevski, V. G., O. Hjeljord, P. Wegge, and A. V. Sivkov. 2003. Does fragementation by logging reduce grouse reproductive success in boreal forests? Wildlife Biology 9:275-282.

Bordignon, L., and R. Pescarolo. 1990. Nesting of the Hazel Grouse *Bonasa bonasia* in Valsesia Vercelli NW Italy. Rivista Italiana di Ornitologia 60:192-194.

Borg, K. 1953. On Leucocytozoon in Swedish Capercaillie, Black Grouse, and Hazel Grouse. D. V. M. Thesis. University of Stockholm, Sweden.

Borg, K. 1987. A review of wildlife diseases from Scandinavia. Journal of Wildlife Diseases 23:527-533.

Boughton, R. V. 1935. Endoparasitic infestations in grouse. Ph. D. Dissertation. University of Minnesota.

Bowers, G. L. 19XX. A population study of the Ruffed Grouse ("*Bonasa umbellus*") in Pennsylvania at the low of the cycle ... M. Sc. Thesis. Pennsylvania State University. 59pp.

Bowers, G. L., and W. D. Tanner. 1950. The occurrence of blood parasites of grouse in Central Pennsylvania. Journal of Wildlife Management 14:473-474.

Bowles, J. H. 1894. Coloration of the Ruffed Grouse. Science 23:16.

Boyd, R. A. 1990. Population density and habitat utilization of Ruffed Grouse in the southern Appalachians. M. Sc. Thesis, University of Tennessee., Knoxville.

Bradford, A. S. 1947. Some notes on Ruffed Grouse. Passenger Pigeon 9:130-131.

Brander, R. B. 1965. Factors affecting dispersion of Ruffed Grouse during the late winter and spring on the Cloquet Forest Research Center, Minnesota. Ph. D. Dissertation. University of Minnesota, St. Paul. 180pp.

Brander, R. B. 1967. Movements of female Ruffed Grouse during the mating season. Wilson Bulletin 79:28-36

Braun, C. E., R. J. Delpiccolo, R. W. Hoffman, and T. E. Remington. 2003. First specimen records for Ruffed Grouse in Colorado. Western North American Naturalist 63:105-107.

Braune, B. M., and B. J. Malone. 2006. Organochlorines and trace elements in upland gamebirds harvested in Canada. Science of the Total Environment 363:60-69.

Breuss, M., and P. Angelstam. 2001. Grouse as conservation tools – a European perspective. Grouse News 22:15-20.

Brewer, L. W. 1980. The Ruffed Grouse in western Washington. Washington State Department of Game, Biology Bulletin 16. 102pp.

Brewer, L. W. 1981. A multivariate analysis of habitat selected by male Ruffed Grouse in western Washington. M. Sc. Thesis. University of Washington.

Brinkman, A. 1952. [Microfilariae from the Ruffed Grouse (*Bonasa umbellus* (L.)) in Ontario, Canada.] (in Norwegian).

Brown, C. P. 1944. The influence of forest types on the food habits of Ruffed Grouse in Maine. M. Sc. Thesis. University of Maine.

Brown, C. P. 1946. Food of Maine Ruffed Grouse by seasons and cover types. Journal of Wildlife Management 10:17-28.

Brown, N. C. 1906. A Ruffed Grouse near Camden, South Carolina. Auk 23:336.

Brunet, E., N. Gagne, and L. Leclerc. 1990. Étude de la population de la gélinotte huppée (*Bonasa umbellus*) sur la réserve faunique de Rimouski: automne 1990. [Study of the population of the Ruffed Grouse (*Bonasa umbellus*) on the faunal reserve of Rimouski: autumn 1990.] Université du Québec à Rimouski. 33pp. (in French).

Bruton, C. W. 1969. The ecology of a small population of Ruffed Grouse *Bonasa umbellus* (Linneaus) in a northern hardwood forest. Ph. D. Dissertation. University of North Dakota.

Bryan, G. A. 19XX. A study of the Ruffed Grouse (*Bonasa umbellus*) in the barrens of Centre County, Pennsylvania. M. Sc. Thesis. Pennsylvania State University.

Bryant, H. C. 1917. Stomach content of an Oregon Ruffed Grouse. Condor 19:168.

Buhler, M. L., and S. H. Anderson. 2001. Ruffed Grouse (*Bonasa umbellus*) drumming log and habitat use in Grand Teton National Park, Wyoming. Western North American Naturalist 61:236-240.

Bumann, G. B. 2002. Factors influencing predation on Ruffed Grouse in the Appalachians. M. Sc. Thesis. Virginia Tech University. 140pp.

Bumann, G. B., and D. F. Stauffer. 2002. Scavenging of ruffed grouse in the Appalachians: influences and implications. Wildlife Society Bulletin 30:853-860.

Bumann, G., and D. F. Stauffer. 2004. Survival and predation: predation on adult Ruffed Grouse in the Appalachians. Pp. 35-38 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Bump, G. 1932. Forest cover in relation to upland game bird management. Journal of Forestry 30:834-837.

Bump, G. 1932. "Partridges preferred." How scientists are solving 200-year-old riddle of raising Ruffed Grouse. American Game 21:72, 79.

Bump, G. 1939. Some characteristics of the periodic fluctuations in abundance of Ruffed Grouse. Transactions of the 4th. North American Wildlife Conference 4:478-484.

Bump, G. R., W. Darrow, F. C. Edminster, and W. F. Crissey. 1947. The Ruffed Grouse: life history, propagation, management. New York State Conservation Dept., Holling Press, Buffalo, NY. 915pp.

Burns, F. L. 1907. The Ruffed Grouse (*Bonasa umbellus*) in Pennsylvania. Wilson Bulletin 19:157-159.

Cade, B. S., and P. J. Sousa. 1985. Habitat suitability index models: Ruffed Grouse. US Fish and Wildlife Service Biological Report 82 (10.86).

Cary, J. R., R. J. Small, and D. H. Rusch. 1992. Dispersal of Ruffed Grouse: a large-scale individual based model. Wildlife 2001: populations. Pages:727-737.

Catusse, M. 1994. Hazel Grouse in the Pyrenees. British Birds 87:271-272.

Catusse, M., T. Mothe, and E. Menoni. 1992. La gélinotte des bois *Bonasa bonasia* existe dans les Pyrénées. [The Hazel Grouse *Bonasa bonasia* exists in the Pyrenees.] Alauda 60(3):129-133. (in French).

Cerretani, D. G. 1976. Movements and behavior of Ruffed Grouse during late winter and early spring in central New York. M. Sc. Thesis. State University of New York, Syracuse.

Chae, H.-Y., and Y. Fujimaki. 1996. Age determination of the Hazel Grouse based on skull pneumatization. Japanese Journal of Ornithology 45:17-22.

Chae, H.-Y., and Y. Fujimaki. 1998. Age determination of the Hazel Grouse based on Skull pneumatization. Grouse News 16:22.

Chambers, R. E., and P. F. English. 1958. Modifications of Ruffed Grouse traps. Journal of Wildlife Management 22:200-202.

Chambers, R. E., and W. M. Sharp. 1958. Movement and dispersal within a population of Ruffed Grouse. Journal of Wildlife Management 22:231-239.

Champlin, M. R. 1979. Structural characteristics of territorial male Ruffed Grouse (*Bonasa umbellus*) habitat in western Montana. M. Sc. Thesis. University of Montana.

Chandler, R. M. 1998. Fossil birds of Tunica Hills and first record of Ruffed Grouse (*Bonasa umbellus*) for Louisiana. Current Research in the Pleistocene 15:103-104.

Chapman, F. B. 1954. Wild Turkey, Ruffed Grouse, and snowshoe hare restoration in Ohio. Ohio Department of Natural Resources. 10pp.

Cheng, T. 1979. A sketch of the avian fauna of China, with special reference to galliform species. Proceedings of the 1st. International Grouse Symposium Pp. 45-47.

Chubbs, T. E., and F. R. Phillips. 2010. Recent range expansion of Ruffed Grouse, *Bonasa umbellus*, in Labrador. Canadian Field-Naturalist 124:45–48.

Claffey, M. P. 1980. Ruffed Grouse (*Bonasa umbellus*) populations and drumming site characteristics on a grouse management area in central Pennsylvania. M. Sc. Thesis. Pennsylvania State University.

Chapman, H. H. 1944. Cooperation of squirrel and grouse. Journal of Willdife Management. 8:266.

Clark, H. L. 1899. The number of retrices in grouse. Auk 16:181.

Clark, M. E. 1996. Movements, habitat use, and survival of Ruffed Grouse (*Bonasa umbellus*) in northern Michigan. M. Sc. Thesis. Michigan State University.

Clark, M. E. 2000. Survival, fall movements, and habitat use by hunted and non-hunted Ruffed Grouse in northern Michigan. Ph. D. Dissertation. Michigan State University.

Clarke, C. H. D. 1934. Cause of mortality in young grouse. Science 80:228-229.

Clarke, C. H. D. 1935. Fluctuations in numbers of Ruffed Grouse, *Bonasa umbellus*, Linn., with special reference to Ontario. Ph. D. Dissertation. University of Toronto.

Clarke, C. H. D. 1935. Blood parasites of Ruffed Grouse (*Bonasa umbellus*) and Spruce Grouse (*Canachities canadensis*), with description of *Leucocytozoon bonase* N. Sp. Canadian Journal of Research. 12:646-651.

Clarke, C. H. D. 1935. The dying off of Ruffed Grouse. Transactiosn of the American Game Conference 21:402-405.

Clarke, C. H. D. 1936. Fluctuations in numbers of Ruffed Grouse, *Bonasa umbellus* (Linne), with special reference to Ontario. University of Toronto Studies, Biology Series No. 41.

Clarke, C. H. D. 1938. Organisms of the malarial type in Ruffed Grouse, with a description of the schizogony of *Leucocytozoon bonase*. Journal of Wildlife Management 2:146-150.

Clarke, C. H. D. 1944. An extreme case of so-called "injury-feigning" by a female Ruffed Grouse. Canadian Field Naturalist 58:194.

Clay, M. B. 1925. The odd behavior of a stunned Ruffed Grouse. Wilson Bulletin 37:43.

Clinch, F. A. 1961. Ruffed Grouse eating a snake. Kingbird 10:170.

Clulow, F. V. 1988. Radionuclide uptake by beaver and Ruffed Grouse in the Serpent River Basin. Atomic Energy Control Board Canada, INFO-0292; Research report. 55pp.

Clulow, F. V., T. P. Lim, N. K. Dave, and R. Avadhanula. 1992. Radium-226 levels and concentration ratios between water, vegetation, and tissues of Ruffed Grouse (*Bonasa umbellus*) from a watershed with uranium tailings near Elliot Lake, Canada. Environmental Pollution. 77:39-50.

Cole, J. C., and R. W. Dimmick. 1991. Distribution of Ruffed Grouse southeast of the range of quaking aspen. Proceedings of the 45th. Annual Conference of Southeastern Association of Fish and Wildlife Agencies. Pp. 58-63.

Connell, F. H., and H. M. Doremus. 1937. Endoparasitism in Ruffed Grouse near Hanover, New Hampshire. Auk 54:321-323.

Connelly, J. W., and D. D. Musil. 2007. Upland game bird ecology: July 1, 2006 to June 30, 2007. Study II, Population characteristics and habitat use of exploited forest grouse populations. Project W-160-R-34; progress report. Idaho Department of Fish and Game. 11pp. (Dusky Grouse and Ruffed Grouse).

Conover, H. B. 1935. A new race of Ruffed Grouse from Vancouver Island. Condor 37:204-206.

Cowan, I. M., and C. D. Fowle. 1944. Visceral gout in wild Ruffed Grouse. Journal of Wildlife Management 8:260-261.

Cringan, A. T. 1970. Reproductive biology of Ruffed Grouse in southern Ontario, 1964-1969. Journal of Wildlife Management 34:756-761.

Crites, J. L. 1951. A survey of the visceral parasites of the Ruffed Grouse of north Idaho. M. Sc. Thesis. University of Idaho.

Cullinan, T. P. 1986. Winter and spring home range and habitat use by male Ruffed Grouse in central New York. M. Sc. Thesis. State University of New York, Syracuse.

Dacey, K. W. Habitat utilization and food preferences of Ruffed Grouse in northwestern Missouri. M. Sc. Thesis. Northwest State University, Maryville.

Daigle, S. 1995. Alimentation hivernale de la gélinotte huppée, *Bonasa umbellus*, sur l'île aux Lièvres dans l'estuaire du St-Laurent. [Winter food of the Ruffed Grouse, *Bonasa umbellus*, on Rabbit Island in the estuary of the St-Laurent]. M. Sc.

Thesis. University of Laval. (in French).

Darrow, R. 1938. Possibilities of recognizing the evidence of predation and species involved in the remains of grouse and grouse nests found destroyed. Transactions of the 3rd North American Wildlife Conference.

Darrow, R. 1939. Seasonal food preferences of adult and of young grouse in New York state. Transactions of the 4th. North American Wildlife Conference. Pp. 585-590.

Darrow, R. W. 1945. Relation of buffer species abundance and fox predation on grouse nests. Transactions of the 10th. North American Wildlife Conference 10:270-273.

Davidson, W. R., G. L. Doster, S. R. Pursglove Jr., and A. K. Prestwood. 1977. Helminth parasites of Ruffed Grouse *Bonasa umbellus* from the eastern USA. Proceedings of the Helminthological Society of Washington 44:156-161.

Davies, R. G. 1973. A study of demography and behaviour of Ruffed Grouse in British Columbia. M. Sc. Thesis. University of Victoria.

Davies, R. G., and A. T. Bergerud. 1988. Demography and behavior of Ruffed Grouse in British Columbia. Pp. 78-121 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). University of Minnesota Press, Minneapolis.

Davis, J. A. 1965. Sexing and aging criteria for the Ruffed Grouse in Ohio. M. Sc. Thesis. Ohio University. 135pp.

Davis, J. A. 1968. The postjuvenile wing and tail molt of Ruffed Grouse (*Bonasa umbellus monticola*) in Ohio. Ohio Journal of Science 68:305-312.

Davis, J. A. 1969. Aging and sexing criteria for Ohio Ruffed Grouse. Journal of Wildlife Management 33:628-636.

Davis, J. A., and R. J. Stoll, Jr. 1973. Ruffed Grouse age and sex ratios in Ohio. Journal of Wildlife Management 37:133-141.

Davis, K. 1970. The Ruffed Grouse of North America. Biological Conservation 2:133-137.

Dawson, W. L. 1896. Notes on the birds of Okaogan Co., Washington. Wilson Bulletin 8:1-4.

Dearden, B. L., and D. Durham. 1978. A technique for statistically differentiating Ruffed Grouse drumming logs from nondrumming logs in east Tennessee USA. Journal of the Tennessee Academy of Science 53:98-101.

De Franceschi, P. 1988. La situazione attuale dei Galliformi in Italia. Ricerche recenti o ancora in corso. Problemi di gestione e prospettive per il futuro. [The situation puts into effect them of the Galliformi in Italy. Recent searches or still in course. Problems of management and perspectives for the future.] In: Atti I Conv. naz. Biol. Selvaggina (Spagnesi, M., and Toso, S., eds.), Suppl. Ric. Biol. Selvaggina 14: 129-168. (in Italian).

De Franceschi, P. F. 1994. Status, geographical distribution and limiting factors of Hazel Grouse (*Bonasa bonasia*) in Italy. Gibier Faune Sauvage, Game and Wildlife 11:141-160.

De Franceschi, P. 1996. I tetraonidi della Foresta di Tarvisio. [The tetraonids of the Forest of Tarvisio.] Cierre Edizioni, Verona, 141 pp. (in Italian).

De Franceschi, P. 2002. Gestione dei Tetraonidi. [Management of the Tetraonidae.] In: Manuale di ornitologia. Volume 3 (Brichetti, P., Gariboldi, A. L., eds.). Edagricole, Bologna, pp. 91-130. (in Italian).

De Franceschi, P. F., and M. Bottazzo. 1995. Habitat characteristics of brood-rearing sites of Hazel Grouse in the eastern Alps (Friuli-Venezia Giulia, Italy). Proceedings of the 6th. International Grouse Symposium. Pp. 101-105.

De Franceschi, P. F., and P. Flavio. 1994. Restoration plans for Hazel Grouse (*Bonasa bonasia*), Black Grouse (*Tetrao tetrix*) and Capercaillie (*Tetrao urogallus*) in Italy. Gibier Faune Sauvage 11:207-215.

De La Llave, P. 1885. Sobre tres especies nuevas del genero "*Tetrao*." [Three new species of the genera "*Tetrao*".] La Naturaleza 1885:63-64. (in Spanish).

Desbrosses, R. 1996. Comparaison de deux methodes de denombrement d'une population de gelinotte des bois *Bonasa bonasia* dans le Jura francais. [Comparison of two methods for censusing a population of hazel grouse (*Bonasa bonasia*) in the French Jura.] Alauda 64:293-306. (in French).

Desbrosses, R. 1997. Habitats et fluctuations des populations de gelinotte des bois (*Bonasa bonasia*) dans l'est de la France. [The Hazel Grouse (*Bonasa bonasia*) habitats and the fluctuations of its abundance in the east of France.] Ph. D. Dissertation. Travaux Universitaires. 162pp. (in French).

Desbrosses, R. 1999. Indices de présence et comportement de la Gélinotte des bois *Bonasa bonasia* en hiver dans le Haut-Jura français. [Indices of presence and behavior of the Hazel Grouse *Bonasa bonasia* in winter in the French High-Jura.] Nos Oiseaux 46:1-10. (in French).

Desbrosses, R. 2002. Réponses comportementales de la Gélinotte des bois *Bonasa bonasia* à l'utilisation du rappel. [Behavioural response of Hazel Grouse *Bonasa*

bonasia to tape luring.] Alauda 70:131-136. (in French with English summary).

Desbrosses, R., B. Leclercq, and V. Borchtchevskii. 1992. [Tetraonidae of Arkhangelsk taiga (USSR) [Willow Grouse (*Lagopus lagopus lagopus*), Black Grouse (*Lyrurus tetrix tetrix*), Hazel Hen (*Bonasia bonasia griseonata* salomonsen), Capercaillie (*Tetrao urogallus urogallus*)]]. Bulletin Mensuel de l'Office National de la Chasse 166:13-27. (in French).

Dessecker, D. R. 1997. Ecological implications of social constraints on resource management: the Ruffed Grouse Bonasa umbellus example. Wildlife Biology 3:285. Abstract only.

DeStefano, S., S. R. Craven, and D. L. Ruff. 1988. Ecology of the Ruffed Grouse. University of Wisconsin, Cooperative Extension Service G3252. 6pp.

DeStefano, S., S. R. Cravem, D. L. Ruff, D. F. Covell, and J. F. Kubisiak. 19XX. A landowner's guide to woodland wildlife management, with special emphasis on the Ruffed Grouse. University of Wisconsin Cooperative Extension Service G3578. 66pp.

DeStefano, S., and D. H. Rusch. 1982. Some historical aspects of Ruffed Grouse harvests and hunting regulations in Wisconsin. Wisconsin Academy of Science, Arts and Letters. 70:27-35.

DeStefano, S., and D. H. Rusch. 1984. Characteristics of Ruffed Grouse drumming sites in northeastern Wisconsin. Wisconsin Academy of Science, Arts and Letters. 73:177-182.

DeStefano, S., and D. H. Rusch. 1986. Harvest rates of Ruffed Grouse in northeastern Wisconsin. Journal of Wildlife Management 50:361-367.

Devers, P. K. 2004. Ruffed Grouse research and management in the Appalachian region: The Appalachian Cooperative Grouse Research Project. Grouse News 28:23-25.

Devers, P. K. 2005. Population ecology of and the effects of hunting on Ruffed Grouse (*Bonasa umbellus*) in the southern and central Appalachians. Ph. D. Dissertation. Virginia Polytech Institute and State University. 219pp.

Devers, P. K., and D. F. Stauffer. 2004. Nesting and reproductive output: Ruffed Grouse reproduction and productivity in the Appalachian region. Pp. 29-31 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Devers, P. K., and D. F. Stauffer. 2004. Survival and predation: Ruffed Grouse survival in the Appalachian region. Pp. 32-34 *in*: Norman et al. Ruffed Grouse ecology

and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Devers, P. K., D. Stauffer, and G. W. Norman. 2004. Management recommendations: population management. P. 47 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Devers, P. K., D. F. Stauffer, G. W. Norman, D. E. Steffen, D. M. Whitaker, J. D. Sole, T. J. Allen, S. L. Bittner, D. A. Buehler, J. W. Edwards, D. E. Figert, S. T. Friedhoff, W. W. Giuliano, C. A. Harper, W. K. Igo, R. L. Kirkpatrick, M. H. Seamster, H. A. Spiker Jr., D. A. Swanson, and B. C. Tefft. 2007. Ruffed Grouse population ecology in the Appalachian Region. Wildlife Monographs 168:1-36.

Dick, T. A. 1967. Parasitological studies in Ruffed Grouse, *Bonasa umbellus*. M. Sc. Thesis. University of New Brunswick.

Dick, T. A., and M. D. Burt. 1967. Seasonal variation in *Davainea tetraoensis*, a cestode parasite of Ruffed Grouse. Parasitology 57(4):17-18.

Dick, T. A., and M. D. Burt. 1971. The life cycle and seasonal variation of *Davainea tetraoensis* Fuhrmann 1919, a cestode parasite of Ruffed Grouse, *Bonasa umbellus* (L.). Canadian Journal of Zoology 49:109-119.

Dimmick, R. W., J. D. Sole, P. E. Hale, and W. G. Minser. 1997. Response of Ruffed Grouse *Bonasa umbellus* to forest management in the southern Appalachian Mountains, USA. Wildlife Biology 3:273. Abstract only.

Dimmick, R. W., J. D. Sole, W. G. Minser, and P. E. Hale. 1998. Response of Ruffed Grouse to forest management in the southern Appalachian Mountains. Proceedings of the 52nd. Annual Conference of Southeastern Association of Fish and Wildlife Agencies. Pp. 294-302.

Doan, M. A., R. W. Dimmick, D. A. Buehler, and J. C. Rennie. 1997. Defining habitat quality for Ruffed Grouse *Bonasa umbellus* in the southern Appalachians using HSI models. Wildlife Biology 3:274. Abstract only.

Dobony, C. A. 2000. Factors influencing Ruffed Grouse productivity and chick survival in West Virginia. M. Sc. Thesis. West Virginia University.

Dobony, C. A., J. W. Edwards, W. M. Ford, and T. J. Allen. 2001. Nesting success of Ruffed Grouse in West Virginia. Proceedings of the 55th. Annual Conference of Southeastern Association of Fish and Wildlife Agencies. Pp. 456-465.

Dobony, C.A., B. W. Smith, J. W. Edwards, and T. J. Allen. 2009. Necklace-type

transmitter attachment method for ruffed grouse chicks. Pages 480-488 in: S. B. Cederbaum, B. C. Faircloth, T. M. Terhune, J. J. Thompson, and J. P. Carroll, eds. Gamebird 2006: Quail VI and Perdix XII. 31 May - 4 June 2006. Warnell School of Forestry and Natural Resources, Athens, GA, USA.

Doerr, P. D. 1973. Ruffed Grouse ecology in central Alberta: demography, winter feeding activities, and the impact of fire. Ph. D. Dissertation. University of Wisconsin.

Doerr, P. D., L. B. Keith, and D. H. Rusch. 1970. Effects of fire on a Ruffed Grouse population. Proceedings of the Tall Timbers Fire Ecology Conference 10:25-46.

Doerr, P. D., J. G. Keith, D. H. Rusch, and C. A. Fischer. 1974. Characteristics of winter feeding aggregations of Ruffed Grouse in Alberta. Journal of Wildlife Management 38:601-615.

Dolgard, S. J., G. W. Gullion, and J. C. Haas. 1976. Mechanized timber harvesting to improve Ruffed Grouse habitat. University of Minnesota Agricultural Experimentation Station.

Donohoe, R. W. 1963. Drumming counts as estimates of Ruffed Grouse density. Game Research of Ohio 2:159-160.

Donohoe, R. W., and R. K. Martinson. 1963. Ruffed Grouse drumming counts 1960 and 1961. Game Research of Ohio 2:32-34.

Dorney, R. S. 1958. Ruffed Grouse roosts as a spring-census technique. Journal of Wildlife Management 22:97-99.

Dorney, R. S. 1959. Relation of hunting, weather, and parasitic disease to Wisconsin Ruffed Grouse populations. Ph. D. Dissertation. University of Wisconsin – Madison.

Dorney, R. S. 1959. Relationship of Ruffed Grouse to forest cover types in Wisconsin. Wisconsin Conservation Department Technical Bulletin No. 18. 32pp.

Dorney, R. S. 1963. Sex and age structure of Wisconsin Ruffed Grouse populations. Journal of Wildlife Management 27:599-603.

Dorney, R. S. 1966. A new method for sexing Reuffed Grouse in late summer. Journal of Wildlife Management 30:623-625.

Dorney, R. S., and F. V. Holzer. 1957. Spring aging methods for Ruffed Grouse cocks. Journal of Wildlife Management 21:268-274.

Dorney, R. S., and C. Kabat. 1960. Relation of weather, parasitic disease, and hunting

to Wisconsin Ruffed Grouse populations. Wisconsin Conservation Department Technical Bulletin #20, Madison, WI. 64pp.

Dorney, R. S., and H. M. Mattison. 1956. Trapping techniques for Ruffed Grouse. Journal of Wildlife Management 20:47-50.

Dorney, R. S., and A. C. Todd. 1960. Spring incidence of Ruffed Grouse blood parasites. Journal of Parasitology 46:687-694.

Doucet, G. J., R. MacCulloch, and J. R. Bider. 1997. Effects of clear-cutting and debris removal on Ruffed Grouse activity in an experimental right-of-way. Proceedings of 6th. International Symposium on Environmental Concerns in Rights of Way Management. Pp. 291-294.

Dougherty, E. M. 2008. Ruffed Grouse drumming counts: an examination of observer and roadside effects. B. Sc. Thesis. The Ohio State University. 20pp.

Doyon, M.-R. 1993. Évaluation de l'introduction de la gélinotte huppée, *Bonasa umbellus*, sur l'Île aux Lièvres dans l'estuaire du St-Laurent. [Evaluation of the introduction of the Ruffed Grouse, *Bonasa umbellus*, on Rabbit Island in the estuary of the St-Laurent. M. Sc. Thesis. University of Laval. (in French).

Dragesco, A. 1989. Les coqs de bruyere, la gelinotte et le lagopede. [Cocks of heather, the grouse and the ptarmigan.] Atlas Visuels Payot Lausanne, Vol. 21. 64pp. (in French) (Hazel Grouse, Black Grouse, Capercaillie, Rock Ptarmigan).

Dresser, H. E. 1876. Remarks on a hybrid between the Black Grouse and the Hazel Grouse. Proceedings of the Zoological Society of London. Pp. 345-347.

Dronneau, C. 1982. [Survey on Hazel Grouse distribution (*Bonasa bonasia* L.) in North-East France [Tetraonidae, gallinaceous bird].] Bulletin Mensuel de l'Office National de la Chasse 60:16-26. (in French).

Dronneau, C. 1984. La gélinotte des bois (*Bonasa bonasia* L.). Synthèse bibliographique. [The Hazel Grouse (*Bonasa bonasia* L.), Literature review.] Bulletin mensuel de l'ONC 76:33-41, 77:43-47, 78:27-36. (in French).

Drovetski, S. V. 1992. [Materials on ecology of Hazel Grouse *Tetrastes bonasia* at the South of Magadan region in winter]. Zoologicheskiy Zhurnal 71: 45-59. (In Russian with English summary).

Drovetski, S. V. 1997. Spring social organisation, habitat use, diet, and body mass dynamics of Hazel Grouse *Bonasa bonasia* in northern Asia. Wildlife Biology 3:251-259.

Dubke, K. H. 1967. Recent Ruffed Grouse on Lookout Mountain. Migrant 38:40-41.

Dussalt, C., R. Courtois, and J. Ferron. 1998. Impact court terme d'une coupe avec protection de la regeneration sur la gelinotte huppee (*Bonasa umbellus*) en foret boreale. [Short term impact of cutting with the protection of regeneration of Ruffed Grouse (*Bonasa umbellus*) in a boreal forest.] Canadian Journal of Forest Research. 28:468-477. (in French with English summary).

Dussalt, C., J. Ferron, and R. Courtois. 1995. Habitat de la gélinotte huppée (*Bonasa umbellus*) en Abitibi-Témiscamingue et impact à court terme d'une coupe avec protection de la regeneration. [Habitat of the Ruffed Grouse (*Bonasa umbellus*) in Abitibi-Témiscamingue and short-term impact of a cut with protection of regeneration.] Report to Gouvernement du Québec, Ministère de l'environnement et de la faune, Direction de la faune et des habitats. 67pp. (in French).

Dustman, E. H. 1943. Ruffed Grouse reproduction in relation to the cover types of Southeastern Ohio. M. Sc. Thesis. Ohio State University.

Edminster, F. C. 1939. The effect of predator control on Ruffed Grouse populations in New York. Journal of Wildlife Management 3:345-352.

Edminster, F. C. 1947. The Ruffed Grouse: its life history, ecology, and management. Macmillan. New York.

Edwards, M. G. 1961. The use of funnel trap for Ruffed Grouse broods. Journal of Wildlife Management 25:89.

Eiberle, K. 1974. Waldkundliche Aspekte der Forschung an Rauhfusshühnern. [Forest-scientific aspects of research on grouse.] Schweiz Z Forstwes 125:147-170. (in German).

Eiberle, K, and J.-F. Matter. 1984. Untersuchungen uber kritische Wetterfaktoren beim Haselhuhn (*Bonasa bonasia*). [Investigations of the more critical weather factors with the Hazel Grouse (*Bonasa bonasia*).] Forstarchiv 55:195-198. (in German).

Ellison, L., P. Leonard, and R. Huboux. 1994. [Methods for counting Hazel Grouse (*Bonasa bonasia*) and recommendations for determining regional trends of abundance [density index, drive, line transect, tracks in snow, pointing dogs, whistle method].] Gibier Faune Sauvage 11: (in French).

Ellison, L., E. Menoni, A. Bernard-Laurent, and Y. Magnani. 1994. [Participation of French hunters in the management of mountain grouse and partridges.] Gibier Faune Sauvage 11:333-348. (in French with English summary). (Hazel Grouse, Black Grouse, Capercaillie).

Elmore, L. J. 1935. A study of the sexual behavior of Ruffed Grouse (*Bonasa umbellus* Linn.). M. Sc. Thesis. Cornell University.

Emel'yanov, N. A., M. I. Mityushov, and A. N. Panov. 1976. Soderzhanie natriia i kaliia v tkaniakh u dikikh i domashnikh predstavitelei otriada kurinykh. [Sodium and potassium content in tissues of wild and domestic galliformes.]. Zhurnal Evolyutsionnoi Biokhimii i Fiziologii 12:372-374. (in Russian).

Emel'yanov, N. A., M. I. Mityushov, A. N. Panov, and N. L. Rubinskaia. 1980. Sravnitel'noe issledovanie soderzhaniia nukleinovykh kislot i belkov v kletkakh iader golovnogo mozga kuritsy i riabchika. [Comparative study of nucleic acid and protein concentration in cells of the cerebral nuclei of hens and Hazel Grouse]. Fiziologicheskii zhurnal SSSR imeni 66:422-424. (in Russian).

Emerson, K. C. 1948. A new mallophaga from a Ruffed Grouse. Journal Kansas Entomology Society 21:92-95.

Endrulat, E. G. 2003. The effects of forest management on home range size and habitat selection of Ruffed Grouse in Rhode Island, Virginia, and West Virginia, USA. M. Sc. Thesis University of Rhode Island, Kingston.

Endrulat, E. G., S. R. McWilliams, and B. C. Tefft. 2005. Habitat selection and home range size on Ruffed Grouse in Rhode Island. Northeastern Naturalist 12:411-424.

Eng, R. L. 1959. A study of the ecology of male Ruffed Grouse in the Cloquet Forest Research Center, Minnesota. Ph. D. Dissertation, University of Minnesota, St. Paul.

Eng. R. L., and G. W. Gullion. 1962. The predation of Goshawks upon Ruffed Grouse on the Cloquet Forest Research Station, Minnesota. Wilson Bulletin 74:227-242.

Epperson, R. G. Jr. 1988. Population status, movements, and habitat utilization of Ruffed Grouse on the Catoosa Wildlife Management Area, Cumberland County, Tennessee. M. A. Thesis. Virginia Polytech Institute and State University, Blacksburg. 96pp.

Erb, J. 2004. Minnesota grouse and hares, 2004. Minnesota Department of Natural Resources. 5pp. (Ruffed Grouse, Sharp-tailed Grouse).

Erickson, A. B. 1953. *Leucocystozoon bonasae* in Ruffed Grouse: its possible relationship to fluctuations in numbers of grouse. Journal of Wildlife Management 17:536-538.

Erickson, A. B. 1960. Garter snake eaten by the Ruffed Grouse. Flicker 32:99.

Erickson, A. B., P. R. Highby, and C. E. Carlson. 1949. Ruffed Grouse populations in Minnesota in relation to blood and internal parasitism. Journal of Wildlife

Management 13:188-194.

Erickson, D. L. 1961. Movements and seasonal habitat of Ruffed Grouse on the University of Idaho experimental forest. M. Sc. Thesis. University of Idaho.

Errington, P. L. 1937. Winter carrying capacity of marginal Ruffed Grouse environment in north-central United States. Canadian Field Naturalist 51:31-34.

Etches, R. J., A. Garbutt, and A. L. Middleton. 1979. Plasma concentrations of prolactin during egg laying and incubation in Ruffed Grouse (*Bonasa umbellus*). Canadian Journal of Zoology 57:1624-1627.

Euler, D. L., and D. Q. Thompson. 1978. Ruffed Grouse and songbird foraging response on small spring burns. New York Fish and Game Journal 25(2):156-164.

Eve, J. H., and W. R. Davidson. 1976. Blood parasites of Ruffed Grouse (*Bonasa umbellus*) from Kentucky, Maine, Michigan, and West Virginia. Journal of Parasitology 62:142-144.

Ewers, C. 1994. **[**Nature conservation by contract for hazel hen.] Allgemeine Forst Zeitschrift fuer Waldwirtschaft und Umweltvorsorge 49(20):1126-1128. (in German).

Ewers, C., K. Schmidt, and J. Weiss. 2000. Das Pilotprojekt "Haselhuhn" (*Bonasa bonasia*) im Siegerland. [Pilot project “Hazel Grouse” (*Bonasa bonasia*) in Siegerland.] Forst und Holz 55(3):76-79. (in German).

Fallis, A. M. 1944. Malaria and other blood parasites of the Ruffed Grouse (*Bonasa umbellus* L.). Transactions of the Royal Society of Canada 38(3):162.

Fallis, A. M. 1945. Population trends and blood parasites of Ruffed Grouse in Ontario. Journal of Wildlife Management. 9:203-206.

Fallis, A. M. 1946. *Plasmodium circumflexum* (Kikuth) in Ruffed Grouse in Ontario. Journal of Parasitology 32:345-353.

Fallis, A. M., and G. F. Bennett. 1958. Transmission of *Leucocytozoon bonasae* Clarke to Ruffed Grouse (*Bonasa umbellus* L.) by the black flies *Simulium latipes* Mg. and *Simulium aureum* Fries. Canadian Journal of Zoology 36:533-539.

Fallis, A. M., and C. E. Hope. 1950. Observations of Ruffed Grouse in southern Ontario with a discussion on cycles. Canadian Field-Naturalist 64:82-85.

Fang, Y., and Y-H. Sun. 1997. Brood movement and natal dispersal of Hazel Grouse *Bonasa bonasia* at Changbai Mountain, Jilin Province, China. Wildlife Biology 3:261-264.

Fang, Y., and Y-H. Sun. 1997. Capturing techniques for the Chinese Grouse *Bonasa sewerzowi*. Wildlife Biology 3:287. Abstract only.

Fang, Y., and Y-H. Sun. 1997. [Capturing techniques for the Chinese Grouse *Bonasa sewerzowi*.] Ornithol. Beob. 80:231-246 (in German)

Fast, D. 1979. Grouse flying crazy and drumming high. BlueJay 37:219-220.

Fay, L. D. 1963. Recent success in raising Ruffed Grouse in captivity. Journal of Wildlife Management 27: 642-656.

Fearer, T. M. 1999. Relationship of Ruffed Grouse home range size and movement to landscape characteristics in southwestern Virginia. M. Sc Thesis. Virginia Polytech Institute and State University.

Fearer, T. M., and D. F. Stauffer. 2003. Relationship of Ruffed Grouse (*Bonasa umbellus*) home range size to landscape characteristics. American Midland Naturalist 150:104-114.

Fearer, T. M., and D. F. Stauffer. 2004. Relationship of Ruffed Grouse *Bonasa umbellus* to landscape characteristics in southwest Virginia, USA. Wildlife Biology 10:81-89.

Felix, A. B. 2008. Modeling the cumulative effects of aspen management practices on timber and wildlife at multiple spatial and temporal scales. Ph. D. Dissertation Michigan State University. 369pp. (Ruffed Grouse).

Felix-Locher, A., and H. Campa III. 2010. Importance of habitat type classifications for predicting Ruffed Grouse use of areas for drumming. Forest Ecology and Management 259:1464-1471.

Fetisov, S. A. 1975. On the problem of route registration of the Hazel Grouse. Vestnik leningr. gos. Univ. (Biol.) 1975(4):34-38.

Fettinger, J. L. 2002. Ruffed Grouse nesting ecology and brood habitat in western North Carolina. M. S. Thesis. University of Tennessee, Knoxville

Findley, J. S. 1950. Ruffed Grouse eats snake. Wilson Bulletin 62:133.

Fischer, C. A. 1974. A lift-net for capturing male Ruffed Grouse. Journal of Wildlife Management 38:149-151.

Fischer, C. A., and L. B. Keith. 1974. Population responses of central Alberta Ruffed Grouse to hunting. Journal of Wildlife Management 38:585-600.

Fisher, H. L., and S. R. Ellarson. 1959. An abnormal sternal apparatus in a Ruffed Grouse, *Bonasa umbellus*. Transactions of the Illinois Academy of Science 51:34-36.

Fisher, L. W. 1938. Studies of the eastern Ruffed Grouse (*Bonasa umbellus umbellus*) in Michigan. Ph. D. Dissertation. Michigan State University.

Fisher, L. W. 1939. Studies of the eastern Ruffed Grouse (*Bonasa umbellus umbellus*) in Michigan. Technical Bulletin 166, Michigan State College, Agricultural Experimental Station, East Lansing.

Flake, L. D., J. W. Connelly, T. R. Kirschenmann, and A. J. Lindbloom. 2010. Grouse of the plains and mountains – the South Dakota story. South Dakota Department of Game Fish, and Parks. Pierre, SD. 246 pp. (Greater Sage-Grouse, Greater Prairie-Chicken, Sharp-tailed Grouse, Ruffed Grouse).

Fleury, M. 1995. Validation d'un modèle utilisant les cartes écoforestières pour évaluer le potentiel de la gélinotte huppée d'un territoire. [Validation of a model using the forestry charts to evaluate the potential of Ruffed Grouse territory.] Faune-Experts inc., Bic, Quebec. 39pp. (in French).

Folitarek, S. S. 1939. Concerning the food of Hazel Grouse. Probl. Ecol. Biocenol. 4:89-112.

Formosov, A. N. 1934. On the biology of the Hazel Grouse (*Tetrastes bonasia volgensis* But.) from observations in the Gorkovski (Nizhni Novgorod) district. Bull. Soc. Nat. Moscou Sect. Biol. 43:3-24.

Fowle, C. D. 1953. An analysis of the territorial behaviour of the Ruffed Grouse (*Bonasa umbellus* (L.)). Ph. D. Dissertation. University of Toronto.

Fowler, A. 1868. The Ruffed Grouse. American Naturalist 2:365-367.

Fowler, A. 1869. The Virginia partridge. American Naturalist 3:535-539.

Fox, A. C. 1940. Ruffed Grouse budding on western serviceberry. Auk 57:109.

Frank, H., and U. Dischner. 1971. Das heutige Vorkommen von Haselwild in Nordrhein-Westfalen. [The present day occurrence of Hazel Grouse in North Rhine-Westphalia.] European Journal of Wildlife Research 17:235-239. (in German with English summary).

Frawley, V. R., J. Kleitch, and C. A. Stewart. 2006. Ruffed Grouse and American Woodcock status in Michigan, 2005. Michigan Department of Natural Resources, Wildlife Report No. 3453. 13pp.

Frawley, V. R., T. E. Oliver, and C. A. Stewart. 2004. Ruffed Grouse and American Woodcock status in Michigan, 2004. Michigan Department of Natural Resources, Wildlife Report No. 3425. 13pp.

Frawley, V. R., and C. A. Stewart. 2009. Ruffed Grouse and American Woodcock status in Michigan, 2009. Michigan Department of Natural Resources, Wildlife Report No. 3504. 14pp.

Freiling, D. A. 1985. Ruffed Grouse brood and nesting habitat in central Missouri. M. Sc. Thesis. University of Missouri, Columbia.

Friesen, V. C. 1971. The crazy flight phenomenon of the Ruffed Grouse. Blue-Jay 29:121-124.

Friesen, V. C. 1990. Ruffed Grouse crazy flight conclusions. Blue Jay 48:33-34.

Friley, C. E. 1938. The relation between the presence of the cottontail rabbit *Sylvilagus floridanus mallurus* (Thomas) and the occurrence of cover types on the Tolland County leased hunting area : with notes on the cover preference of the Ruffed Grouse *Bonasa umbellus umbellus* (Linn.). M. Sc. Thesis. University of Connecticut.

Fujimaki, Y. 1993. Brief review of studies on Hazel Grouse in Japan. Grouse News 6:12-16.

Fujimaki, Y. 1994. Effects of environmental changes on wildlife. Japanese Journal of Ecology 44:125-129.

Fujimaki, Y. 1995. Status of the Hazel Grouse in Hokkaido, Japan in 1923-93. Proceedings of the 6th. International Grouse Symposium Pp.168-169.

Fujimaki, Y. 1995. Diet of Hazel Grouse and diet intake in captivity. Grouse News 9:6.

Fujimaki, Y. 2000. Recent Hazel Grouse *Bonasa bonasia* population declines in Hokkaido, Japan. Japanese Journal of Ornithology 48:281-284.

Fujimaki, Y. 2002. Food habits of Hazel Grouse in Hokkaido, Japan. Journal of the Yamashina Institute of Ornithology 34:73-79.

Fujimaki, Y. 2002. The biology of Hazel Grouse *Bonasa bonasia*. Japanese Journal of Ornithology 51:74-86.

Fujimaki, Y. 2005. Body sizes of Hazel Grouse *Bonasa bonasia* from Hokkaido. Journal of the Yamashina Institute of Ornithology 36:129-132.

Fujimaki, Y., Y. Miyazawa, and K. Sasaoka. 1994. Diet of Hazel Grouse and diet intake in captivity. Japanese Journal of Ornithology 43(2):49-59.

Fujimaki, Y., Y. Miyazawa, and K. Sasaoka. 1997. Intake of buds and catkins by captive Hazel Grouse *Bonasa bonasia* in winter. Wildlife Biology 3:281. Abstract only.

Furtman, M. 1999. Ruffed Grouse: Woodland drummer. NorthWord Press, Minnetonka, MN. 143pp.

Gabrielson, I. N. 1952. Notes on *Bonasa* and *Numenius* in Alaska. Condor 54:359.

Gajdar, A. A. 1975. [Ringing *Tetrastes bonasia* L. and its results.] Byulleten Moskovskogo Obshchestve Ispytatelei Prirody Otdelenie Biologischeskii 78:120-124. (in Russian with English summary).

Gaidar, A. A. 1981. [The stock of gallinaceous birds in the Kirov Oblast Russian-SFSR USSR.] Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 86(3):45-51. (in Russian with English summary) (Hazel Grouse, Willow Ptarmigan, Black Grouse, Capercaillie).

Gajdar, A. A., and B. M. Zhitkov. 1974. [Method of age determination of *Tetrastes bonasia*.] Ekologiya 1974(3):102-103. In Russian, translated to English in Soviet Journal of Ecology 5:290-291.

Ganderson, H. L. 1959. The Ruffed Grouse drums. Flicker 31:12-13.

Gao, W., Z. Gao, C. Lu., and X. Li. 1997. Distribution and status of grouse in China. Wildlife Biology 3:294. Abstract only.

Garbutt, A. S. 1973. Some effects of photoperiod and temperature on the reproductive biology of Ruffed Grouse. M. Sc. Thesis. University of Guelph, Ottawa, Ontario.

Garbutt, A. S. 1980. Effects of various factors on the reproductive biology of Ruffed Grouse. Ph. D. Dissertation. University of Guelph.

Garbutt, A. 1981. The shoulder-spot display in Ruffed Grouse. Wilson Bulletin 93:98-99.

Garbutt, A., J. F. Leatherland, and A. L. A. Middleton. 1979. Seasonal changes in serum thyroid hormone levels in Ruffed Grouse maintained under natural conditions of temperarture and photoperiod. Canadian Journal of Zoology 57:2022-2027.

Garbutt, A., and A. L. A. Middleton. 1974. Molt sequence of captive Ruffed Grouse. Auk 91:421-423.

Garbutt, A. S., and A. L. A. Middleton. 1977. The rearing and maintenance of Ruffed Grouse, *Bonasa umbellus*, in captivity. University of Guelph, Ontario.

Garner, S. H. 1991. Aspen management for ruffed grouse: effects on male Ruffed Grouse and nongame bird populations. M. Sc. Thesis. North Dakota State University.

Gates, C. E., W. H. Marshall, and D. P. Olson. 1968. Line transect method of estimating grouse population densities. Biometrics 24:135-145.

Gavrin, V. F. 1969. [The ecology of Hazel Grouse in the Bielowicza Forest.] Gosud. Zapov. Ochotn. Choz. Belovezkaja Pusca Minsk 3:146-172. (in Russian).

Gerstberger, P., and R. Pfeifer (Eds.). 2009. Raufusshuehner: Schutz und Habitatoptimierung fuer Auer- und Haselhuhn. Ergebnisse eines Workshops in Friedenfels im Steinwald (Bayern) vom 8.-9. November 2007. [Grouse: conservation and habitat management for Capercaillies and Hazel Grouse. Proceedings of a workshop held in Friedenfels, Steinwald (Bavaria) from 8-9 November 2007.] Ornithologischer Anzeiger 48:3-91. (in German).

Gerstberger, P., and A. Spitznagel. 2009. [Cross border connectivity of grouse habitats in the 'Euregio Egrensis'.] Ornithologischer Anzeiger 48:43-49. (Hazel Grouse, Capercaillie). (in German with English summary).

Gilfillan, M. C., and H. Bezdek. 1944. Winter foods of the Ruffed Grouse, in Ohio. Journal of Wildlife Management 8:208-210.

Giroux, W. M. 2005. . Domaines vitaux et habitats d'elevage chez la gelinotte huppee *(Bonasa umbellus*) dans le domaine de la sapiniere a bouleau jaune. M.Sc. Thesis. Universite du Quebec a Trois-Rivieres (Canada). (Text in French and English).

Giroux, W., P. Blanchette, J.-C. Bourgeois, and G. Cabana. 2007. Ruffed Grouse brood habitat use in mixed softwood-hardwood Nordic-temperate forests, Quebec, Canada. Journal of Wildlife Management 71:87-95.

Gladfelter, H. L., and R. S. McBurney. 1971. Mating activity of Ruffed Grouse. Auk 88:176-177.

Gleason, L. R. 1924. An observation on the drumming of a Ruffed Grouse. Wilson Bulletin 36:28-29.

Godfrey, G. A. 1967. Summer and fall movements and behavior of immature Ruffed Grouse (*Bonasa umbellus* [L]). M. Sc. Thesis. University of Minnesota, St. Paul.

Godfrey, G. A. 1970. Snow roosting behavior of immature Ruffed Grouse. Auk

87:578-579.

Godfrey, G. A. 1975. Underestimation experienced in determining Ruffed Grouse brood size. Journal of Wildlife Management 39:191-193.

Godfrey, G. A. 1975. Home range characteristics of Ruffed Grouse broods in Minnesota. Journal of Wildlife Management 39:287-298.

Godfrey, G. A., and W. H. Marshall. 1969. Brood break-up and dispersal of Ruffed Grouse. Journal of Wildlife Management 33:609-620.

Gormley, A. 1996. Causes of mortality and factors affecting survival of Ruffed Grouse (*Bonasa umbellus*) in northern Michigan. M. Sc. Thesis. Michigan State University. 194pp.

Grabher, M. 1987. Observations on postembryonic development in 3 species of grouse, the Hazel Hen, the Black Grouse and the Capercaillie. Journal of Ornithology 128:395-396.

Graham, S. A., and G. S. Hunt. 1958. A noncyclic Ruffed Grouse population near Ann Arbor, Michigan. Journal of Wildlife Management. 22:427-432.

Grandison, J. L. 1972. Parasitic helminths in Ruffed Grouse, *Bonasa umbellus*, in east-central Ohio. M. Sc. Thesis. Ohio State University.

Grange, W. B. 1924. Ruffed Grouse traits: Intimate observations on the habits of this fascinating forest dweller. Forest and Stream Vol. XCIV, No. 10, p. 579 (8pp).

Grange, W. B. 1936. Some observations on the Ruffed Grouse in Wisconsin. Wilson Bulletin 48:104-110

Green, R. G., and J. E. Shillinger. 1932. A natural infection of the Sharp-tailed Grouse and the Ruffed Grouse by *Pasteurella tularensis*. Proceedings of the Society of Expermintal Biology and Medicine 30:284-287.

Green, R. G., and F. M. Wade. 1928. Ruffed Grouse are susceptible to tularemia. Proceedings of the Society for Experimental Biology and Medicine 25:515-517.

Greene, J., and J. Crum. 1986. Results of the 1986 Ruffed Grouse trap and transfer project. Michigan Department of Natural Resources, Wildlife Division Report no. 3050. 23pp.

Greenwood, C. J. 1977. The effect of auditory and selected environmental stimuli on hatching synchrony of Ruffed Grouse *Bonasa umbellus* Linneaus. M. Sc. Thesis. University of Guelph.

Gregersen, F., and H. Gregersen. 2009. Ongoing population decline and range contraction in Norwegian forest grouse. Ornis Norvegica 32:179-189. (Hazel Grouse, Black Grouse, Capercaillie).

Grinnell, J. 1916. A new Ruffed Grouse, from the Yukon Valley. Condor 18:166-167.

Gross, A. O. 1925. Diseases of the Ruffed Grouse. Auk 62:423-431.

Gross, A. O. 1925. Diseases of the Ruffed Grouse. Science 62:55-57.

Gross, A. O. 1931. Progress report of the New England Ruffed Grouse investigation committee. Massachusetts Fish and Game Association.

Gudlin, M. J. 1984. Evaluation of a second Ruffed Grouse restoration attempt in Benton County, Tennessee. M. Sc. Thesis. University of Tennessee, Knoxville.

Gudlin, M. J. 1984. Evaluation of a second Ruffed Grouse restoration attempt in Benton County, Tennessee. Tennessee Wildlife Resources Agency Technical Report. 66pp.

Gudlin, M. J., and R. W. Dimmick. 1984. Habitat utilization by Ruffed Grouse transplanted from Wisconsin to West Tennessee. Pages 75-88 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Guglielmo, C. G. 1993. Winter nutritional ecology of Ruffed Grouse: interactions between nutritional value and chemical defenses of browse. M. Sc. Thesis. University of Wisconsin, Madison.

Guglielmo, C. G., and W. H. Karasov. 1993. Endogenous mass and energy losses in Ruffed Grouse. Auk 110:386-390.

Guglielmo, C. G., and W. H. Karasov. 1995. Nutritional quality of winter browse for Ruffed Grouse. Journal of Wildlife Management 59:427-436.

Guglielmo, C. G., W. H. Karasov, and W. J. Jakuba. 1996. Nutritional costs of a plant secondary metabolite explain selective foraging by Ruffed Grouse. Ecology 77:1103-1115.

Gullion, G. W. 1961. A technique for winter trapping of Ruffed Grouse. Journal of Wildlife Management 25:429-430.

Gullion, G. W. 1963. Populations of grouse. Minnesota Division of Game and Fish Quarterly Report 23:77-113.

Gullion, G. W. 1964. Evaluation of food, cover and other grouse management practices. Minnesota Division of Game and Fish, Project C-35-R-8. 71pp.

Gullion, G. W. 1965. Improvements in methods for trapping and marking Ruffed Grouse. Journal of Wildlife Management 29:109-116.

Gullion, G. W. 1965. Ruffed Grouse cached by raptor. Loon 37:88.

Gullion, G. W. 1966. The use of drumming behavior in Ruffed Grouse population studies. Journal of Wildlife Management 30:717-729.

Gullion, G. W. 1967. Selection and use of drumming sites by Male Ruffed Grouse. Auk 84:87-112.

Gullion, G. W. 1967. The Ruffed Grouse in northern Minnesota. University of Minnesota, Forest and Wildlife Relations Project, Cloquet Forest Research Center, Cloquet, MN.

Gullion, G. W. 1970. Factors influencing Ruffed Grouse populations. Transactions of the North American Wildlife and Natural Resources Conference 35:93-105.

Gullion, G. W. 1970. Factors influencing Ruffed Grouse populations in the boreal forests of northern Minnesota, U.S.A. Finnish Game Research 30:103-117.

Gullion, G. W. 1970. The Ruffed Grouse in northern Minnesota. University of Minnesota Forest and Wildlife Relations Project Revisal FW67. No. 49. 37pp.

Gullion, G. W. 1972. Improving your forested lands for Ruffed Grouse. Miscellaneous Journal Series, Publication No. 1439. Minnesota Agricultural Experimental Station. 34pp.

Gullion, G. W. 1973. Grouse cycles: are they real? Minnesota Scientist 29:67-, 10-11.

Gullion, G. W. 1976. Reevaluation of “activity clustering” by male grouse. Auk 93:192-193.

Gullion, G. W. 1977. Forest manipulation for Ruffed Grouse. Transactions of the North American Natural Resources Conference 42:449-458.

Gullion, G. W. 1981. Non-drumming males in a Ruffed Grouse population. Wilson Bulletin 93:372-382.

Gullion, G. W. 1981. The impact of goshawk predation upon Ruffed Grouse. Loon 53:82-84

Gullion, G. W. 1981. 'Tame' Ruffed Grouse. Loon 53:101-103.

Gullion, G. W. 1982. Rejuvenation and maintenance of forest habitats for the American Ruffed Grouse. Pp. 11-29 in T. W. Lovel, ed., Proceedings of the 2nd. International Symposium on Grouse. World Pheasant Association, Exning, England.

Gullion, G. W. 1983. Ruffed Grouse habitat manipulation: Mille Lacs Wildlife Management Area, Minnesota. Minnesota Wildlife Research Quarterly 43:25-98.

Gullion, G. 1984. Grouse of the North Shore. Willow Creek Press, Oshkosh, Wisconsin. 136pp.

Gullion, G. W. 1984. Ruffed Grouse management – where do we stand in the eighties? Pp. 169-181 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Gullion, G. W. 1988. Aspen management for Ruffed Grouse. U S Forest Service General Technical Report NC. Pp. 9-12.

Gullion, G. W. 1990. Ruffed Grouse use of conifer plantations. Wildlife Society Bulletin 18:183-187.

Gullion, G. W. 1990. Management of aspen for Ruffed Grouse and other wildlife - an update. U S Forest Service General Technical Report NC Pages: 133-143.

Gullion, G. W., and A. A. Alm. 1983. Forest management and ruffed grouse populations in a Minnesota coniferous forest. Journal of Forestry 81:529-532.

Gullion, G. W., R. L. Eng, and J. J. Kupa. 1962. Three methods for individually marking Ruffed Grouse. Journal of Wildlife Management 26:404-407.

Gullion, G. W., and G. B. Evans. 1982. Are we overshooting late season grouse? Wisconsin Sportsman 11:18-23.

Gullion, G. W., R. T. King, and W. H. Marshall. 1962. Male Ruffed Grouse and thirty years of forest management on the Cloquet Forest Research Center, Minnesota. Journal of Forestry 33:617-622.

Gullion, G. W., and W. H. Marshall. 1968. Survival of Ruffed Grouse in a boreal forest. Living Bird 7:117-167.

Gutierrez, R. J., G. S. Zimmerman, and G. W. Gullion. 2003. Daily survival rates of Ruffed Grouse *Bonasa umbellus* in northern Minnesota. Wildlife Biology 9:351-356.

Hachler, E. M. 1951. A new local race of the Hazel-Grouse (*Tetrastes bonasia* (L.))

from the East Carpathian Mountains. Aquila 51-54:82-84.

Haga, R., and S. Takamata. 1986. Ecology and breeding biology of the Hazel Grouse in captivity: breeding, artificial insemination and rearing control. Tori 34:105-125. (In Japanese with English summary). Summary reprinted in Grouse News 3:9-10.

Haga, R., S. Yokota, and S. Takamata. 1987. Ecology and breeding biology of the Hazel Grouse *Tetrastes bonasia* in captivity. 2. Home range, circadian rhythm and roosting behavior in winter in eastern Hokkaido. Japanese J. Ornithol. 35:145-154. (In Japanese with English summary). Summary reprinted in: Grouse News 3:11-12.

Hagar, D. C. Jr. 1954. Ruffed Grouse, *Bonasa umbellus umbellus* (L.) populations on two areas in central Massachusetts. M. Sc. Thesis. University of Massachusetts, Amherst.

Hainsworth, W. P. 1934. Ruffed Grouse and hawk survival. Wilson Bulletin 46:256-157.

Hale, J. B., and R. S. Dorney. 1963. Seasonal movements of Ruffed Grouse in Wisconsin. Journal of Wildlife Management 27:648-658.

Hale, J. B., and R. F. Wendt. 1951. Amphibians and snakes as Ruffed Grouse food. Wilson Bulletin 63:200-201.

Hale, J. B., and R. F. Wendt. 1951. Ruffed Grouse hatching dates in Wisconsin. Journal of Wildlife Management 15:195-199.

Hale, J. B., R. F. Wendt, and G. C. Halazon. 1954. Sex and age criteria for Wisconsin Ruffed Grouse. Wisconsin Conservation Department Technical Bulletin No. 9. P-R Project 13-R.

Hale, P. E. 1978. Drumming site selection by Ruffed Grouse in northern Georgia. M. Sc. Thesis. University of Georgia.

Hale, P. E. 1983. Use of discriminant function to characterize Ruffed Grouse drumming sites in Georgia – a reply. Journal of Wildlife Management 47:1152.

Hale, P. E., J. J. Jackson, and A. S. Johnson. 1978. Another Ruffed Grouse from Athens, Georgia. Oriole 43(4):55-56.

Hale, P. E., A. S. Johnson, and J. L. Landers. 1982. Characteristics of Ruffed Grouse drumming sites in Georgia. Journal of Wildlife Management 46:115-123.

Hammill, J. H., R. J. Moran, and J. Verner. 1986. A habitat model for Ruffed Grouse in

Michigan. Pp. 15-18 IN: Wildlife 2000: modelling habitat relationships of terrestrial vertebrates.

Hammil, J., and L. Visser. 1984. Status of aspen in northern Michigan as Ruffed Grouse habitat. Pp. 123-136 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Hamilton, T. E. 1979. Goshawk preys on Ruffed Grouse. Jack-Pine Warbler 57:162-163.

Han, S.-H., and Y. Fujimaki. 1996. Review of the distribution of Hazel Grouse in the Korean Peninsula. Grouse News 12:11-15.

Handschuh, M. 2004. Zur Eignung von Jungwaeldern auf ehemaligen Sturmwurfflaechen im Nordschwarzwald als Lebensraum fuer das Haselhuhn (*Bonasa bonasia*) - ein Vergleich mit besiedelten Jungwaeldern der suedlichen Vogesen. The suitability of young forest stands on former wind-throw areas in the northern Black Forest as habitat for the Hazel Grouse (*Bonasa bonasia*): a comparison with forest stands in the southern Vosges Mountains. Ornithologische Jahreshefte fuer Baden-Wuerttemberg 20:1-112. (in German with English summary).

Hansen, C. P. 2009. Occupancy modeling of Ruffed Grouse in the Black Hills National Forest. M. Sc. Thesis. University of Missouri-Columbia. 134pp.

Hansen, C. P., J. J. Millspaugh, and M. A. Rumble. 2011. Occupancy modeling of Ruffed Grouse in the Black Hills National Forest. Journal of Wildlife Management 75:71-77.

Hansen, C. P., M. A. Rumble, and J. J. Millspaugh. 2011. Ruffed Grouse selection of drumming sites in the Black Hills National Forest. American Midland Naturalist 165:400-411.

Hanson, C. L. 1963. Ruffed Grouse age and sex ratios: 1960-1961 hunting season. Game Reseacrh of Ohio 2:34-38.

Hanson, C. L. 1963. Ruffed Grouse harvest: 1960-1961 hunting season. Game Research of Ohio 2:38-41.

Hanson, G. A. 1986. Evaluation of Ruffed Grouse transplants. Completion report (September 1, 1982 - September 30, 1985). Iowa, project no: W-115-R, Wildlife Research and Surveys in Iowa, Study no. 26.

Hardy, F. C. 1950. Ruffed Grouse studies in eastern Kentucky. Kentucky Division of

Fish and Game, Federal Aid Unit Project. 18-R. 25pp.

Hardy, F. C. 1951. Ruffed Grouse nest predation by blacksnakes. Wilson Bulletin 63:42-43.

Hardy, M. 1898. Enemies of grouse. Forest and Stream Mar. 19, 1898. Vol. L: 226.

Harris, M. J. 1981. Spring and summer ecology of Ruffed Grouse in northern Georgia. M. Sc. Thesis. University of Georgia.

Haulton, G. S. 1999. Ruffed Grouse natality, chick survival, and brood micro-habitat selection in the southern Appalachians. M. Sc. Thesis. Virginia Polytech University.

Haulton, G. S., D. F. Stauffer, R. L. Kirkpatrick, and G. W. Norman. 2003. Ruffed Grouse (*Bonasa umbellus*) brood microhabitat selection in the Southern Appalachians. American Midland Naturalist 150:95-103.

Hawkins, A. 1988. A remnant grouse population. Loon 60:10-11.

Hawkins, A. S. 1937. Winter feeding at Faville Grove, 1935-1937. Journal of Wildlife Management 1:62-69.

Hayslip, G. A. 1984. Land management model for Ruffed Grouse and timber revenues. M. Sc. Thesis. Michigan State University.

Hazel, R. B. 19XX. A study of the biology, population and management of the Ruffed Grouse (*Bonasa umbellus* subsp.) in central Pennsylvania during the upswing of the cycle .. M. Sc. Thesis. Pennsylvania State University. 128pp.

Hazel Grouse Research Group of the Higashi Taisetsu Naturalist Club. 2005. [The census of Hazel Grouse *Tetrastes bonasia vicinitas* at Tokachi-Mitsumata, central Hokkaido.] Bulletin of the Higashi Taisetsu Museum of Natural History 27:27-30. (in Japanese with English summary).

He, F.-Q., and Y.-Z. Ceng. 1987. Present status of Chinese Hazel Grouse in North-Western Yunnan. Proceedings of the 4th. International Grouse Symposium Pp.199-202.

Headstrom, B. R. 1928. Threatened extinction of the Ruffed Grouse. Science 67:373.

Healy, W. M., R. O. Kimmel, D. A. Holderman, and W. Hunyadi. 1980. Attracting Ruffed Grouse broods with tape-recorded chick calls. Wildlife Society Bulletin 8:69-71.

Heath, R. G. 1961. A theoretical analysis of an audio-index. M. Sc. Thesis. Michigan

State University. 38pp. (Ruffed Grouse).

Hein, D. 1970. Dust-bathing sites selected by Ruffed Grouse. Wilson Bulletin 82:310-314

Hein, D. 1970. The Ruffed Grouse near the southeast edge of its range. Journal of the Elisha Mitchell Scientific Society 86:139-145.

Hejduk, J., and J. Markowski. 2002. Wystepowanie bociana czarnego *Ciconia nigra* (L.), cietrzewia *Tetrao tetrix* (L.) i jarzabka *Bonasa bonasia* (L.) w regionie lodzkim (Wyniki badan ankietowych). [The occurrence of Black Stork *Ciconia nigra* (L.), Black Grouse *Tetrao tetrix* (L.) and Hazel Hen *Bonasa bonasia* (L.) in Lodz region (the results of an enquiry). Acta Universitatis Lodziensis Folia Biologica et Oecologica 1:217-225. (in Polish with English summary).

Helle, P., V. Belkin, L. Bjudnik, P. I. Danilov, and A. Jakimov. 2003. Metsakanalintukannat Suomessa ja Venajan Karjalassa. [Changes in grouse populations in Finland and Russian Karelia during recent decades.] Suomen Riista 49:32-43. (in Finnish with English summary).

Helle, P., and J. Lindstrom. 1991. Censusing tetraonids by the Finnish wildlife triangle method: principles and some applications. Ornis Fennica 68:148-157.

Herman, C. M., J. Hynson, and S. D. Schemnitz. 1972. Malaria in woodcock and Ruffed Grouse in Maine. Journal of Wildlife Diseases 8:318.

Herres, B. 1978. The Ruffed Grouse. Maryland Conservationist 54(6):15-18.

Hewitt, D. G. 1994. Ruffed Grouse nutrition and foraging in the southern Appalachians. Ph. D. Dissertation. Virginia Polytech Institute and State University.

Hewitt, D. G. 1996. Review of Ruffed Grouse ecology and management with implications for the Central Rocky Mountains. Utah State University 48pp.

Hewitt, D. G., D. M. Keppie, and D. F. Stauffer. 2001. Predation effects on forest grouse recruitment. Wildlife Society Bulletin 29:16-23.

Hewitt, D. G., and R. L. Kirkpatrick. 1993. Ground nest predation and Ruffed Grouse densities in southwest Virginia. Wilson Bulletin 105:521-524.

Hewitt, D. G., and R. L. Kirkpatrick. 1996. Forage intake rates of Ruffed Grouse and potential effects on grouse density. Canadian Journal of Zoology 74:2016-2024.

Hewitt, D. G., and R. L. Kirkpatrick. 1997. Daily activity times of Ruffed Grouse in southwestern Virginia. Journal of Field Ornithology 68:413-420.

Hewitt, D. G., and R. L. Kirkpatrick. 1997. Ruffed Grouse consumption and detoxification of evergreen leaves. Journal of Wildlife Management 61:129-139.

Hewitt, D. G., N. W. Lafon, and R. L. Kirkpatrick. 1997. Effect of tannins on galliform cecal partitioning. Physiological Zoology 70:175-180.

Hewitt, D. G., and T. A. Messmer. 2000. Ruffed Grouse (*Bonasa umbellus*) foraging in aspen stands during winter in northern Utah. Western North American Naturalist 60:211-215.

Hewitt, D. G., F. A. Servello, and R. L. Kirkpatrick. 1992. Ruffed Grouse food availability in southwestern Virginia. Proceedings of the 46th. Annual Conference of Southeastern Association of Fish and Wildlife Agencies. Pp. 207-214.

Hewitt, D. G., F. A. Servello, and R. L. Kirkpatrick. 1999. Ruffed Grouse food availability in southwestern Virginia. NCASI Technical Bulletin n 781 I:235.

Higgelke, P. E., and H. L. MacLoed. 2000. Ruffed Grouse (*Bonasa umbellus*). Prepared for Millar Western Forest Products' Biodiversity Assessment Project. KBM Forestry Consultants Inc., Thunder Bay, Ontario. 17pp.

Hill, D. C., E. V. Evans, and H. G. Lumsden. 1968. Metabolizable energy of apsen flower buds for captive Ruffed Grouse. Journal of Wildlife Management 32:854-858.

Hines, J. A. 1984. Fall and winter habitat of Ruffed Grouse in the Qu'Appelle Valley, Saskatchewan. Saskatchewan Culture and Recreation. Natural History Contributions No. 6.

Hodge, C. F. 1906. Drumming of the Ruffed Grouse. American Ornithology 6:99-102.

Hoff, J. G. 1984. Observations on male Ruffed Grouse, *Bonasa umbellus*, accompanying brood. Canadian Field-Naturalist 98:49-50.

Hoffman, R. W., and C. E. Braun. 1978. Characteristics and status of Ruffed Grouse and Blue Grouse in Colorado. Western Birds 9:121-126.

Hoffman, R. S., R. G. Janson, and F. Hartkorn. 1958. Effect on grouse populations of DDT spraying for spruce budworm. Journal of Wildlife Management 22:92-93.

Hofmeister, M. 2009. [Results of a questioning census of Hazel Grouse in the county of Regen 2007 (without the National Park 'Bavarian Forest').] Ornithologischer Anzeiger 48:88-91. (in German with English summary).

Hollifield, B. K. 1992. Arthropod availability in relation to Ruffed Grouse brood habitat in the southern Appalachians. M. Sc. Thesis. University of Tennessee,

Knoxville.

Hollifield, B. K., and R. W. Dimmick. 1995. Arthropod abundance relative to forest management practices benefiting Ruffed Grouse in the southern Appalachians. Wildlife Society Bulletin 23:756-764.

Holroyd, G. L., E. G. Beaubien, and W. M. Holroyd. 1993. A Ruffed Grouse's last meal. Alberta Naturalist 23(2):15-16.

Holzwart, J. C. 1990. Survival and reproduction of Ruffed Grouse in central Wisconsin. M. Sc. Thesis University of Wisconsin, Madison.

Horak, V. 1998. [Observation of the gallinaceous birds (Galliformes) on the plateau of the Ore Mountains (Krusne hory) in the Most area.] Fauna Bohemiae Septentrionalis 23:51-54. (in Czech with English summary) (Black Grouse, Hazel Grouse).

Hornfelt, B., O. Lofgren, and B.-G. Carlsson. 1986. Cycles in voles and small game in relation to variations in plant production indices in Northern Sweden. Oecologia 68:496-502.

Howe, C. D. 1904. A tame Ruffed Grouse. Bird Lore 6:81-85.

Howerth, E. W., L. F. Schorr, and V. F. Nettles. 1986. Neoplasia in free-flying Ruffed Grouse (*Bonasa umbellus*). Avian Diseases 30:238-240.

Hoyt, W. L. 1966. Habitat management of a poletimber forest in central Massachusetts for Ruffed Grouse. M. Sc. Thesis. University of Massachusetts.

Huboux, R., P. Leonard, and L. Ellison. 1994. Valeur de la methode du rappel sur itineraire pour le suivi des populations de males de gelinotte des bois (*Bonasa bonasia*). [Value of the method of the recall on itineraire for the follow-up of the populations of males of Hazel Grouse (*Bonasa bonasia*).] Gibier Faune Sauvage, Game and Wildlife 11:1-19. (in French).

Huckabee, A. E. 2000. Active Ruffed Grouse nest found in South Carolina. Chat 64:144-145.

Huempfner, R. A. 1981. Winter arboreal feeding behavior of Ruffed Grouse in east-central Minnesota. M. Sc. Thesis. University of Minnesota, St. Paul.

Huempfner, R. A., S. J. Maxson, G. J. Erickson, and R. J. Schuster. 1975. Recapturing radio-tagged grouse by nightlighting and snow-burrow netting. Journal of Wildlife Management 39:821-823.

Huempfner, R. A., and J. R. Tester. 1988. Winter arboreal feeding behavior of Ruffed

Grouse in east-central Minnesota. Pp. 122-157 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). University of Minnesota Press, Minneapolis.

Huff, D. E. 1970. A study of selected nutrients in browse available to the Ruffed Grouse. M. Sc. Thesis. University of Minnesota, St. Paul.

Huff, D. E. 1973. A preliminary study of Ruffed Grouse-aspen nutrient relationships. Ph. D. Dissertation. University of Minnestoa, St. Paul.

Hungerford, K. E. 1951. Ruffed Grouse populations and cover use in northern Idaho. Proceedings of the North American Wildlife Conference 16:216-224.

Hungerford, K. E. 1952. The ecology and management of the Idaho Ruffed Grouse (*Bonasa umbellus phaia*). Ph. D. Dissertation. University of Michigan.

Hungerford, K. E. 1953. Some observations on the life history of the Idaho Ruffed Grouse. The Murrelet 34:35-40.

Hungerford, K. E. 1957. Evaluating Ruffed Grouse foods for habitat improvement. Transactions of the North American Wildlife Conference 22:380-395.

Hunt, R. W. 1938. Studies on census methods of Ruffed Grouse. M. Sc. Thesis. University of Minnesota.

Hunyadi, B. W. 1978. Analysis of Ruffed Grouse habitat in central Missouri. M. Sc. Thesis. University of Missouri, Columbia.

Hunyadi, B. W. 1984. Ruffed Grouse habitat studies and evaluation of releases on Monkey Mountain and Honey Creek wildlife areas, and adjacent private lands: Final report. Missouri Department of Conservation.

Hunyadi, B.W. 1984. Ruffed Grouse restoration in Missouri. Pages 21-35 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Hutchison, N. 1983. A Ruffed Grouse at Roswell. Oriole 48(4):64-65.

Inman, D. L. 1973. Cellulose digestion in Ruffed Grouse, Chukar Partridge, and Bobwhite Quail. Journal of Wildlife Management 374:114-121.

Ishii, N. 1942. New parasite records from the Ruffed Grouse. Journal of Parasitology 28:92.

Isomursu, M. P. Helle, and O. Ratti. 2004. Intestinal helminths in Finnish grouse.

Soumen Riista 50:90-100. (In Finnish with English abstract)

Isomursu, M., O. Ratti, P. Helle, and T. Hollmen. 2006. Sex and age influence intestinal parasite burden in three boreal grouse species. Journal of Avian Biology 37:516-522.

Isomursu, M., O. Ratti, P. Helle, and T. Hollmen. 2008. Parasitized grouse are more vulnerable to predation as revealed by a dog-assisted hunting study. Annals Zoologica Fennica 45:496-502. (Hazel Grouse, Black Grouse, Capercaillie).

Isomursu, M., O. Ratti, P. Helle, and T. Hollmen. 2010. Intestinal parasite Infection exposes grouse to canine predators. Acta Veterinaria Scandinavica 52(Suppl. 1):S31. (Capercaillie, Black Grouse, Hazel Grouse) (abstract only).

Ivanter, E. V. 1962. On biology of the Hazel-Grouse in Karelia. Ornitologia 4:87-98.

Jacob, L. 1987. Le Regime Alimentaire du Grand Tetras (*Tetrao urogallus* L.) et de la Gelinotte des Bois (*Bonasa bonasia* L.) dans le Jura. [Food habits of Capercaillie (*Tetrao urogallus* L.) and Hazel Grouse (*Bonasa bonasia* , L.) in the Jura.] Ph. D. Dissertation. 116pp. (in French).

Jacob, L. 1988. Regime alimentaire du grand tetras (*Tetrao urogallus*, L.) et de la gelinotte des bois (*Bonasa bonasia*, L.) dans le Jura. [Food habits of Capercaillie (*Tetrao urogallus* L.) and Hazel Grouse (*Bonasa bonasia* , L.) in the Jura.] Acta Oecolog. 9:347-370. (in French with English summary).

Jacob, L. 1988. [Diet of the Hazel Hen (*Bonasa bonasia* L.): a review.] Gibier Faune Sauvage 5:95-111. (in French).

Jacobson, K. A. 1937. Ruffed Grouse census methods with an evaluation of those adaptable to northern New England. M. Sc. Thesis. University of Maine.

Jagolkowska-Tkaczuk, P., P. Rutkowski, and M. Keller. 2006. Taxonomical consequences of genetic diversity of Polish Hazel Grouse. Journal of Ornithology 147(5): 187-188, Suppl. 1. (Abstract only).

Jakubas, W. J. 1989. Ruffed Grouse feeding behavior and ecology: its relationship to the chemical composition of quaking aspen flower buds. Ph. D. Dissertation. University of Minnesota. 132pp.

Jakubas, W. J., C. G. Guglielmo, C. Vispo, and W. H. Karasov. 1995. Sodium balance in Ruffed Grouse as influenced by sodium levels and plant secondary metabolites in quaking aspen. Canadian Journal of Zoology 73:1106-1114.

Jakubas, W. J., and G. W. Gullion. 1990. Coniferyl benzoate in quaking aspen: a Ruffed Grouse feeding deterrent. Journal of Chemical Ecology 16:1077-1087.

Jakubas, W. J., and G. W. Gullion. 1991. Use of quaking aspen flower buds by Ruffed Grouse: its relationship to grouse densities and bud chemical composition. Condor 93:473-485.

Jakubas, W. J., G. W. Gullion, and T. P. Clausen. 1989. Ruffed Grouse feeding behavior and its relationship to secondary metabolites of quaking aspen flower buds. Journal of Chemical Ecology 15:1899-1917.

Jakubas, W. J., W. H. Karasov, and C. G. Guglielmo. 1993. Ruffed Grouse tolerance and biotransformation of the plant secondary metabolite coniferyl benzoate. Condor 95:625-640.

Jakubas, W. J., W. H. Karasov, and C. G. Guglielmo. 1993. Coniferyl benzoate in quaking aspen (*Populus tremuloides*): its effect on energy and nitrogen digestion and retention in Ruffed Grouse (*Bonasa umbellus*). Physiological Zoology 66:580-601.

Jakubas, W. J., B. C. Wentworth, and W. H. Karasov. 1993. Physiological and behavioral effects of coniferyl benzoate on avian reproduction. Journal of Chemical Ecology 19:2353-2377.

James, D. A., K. G. Smith, and M. R. Widner. 1987. Reproduction, dispersal, survivorship, habitat use, and food habits of Ruffed Grouse. Final report, Federal Aid and Restoration Act Arkansas Federal Aid Project No. W-56:II-D1. Prepared for the Arkansas Game and Fish Commission and U.S. Fish and Wildlife Service. 85pp.

Jamnicky, J. 2001. Lov hluchanovitych vtakov (Tetraonidae) na Slovensku pred sto rokmi. [Hunting of tetraonides (Tetraonidae) in former Slovakia one hundred years ago.] Folia Venatoria 30-31:299-306. (in Slovanian with English summary). (Black Grouse, Capercaillie, Hazel Grouse).

Jamrozy, G. 1991. The occurrence of the Capercaile [Capercaillie] *Tetrao urogallus* (L.), the Black Grouse *Tetrao tetrix* (L.), and the Hazel Grouse *Bonasa bonasia* (L.) in the Polish Carpathians. Przeglad Zoologiczny 35:361-368.

Janossy, D. 1975. Some new data on faunistical exchanges through the Bering-Bridge. Aquila 80-81:87-89. (Ruffed Grouse, Hazel Grouse, American Spruce Grouse, Siberian Spruce Grouse, Willow Ptarmigan, Rock Ptarmigan).

Jansson, G., P. Angelstam, J. Aberg, and J. E. Swenson. 2003. Management targets for the conservation of Hazel Grouse in forest landscapes. Ecology Bulletin 51:259-264.

Jarvinen, O., and R. A. Vaisenen. 1984. Numbers of breeding Capercaillie, Black

Grouse and Hazel Hen in Finland in 1973-77. Suomen Riista 31:60-73.

Ji, T., Jia, C.-X., Jiang, Y.-X., and Sun, Y.-H. 2005. Spring habitat selection of the Chinese Grouse at Lianhuashan. Chinese Journal of Zoology 40:49-53.

Jie, W., Y. Chen, L. Nan, F. Yun, and Y.-H. Sun. 2010. Diet of Chinese Grouse (*Tetrastes sewerzowi*) during preincubation. Wilson Journal of Ornithology 122:177-180.

Jie, W., L. Nan, Y. Chen, C. Hai-Zhong, and Y. H. Sun. 2010. Anatomy of digestive system of the Chinese Grouse (*Tetrastes sewerzowi*). Chinese Journal of Zoology 45:122-126. (in Chinese with English abstract).

Joachim, J., B. Cargnelutti, C. Cibien, and C. Nappee. 1998. Evaluation par télédétection des biotopes à gélinotte des bois (*Bonasa bonasia*) dans le parc national des Cévennes. [Evaluation of Hazel Grouse (*Bonasa bonasia*) biotopes in the Cevennes National Park by remote sensing.] Gibier Faune Sauvage 15:31-45. (in French).

Johnson, D. E. 1999. Ruffed Grouse productivity and habitat selection at the base of the Beartooth Plateau in southcentral Montana. M. Sc. Thesis. Montana State University.

Johnson, R. A., 1926. A study of the natural history of the Ruffed Grouse in the Syracuse area of New York. M. Sc. Thesis. New York State College of Forestry.

Johnson, R. A. 1927. The Ruffed Grouse in winter. Auk 44:319-321.

Johnson, R. A. 1928. The fall food habits of the Ruffed Grouse in the Syracuse area of New York. Auk 45:330-333.

Jones, B. C. 2005. Ruffed Grouse habitat use, reproductive ecology, and survival in western North Carolina. Ph. D. Dissertation. University of Tennessee, Knoxville.

Jones, B. C., C. L. Dobey, J. L. Kleitch, C. A. Harper, D. A. Buehler, W. G. Minser, and G. S. Warburton. 2008. Ruffed grouse survival and population structure in western North Carolina. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 62:51-57.

Jones, B. C., and C. A. Harper. 2007. Ruffed Grouse (*Bonasa umbellus*) use of stands harvested via alternative regeneration methods in the southern Appalachians. U. S. Forest Service General Technical Report SRS 101:375-382.

Jones, B. C., C. A. Harper, D. A., Buehler, and G. S. Warburton. 2005. Use of spring drumming counts to index Ruffed Grouse populations in the Southern Appalachians. Proceedings of the Annual Conference of the Southeastern

Association of Fish and Wildlife Agencies 59:135-143.

Jones, B., C. Harper, and D. Whitaker. 2004. Management recommendations: habitat management. Pp. 47-54 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Jones, B. C., J. L. Kleitch, C. A. Harper, and D. A. Buehler. 2008. Ruffed Grouse brood habitat use in a mixed hardwood forest: Implications for forest management in the Appalachians. Forest Ecology and Management 255:3580-3588.

Jones. L. 1940. The drumming of the Ruffed Grouse. Wilson Bulletin 52:94-96.

Jones, L. F. 1979. Evaluation of a Ruffed Grouse restoration attempt on the Western Highland Rim in Tennessee. M. Sc. Thesis. University of Tennessee, Knoxville.

Jones, M. F. 1935. The cestode *Hytnenolopis microps* (Hymenolepididae) in Ruffed Grouse (*Bonasa umbellus*). Proceedings of the Helminth Society of Washington. 2:92.

Jordan, J. S., and W. M. Sharp. 1967. Seeding and planting hemplock for Ruffed Grouse cover. U. S. Forest Service Research Paper NE-83.

June, J. W. 1967. Sage Grouse sexing and aging characteristics, Blue Grouse sexing and aging characteristics, Ruffed Grouse sexing and aging characteristics: Completion Report. Wyoming Game and Fish Commission.

June, J. 1969. The haunts of Blue and Ruffed Grouse. Wyoming Wildllife 33(10):26-29.

Kaiser, N., B. Mulhauser, and S. Santiago. 2003. Description des indices permettant de deceler la presence de la gelinotte des bois *Bonasa bonasia*. [Description of indices permitting detection of the presence of the Hazel Grouse *Bonasa bonasia*.] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:83-106. (in French with English summary).

Kalla, P. I. 1991. Studies on the biology of Ruffed Grouse in the southern Appalachian Mountains. Ph. D. Dissertation. University of Tennessee.

Kalla, P.I., and R.W. Dimmick. 1987. Evaluation of a Ruffed Grouse reintroduction in Tennessee. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 41:365-372.

Kalla, P.I., and R.W. Dimmick. 1995. Reliability of established aging and sexing methods in Ruffed Grouse. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 49:580-593.

Kalla, P. I., R. W. Dimmick, and S. Patton. 1997. Helminths in Ruffed Grouse at the hosts southeastern range boundary. Journal of Wildlife Diseases 33:503-510.

Kampfer-Lauenstein, A. 1995. Home ranges, habitat and dispersal of radio-marked Hazel Grouse in the National Park `Bayerischer Wald', Germany - Preliminary results. Proceedings of the 6th. International Grouse Symposium. Pp. 77-80.

Kampfer-Lauenstein, A. 1997. Habitat selection of Hazel Grouse *Bonasa bonasia* and natural dynamics in different central European woodland associations. Wildlife Biology 3:289. Abstract only.

Keith, L. B., and D. H. Rusch. 1989. Predation's role in the cyclic fluctuations of Ruffed Grouse. Acta. XIX Congr. Intern. Ornithol. :699-732.

Kelly, S.T., and C.M. Kirkpatrick. 1978. Evaluation of a Ruffed Grouse reintroduction in northern Indiana. Proceedings of the Indiana Academy of Science 87:173.

Kelly, S.T., and C.M. Kirkpatrick. 1979. Evaluation of a Ruffed Grouse reintroduction in northern Indiana. Wildlife Society Bulletin 7:287-291.

Kenaga, E. E., M. A. Wolf, and A. E. Doty. 1955. A mixed clutch of Ruffed Grouse and Ring-necked Pheasant eggs hatch on the same day. Auk 72:80-81.

Kendall, R. J., G. R. Norman, and P. F. Scanlon. 1980. Lead concentrations in Ruffed Grouse (*Bonasa umbellus*) collected from southwestern Virginia, USA. Virginia Journal of Science 31:100.

Kendall, R. J., G. W. Norman, and P. F. Scanlon. 1984. Lead concentrations in Ruffed Grouse collected from southwestern Virginia. Northwest Science 58:14-17.

Keppie, D. M., and J. M. Kierstad. 2003. The need to improve our attention to scale of resolution in grouse research. Wildlife Biology 9:385-391.

Keve, A. 1948. Preliminary note on the geographical variation of the Hazel-Grouse (*Tetrastes bonasia* [L.]). Dansk. orn. Foren. Tidsskr. 42:162-164.

Kimmel, R. O. 1982. Ruffed Grouse brood habitat on reclaimed surface mines in West Virginia. Ph. D. Dissertation. West Virginia University, Morgantown. 129pp.

Kimmel, R. O., and D. E. Samuel. 1978. Feeding behavior of young Ruffed Grouse in West Virginia. Transactions of the Northeast Section of the Wildlife Society 35:43-51.

Kimmel, R. O., and D. E. Samuel. 1984. Ruffed Grouse brood habitat on reclaimed surface mines in West Virginia. Minerals and the Environment 6:150-153.

Kimmel, R. O., and D. E. Samuel. 1984. Implications of Ruffed Grouse brood habitat in West Virginia. Pp. 89-108 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Kind, T. C., J. L. Benson, R. L. Lowe, and M. C. Cope. 1986. Remote sensing of Ruffed Grouse habitat in the Kentucky portion of Land Between The Lakes, TVA, utilizing landsat MSS and TM data sets. Technical Papers of the American Society of Photogrammetry. Fall 1986: 322-334.

King, R. D. 1969. Spring and summer foods of Ruffed Grouse on Vancouver Island. Journal of Wildlife Management 33:440-442.

King, R. T. 1937. Ruffed Grouse management. Journal of Forestry 35:523-532.

King, R. T. 1943. Ruffed Grouse Management. Roosevelt Wildlife Bulletin 8:62-68.

Kingston, N. 1958. Preliminary report on the life histories of a liver-fluke and kidney-fluke from the Ruffed Grouse in Algonquin Park, Ontario. Journal of Parasitology 44:12-13.

Kingston, N. E. 1961. On the morphology and life cycles of the trematodes, *Brachylecithum orfi*, Kingston and Freeman, 1959, and *Tanaisia zarudnyi* (Skrjabin, 1924) Byrd and Denton, 1950, from the Ruffed Grouse, *Bonasa umbellus* L. Ph. D. Dissertation. University of Toronto. 189pp.

Kingston, N. 1965. On the life cycle of *Brachylecithum orfi* Kingston and Freeman, 1959 (Trematoda: Dicrocoeliidae), from the liver of the Ruffed Grouse, *Bonasa umbellus* L. infections in the vertebrate and molluscan hosts. Canadian Journal of Zoology 43:745-64.

Kingston, N. 1965. On the morphology and life cycle of the trematode *Tanaisia zarudnyi* (Skrjabin, 1924) Byrd and Denton, 1950, from the Ruffed Grouse, *Bonasa umbellus* L. Canadian Journal of Zoology 43:953-969.

Kingston, N., and R. S. Freeman. 1959. On the trematodes *Brachylecithum orfi* sp. nov. (Dicrocoeliidae) and *Tanaisia* sp. (Eucotylidae) from the Ruffed Grouse, *Bonasa umbellus* L. Canadian Journal of Zoology 37:121-127.

Kitchen, D. A. 1979. Line transect studies for monitoring Ruffed Grouse populations. M. Sc. Thesis. University of New Brunswick.

Kittams, W. H. 1943. October foods of Ruffed Grouse in Maine. Journal of Wildlife Management 2:231-233.

Klaus, S. 1995. Hazel Grouse in the Bohemian Forest – results of a twenty year study. Proceedings of 6th. International Grouse Symposim, Udine, Italy 6:27-33.

Klaus, S. 1996. Hazel Grouse in Bohemian Forest: results of a 24-year-long study. Silva Gabreta 1:209-219.

Klaus, S. 2007. A 33-year study of Hazel Grouse *Bonasa Bonasia* in the Bohemian Forest, Šumava, Czech Republic: Effects of weather on density in Autumn. Wildlife Biology 13 (Suppl. 1): 105-108.

Klaus, S., and H. H. Bergmann. 2004. Situation der waldbewohnenden Raufusshuhnarten Haselhuhn *Bonasa bonasia* und Auerhuhn *Tetrao urogallus* in Deutschland - Oekologie, Verbreitung, Gefaehrdung und Schutz. [Current status of the woodland grouses Hazel Grouse *Bonasa bonasia* and Capercaillie *Tetrao urogallus* in Germany - ecology, distribution, threats, and conservation. Volgewelt 125:283-295. (in German with English abstract).

Klaus, S., H. Hoffmann, and P. R. Heinrich. 2009. [Hazel Grouse *Bonasa bonasia* – reintroduction in the Thuringian Frankenwald (Germany).] Ornithologischer Anzeiger 48:83-87. (in German with English summary).

Klaus, S., W. Scherzinger, and Y.-H. Sun. 1995. Studies of the Chinese Hazel Grouse in Gansu Province, central China. Grouse News 9:11-14.

Klaus, S., W. Scherzinger, and Y.-H. Sun. 1996. Okologie und Verhalten des Chinahaselhuhns *Bonasa sewerzowi*. [Ecology and behaviour of the Chinese grouse *Bonasa sewerzowi*.] Ornithologische Beobachter 93:343-365. (in German).

Klaus, S., W. Scherzinger, and Y.-H. Sun. 1997. Ecology and behaviour of the Chinese Grouse. Grouse News 13:20-21.

Klaus, S., W. Scherzinger, and Y.-H. Sun. 1998. Territorial- und Werbeverhalten des Chinahaselhuhns*(Bonasa sewerzowi)*. [Territorial and courtship behaviour of Chinese Grouse (*Bonasa sewerzowi*)]. Journal of Ornithology 139:185-186 (in German with English summary).

Klaus, S., W. Scherzinger, Y.-H. Sun, and Y. Fang. 1997. Behaviour studies of Chinese Grouse during the mating season in 1997. Grouse News 14:15-18.

Klaus, S., W. Scherzinger, Y.-H. Sun, J. E. Swenson, J. Wang, and Y. Fang. 2009. Das Chinahaselhuhn *Tetrastes sewerzowi* - Akrobat im Weidengebuesch. [Severtzov's grouse *Tetrastes sewerzowi* - an acrobat in the willow shrub.] Limicola 23:1-57. (in German with English summary).

Klaus, S., P. Selsam, Y.-H. Sun, and Y. Fang. 2001. Analyse von Satellitebildern zum Schutz bedrohter Arten: Fallbeispiel Chinahaselhuhn (*Bonasa sewerzowi*).

[Habitat mapping from SPOT images as tool for the conservation of Endangered Species – Chinese Grouse (*Bonasa sewerzowi*) as an example.] Naturschutz und Landschaftsplanung 33:281-285. (in German with English summary).

Klaus, S., and A. Sewitz. 2000. Ecology and conservation of Hazel Grouse *Bonasa bonasia* in the Bohemian Forest (Sumava, Czech Republik). Proceedings of the International Conference on Tetraonids – Tetraonids at the break of the millennium. Ceske Budejovice, Czech Republic, 24-26 March, 2000. Pp. 138-146.

Klaus, S., Y.-H. Sun, and Y. Fang. 2001. Territoriality and movements of Chinese Grouse at Lianhuashan Natural Reserve, Gansu, China, in autumn. Grouse News 22:10-11.

Klaus, S., Y.-H. Sun, Y. Fang, and W. Scherzinger. 1999. Investigations on Chinese Grouse in comparison with Hazel Grouse and Ruffed Grouse: landscape ecology ecology and behaviour. Grouse News 17:18-21.

Klaus, S., Y.-H. Sun, Y. Fang, and W. Scherzinger. 2009. Autumn territoriality of Chinese Grouse *Bonasa sewerzowi* at Lianhuashan Natural Reserve, Gansu, China. International Journal of Galliformes Conservation 1:44-48.

Klaus, S., Y.-H. Sun, and W. Scherzinger. 2006. The fight for survival in the mountain forest. German Research 3/2006:16-20.

Klein, J.L. 1989. La Gélinotte des Bois (*Bonasa bonasia rupestris*) dans les Vosges Méridionales: Écologie Hivernale et Gites sous la Neige. [The Hazel Grouse (*Bonasa bonasia rupestris*) in the Southernmost Vosges: Winter ecology and lodgings under snow.] Ciconia 13:59-82. (in French).

Klonglan, E. D., and G. Hlavka. 1969. Iowa's first Ruffed Grouse hunting season in 45 years. Proceedings of the Iowa Academy of Science 76:226-230.

Klonglan, E. D., and G. Hlavka. 1969. Recent status of Ruffed Grouse in Iowa. Proceedings of the Iowa Academy of Science 76:231-240.

Knappen, P. 1928. Food of *Bonasa umbellus*. Auk 45:513-514.

Kneeland, M. C. 1999. Ruffed Grouse population ecology and habitat selection at Sandhill Wildlife Management Area, Wisconsin. M. Sc. Thesis. University of Wisconsin, Steven's Point.

Knoder, C. E., and R. W. Donohoe. 1962. Ruffed Grouse age and sex ratios: preliminary studies. Game Research of Ohio 1:35-38.

Korschgen, L.J. 1966. Foods and nutrition of Ruffed Grouse in Missouri. Journal of

Wildlife Management 30:86-100.

Kostron, K., and J. Hromas. 1968. Verbreitung und Bestandszahlen der Waldhühner im Riesengebirge und Altvatergebirge. [Black Grouse, Capercaillie, and Hazel Grouse in Bohemia and Moravia]. European Journal of Wildlife Research 14:145-152. (in German with English summary).

Krassovsky, L. I., and G. A. Troitsky. 1958. Peculiarities of autumnal feeding of Hazel Grouse in a year of failure of berries. Zoologica Zhournal 37:926-930.

Kratzig, H. 1939. Untersuchungen zur biologie und ethologie des hazelhuhns (*Tetrastes bonasia ruprestris* Brehm) wahrend der jugendentwicklung. [Investigations of the biology and ecology of the Hazel Hen (T*etrastes bonasia ruprestris* Brehm) during the youth development.] Berichte der Vereinigung Schlesischer Ornithologen 24:1-25. (in German)

Krofel, M. 2008. Gozdni jereb *Bonasa bonasia*. [Hazel Grouse *Bonasa bonasia*.] Acrocephalus 29(137):113. (in Slovenian).

Kubisiak, J. F. 1978. Brood characteristics and summer habitats of Ruffed Grouse in central Wisconsin. Wisconsin Department of Natural Resources Technical Bulletin No. 108. 12pp.

Kubisiak, J. F. 1980. Ruffed Grouse density and habitat relationships in Wisconsin. Wisconsin Department of Natural Resources Technical Bulletin. 15pp.

Kubisiak, J. F. 1984. The impact of hunting on Ruffed Grouse populations in the Sandhill Wildlife Area. Pp. 151-168 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Kubisiak, J. F. 1985. Ruffed Grouse habitat relationships in aspen and oak forests of Central Wisconsin. Wisconsin Department of Natural Resources Technical Bulletin No. 151. 22pp.

Kubisiak, J. F, 1985. Ruffed Grouse harvest levels and population characteristics in central Wisconsin. Wisconsin Department of Natural Resources Research Report 24pp.

Kubisiak, J. F., J. C. Moulton, and K. R. McCaffrey. 1980. Ruffed Grouse density and habitat relationships in Wisconsin. Wisconsin Department of Natural Resources Technical Bulletin No. 118. 16pp.

Kubisiak, J. F., and R. E. Rolley. 1998. Habitat relationships of deer and Ruffed Grouse in central Wisconsin. Wisconsin Department of Natural Resources

Research Report 176. 23pp.

Kucera, L. 1975. Verbreitung und populationdichte von Auerhuhn (*Tetrao urogallus*), Birkhuhn (*Lyrurus tetrix*) und Haselhuhn (*Tetrastes bonasia*) im westlichen Teil von Sumava (CSSR). [Range and population size of Capercaillie (*Tetrao urogallus*), Black Grouse (*Lyrurus tetrix*) and Hazel Grouse (*Tetrastes bonasia*) in the western part of Sumava (CSSR).] Ornithologosche Mitteilungen 27:160-169. (in German).

Kumar, J. C., and B. T. Haines. 2010. Serious grouse hunting, book 1: Ruffed Grouse, of course. Sasquatch Media. Califon, New Jersey, USA. 260pp.

Kumpa, P., P. Helle, and A. Nikula. 1997. Effects of landscape characteristics on the abundance of Hazel Grouse *Bonasa bonasia* in Finland. Wildlife Biology 3:270. Abstract only.

Kupa, J. J. 1958. Ruffed Grouse, *Bonasa umbellus umbellus* (Linne). Studies in Central Massachusetts. M. Sc. Thesis. University of Massachusetts.

Kupa, J. J. 1966. Ecological studies of the female Ruffed Grouse (*Bonasa umbellus* L.) at the Cloquet National Forest Research Center, Minnesota. Ph. D. Dissertation. University of Minnesota.

Kurzejeski, E. 1979. Habitat utilization and survival rates of male Ruffed Grouse on the Edward Anderson Wildlife Area and surrounding private land. M. Sc. Thesis. University of Missouri – Columbia.

Kurzejeski, E. W. 1988. Mortality, dispersal and habitat use by a reintroduced Ruffed Grouse population. Final report, Federal Aid Project No. W-13-R-42. Missouri Department of Conservation. 16pp.

Kurzejeski, E. W., and B. G. Root. 1988. Survival of reintroduced Ruffed Grouse in north Missouri. Journal of Wildlife Management 52:248-252.

Kurzejeski, E.W., and B.G. Root. 1988. Home range, movements and habitat use by reintroduced Ruffed Grouse in northern Missouri. Wildlife Society Bulletin 17:106-111.

Kurzejeski, E. W., and F. R. Thompson. 1999. Ruffed Grouse status, hunting, and response to habitat management in Missouri. USDI Forest Service Research Paper NC-333. 14pp.

Kuz'mina, M. A. 1962. Ecological and morphological features of the Hazel-Grouse. Ornitologia 4:411-415.

Kuz'mina, M. A. 1992. Tetraonidae and phasianidae of the USSR. Translated by P. M.

Rao and D. Siegel-Causey. Smithsonian Institution Libraries and The National Science Foundation, Washington, DC.

Lampila, P., E. Ranta, M. Monkkonen, H. Linden, and P. Helle. 2011. Grouse dynamics and harvesting in Kainuu, northeastern Finland. Oikos XXX:XXX-XXX (online early). (Capercaillie, Black Grouse, Hazel Grouse, Willow Grouse).

Landry, J. L. 1980. Ecology and management of Ruffed Grouse. US Forest Service, Intermountain Region. 25pp.

Landry, J. L. 1982. Habitat used by Ruffed Grouse in northern Utah. M. Sc. Thesis. Utah State University.

Larionov, G. P. 1965. [On biology of the Black-billed Capercaillie and the Hazel Grouse in the central Yakutia.] Uchen. Zap. yakutsk. gos. Univ. 15:91-96. (in Russian).

Larsen, J. A. 1957. Influence of weather upon the Ruffed Grouse population of the Cloquet Experimental Forest, Minnesota. M. Sc. Thesis. University of Wisconsin – Madison.

Larsen, J. A., and J. F. Lahey. 1958. Influence of weather upon a Ruffed Grouse population. Journal of Wildlife Management 22:63-70.

Larson, M. A. 2005. Ruffed Grouse and Sharp-tailed Grouse surveys in Minnesota during Spring 2005. Minnesota Department ofNatural Resources. 13pp.

Larson, M. A. 2006. Grouse surveys in Minnesota during Spring 2006. Minnesota Department ofNatural Resources. 19pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A. 2007. Grouse surveys in Minnesota during Spring 2007. Minnesota Department of Natural Resources. 18pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A. 2008. Grouse surveys in Minnesota during Spring 2008. Minnesota Department of Natural Resources. 13pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A. 1998. Nesting success and chick survival of Ruffed Grouse (*Bonasa umbellus*) in northern Michigan. M. Sc. Thesis. Michigan State University.

Larson, M. A. 2009. Grouse surveys in Minnesota during Spring 2009. Minnesota Department of Natural Resources. 13pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A., M. E. Clark, and S. R. Winterstein. 2001. Survival of Ruffed Grouse chicks in northern Michigan. Journal of Wildlife Management 65:880-886.

Larson, M. A., M. E. Clark, and S. R. Winterstein. 2003. Survival and habitat of

Ruffed Grouse nests in northern Michigan. Wilson Bulletin 115:140-147.

Larsson, J. K. 2005. Population fragmentation and genetic variation in grouse. Ph. D. Dissertation. Uppsala University.

Larsson, J. K., Y.-H. Sun, Y. Fang, G. Segelbacher, and J. Hoglund. 2003. Microsatellite variation in a Chinese Grouse *Bonasa sewerzowi population*: signs of genetic impoverishment? Wildlife Biology 9:261-266.

Latham, R. 1972. The Ruffed Grouse on eastern Long Island. Engelhardtia 5(2):10.

Laubhan, M. K. 1987. Development and evaluation of pattern recognition habitat models for the Ruffed Grouse, gray squirrel, and fox squirrel in Missouri. M. Sc. Thesis. University of Missouri, Columbia.

Lauten, D. J. 1995. Survival, demography, and behavior of Ruffed Grouse of different color phase during a cyclic decline in northwestern Wisconsin. M. Sc. Thesis. University of Wisconsin – Madison.

Lawrence, S. S. 1951. A game survey of the Arnot Forest with emphasis on grouse and deer. M. Sc. Thesis. Cornell University.

Lawson, B. A. 1982. Dichromatism of Ruffed Grouse and associated meteorological variables: a thesis in wildlife management. M. Sc. Thesis. Frostburg State College.

Lebreton, P., and I. Girard. 2006. Étude écologique des galliformes de montagne : Compléments méthodologiques. [Complements on the sampling and the effects of exposition concerning Galliform birds studied in Vanoise.] Travaux scientifiques du Parc national de la Vanoise 23:147-158. (in French with English summary). (Rock Ptarmigan, Hazel Grouse, Black Grouse).

Leclercq, B. 1988. Premières données sur la comparaison de la dynamique des populations de Grand tétras (*Tetrao urogallus*) et de Gélinottes des bois (*Bonasa bonasia)* d'un même massif forestier du Haut-Jura. [Preliminary data on the dynamics of a Capercaillie (*Tetrao urogallus*) populationto a Hazel Grouse (*Bonasa bonasia*) population in the same forested mountain range in the high Jura France.] Gibier Faune Sauvage 5:273-288. (in French with English abstract).

Ledant, J.-P. 1990. Status of the Hazel Grouse *Bonasa bonasia* in the Ardennes and neighboring regions of Belgium. Aves 27:159-172.

Ledant, J.-P. 1993. Forest evolution and tendencies for the Hazel Grouse (*Bonasa bonasia*) in the Belgian Ardenne Region. Aves 30:173-180.

Ledant, J.-P. 1995. [Hazel Grouse and hazel bush interaction in the Belgian Ardennes

(*Bonasa bonasia*).] Revue Forestiere Francaise 47(3):263-272. (in French).

Ledant, J.-P. 2003. A la recherche de la mysterieuse poule des bois. [In search of the mysterious grouse of the wood.] Aves Contact 39(5):23-25. (in French).

Ledant, J. P., and P. Devillers. 1991. La gelinotte des bois en Ardenne et dans les regions voisines. Habitats, distribution et perspectives de conservation. [The Hazel Grouse in Ardenne and in the close areas. Habitats, distribution and perspective of conservation.] Documents de travail de I'l.R.S. N. B. No. 65. 93pp. (in French).

Leebrick, K. C. 1946. Ruffed Grouse in the tamarack-hardwood associations of southern Michigan. M. Sc. Thesis. University of Michigan.

Lefranc, N. 1986. Photospot. 20. Hazel Grouse. British Birds 79(5):246-248.

Lehtinen, S. A. 1983. Movements and habitat use of Ruffed Grouse in the Bridger Mountains, Montana. M. Sc. Thesis. Montana State University.

Leonard, P. 1993. [Some practical recommendations toward Hazel Hen (*Tetrastes bonasia*) in the Ardennes department (France)]. Bulletin Mensuel de l'Office National de la Chasse 183:8-14. (in French).

Lesperance, T. 1958. The behavior of some Ruffed Grouse chicks in captivity (Part I). Kingbird 8:76.

Letov, G. S., and K. A. Bashanov. 1976. [The distribution and abundance of grouse in the Tuva-ASSR.] Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii. 81:51-54. (in Russian with English summary).

Levine, P. P. 1932. A report on the epidemic disease in Ruffed Grouse. Transactions of the American Game Conference 19:437-441.

Lewis, J. B. 1970. Ruffed Grouse: an indicator of environmental change. Transactions of the North American Wildlife Conference 35:196-205.

Lewis, J. B., J. D. McGowan, and T. S. Baskett. 1968. Evaluating Ruffed Grouse reintroduction in Missouri. Journal of Wildlife Management 32:17-28.

Li, X., W. Gua, and H. Feng. 1991. [Comparison of nutritive composition and histological structure of the meat between Hazel Grouse (*Tetrastes bonasia amurensis*) and pigeon.] Bulletin of Veterinary College of PLA 11(1):31-36. (in Chinese).

Li, X.-T. 1996. The gamebirds of China: their distribution and status. Internat. Acad. Publ., Beijing, China. Pp.6-22.

Lieser, M. 1990. The situation of the Hazel Grouse (*Bonasa bonasia*) in the Eifel-Mountains, West Germany. Allgemeine Forst und Jagdzeitung 161(8):154-158.

Lieser, M. 1992. Conservation of Hazel Grouse in Germany. Grouse News 3:4-5.

Lieser, M. 1994. Untersuchungen der Lebensraumansprüche des Haselhuhns (*Bonasa bonasia* L. 1758) im Schwarzwald im Hinblick auf Massnahmen zur Arterhaltung. [Habitat requirements of Hazel Grouse (*Bonasa bonasia* L. 1758) in the Black Forest with regard to the species' conservation]. Ph. D. Thesis. Frieburg University. (in German).

Lieser, M. 1995. [The Hazel Grouse and its habitat in the central Black Forest.] Mitteilungen des Badischen Landesvereins fuer Naturkunde und Naturschutz e.V. Freiburg im Breisgau 16:335-352. (in German).

Lieser, M., and D. Eisfeld. 1991. Wohngebietsgrößen, Habitat- und Nahrungswahl radiomarkierter Haselhühner (*Bonasa bonasia*, L. 1758) im Mittleren Schwarzwald. [Populated area sizes, habitat and food choice of radio-marked Hazel Grouse (*Bonasa bonasia*, L. 1758) in the middle Black Forest.] XXth IUGB Congress, Gödöllö, Hungary, August 1991, 20:291-296. (in German).

Lieser, M., D. Eisfeld, and S. Mann. 1995. Evaluation of Hazel Grouse habitat in the Black Forest (southern Germany) and implications for habitat management. Proceedings of the 6th. International Grouse Symposium. Pp. 106-110.

Lieser, M., and U. Mueller. 2006. Brut-und Aufzuchtverhalten einer freilebenden Haselhenne (*Bonasa bonasia*). [Activity pattern of a free-living hazelhen *Bonasa bonasia* during incubation and chick-rearing.] Oekologie der Voegel 28:47-59. (in German).

Likhachev, G. N. 1957. Certain data of the Hazel-Grouse feeding habits in Tulskiye Zaseki. Zoologica Zhournal 36:1104-1105.

Linden, H. 1981. Changes in Finnish tetraonid populations and some factors influencing mortality. Finnish Game Research 39:3-12.

Linden, H. 1981. Hunting and tetraonid populations in Finland. Finnish Game Research 39:69-78.

Linden, H., and P. Rajala. 1981. Fluctuations and long-term trends in the relative densities of tetraonid populations in Finland 1964-1977. Finnish Game Research 39:13-34.

Lindén, H., and M. Wikman. 1980. Kanahaukan poikuekoon vaihtelusta suhteessa metsakanalintujen runsauteen. [Brood size of the goshawk in relation to tetraonid densities.] Suomen Riista 27:63-69. (in Finish)

Lindstrom, E., P. Angelstrom, P. Widen, and H. Andren. 1986. Do predators synchronize vole and grouse fluctuations? – An experiment. Oikos 48:121-124.

Lindstrom, J. E. 1996. Modelling grouse population dynamics. Ph. D. Dissertation. Helsinki, Finland. 164pp.

Lindstrom, J., E. Ranta, V. Kaitala, and H. Linden. 1995. The clockwork of Finnish tetraonid population dynamics. Oikos 74:185-194.

Lindstrom, J., E. Ranta, and H. Linden. 1996. Large-scale synchrony in the dynamics of Capercaillie, Black Grouse and Hazel Grouse populations in Finland. Oikos 76:221-227.

Lindstrom, J., E. Ranta, M. Linden, and H. Linden. 1997. Reproductive output, population structure and cyclic dynamics in Capercaillie, Black Grouse, and Hazel Grouse. Journal of Avian Biology 28:1-8

Liscinsky, S. A., and W. J. Bailey. 1955. A modified shorebird trap for capturing woodcock and grouse. Journal of Wildlife Management 19:405-408.

Little, T. W. 1978. Populations, distributions and habitat selection by drumming male Ruffed Grouse in central Minnesota prior to clearcutting. Ph. D. Dissertation. University of Minnesota, St. Paul.

Little, T. W. 1984. Ruffed Grouse population indices from Iowa. Pp. 5-19 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Little, T.W., and R. Sheets. 1982. Transplanting Iowa Ruffed Grouse. Proceedings of the Iowa Academy of Science 89(4):172-175.

Litun, V. I., and V. N. Smetanin. 1988. [Distribution, abundance and other aspects of the ecology of Galliformes in the southern preBaikal region.] Pp. 44-53 *IN*: [Ecology and behaviour of birds.] Nauka, Moskva. (in Russian) (Hazel Grouse, Rock Ptarmigan, Black Grouse, Siberian Capercaillie).

Liu, N. 1994. Studies on the southward migration of Severtzov's Hazel Grouse and it's incontinuous distribution with the other species of Hazel Grouse. Journal of Lanzhou University Natural Sciences 30(3):102-106.

Liu, N. F., and Z. Geng. 1994. Reproduction of Severzov's Hazel Grouse (*Bonasa sewerzowi*). Gibier Sauvage, Game Wildlife 11:39-49.

Liu, N. F., and X. T. Wang. 1987. Geographic distribution and taxonomy of Chinese

Hazel Grouse. Proceedings of the 4th. International Grouse Symposium. Pp.178-182.

Lloyd, L. 1867. The game birds and wild fowl of Sweden and Norway. F. Warne & Co. 599pp.

Long, B., J. Edwards, and W. Giuliano. 2004. Food habits and nutrition: pre-breeding food habits of Ruffed Grouse in the Appalachian region. Pp. 15-18 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Long, B., J. Edwards, and W. Giuliano. 2004. Food habits and nutrition: pre-breeding nutritional condition and potential effects on reproduction. Pp. 19-22 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Long, C. R. 2007. Pre-breeding food habits and condition of Ruffed Grouse and effects on reproduction in the central and southern Appalachians. M. Sc. Thesis. West Virginia University. 74pp.

Longwitz, R. J. 1985. Some aspects of the ecology of Ruffed Grouse in unmanaged hardwood forests of the Cumberland Plateau, Tennessee. M. Sc. Thesis. University of Tennessee, Knoxville.

Lonnberg, E. 1927. Einige Beiträge zur Kenntnis unserer Waldhühner,*Tetraonidae*. [Some contributions for the knowledge of our forest grouse, Tetraonidae.] Journal of Ornithology 75:579-596. (in German).

Loomis, L. M. 1886. *Bonasa umbellus* in the alpine region of South Carolina. Auk 3:483.

Loset, R., and W. A. Tandberg. 1987. [Vegetation mapping as an aid in classifying winter habitats in grouse, (*Tetrao urogallus*, *Tetrao tetrix* and *Bonasa bonasia*).] Viltrapport 1987:98-103, 161.

Lovallo, M. J., D. S. Klute, G. L. Storm, and W. M. Tzilkowski. 2000. Alternate drumming site use by Ruffed Grouse in central Pennsylvania. Journal of Field Ornithology 71:506-515.

Lu, G., and B. Zengfan. 1988. [A report on outbreak of tuberculosis in *Tetrastes bonasia* under domestication.] Chinese Special wild Economic Animal and Plant Research 4:21-22. (in Chinese).

Lu, N., and Y.-H. Sun. 2011. Population viability analysis and conservation of Chinese Grouse *Bonasa sewerzowi* in Lianhuashan Nature Reserve, north-west China. Bird Conservation International 21:49-58.

Lu, X. 1997. A new distribution area of the Chinese Grouse in Tibet. Grouse News 14:18-20.

Lucid, V. J. 1974. Nocturnal activity and vocalization by a Ruffed Grouse. Journal of Field Ornithology 45:179.

Ludwig, G. X. 2007. Mechanisms of population declines in boreal forest grouse. Ph. D. Dissertation. University of Jyvaskyla, Finland. 48pp.

Ludwig, G. X., R. V. Alatalo, P. Helle, K. Nissinen, and H. Siitari. 2008. Large-scale drainage and breeding success in boreal forest grouse. Journal of Applied Ecology 45:325-333.

Luebcke, W. 2006. Kehrt das Haselhuhn (*Tetrastes bonasia*) in den Kellerwald zurueck? [Is the Hazel Grouse (*Tetrastes bonasia*) returning to the Kellerwald?]. Vogelkundliche Hefte Edertal 32:6-12. (in German).

Lundrigan, T. N. 2002. Grouse and lesser Gods. Countryside Press, Camden, Maine. 207pp.

Luukkonen, D. R., J. D. Robison, and J. R. Gormley. 1998. Ruffed Grouse and American Woodcock status in Michigan, 1998. Michigan Department of Natural Resources, Wildlife Division report no. 3282. 7pp.

Lyons, K. L. 1981. Ruffed Grouse brood ranges and habitat preferences. M. Sc. Thesis. State University of New York, Syracuse.

Lyons, K. L. 1981. Use of chick distress call to capture Ruffed Grouse *Bonasa umbellus* hens. Transactions of the Northeast Section the Wildlife Society 38:133-135.

Macnamara, C. 1912. The Canadian Ruffed Grouse. Ottawa Naturalist 26:101-102.

Magnani, Y., M. H. Cruveille, R. Huboux, P. Collard, P. Roche, and P. Longchamp. 1991. [Between Rhone and Rhine rivers: Capercaillie and Hazel Hens (*Tetrao urogallus*, *Tetrastes bonasia*)]. Bulletin Mensuel de l'Office National de la Chasse 162:9-16. (in French).

Magnus, L. T. 1949. Cover type use of the Ruffed Grouse on the Cloquet Forest Experiment Station: in relation to forest management. M. Sc. Thesis. University of Minnesota.

Magnusson, W. E. 1983. Use of discriminant function to characterize Ruffed Grouse drumming sites in Georgia – a critique. Journal of Wildlife Management 47:1151-1152.

Major, P. D. 1977. Effects of woodland habitat changes, summer temperature, and

relative humidity on the density and distribution of Ruffed Grouse.

Major, P. D., M. C. Reeves, and C. H. Eisfelder. 1981. A new longevity record for the Ruffed Grouse. Journal of Field Ornithology 52:341.

Marchlewski, J. 1948. [The distribution of Capercaillie, Black Grouse and Hazel Grouse in Poland.] Documenta Physiogr. Polon. 13:1-53. (in Polish with English summary).

Marcquenski, S. V. 1986. Dispharynx nasuta in Wisconsin Ruffed Grouse. M. Sc. Thesis. University of Wisconsin – Steven's Point.

Marsh, A. H. 1954. The influence of silvicultural thinnings on the production of the key foods of the white-tailed deer and Ruffed Grouse. M. Sc. Thesis. University of Idaho.

Marshall, W. H. 1946. Cover preferences, seasonal movements, and food habits of Richardson's Grouse and Ruffed Grouse in southern Idaho. Wilson Bulletin 58:42-52.

Marshall, W. H. 1954. Ruffed Grouse and snowshoe hare populations on the Cloquet Experimental Forest, Minnesota. Journal of Wildlife Management 18:109-112.

Marshall, W. H. 1963. Studies of movements, behavior and activities of Ruffed Grouse using radio telemetry techniques. University of Minnesota, Project Report. 30pp.

Marshall, W. H. 1965. Ruffed Grouse behavior. Bioscience 15:92-94.

Marshall, W. H., and G. W. Gullion. 1963. A discussion of Ruffed Grouse populations – Cloquet Forest Research Center, Minnesota. Transactions of the Congress of the International Union of Game Biologists 8:93-100.

Marshall, W. H., and J. J. Kupa. 1963. Development of radio telemetry techniques for Ruffed Grouse studies. Transactions of the North American Wildlife and Natural Resources Conference 28:443-456.

Martin, K., C. Doyle, S. J. Hannon, and F. Mueller. 2001. Forest grouse and ptarmigan. Chapter 11, pages 240-260 *In* C.J. Krebs, S. Boutin and R. Boonstra (eds.). Ecosystem Dynamics of the Boreal Forest: The Kluane Project. Oxford University Press. (Spruce Grouse, Ruffed Grouse, Willow Ptarmigan, Rock Ptarmigan, White-tailed Ptarmigan).

Mathys, L., N. E. Zimmerman, N. Zbinden, and W. Suter. 2006. Identifying habitat suitability for Hazel Grouse *Bonasa bonasia* at the landscape level. Wildlife Biology 12:357-366.

Mauro, R. J. 1994. Survival, movements, and habitat use of a translocated population of Ruffed Grouse in western Kentucky. M. Sc. Thesis. University of Kentucky.

Maxson, S. J. 1974. Activity, home range and habitat usage of female Ruffed Grouse during the egg-laying, incubation, and early brood periods as determined by radio-telemetry. M. Sc. Thesis. University of Minnesota.

Maxson, S. J. 1977. Activity patterns of female Ruffed Grouse during the breeding season. Wilson Bulletin 89:439-455.

Maxson, S. J. 1978. Evidence of brood adoption by Ruffed Grouse. Wilson Bulletin 90:132-133.

Maxson, S. J. 1978. Ruffed Grouse use of supraorbital combs in display. Condor 80:240.

Maxson, S. J. 1978. Spring home range and habitat use by female Ruffed Grouse. Journal of Wildlife Management 42:61-71.

Maxson, S. J. 1978. A nesting study of ruffed grouse at the Cedar Creek Natural History Area, Minnesota. Loon 50:25-30.

Maxson, S. J. 1978. Growth and behavior of Ruffed Grouse chicks. The Loon 50:106-112.

McBurney, R. S. 1970. Drumming behavior of Ruffed Grouse (*Bonasa umbellus* L.) in Iowa. M. Sc. Thesis. Iowa State University.

McCaffery, K. R., J. E. Ashbrenner, W. A. Creed, and B. E. Kohn. 1997. The aspen-Ruffed Grouse connection. Journal of Forestry 95:16-20.

McCaffery, K. R., J. E. Ashbrenner, W. A. Creed, and W. M. McCown. 1996. Integrating forest and Ruffed Grouse management: a case study at the Stone Lake area. Wisconsin Department of Natural Recources Technical Bulletin No. 189. 39pp.

McComb, W. C., S. A. Bonney, and J. D. Sole. 1987. Habitat of Ruffed Grouse capture sites in Kentucky. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 41:410-416.

McDonald, D. 1935. Some notes on the habits of the Ruffed Grouse *Bonasa umbellus*. Canadian Field Naturalist 49:118.

McDonald, J. E. Jr. 1993. Characteristics of Ruffed Grouse drumming sites and habitat use by male Ruffed Grouse at State Game Lands 176, Pennsylvania. M. Sc. Thesis. Pennsilvania State. University.

McDonald, J. E. Jr, W. L. Palmer, and G. L. Storm. 1999. Ruffed Grouse population response to intensive forest management in central Pennsylvania, USA. NCASI Technical Bulletin n 781 I:335-336.

McDonald, J. E., W. L. Palmer, and G. L. Storm. 1993. Ruffed Grouse population response to intensive forest management in central Pennsylvania, USA. Transactions of the 21st. Congress of the International Union of Game Biologists. Pp. 126-131.

McDonald, J. E. Jr., G. L. Storm, and W. L. Palmer. 1998. Home range and habitat use of male Ruffed Grouse in managed mixed oak and aspen forests. Forest Ecology and Management 109:271-278.

McDowell, R. D. 1975. Fall diets of Connecticut Ruffed Grouse. Transactions of the Northeast Fish and Wildlife Conference 32:80-94.

McGowan, J. D. 1966. Ruffed Grouse introductions in central Missouri. M. A. Thesis. University of Missouri – Columbia.

McGowan, J. D. 1969. Starvation of Alaskan Ruffed and Sharp-tailed Grouse caused by icing. Auk 86:142-143.

McGowan, J. D. 1973. Fall and winter foods of Ruffed Grouse in interior Alaska. Auk 90:636-640.

McGowan, P., and R. Fuller. 2006. Is the current protected area system adequate to support viable populations of forest Galliformes in Asia? Acta Zoologica Sinica 52(Suppl.):196-198.

McIsaac, H. P. 1997. Brood-defense behaviour of a Ruffed Grouse, *Bonasa umbellus*. Canadian Field-Naturalist 111:473-475.

Merk-Buchberg, M. 1919. Aus dem Leben unserer Waldhuhner. [The life of our wild grouse.] Ornith. Jahrb. 29:55-69. (in German). (Capercaillie, Black Grouse, and Hazel Grouse).

Merkusheva, I. V., and L. I. Kraevskaya. 1963. Helminths of Wood-grouse, Heath-Cock and Hazel-Grouse in Byelo Russia. Dokl. Akad. Nauk BSSR. Minsk 7:212-215.

Meslow, E. C. 1966. The drumming log and drumming log activity of male Ruffed Grouse. M. Sc. Thesis. University of Minnesota, St. Paul.

Mestkova, L., and D. Romporti. 2007. Zhodnoceni vlivu faktoru prostredi na distribuci jerabka lesniho (*Bonasa bonasia*) na Sumave. [Evaluation of environmental factors on the distribution of the Hazel Grouse (*Bonasa bonasia*) in the Sumava

region.] Sluka 4:75-80. (in Czech).

Michael, E. D., B. L. Hahn, and H. J. Hansen. 1982. Response of deer, hare, and grouse to whole-tree harvesting in central Appalachia. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 36:627-633.

Middleton, A. L. A., and G. W. Jones. 1969. An apparent case of phenol poisoning in Ruffed Grouse. Wildlife Society News 125:56.

Mihelic, B., and T. Mihelic. 2004. The influence of certain ecological factors on the appearance of Hazel Grouse *Bonasa bonasia* in Bohinj. Zbornik Gozdarstva in Lesarstva, 2004 75:121-133.

Miller, S. M., and F. A. Busch. 1989. A Ruffed Grouse specimen from Seneca, S.C. Chat 53(2):41.

Mitani, A., and Y. Fujimaki. 1992. Age determination of the Hazel Grouse and Carrion Crow based on the layered structure of the mandible. Japanese Journal of Ornithology 40:109-111.

Monschein, T. D. 1974. Effects of hunting on Ruffed Grouse in small woodlots in Ashe and Alleghany Counties, North Carolina. Proceedings of the 27th. Annual Conference of the Southeast Association of Game and Fish Commissioners 27:30-36.

Montadert, M. 1995. Occupation de l' espace par des males de Gelinotte des bois *Bonasa bonasia* dans le Doubs (France). [Occupation of space by males of Hazel Grouse *Bonasa bonasia* in Doubs (France).] Gibier Faune Sauvage, Game and Wildlife 12:197-211. (in French).

Montadert, M. 2005. Fonctionnement demographique et selection de l' habitat d'une population en phase d' expansion geographique. Cas de la Gelinotte des bois dans les Alpes du Sud, France. [Demography and habitat selection of a population in range expansion. Case of Hazel Grouse in the southern French Alps.] Ph. D. Thesis. University of Franche-Comte. (in French)

Montadert, M., R. Desbrosses, R. Huboux, and P. Leonard. 1994. Plan de restauration pour la gelinotte des bois (*Bonasa bonasia*) en France. [Plan of restoration for the Hazel Grouse (*Bonasa bonasia*) in France.] Gibier Faune Sauvage, Game and Wildlife 11:41-62. (in French).

Montadert, M., and S. Klaus. 2011. Hazel Grouse in open landscapes. Grouse News 41:13-22.

Montadert, M., and P. Leonard. 2003. Survival in an expanding Hazel Grouse *Bonasa bonasia* population in the southeastern French Alps. Wildlife Biology 9:357-

364.

Montadert, M., and P. Leonard. 2004. First results of a Hazel Grouse population study in the south-eastern French Alps. Grouse News 28:15-20.

Montadert, M., and P. Leonard. 2006. Post-juvenile dispersal of Hazel Grouse (*Bonasa bonasia*) in an expanding population of the southeastern French Alps. Ibis 148:1-13.

Montadert, M., and P. Leonard. 2006. Skewed sex ratio and differential adult survival in Hazel Grouse *Bonasa bonasia*. Acta Zoologica Sinica 52:655-662.

Montadert, M., and P. Leonard. 2009. Age determination of Hazel Grouse in the south-western limit of its European range. Grouse News 37:9-14.

Montadert, M., and P. Leonard. 2011. Biologie de la reproduction de la Gelinotte des Bois *Bonasa bonasia* dans les Alpes-de-Haute-Provence (France) (1 ère partie). [Breeding biology of Hazel Grouse *Bonasa bonasia* in the Southeastern French Alps (first part).] Alauda 79:1-16. (in French with English abstract)

Montadert, M., P. Leonard, and P. Longchamp. 2006. Les méthodes de suivi de la Gélinotte des bois: Analyse comparative et proposition alternative. [Methods of follow-up of the Hazel Grouse: Comparative analysis and alternative proposition.] Faune Sauvage 271:28-35. (in French).

Montadert, M., E. Taran, and U. K. Ebner. 1995. Occupation de l'espace par des mâles de gelinotte des bois (*Bonasa bonasia*) dans le Doubs (France). [Use of space by male Hazel Grouse (*Bonasa bonasia*) in the Doubs Region (France).] Gibier Faune Sauvage 12: 197-211. (in French).

Moran, R. J., and W. L. Palmer. 1963. Ruffed Grouse introductions and population trends on Michigan islands. Journal of Wildlife Management 27:606-614

Morse, M. 1939. A local study of predation upon hares and grouse during the cyclic decimation. Journal of Wildlife Management 3:203-211.

Mortberg, U., and A. Karlstrom. 2005. Predicting forest grouse distribution taking into account of spatial autocorrelation. Journal of Nature Conservation 13:147-159.

Moser, M. A. 1972. Habitat and local movements of Ruffed Grouse (*Bonasa umbellus*) in southeast Ohio. M. Sc. Thesis. Ohio State University.

Mossop, D. H. 1994. Trends in Yukon upland gamebird populations from long-term harvest analysis. Transactions of Noth American Wildlife and Natural Resources Conference 59:449-456.

Moulton, J. C. 1968. Ruffed Grouse habitat requirements and management opportunities. Wisconsin Department of Natural Resources, Research Report 36. 27pp.

Moulton, J. C., and P. V. Vanderschaegen. 1974. Bibliography of the Ruffed Grouse. Wisconsin Department of Natural Resources. Madison.

Muehrcke, J. P., and C. M. Kirkpatrick. 1970. Observations of ecology and behavior of Indiana Ruffed Grouse. Proceedings of the Indiana Academy of Science 79:177-186.

Mueller, J. F. 1941. Some parasites newly recorded for the Ruffed Grouse, *Bonasa umbellus*, in the United States. Proceedings of the Helminth Society of Washington 8:14-15.

Mulak, S. J. 1998. Wings of thunder: New England grouse shooting revisited. Countrysport Press, Selma, Alabama. 191pp.

Mulhauser, B. 2003. Position systematique de la gelinotte des bois *Bonasa bonasia*. [Systematic position of the Hazel Grouse *Bonasa bonasia*.] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:7-14. (in French with English summary).

Mulhauser, B. 2003. Vie de la gelinotte des bois *Bonasa bonasia* dans les forets du Haut Jura franco-suisse. [Life of the Hazel Grouse *Bonasa bonasia* in the Franco-Swiss Upper Jura.] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:15-53. (in French with English summary).

Mulhauser, B. 2003. Survival of the Hazel Grouse *Bonasa bonasia rupestris* in the Jura Mountains between board and lodging. Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:55-70.

Mulhauser, B. 2003. Concept de l'etude sur la biologie de la gelinotte des bois *Bonasa bonasia*. Exemple de la recherche menee dans le canton de Neuchatel (Suisse). [Concept on the study of the biology of the Hazel Grouse *Bonasa bonasia*. Example of research conducted in the canton of Neuchatel (Switzerland).] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:73-82. (in French with English summary).

Mulhauser, B. 2003. Description des structures vegetales essentielles de l'habitat de la gelinotte des bois *Bonasa bonasia*. L'effet patchwork. [Description of the vegetation structure important to the habitat of the Hazel Grouse *Bonasa bonasia*. The patchwork effect.] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:151-167. (in French with English summary).

Mulhauser, B. 2006. Das Haselhuhn. Ein Leben im Versteckten. [The Hazel Grouse. A

life in the undergrowth.]. Ornis 6:37-39. (in German).

Mulhauser, B., V. Barbezat, and J. Feqhhi. 2003. La diversite des structures forestieres, element essentiel de l'habitat de la gelinotte des bois *Bonasa bonasia* en paturage boise. Cas modele du Communal de La Sagne (canton de Neuchatel, Suisse). [The patchwork structure of forests as a basic element of the habitat of the Hazel Grouse (*Bonasa bonasia*) on wooded pastures. Model case of the community pasture of La Sagne (Canton of Neuchatel, Switzerland).] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:135-150. (in French with English summary).

Mulhauser, B., and P. Junod. 2006. Sylviculture et revitalisation des habitats des Tétraonidés dans le canton de Neuchâtel (Suisse). [Silviculture and revitalisation of the grouse habitats in Canton Neuchâtel (Switzerland).] Schweizerische Zeitschrift fur Forstwesen 157(7):263-270. (in French with English summary). (Capercaillie and Hazel Grouse).

Mulhauser, B., and S. Santiago. 2003. Le dénombrement des populations de gélinotte des Bois *Bonasa bonasia* par couplage de la méthode du rappel et de la recherche d'indices. [Estimating Hazel Hen *Bonasa bonasia* populations through the combination of two methods: Tape luring and sign detection.] Alauda 71:227-235. (in French with English summary).

Mulhauser, B., and J.-L. Zimmermann. 2003. Recognition of male Hazel Grouse *Bonasa bonasia* by their song. Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:107-119.

Mulhauser, B. P., and J.-L. Zimmermann. 2007. Dysphonia in a male Hazel Grouse *Bonasa bonasia*. Grouse News 33:9-13.

Muller, D., B. Schroder, and J. Muller. 2009. Modelling habitat slection of the cryptic Hazel Grouse *Bonasa bonasia* in a montane forest. Journal of Ornithology 150:717-732.

Muller, U. 1992. Aktivitatsuntersuchungen an freilebenden Haselhuhnern (*Bonasa bonasia* L. 1758). [Actvity patterns of frre-living Hazel Grouse (*Bonasa bonasia* L. 1758).] Diplomarbeit Fortwissenschaftliche Fakultat. Universitat Freiburg im Breisgau. 74pp. (in German).

Munger, C. 1992. Influence du climat sur l'éclosion des gélinottes huppées (*Bonasa umbellus*) et des tétras du Canada (*Dendragapus canadensis*) dans la zec Martin-Valin, automne 1991. [Influence of climate on displaying of the Ruffed Grouse (*Bonasa umbellus*) and of the Canadian Grouse (*Dendragapus canadensis*) in the zec Martin-Valin, autumn 1991.] Université du Québec à Chicoutimi. 39pp. (in French).

Murray, J. J. 1929. The possibility of Tularemia in Ruffed Grouse. Auk 46:110-111.

Mussehl, T. W., and R. B. Finley. 1967. Residues of DDT on forest grouse following spruce budworm spraying. Journal of Wildlife Management 31:270-287.

Mussehl, T. W., and P. Schladweiler. 1969. Forest grouse and experimental spruce budworm insecticide studies. Montana Fish and Game Department, Technical Bulletin 4. 53pp.

Muszkiewicz, J. 1979. An analysis of Ruffed Grouse brood habitat in northern Michigan. M. Sc. Thesis. University of Michigan. 55pp.

Naidoo, R. 2000. Response of breeding male Ruffed Grouse, *Bonasa umbellus*, to playbacks of drumming recordings. Canadian Field-Naturalist 114:320-322.

Narahara, A. M. 1987. Dynamics of drumming site selection by Ruffed Grouse in a managed forest. M. S. Thesis. University of Massachusetts at Amherst.

Neave, D. J. 1967. The population dynamics of Ruffed Grouse, *Bonasa umbellus* L., in central New Brunswick. M. Sc. Thesis. University of New Brunswick.

Neave, D. J., and B. S. Wright. 1968. Ruffed Grouse adrenal weights related to population density. Journal of Wildlife Management 32:633-635.

Neave, D. J., and B. S. Wright. 1969. The effects of weather and DDT spraying on a Ruffed Grouse population. Journal of Wildlife Management 33:1015-1020.

Nechaev, V. A., and Y. Fujimaki. 1998. The plant species eaten by Hazel Grouse in the southern part of the Russian Far East. Grouse News 16:22-23.

Neher, L. N. 1993. Winter movements and habitat selection of Ruffed Grouse in central Missouri. M. Sc. Thesis. University of Missouri, Columbia.

Nelson, A. L., W, W, Bailey, and T. E. Clarke. 1938. Early winter food of Ruffed Grouse on the George Washington National Forest. USDA 38pp.

Nesbitt, W. H. 1966. The status of the Ruffed Grouse, *Bonasa umbellus monticola* Todd, in South Carolina. M. Sc. Thesis. Clemson University.

Newhouse, D. A. 1975. Initial responses of Ruffed Grouse to massive forest habitat manipulation. M. Sc. Thesis. University of Michigan.

Newman, M. W. 1970. Large schizonts of Leucocytozoan from kidney of Ruffed Grouse (*Bonasa umbellus*). Canadian Journal of Zoology 48:879-???.

Niederleitner, J. F. 2002. Ruffed Grouse encounters chain link fence. Blue Jay 60:178-180.

Nieminen, M., R. Tornberg, and S. Sulkava. 1995. Habitat selection in the Hazel Grouse. Suomen Riista 41:35-41.

Nixon, C. M. 1962. Ruffed Grouse age and sex ratios: 1959-1960 hunting season. Game Research in Ohio 1:38-41.

Nixon, C. M. 1962. Ruffed Grouse harvest: 1959-1960 hunting season. Game Research in Ohio 1:41-45.

Norman, G. W. 1980. Nutritional ecology of Ruffed Grouse in southwest Virginia. M. Sc. Thesis. Virginia Polytech Institute and State University.

Norman, G. W. 2005. 2004-2005 Ruffed Grouse population status in Virginia. Virginia Department of Game and Inland Fish. Wildlife Resources Bulletin 05-4. 20pp.

Norman, G. W. 2006: 2005-2006 Ruffed Grouse population status in Virginia. Virginia Department of Game and Inland Fish. Wildlife Resources Bulletin 06-2. 21pp.

Norman, G. W., and P. K. Devers. 2009. Collaborating for Ruffed Grouse: a state agency project sheds light on a disappearing species. The Wildlife Professional 3(2):42-45.

Norman, G. W., and R. L. Kirkpatrick. 1981. Nutritional ecology of Ruffed Grouse *Bonasa umbellus* in southwest Virginia, USA. Transactions of the Northeast Section the Wildlife Society 38:30.

Norman, G. W., and R. L. Kirkpatrick. 1981. Estimating carcass fat levels in Ruffed Grouse from wing fat. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 35:211-215.

Norman, G. W., and R. L. Kirkpatrick. 1984. Foods, nutrition, and condition of Ruffed Grouse in southwestern Virginia. Journal of Wildlife Management 48:183-187.

Norman, G. W., D. F. Stauffer, J. Sole, T. J. Allen, W. K. Igo, S. Bittner, J. Edwards, R. L. Kirkpatrick, W. M. Giuliano, B. Tefft, C. Harper, B. Buehler, D. Figert, M. Steamster, and D. Swanson. 2004. Ruffed Grouse ecology and management in the Appalachian region. Final project report of the Appalachian Cooperative Grouse Research Project. 61pp.

Norris, R. E. 1986. Evaluation of a Ruffed Grouse reintroduction in southern Illinois. M. A. Thesis. Southern Illinois University at Carbondale.

Novoa C., Hansen E., Menoni E. , : La mortalité de trois espèces de galliformes par collision dans les câbles : résultats d'une enquête pyrénéenne. [The mortality of three species of galliformes per collision in the cables: results of a Pyrenean

investigation.] ONC manuscript. 17 pp. (in French).

Ohman, K., L. Edenius, and G. Mikusinski. 2011. Optimizing spatial habitat suitability and timber revenue in long-term forest planning. Canadian Journal of Forest Research 41:543-551. (Hazel Grouse).

O'Keefe, J. M. 2004. Use of elevation by Ruffed Grouse in Virginia and Pennsylvania. M. Sc. Thesis. Eastern Kentucky University.

O'Keefe, J., and S. Sumithran. 2004. Habitat use: use of elevation by Ruffed Grouse in Virginia and Pennsylvania. Pp. 45-46 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Oliger, I. M. 1940. Parasitic protozoa and their role in the fluctuation of the Hazel Grouse (*Tetrastes bonasia* L) population in the northern part of the Gorkij Province. Comptes Rendus de L Academies des Sciences de L URSS. 28:470-473.

Olson, C. E. 1995. Monitoring Ruffed Grouse habitat in Michigan with remotely sensed data. M. Sc. Thesis. University of Michigan.

O'Roke, E. C. 1940. A field study of *Leucocytozoon bonasae* Clarke in juvenile Ruffed Grouse, *Bonasa umbellus*. Journal of Parasitology 26:14.

Ott, R. A. 1990. Winter roosting energetics, roost-site selection, and time-activity budgets of Ruffed Grouse in central New York. Ph. D. Dissertation. State University of New York at Syracuse.

Ouellet, H. 1974. An intergenetic grouse hybrid (*Bonasa* x *Canachites*). Canadian Field-Naturalist 88:183-186.

Ouellet, H. 1990. A new Ruffed Grouse, Aves: Phasianidae: *Bonasa umbellus* from Labrador, Canada. Canadian Field-Naturalist 104:445-449.

Pakkala, T., J. Tiainen, H. Linden, J. Piiroinen, M. Vickholm, and E. Virolainen. 1983. A comparison of different methods in censusing the Hazel Grouse. Annales Zoologici Fennici 20:25-29.

Palmeirin, J. M. 1986. Use of Landsat imagery spatial modeling in wildlife habitat mapping and evaluation. Ph. D. Dissertation. University of Kansas. 95pp.

Palmer, W. L. 1954. Unusual Ruffed Grouse density in Benzie County, Michigan. Journal of Wildlife Management 18:542-543.

Palmer, W. L. 1956. Ruffed Grouse population studies on hunted and unhunted areas.

Transactions of the North American Wildlife Conference 21:338-344.

Palmer, W. L. 1959. Sexing live-trapped juvenile Ruffed Grouse. Journal of Willdife Management. 23:111-112.

Palmer, W. L. 1961. A study of Ruffed Grouse drumming sites in northern Michigan. M. Sc. Thesis. Michigan State University.

Palmer, W. L. 1961. A study of Ruffed Grouse drumming sites in northern Michigan. Michigan Department of Conservation, Game Division Report no. 2337.

Palmer, W. L. 1962. Ruffed Grouse flight capability over water. Journal of Wildlife Management 26:338-339

Palmer, W. L. 1963. Ruffed Grouse drumming sites in northern Michigan. Journal of Wildlife Management 27:656-663.

Palmer, W. L. 1968. Ruffed Grouse and Woodcock populations on several small study units of the Gratiot-Saginaw State Game Area (Michigan Department of Conservation. Research and development report). Michigan Department of Conservation. 5pp.

Palmer, W. L. 1969. Time frequency between successive drumming performances of Ruffed Grouse. Wilson Bulletin 81:97-99.

Palmer, W. L., and C. L. Bennett, Jr. 1963. Relation of season length to hunting harvest of Ruffed Grouse. Journal of Wildlife Management 27:634-639.

Palmer, T. S. 1913. Introduction of the Ruffed Grouse on Washington Island, Wisc. Auk 30:582.

Parent, A. 1996. Validation d'un modèle de qualité d'habitat pour la gélinotte huppée (*Bonasa umbellus*) et caractérisation de l'habitat de tambourinage sur la Seigneurie Nicolas-Riou, Forêt modèle du Bas-Saint-Laurent. [Validation of a model of quality of habitat for the Ruffed Grouse (*Bonasa umbellus*) and characterization of the habitat of drumming sites on the Seigniory Nicolas-Riou, Forêt models of the Low-Saint-Laurent.] Report to Ministère de l'environnement et de la faune, Quebec. (in French).

Parker, G. H. 1985. Copper, nickel, and iron in plumage of three upland gamebird species from non-contaminated environments. Bulletin of Environmental Contamination and Toxicology 35:776-780.

Parmen, M. 2010. Grouse Hunter's Almanac: the Other Kind of Hunting. University of Wisconsin Press, Madison, Wisconsin. 227pp. (Ruffed Grouse).

Pavlushchick, T. E., and N. V. Malyutina. 1986. [Reproductive phenology of the Capercaillie and Hazel Hen on Berezinsk Reserve.]. Pp. 162-164 IN: I. D. Yurkevich, L. M. Sushchenya, E. P. Yaroshevish, A. N. Kurskov, and P. A. Kovringo (eds.). [Phenological studies of nature in Byelorussia.]. Nauka i tekhnika, Minsk. (in Russian).

Pelren, E. C. 1991. Daily movements and habitat utilization of Ruffed Grouse in the Cherokee National Forest. M. Sc. Thesis. University of Tennessee, Knoxville.

Penner, R., G. E. E. Moodie, and R. J. Staniforth. 1999. The dispersal of fruits and seeds of Poison-ivy, *Toxicodendron radicans*, by Ruffed Grouse, *Bonasa umbellus*, and squirrels, *Tamiasciurus hudsonicus* and *Sciurus carolinensis*. Canadian Field-Naturalist 113:616-620.

Perusek, M. 2004. Gozdni jereb *Bonasa bonasia*. [Hazel Grouse *Bonasa bonasia*.] Acrocephalus 25(122):162-163. (in Slovenian with English summary).

Peterle, T. J. 1953. An extended incubation period of the Ruffed Grouse. Wilson Bulletin 65:119.

Petraborg, W. H., E. G. Wellein, and V. E. Gunvalson. 1953. Roadside drumming counts – a spring census method for Ruffed Grouse. Journal of Wildlife Management 17:292-295.

Petrides, G. A. 1948. Ruffed Grouse eats snake. Wilson Bulletin 60:49.

Pettigrew, P. 1993. Étude de la population de gélinottes huppées (*Bonasa umbellus*) sur la Réserve faunique de Matane à partir de la récolte par la chasse sportive: automne 1992. [Study of the population of Ruffed Grouse (*Bonasa umbellus*) on the faunal Reserve of Matane starting from harvest by sporting hunting: autumn 1991. Université du Québec à Rimouski. (in French).

Pharris, L.D., S. Chaney, and M. Cartwright. 1983. Preliminary evaluation of Ruffed Grouse restoration efforts in Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 37:28-33.

Philippi, L. 1945. L'alimentation hivernale de la Gelinotte a fraise, *Bonasa umbellus togata* L., dans la region de Montreal. [The winter food of Ruffed Grouse, *Bonasa umbellus togata* L, in the area of Montreal.] Nat. Canada 72:235-240. (in French).

Phillips, J. C. 1926. An investigation of the periodic fluctuations in the numbers of the Ruffed Grouse. Science 63:92-93.

Phillips, J. C. 1937. Man's influence on Ruffed Grouse population: Suggestions for further investigations. Cosmos Press. 24pp.

Phillips, R. L. 1964. Ruffed Grouse nesting in Utah. Condor 66:248.

Phillips, R. L. 1965. Seasonal habits and habitat of the Ruffed Grouse in the Wellsville Mountains, Utah. M. Sc. Thesis. Utah State University.

Phillips, R. L., 1967. Fall and winter food habits of Ruffed Grouse in northern Utah. Journal of Wildlife Management 31:827-829.

Piao, Z.-J., and Y.-H. Sun. 1997. Reproductive success of Hazel Grouse at Changbai Mountain. Acta Zoologica Sinica 43:279-284. (in Chinese with English summary).

Pietz, P. J. 1979. Utilization of Minnesota peatland habitats by snowshoe hare, white-tailed deer, Spruce Grouse, and Ruffed Grouse. M. Sc. Thesis. University of Minnesota.

Pietz, P. J., and J. R. Tester. 1979. Utilization of Minnesota peatland habitats by snowshoe hare, white-tailed deer, Spruce Grouse, and Ruffed Grouse. Final Technical Report, Minnesota Department of Natural Resources. 80pp.

Pietz, P. J., and J. R. Tester. 1982. Habitat selection by sympatric Spruce and Ruffed Grouse in north central Minnesota. Journal of Wildlife Management 46:391-403.

Plage, P. J. 1975. Ruffed Grouse (*Bonasa umbellus*) on two areas in central Massachusetts. M. Sc. Thesis. University of Massachusetts.

Plaugher, G. F. 1998. Seasonal habitat, foods, and movements of Ruffed Grouse in the central Appalachian mountains of West Virginia. M. Sc. Thesis. West Virginia University, Morgantown.

Polderboer, E. B. 1940. The cover requirements of the Eastern Ruffed Grouse, *Bonasa umbellus umbellus* L., in northeast Iowa. M. Sc. Thesis. Iowa State College.

Polderboer, E. B. 1942. Seasonal food preference trends of Eastern Ruffed Grouse in Iowa as shown by dropping analysis. Iowa State College Journal of Science 16:331-335.

Porath, W. R. 1968. Population ecology of Ruffed Grouse in northeast Iowa. M. Sc. Thesis. Iowa State University.

Porath, W. R., and P. A. Vohs, Jr. 1972. Population ecology of Ruffed Grouse in northeastern Iowa. Journal of Wildlife Management 36:793-802.

Porkert, J. 1972. Verhalten eines Haselhahnes in einer Konfliktsituation. [Holding back of Hazel Hen in a conflict situation.] European Journal of Wildlife Research

18:172-178. (in German).

Porkert, J. 1978. Zur Schädigung der Tetraoniden durch Mallophaga. [To the damage of the tetraoniden by mallophaga.] European Journal of Wildlife Research 24:64-71. (in German with English summary).

Porkert, J. 1978. [A mass increase of goniocotes-megalocephalus on a traumatized Hazel Grouse.] Angewandte Parasitologie 19:213-219. (in German with English summary).

Post, T. J. 2005. The Ruffed Grouse. New York State Conservationist Oct. 2005:15-19.

Potapov, E. R. 1982. Winter ecology of Hazel Grouse. M. Sc. Thesis. University of Leningrad, Department of Zoology. (in Russian).

Potapov, R. L. 1985. [Order Galliformes Part 2. Family Tetraonidae. Volume 3 Part 1.] Fauna SSSR, Suppl. 133:1-637. (in Russian).

Potapov, R. L. 1993. The study of Hazel Grouse displays. Grouse News 5:8-12.

Potapov, R. L. 1998. Chinese Hazel Grouse. Grouse News 16:4-7.

Prawdzik, T. R. 1963. Ruffed Grouse escaping a Cooper's Hawk. Journal of Wildlife Management 27:639-642.

Price, D. H. 1975. Some factors affectingthe growth, development, reproduction, and energy metabolism of captive Ruffed Grouse, *Bonasa umbellus* (Linneaus). M. Sc. Thesis. University of Guelph.

Proctor, A. B. 2010. Effect of nutritional deficiency on Ruffed Grouse condition and reproductive success. M. Sc. Thesis. West Virginia University. 99pp.

Proctor A. B., and J. W. Edwards. 2009. Total body electrical conductivity for determining carcass fat in Ruffed Grouse. Pages 499 - 504 in S. B. Cederbaum, B. C. Faircloth, T. M. Terhune, J. J. Thompson, and J. P. Carroll JP, eds. Gamebird 2006: Quail VI and Perdix XII. 31 May - 4 June 2006. Warnell School of Forestry and Natural Resources, Athens, GA, USA.

Pulliainen, E. 1981. Weights of the crop contents of *Tetrao urogallus*, *Lyrurus tetrix*, *Tetrastes bonasia* and *Lagopus lagopus* in Finnish Lapland in autumn and winter. Ornis Fennica 58:64-71.

Pulliainen, E., and E. Tanhuanpää. 1968. Pluminidal sinus (epidermoid cyst) on the back of male Hazel Grouse (*Tetrastes bonasia* L.). - Annals Zoologica Fennici 5: 270-272.

Pynnonen, A. 1954. Beitrage zur Kenntis der Lebenweise des Haselhuhns *Tetrastes bonasia*. [Contributing to the Kenntis of the life way of the Hazel hen *Tetrastes bonasia*.] Papers on Game Research 12:1-90. (in German).

Rajala, P., and H. Lindén. 1981. Metsakanalintukannat 1974-77 seka kannanmuutokset 1964 lahtien. [Finnish tetraonid populations in 1974-77 and population trends in the period 1964-77 according to the August route-censuses.]. Suomen Riista 28:15-24. (in Finnish with English summary).

Ransom, A. B. 1965. Observations of Ruffed Grouse decline. Canadian Field-Naturalist 79:128-130.

Ranta, E., P. Helle, and H. Linden. 2004. Kvantitatiivisten metsakanalintuaineistojen nelja vuosikymmenta. [Forty years of grouse monitoring in Finland.] Suomen Riista 50:128-136. (in Finnish with English summary).

Ranta, E., J. Lindstrom, H. Linden, and P. Helle. 2008. How reliable are harvesting data for analysis of spatio-temporal population dynamics? Oikos 117:1461-1468. (Black Grouse, Capercaillie, Hazel Grouse).

Rasmussen, G. P. 1972. Thermoregulation of the Ruffed Grouse. M. Sc. Thesis. University of Massachusetts.

Rasmussen, G., and R. Brander. 1973. Standard metabolic rate and lower critical temperature for the Ruffed Grouse. Wilson Bulletin 85:223-229

Ravkin, Y. S., L. G. Vartapetov, K. V. Toropov, S. M. Tsybulin, V. A. Yudkin, V. S. Zhukov, A. M. Adam, I. V. Pokrovskaya, A. A. Ananin, S. A. Solovyev, V. N. Blinov, T. K. Blinova, E. L. Shor, V. M. Anufriev, and G. N. Tertitsjy. 2004. [The population and distribution of wood grouse and Hazel Grouse over the west Siberian Plain before the hunting season.] Sibirskii Ekologicheskii Zhurnal 11:563-566. (in Russian with English summary).

Reif, V. 2008. Birds of prey and grouse in Finland: Do avian predators limit or regulate their prey numbers? Ph. D. Dissertation. University of Oulu. 70pp. (Capercaillie, Black Grouse, Hazel Grouse).

Reif, V., R. Tornberg, and K. Huhtala. 2004. Juvenile grouse in the diet of some raptors. Journal of Raptor Research. 38:243-249.

Renstrom, R. 1999. Understated elegance: A grouse hunter's study of the Idaho Ruffed Grouse. 52pp.

Reynolds, M. C., D. F. Stauffer, R. L. Kirkpatrick, and G. W. Norman. 2000. A summary of findings from phase I of the Appalachian Cooperative Grouse

Research Project, 1996-1999.

Rhim, S.-J. 2002. Characteristics of distribution,behavioral ecology and habitat using pattern of Hazel Grouse *Bonasa bonasia* [D]. Ph. D.Thesis, Seoul National University, Seoul. (In Korean with English summary).

Rhim, S.-J. 2006. Home range and habitat selection of Hazel Grouse *Bonasa bonasia* in a temperate forest of South Korea. Forest Ecology and Management 226:22-25.

Rhim, S.-J. 2010. Spring-season social organization of the Hazel Grouse (*Bonasa bonasia*) in relation to habitat type in temperate forests of South Korea. Ornis Fennica 87:160-167.

Rhim, S.-J., and W.-S. Lee. 2000. [Winter diet of Hazel Grouse *Bonasa bonasia*.] (in Korean).

Rhim, S.-J., and W.-S. Lee. 2001. Characteristics of Hazel Grouse *Bonasa Bonasia* distribution in southern Korea. Wildlife Biology 7:257-261.

Rhim, S.-J., and W.-S. Lee. 2002. Characteristics of seasonal movement of Hazel Grouse (*Bonasa bonasia*) in a temperate forest. Journal of Forest Research 13:131-134.

Rhim, S.-J., and W S. Lee. 2002. Analysis of habitat using pattern of Hazel Grouse *Bonasa bonasia* by habitat suitability index. Journal of Korean Forestry.

Rhim, S.-J., and W.-S. Lee. 2003. Winter sociality of Hazel Grouse *Bonasa bonasia* in relation to habitat in a temperate forest of South Korea. Wildlife Biology 9:365-370.

Rhim, S.-J., and W.-S. Lee. 2004. Seasonal changes in territorial behaviour of Hazel Grouse (*Bonasa bonasia*) in a temperate forest of South Korea. Journal of Ornithology 145:31-34.

Rhim, S.-J., and S.-H. Son. 2009. Natal dispersal of Hazel Grouse *Bonasa bonasia* in relation to habitat in a temperate forest of South Korea. Forest Ecology and Management 258:1055-1058.

Rickers, J. R., L. P. Queen, and G. J. Arthaud. 1995. A proximity-based approach to assessing habitat. Landscape Ecology 10:309-321.

Riley, J. H. 1916. Description of a new Hazel Grouse from Manchuria. Washington Proceedings of Biological Sciences. 29:17-18.

Rittenhouse, C. D., W. D. Dijak, F. R. Thompson III, and J. J. Millspaugh. 2007. Development of landscape-level habitat suitability models for ten wildlife species

in the Central Hardwoods Region. USDA Forest Service General Technical Report NRS-4. Newtown Square, Pennsilvania. 52pp. (Ruffed Grouse, pp20-24).

Robertson, R. L. 1976. Ruffed Grouse habitat preferences and effects of livestock grazing on habitat utilization. M. Sc. Thesis. Utah State University.

Robbins, R. C. 1901. Ruffed Grouse in snow. Auk 18:190-191.

Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Michigan.

Rodgers, R. D. 1979. Ruffed Grouse ecology and factors affecting drumming counts in southwestern Wisconsin. M. Sc. Thesis. University of Wisconsin – Madison.

Rodgers, R. D. 1979. Ratios of primary calamus diameters for determining age of Ruffed Grouse. Wildlife Society Bulletin 7:125-127.

Rodgers, R. D. 1980. Ecological relationships of Ruffed Grouse in southwestern Wisconsin. Wisconsin Academy of Science, Arts and Letters 68:97-105.

Rodgers, R. D. 1981. Factors affecting Ruffed Grouse drumming counts in southwestern Wisconsin. Journal of Wildlife Management 45:409-418.

Rodgers, R. D., R. G. Wells, K. E. Church, R. L. Whiteaker, M. T. McFadden, D. S. Lekie, R. A. Berquist, H. J. Abel, and R. D. Applegate. 1998. Restoration and status of the Ruffed Grouse in Kansas. Prairie Naturalist 30:91-100.

Rodionov, M. A. 1963. Contribution to the biology of the Hazel Grouse (*Tetrastes bonasia* L.) in the Leningrad oblast From: REF ZH BIOL, 1965, No. 1I139. (Translation). Uch. Zap. Leningr Gos. Pedagog Inst. Im. A I Gertsena 230:139-165.

Rodrigue, J., R. McNicoll, D. Leclair, and J. –F. Dushesne. 2005. Lead concentrations in Ruffed Grouse, Rock Ptarmigan, and Willow Ptarmigan in Quebec. Archives of Environmental Contamination and Toxicology 49:97-104.

Rogers, R. E. 1983. Ruffed Grouse brood use of oak-hickory forests managed with prescribed burning. M. Sc. Thesis. West Virginia University.

Roloff, G. J., J. B. Haufler, and M. C. Reynolds. 1994. Variability in the structure and composition of regenerating aspen with implications for Ruffed Grouse management. Michigan Academician 26:75-82.

Romanoff, A. L., G. Bump, and E. Holm. 1938. Artificial incubation of some upland

game bird eggs. New York Conservation Departmentm, Bulletin No. 2

Romanov, A. N. 1963. An outline of the ecology of the Hazel Grouse in the Komi ASSR Referat. Zhur., Biol., 1964, No. 1I200. (Translation). Tr. Komi. Fil. Akad. Nauk. SSSR. 12:79-86.

Romanov, A. N., A. A. Gaider, and V. B. Kolychev. 1988. [A method for studying the population structure and conservation of Hazel-Grouse (*T. bonasia*).] Pp. 118-126, 277. IN: Ratsionalizatsiya metodov izucheniya okhotnichikh zhivotnykh. [Rationalisation of study methods on game animals.]

Rose, G. A. 1981. Effects of smelter pollution on temporal changes in feather and bodytissue metal content of Ruffed Grouse near Sudbury, Ontario. M. Sc. Thesis. Laurentian University.

Rose, G. A., and G. H. Parker. 1982. Effects of smelter emissions on metal levels in the plumage of Ruffed Grouse near Sudbury, Ontario, Canada. Canadian Journal of Zoology 60:2659-2667.

Rose, G. A., and G. H. Parker. 1983. Metal content of body tissues, diet items, and dung of Ruffed Grouse near the copper-nickel smelters at Sudbury, Ont. Canadian Journal of Zoology 61:505-511.

Roussel, Y. E., and R. Ouellet. 1975. A new criterion for sexing Quebec Ruffed Grouse. Journal of Wildlife Management 39:443-445.

Rozycki, A. J., M. Keller, and T. Buczec. 2007. Liczebnosc i preferencje siedliskowe jarzabka *Bonasa bonasia* w Lasach Parczewskich. [Numbers and habitat preferences of the Hazel Grouse *Bonasa bonasia* in the Lasy Parczewskie forest.] Notatki Ornitologiczne 48:151-162. (in Polish with English summary).

Rudmann, F., P. Meile, F. Knusel, and R. Sommerhalder. 2001. Rauhfusshühner im Appenzellerland: Vorkommen, Bestandesentwicklung und Schutzmassnahmen**.** [Grouse in Appenzellerland: Occurrence, development of population and protective measures.] Schweizerische Zeitschrift fur Forstwesen 152:295-304. (in Swiss with English summary). (Capercaillie, Black Grouse, Hazel Grouse, Rock Ptarmigan).

Rue, L. L. 1973. The world of the Ruffed Grouse. J. B. Lippencott Company. Philadelphia, PA and New York, NY. 160pp.

Rusch, D. H. 1971. Ecology of predation and Ruffed Grouse populations in Central Alberta. Ph. D. Dissertation, University of Wisconsin.

Rusch, D. H., S. Destefano, M. C. Reynolds, and L. Lauten. 2000. Ruffed Grouse (*Bonasa umbellus*). The Birds of North America.

Rusch, D. H., S. DeStefano, R. J. Small. 1984. Seasonal harvest and mortality of Ruffed Grouse in Wisconsin. Pp. 135-150 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Rusch, D. H., M. M. Gillespie, and D. I. McKay. 1978. Decline of a Ruffed Grouse population in Manitoba. Canadian Field-Naturalist 92:123-127.

Rusch, D. H., and L. B. Keith. 1971. Ruffed Grouse – vegetation relationships in central Alberta. Journal of Wildlife Management 35:417-429.

Rusch, D. H., and L. B. Keith. 1971. Seasonal and annual trends in numbers of Alberta Ruffed Grouse. Journal of Wildlife Management 35:803-822.

Rusch, D. H., L. B. Keith, P. D. Doerr, and C. A. Fischer. 1984. Demography of a Ruffed Grouse population in central Alberta. Unpublished Report, Department of Wildlife Ecology, Univesity of Wisconsin, Madison.

Rutkowski, R., M. Keller, and P. Jagolkowska. 2007. Populacje i podgatunki - genetyka molekularna w badaniach europejskich gluszcowatych Tetraonidae. [Species and subspecies - molecular genetics in studies of the European Tetraonidae.] Notatki Ornitologiczne 48:259-272. (in Polish with English summary).

S., W. 1927. Report on the Ruffed Grouse investigation. Auk 44:279.

S., W. 1936. Clarke on 'fluctuations in numbers of Ruffed Grouse.' Auk 53:462-163.

Saari, L., J. Aberg, and J. E. Swenson. 1996. Factors influencing the dynamics of occurence of the Hazel Grouse (*Bonasa bonasia*) in a small-scale managed landscape. Swedish University of Agricultural Sciences, Department of Wildlife Ecology, Report 32:55-69.

Saari, L., J. Aberg, and J. E. Swenson. 1998. Factors influencing the dynamics of occurance of the Hazel Grouse in a fine-grained managed landscape. Conservation Biology 12:586-592.

Sachot, S., N. Perrin, and C. Neet. 2003. Winter habitat selection by two sympatric forest grouse in western Switzerland: implications for conservation. Biological Conservation 112:373-382.

Sahlsten, J. 2007. Impact of geographical and environmental structures on habitat choice, metapopulation dynamics and genetic structure for Hazel Grouse (*Bonasa bonasia*). Ph. D. Thesis. Uppsala University.

Sahlsten, J., H. Thorngren, and J. Hoglund. 2008. Inference of Hazel Grouse population structure using multilocus data: a landscape genetic approach. Heredity 101:475-482.

Sahlsten, J., F. Wickstrom, and J. Hoglund. 2010. Hazel Grouse *Bonasa bonasia* population dynamics in a fragmented landscape: a metapopulation approach. Wildlife Biology 16:35-46.

Salo, L. J. 1971. Autumn and winter diet of the Hazel Grouse (*Tetrastes bonasia* L.) in northeastern Finnish Lapland. Annals Zoologica Fennici 8:543-546.

Salo, L .J. 1973. Chemical composition and caloric content of the autumn and winter diet of *Tetrastes bonasia* L. in northeastern Finnish Lapland. Annales Zoologica Fennici 10:384-387.

Salo, L. J. 1976. Drumming sites of the Ruffed Grouse *Bonasa umbellus* in western Washington, USA. Annales Zoologica Fennici 13:153-155.

Salo, L. J. 1978. Characteristics of Ruffed Grouse drumming sites in western Washington and their relevance to management. Annales Zoologica Fennici 15:261-278.

Samuel, D. E. 1974. Ruffed Grouse vocalizations at the drumming log. Wilson Bulletin 86:131-135.

Samuel, D. E., D. R. Beightol, and C. W. Brain. 1974. Analysis of the drums of Ruffed Grouse. Auk 91:507-516.

Sandys, E. 1901. The Ruffed Grouse and its shooting. Outing 39(1): 3-9.

Sandys, E., and T. S. Van Dyke 1902. Upland Game Birds. McMillan.

Saniga, M. 2002. Nest loss and chick mortality in Capercaillie (*Tetrao urogallus*) and Hazel Grouse (*Bonasa bonasia*) in West Carpathians. Folia Zoologica 51:205-214.

Santiago, S., B. Mulhauser, and N. Kaiser. 2003. Effectifs et statut de la population de gelinotte des bois *Bonasa bonasia* dans le canton de Neuchatel (Suisse). [Numbers and status of the population of the Hazel Grouse *Bonasa bonasia* in the Neuchatel canton (Switzerland).] Bulletin de la Societe Neuchateloise des Sciences Naturelles 126:121-134. (in French with English summary).

Sasaoka, K. 1988. [Weight coefficient of the Hazel Grouse's egg in captivity.] Japanese Journal of Ornithology 37:84-86. (in Japanese).

Sasaoka, K., and Y. Fujimaki. 1990. [Diet of *Tetrastes bonasia* chicks and diet

composition in captivity.] Japanese Journal of Ornithology 39:25-32. (in Japanese with English summary).

Saunders, W. E. 1937. City Grouse (*Bonasa umbellus*). Canadian Field-Naturalist 51:107-108.

Sawyer, E. J. 1908. The drumming of the Ruffed Grouse. Bird Lore 10:246-249.

Scanlon, P. F., R. G. Oderwaid, T. J. Dietrick, amd J. L. Coggin. 1980. Heavy metal concentrations in feathers of Ruffed Grouse shot by Virginia hunters. Bulletin of Environmental Contamination and Toxicology 25:947-949.

Schaffer, W., B. Beck, J. Beck, M. Todd, R. Bonar, and R. Quinlan. 1999. Ruffed Grouse winter foraging habitat: Habitat suitability index model version 3. 7pp.

Scharf, W. C. 1969. The recognition of food plants in a series of Ruffed Grouse droppings. Jack-Pine Warbler 47:56-63.

Schatt, J. 1991. [The biology, eco-ethology and protection of the Hazel Grouse [*Bonasia bonasia (Tetrastes bonasia)*]]. Revue Forestiere Francaise 43(5):445-462. (in French).

Schatt, J. 1991. Etude du regime alimentaire de la Gelinotte des bois *Bonasa bonasia* dans l'Ain (premiere partie). [A study of Hazel Hen *Bonasa bonasia* diet, Ain region, France: part I.] Alauda 59:89-100. (in French with English summary).

Schatt, J. 1993. Etude du regime alimentaire de la Gelinotte des bois *Bonasa bonasia* dans l'Ain (deuxieme partie). [Diet of the Hazel Grouse *Bonasa bonasia* in Ain. Part 2.] Alauda 61:19-34. (in French).

Schatt, J. 1995. La Gelinotte des bois dans l' Ain. Densite, sex-ratio, reproduction. [Hazel Grouse in Ain. Density, sex-ratio, reproduction.] Alauda 63:253-271. (in French).

Schaublin, S. 2007. Distribution and habitat selection of Hazel Grouse *Bonasa bonasia* in a subalpine forest. M. Sc. Thesis. University of Zurich.

Schaublin, S., and K. Bollmann. 2011. Winter habitat selection and conservation of Hazel Grouse (*Bonasa bonasia*) in mountain forests. Journal of Ornithology 152:179-192.

Schawe, G. 1999. Male mating signals in the Ruffed Grouse: Drumming and the use of a genetic marker of behavior and viability. M. Sc. Thesis. University of Albany.

Schemnitz, S. D. 1970. Fall and winter feeding activities and behavior of Ruffed Grouse in Maine. Proceedings of the Northeast Section of the Wildlife Society Annual

Conference 27:127-140.

Scherzinger, W. 1979. Courtship postures of the Hazel Grouse. Studies in captivity. Pp. 131-133 In: Woodland Grouse Symposium, Inverness, Scotland. December 4th – 8th, 1978.

Scherzinger, W. 1979. On the reactions to predators of Hazel Grouse *Bonasa bonasia*. Vogelwelt 100:205-217.

Scherzinger, W. 1981. Stimminventar und Forflanzungsverhalten des haselhuhnes *Bonasa bonasia*. [Inventory and distribution of the Hazel Grouse *Bonasa bonasia*.] Ornithologische Beobachter 78:57-86. (in German).

Scherzinger, W. 1982. Trials with natural broods of grouse. Pp. 199-201 In: Proceedings of the Second International Symposium on Grouse, Edinburgh, Scotland. March 16th - 20th, 1981.

Scherzinger, W. 1985. Der Lebensraum des Haselhuhnes. [The habitat of the Hazel Grouse.] LÖLF-Mitteilungen Heft 3, Bd. 10:38-40. (in German).

Scherzinger, W. 2002. Zur Investition des Haselhahnes *Bonasa bonasia* bei der Kükenaufzucht in Gehegehaltung. [Investment of captive Hazel Grouse cocks *Bonasa bonasia* in brood-rearing.] Ornithologische Beobachter 99:221-223. (in German with English summary).

Scherzinger, W., S. Klaus, Y.-H. Sun, and Y. Fang. 2006. Ethological and acoustical characters of the Chinese Grouse (*Bonasa sewerzowi*), compared with sibling Hazel Grouse (*B.bonasia*) and Ruffed Grouse (*B. umbellus*). Acta Zoologica Sinica 52(suppl.):293-297.

Schladweiler, P. 1965. Movements and activities of Ruffed Grouse, *Bonasa umbellus* (L.) during the summer period. Ph. D. Dissertation. University of Minnesota, St. Paul.

Schladweiler, P. 1968. Feeding behavior of incubating Ruffed Grouse females. Journal of Wildlife Management 32:426-428.

Schmaltz, J. E. 1978(?). Ruffed Grouse (*Bonasa umbellus*) abundance and distribution prior to habitat management in Central Pennsylvania. M. Sc. Thesis. Pennsylvania State University.

Schmalzer, A., and H. Uhl. 2000. Present status of grouse species (*Tetraonidae*) in the Freiwald area (Austria).- V: Proceeding of the International Conference in Česke Budejovice, Czech Republic, 24 -26 March 2000. Málková P. (ur.). Sborník vyšel ve spolupráci s AOPK ČR v rámci programu NATURA 2000: 28-32. (Black Grouse, Capercaillie, Hazel Grouse).

Schmidt, R. 1986. Untersuchungen zum Artenschutzprojekt Haselhuhn (*Bonasa bonasia*) für den rechtsrheinischen Teil von Rheinland-Pfalz und dem Forstamtsbezirk Ahrweiler. [Investigations to the protection of species project Hazel Grouse (*Bonasa bonasia*) for the right-Rhenish part of Rhineland-Palatinate and the Forestry Commission district Ahrweiler.] Naturschutz und Ornithologie in Rheinland-Pfalz. (in German).

Schmitt, S. M., T. M. Cooley, and P. D. Friedrich. 1986. Survey for proventricular worm (*Dispharynx nasuta*) in Ruffed Grouse – 1985. Report Number 3029. Michigan Department of Natural Resources, Wildlife Division. 12pp.

Schofield, R. D. 1960. A thousand miles of fox trails in Michigan's Ruffed Grouse range. Journal of Wildlife Management 24:432-434.

Schorger, A. W. 1945. The Ruffed Grouse in early Wisconsin. Transactions of the Wisconsin Academy of Science, Arts and Letters 37:35-90.

Schorger, A. W. 1961. Porcupine quills in a Ruffed Grouse. Wilson Bulletin 73:394.

Schulz, J. W. 1977. Even Ruffed Grouse have ups and downs. North Dakota Outdoors 39(8):8-9.

Schulz, J. W. 1979. Plumage coloration and Ruffed Grouse survival. North Dakota Outdoors 42(2):10-11.

Schulz, J. W. 1983. Determining the sex and age of Ruffed Grouse. North Dakota Outdoors 46(3):9-11.

Schulz, J. W. 1984. Manipulation of habitat for Ruffed Grouse on the Wakopa Wildlife Management Area, North Dakota. Pp. 109-121 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Mich.

Schulz, J. W. 1987. Ruffed Grouse. North Dakota Outdoors 49(6):16-17.

Schulz, J. W. 1990. Ruffed Grouse. North Dakota Outdoors 52(6):17.

Schulz, J. W. 1990. Ruffed Grouse trapping and transplanting. Project W-67-R-30. Report No. B-437. North Dakota Game and Fish Department. 6pp.

Schulz, J. W., A. Aufforth, and J. Woods. 1983. Fall foods of Ruffed Grouse. North Dakota Outdoors 46(4):12-15.

Schulz, J.W., and E.L. Bakke. 1983. Evaluation of introduced Ruffed Grouse in western North Dakota. Prairie Naturalist 15:129-132.

Schulz, J. W., E. L. Bakke, and J. F. Gulke. 1989. Characteristics of Ruffed Grouse drumming sites in the Turtle Mountains, North Dakotaa. Prairie Naturalist 21:17-26.

Schultz, V. 1953. Status of the Ruffed Grouse in Tennessee. Migrant Tennessee 24:

Schumacher, C. L. 2002. Ruffed Grouse habitat use in western North Carolina. M. Sc. Thesis University of Tennessee, Knoxville. 74pp.

Schumacher, C. L., C. A. Harper, D. A. Buehler, G. S. Warburton, and W. G. Misner. 2000. Drumming log habitat selection by male Ruffed Grouse in North Carolina. Proceedings of the 55th. Annual Conference of Southeastern Association of Fish and Wildlife Agencies. Pp. 466-474..

Scott, J. G. 1995. Movement and habitat use by Ruffed Grouse with broods on state game lands 176 in central Pennsylvania. M. F. R. Thesis Pennsylvania State University.

Scott, J. G., M. J. Lovallo, G. L. Storm, and W. M. Tzilkowski. 1998. Summer habitat use by Ruffed Grouse with broods in central Pennsylvania. Journal of Field Ornithology 69:474-485.

Scott, W. E. 1947. Red-bellied snake in Ruffed Grouse crop. Auk 64:140.

Scurlock, B. M. 2002. Winter food habits and diet quality of Ruffed Grouse (*Bonasa umbellus*) in eastern Kentucky and south-central Ohio. M. Sc. Thesis. Eastern Kentucky University.

Seebohm, H. 1884. On *Tetrao grisciventris*, a recently described species of Hazel-Grouse from north-east Russia. Ibis 26:430-431.

Seehorn, M. E., R. F. Harlow, and M. T. Mengak. 1981. Foods of Ruffed Grouse from three locations in the southern Appalachian Mountains. Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies 35:216-224.

Seiler, C., P. Angelstam, and H.-H. Bergmann. 2000. Conservation releases of captive-reared grouse in Europe: what do we know and what do we need? Cahiers d'Ethologie 20:235-252.

Semenov-Tian-Shanskii, O. I. 1960. [Ecology of grouse in the Lapland Reserve.] Proceedings of the Lapland Reserve 5:1-318. (in Russian).

Servello, F. A. 1985. Regional variation in the nutritional ecology of Ruffed Grouse. Ph. D. Dissertation. Virginia Polytech Institute and State University.

Servello, F. A., and R. L. Kirkpatrick. 1986. Sexing Ruffed Grouse in the southeast using feather criteria. Wildlife Society Bulletin 14:280-282.

Servello, F. A., and R. L. Kirkpatrick. 1987. Fat indices for Ruffed Grouse. Journal of Wildlife Management 51:173-177.

Servello, F. A., and R. L. Kirkpatrick. 1987. Regional variation in the nutritional ecology of Ruffed Grouse. Journal of Wildlife Management 51:749-770.

Servello, F. A., and R. L. Kirkpatrick. 1988. Nutrition and condition of Ruffed Grouse during the breeding season in southwestern Virginia. Condor 90:836-842.

Servello, F. A., and R. L. Kirkpatrick. 1989. Nutritional value of acorns for Ruffed Grouse. Journal of Wildlife Management 53:26-29.

Servello, F. A., R. L. Kirkpatrick, and K. E. Webb Jr. 1987. Predicting metabolizable energy in the diet of Ruffed Grouse. Journal of Wildlife Management 51:560-567.

Severinghaus, C. W. 1950. A Ruffed Grouse, *Bonasa umbellus*, that did not abandon her nest. Auk 67:384.

Seville, W. S. 1949. Sex and age ratio of Ruffed Grouse in Massachusetts as indicated by wing and tail samples. Massachusetts Department of Fish and Game.

Sharp, W. M. 1963. The effects of habitat manipulation and forest succession on Ruffed Grouse. Journal of Wildlife Management 27:664-671.

Sharpe, P. B. 1991. Winter ecology and energetics of Ruffed Grouse in southern Illinois. M. Sc. Thesis. Southern Illinois University at Carbondale.

Sharpe, P. B., A. Woolf, and D. D. Roby. 1998. Raising and monitoring tame Ruffed Grouse (*Bonasa umbellus*) for field studies. American Midland Naturalist 139:39-48.

Shetter, D. S. 1937. The speed of flight of the Ruffed Grouse. Wilson Bulletin 49:49.

Shrader, T. A. 1944. Ruffed and Spruce Grouse. Conservation Volunteer 7(40):36-40.

Shufeldt, R. W. 1894. On the coloration of the Ruffed Grouse. Science 23:48-49.

Skrip, M. M. 2010. Fall-winter survival, habitat, and long-term population change of

Ruffed Grouse in New York State. M. Sc. Thesis. State University of New York College of Environmental Science and Forestry, Syracuse. 120pp.

Small, R. J. 1985. Mortality and dispersal of Ruffed Grouse in central Wisconsin. M. Sc. Thesis. University of Wisconsin – Madison.

Small, R. J., J. C. Holzwart, and D. H. Rusch. 1991. Predation and hunting mortality of Ruffed Grouse in central Wisconsin. Journal of Wildlife Management 55:512-520.

Small, R. J., J. C. Holzwart, and D. H. Rusch. 1993. Are Ruffed Grouse more vulnerable to mortality during dispersal? Ecology 74:2020-2026.

Small, R. J., J. C. Holzwart, and D. H. Rusch. 1996. Natality of Ruffed Grouse *Bonasa umbellus* in central Wisconsin, USA. Wildlife Biology 2:49-52.

Small, R. J., and D. H. Rusch. 1985. Backpacks vs. ponchos: Survival and movements of radio-marked Ruffed Grouse. Wildlife Society Bulletin 13:163-165.

Small, R. J., and D. H. Rusch. 1989. The natal dispersal of Ruffed Grouse. Auk 106:72-79.

Small, R. J., D. H. Rusch, J. R. Cary, and J. C. Holzwart. 1997. Population dynamics of Ruffed Grouse *Bonasa umbellus* in the fragmented forests of central Wisconsin, USA. Wildlife Biology 3:292. Abstract only.

Smirnov, K. A. 2004. [Autumn foods and morphology of the Hazel Grouse (*Tetrastes bonasia*) in Yaroslavl Region, Central European Russia.]. Ornitologiya 31:263-266. (in Russian).

Smith, A. F. 1978. Fall and winter food habits of the Ruffed Grouse in Georgia. M. Sc. Thesis. Univ. Georgia.

Smith, B. W. 2006. Nesting ecology, chick survival, and juvenile dispersal of Ruffed Grouse (*Bonasa umbellus*) in the Appalachian Mountains. Ph.D. Dissertation. West Virginia University.

Smith, B. W., C. Dobony, and J. Edwards. 2004. Nesting and reproductive output: survival and cause specific mortality of Ruffed Grouse chicks in the Appalachians. Pp. 27-28 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Smith, B. W., and J. Edwards. 2004. Nesting and reproductive output: predation of Ruffed Grouse nests in West Virginia. Pp. 23-24 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative

Grouse Research Project Final Report.

Smith, L. S. 1951. A game survey of the Arnot Forest with emphasis on grouse and deer. M. Sc. Thesis. Cornell University 76pp.

Smith, L. W. 1931. Ruffed Grouse no. 332139 of the Stone Bird Sanctuary. Bird Banding 2:74-78.

Smyth, T. 1923. A study of the food and feeding habits of the Ruffed Grouse. A.M. Thesis. Cornell University. 107pp.

Smyth, T. 1925. Studies in the life history of the Ruffed Grouse. Ph. D. Dissertation. Cornell University.

Smyth, T. 1936. Food determination of the Ruffed Grouse by analysis of excrement. Proceedings of the Pennsylvania Acadamy of Science. 10:15-18.

Snoeyenbos, G. H. 1966. Tuberculosis in a Ruffed Grouse. Bulletin of the Wildlife Disease Association 2:9.

Snively, M. 2004. A comparative study of cadmium and copper in Ruffed Grouse (*Bonasa umbellus*) from the Keweenaw Peninsula and Northern Wisconsin. M. Sc. Thesis. Michigan Tech. University.

Snively, M., amd D. J. Flaspohler. 2006. A comparative study of cadmium and copper in Ruffed Grouse (*Bonasa umbellus*) in regions with and without historic mining. Ecotoxicology and Environmental Safety 65:165-170.

Snyder, L. L., and T. M. Shortt. 1946. Variation in *Bonasa umbellus*, with particular reference to the species in Canada east of the Rockies. Contributions of the Royal Ontario Museum of Zoology and Palaeolontology. No. 27.

Snyder, L.L. and T. M. Shortt. 1960. The drumming of the Ruffed Grouse. Canadian Field-Naturalist 74:164.

Snyder, R. A. 1973. Drumming sites and early winter food of the Ruffed Grouse. M. Sc. Thesis. West Virginia University.

Sopuck, R. D. 2007. Hunting Ruffed Grouse in the Manitoba heartlands. Grouse Partnership News 8:30-31.

Sousa, P. J. 1978. Characteristics of drumming habitat of Ruffed Grouse (*Bonasa umbellus*) in Grafton, Vermont. M. Sc. Thesis. University of Vermont.

Spaulding, W. M. 1958. A survey of parasites of the Ruffed Grouse (*Bonasa umbellus*) in Ottawa National Forest. M. W. M. Thesis. University of Michigan.

Spilman, T. J. 1987. The prevalence of *Icosta americana* (Diptera: Hippoboscidae) on Ruffed Grouse (*Bonasa umbellus*) in Wisconsin. Proceedings of the Entomological Society of Washington. 89:367-368.

Stafford, S. K. 1975. Fall and winter foods of Ruffed Grouse in eastern Tennessee and western North Carolina. M. Sc. Thesis. University of Tennessee, Knoxville.

Stafford, S. K., and R. W. Dimmick. 1979. Autumn and winter foods of Ruffed Grouse in the southern Appalachians. Journal of Wildlife Management 43:121-127.

Stafseth, H. J., and A. Kotlan. 1925. Report of investigations of an alleged epizootic of Ruffed Grouse in Michigan. Journal of the American Veterinary Medicine Association. 67:260-267.

Stauffer, D. F. 1983. Seasonal habitat relationships of Ruffed and Blue Grouse in southeastern Idaho. Ph. D. Dissertation. University of Idaho.

Stauffer, D. F. 2010. Ecology of the Appalachian Ruffed Grouse. Hancock House, Surrey, British Columbia.

Stauffer, D. F., and S. R. Peterson. 1985. Ruffed and Blue Grouse habitat use in southeastern Idaho. Journal of Wildlife Management 49:459-466.

Stauffer, D. F., and S. R. Peterson. 1985. Seasonal micro-habitat relationships of Ruffed Grouse in south eastern Idaho. Journal of Wildlife Management 49:605-610.

Steen, N. C. 1997. Kenai Peninsula Ruffed Grouse transplant 1995-1997. Final Report.

Steiner, H., A. Schmalzer, and N. Puehringer. 2005. Schutz fuer Raufusshuehner - aber wie? [Conservation of grouse - but how?] Vogelkundliche Nachrichten aus Oberoesterreich Naturschutz Aktuell 13:1-32. (in German with English summary)

Steiner, H., A. Schmalzer, and N. Puehringer. 2007. Limiterende Faktoren fuer Auerhuhn (*Tetrao urogallus*), Birkhuhn (*Tetrao tetrix*) und Haselhuhn (*Bonasa bonasia*) nach Untersuchungen im Nationalpark Kalkalpen. [Capercaillie (*Tetrao urogallus*), Black Grouse (*Tetrao tetrix*), and Hazel Grouse (*Bonasa bonasia*) in 'Kalkalpen' national park: populations, habitats and management. Denisia 21, 15 November 2007:1-148. (in German with English summary).

Steinke, T. J. 1975. Ruffed Grouse habitat management through dynamic linear programming. M. Sc. Thesis. University of Massachusetts.

Stenman, O., and M. Helminen. 1974. [Aging method for Hazel Grouse (*Tetrastes bonasia*) based on wings.] Suomen Riista 25:90-96. (in Finnish with English

summary).

Stewart, R. E. 1956. Ecological study of Ruffed Grouse broods in Virginia. Auk 73:33-41.

Stoddard, A. M. 1918. Ruffed Grouse in New York State: A summary of an investigation made by the New York State Conservation Commission into the causes for their decrease. J. B. Lyon Co. 14pp.

Stoll, R. J. Jr. 1980. Indices to Ruffed Grouse *Bonasa umbellus* hunting success in Ohio, USA. Wildlife Society Bulletin 8:24-28.

Stoll, R. J. Jr. 1992. Wild Turkey laying in Ruffed Grouse nests. Ohio Journal of Science 92:70-71.

Stoll, R. J., and W. L. Culbertson. 1995. Ruffed Grouse hunting pressure and harvest on an Ohio public hunting area. Ohio Fish and Wildlife Technical Report. 12. 18pp.

Stoll, R. J., W. L. Culbertson, M. W. McClain, R. W. Donohoe, and G. Honchul. 1999. Effects of clearcutting on Ruffed Grouse in Ohio's oak-hickory forest. Ohio Fish and Game Report 0 (14): 1-27.

Stoll, R. J., and J. A. Davis. 1974. A longevity record for the Appalachian Ruffed Grouse. Bird-Banding 45:270-271.

Stoll, R. J. Jr., and M. W. McClain. 1986. Distribution and relative abundance of Ruffed Grouse in Ohio. Ohio Journal of Science 86:182-185.

Stoll, R. J. Jr., and M. W. McClain. 1988. Body weights of Ohio ruffed grouse (*Bonasa umbellus*). Ohio Journal of Science 88:126-131.

Stoll, R. J. Jr., M. W. McClain, R. L. Boston, and G. P. Honchul. 1979. Ruffed Grouse drumming site characteristics in Ohio. Journal of Wildlife Management 43:324-333.

Stollberg, B. P., and R. L. Hine. 1952. Food habit studies of Ruffed Grouse, pheasant, quail and mink in Wisconsin. Wisconsin Conservation Department Technical Wildlife Bulletin No. 4. 22pp.

Storm, G. L., W. L. Palmer, and D. R. Diefenbach. 2003. Ruffed Grouse response to management of mixed oak and aspen communities in Central Pennsylvania. Pennsylvania Game Commission Grouse Research Bulletin No. 1. 45pp.

Stott, R. S. 1970. A Ruffed Grouse with an abnormal bill. Auk 87:172-173.

Stott, R. S., and R. B. Brander. 1969. Survival of Ruffed Grouse eggs after 24-hour

abandonment. Auk 86:357.

Stou, R. J. Jr. 1992. Wild Turkey egg laying in Ruffed Grouse nests. Ohio Journal of Science 92:70-71.

Stout, R. J. 1986. Evaluation in Michigan middle schools of a science education curriculum based on Ruffed Grouse management. M. Sc. Thesis, Michigan State University.

Studholme, A. T. 19XX. Ruffed grouse ("*Bonasa umbellus umbellus*") environment in the scrub oak-pitch pine forest type. M. Sc. Thesis. Pennsylvania State University. 63pp.

Suchant, R. 1991. Habitat-management for Capercaillie (*Tetrao urogallus*) and Hazel Grouse (*Bonasa bonasia*) in the Black Forest. Proceedings of the 20th. Congress of the International Union of Game Biologists. Pp. 506-514

Suchant, R. 1992. [Habitat structure mapping for Capercaillie and Hazel Grouse in the central Black Forest]. Allgemeine Forst Zeitschrift fuer Waldwirtschaft und Umweltvorsorge 47:32-34. (in German).

Suchant, R. 1993. [Help for the Hazel Hen.] Allgemeine Forst Zeitschrift fuer Waldwirtschaft und Umweltvorsorge 48(11):531-535. (in German).

Sun, Y-H. 1995. Studies of grouse in China. Proceedings of the 6th. International Grouse Symposium Pp.34-35.

Sun, Y-H. 1996. Winter ecological studies of Chinese Grouse *Bonasa sewerzowi*. Acta Zoologica Sinica 42:96-100.

Sun, Y-H. 1997. Winter flocking behaviour of Chinese Grouse *Bonasa sewerzowi*. Wildlife Biology 3:290. Abstract only.

Sun, Y.H. 2000. Distribution and status of the Chinese Grouse *Bonasa sewerzowi*. Wildlife Biology 6:271-275.

Sun, Y.-H. 2000. Conservation biological study on the Chinese Grouse *Bonasa sewerzowi* and other endemic birds in southern Gansu, China. Grouse News 19:17-18.

Sun, Y-H., and Y. Fang. 1997. Notes on the natural history and behaviour of the Chinese Grouse *Bonasa sewerzowi*. Wildlife Biology 3:265-268.

Sun, Y.-H., and Y. Fang. 1997. Chines Grouse at Lianhuashan: progress report from a project supported by the GSG. Grouse News 14:13-15.

Sun, Y.-H., and Y. Fang. 1998. Spring Home Range and Social Behavior of Hazel

Grouse at Changbai Mountain. Journal of Forestry Research 9:199-202.

Sun, Y.-H., Y. Fang, C.-X. Jia, S. Klaus, J. E. Swenson, and W. Scherzinger. 2007. Nest site selection of Chinese Grouse *Bonasa sewerzowi* at Lianhuashan, Gansu, China. Wildlife Biology 13 (Suppl. 1):68-72.

Sun, Y. -H., Y. Fang, C. Jia, X. Liu, S. Klaus, and W. Scherzinger. 2000. Preliminary study on the habitat isolation and fragmentation of the Chinese Grouse at landscape scale. Chinese Ornithological Research: 128-134, China Forestry Publishing House, Beijing.

Sun, Y.-H., Y. Fang, C. X. Jia, L. Wang, S. Klaus, and W. Scherzinger. 1999. A preliminary study of the effects of habitat isolation and fragmentation on the Chinese Grouse at Lianhuashan Mountains. World Pheasant Association Annual Review 98-99:42-48.

Sun, Y.-A., Y. Fang, S. Klaus, and C. X. Jia. 2006. Incubation rhythm of the Chinese grouse at Lianhuashan in Gansu province, China. Journal of Ornithology 147(5):259, Suppl. 1. (Abstract only).

Sun, Y.-H., Y. Fang, J. E. Swenson, S. Klaus, and G.-M. Zheng. 2005. Morphometrics of the Chinese Grouse *Bonasa sewerzowi*.. Journal of Ornithology 146:24-26.

Sun, Y.-H., S. Klaus, Y. Fang, P. Selsam, and C.-X. Jia. 2006. Habitat isolation and fragmentation of the Chinese Grouse (*Bonasa sewerzowi*) at Lianhuashan Mountains, Gansu, China. Acta Zoologica Sinica 52(suppl.):202-204.

Sun, Y. H., S. Klaus, and W. Scherzinger. 2001. Size of territories and movements of Chinese Grouse (*Bonasa sewerzowi*) at Lianhuashan, Gansu, China. 134. Jahresversammlung der Deutschen Ornithologen- Gesellschaft in Schwyz, Switzerland. Page 121.

Sun, Y.-H., Z.-J. Piao, and J. E. Swenson. 2003. Occurrence of Hazel Grouse *Bonasa bonasia* in a heavily human-impacted landscape near the Changbai Mountains, northeastern China. Wildlife Biology 9:371-375.

Sun, Y.-H., J. E. Swenson, and Y. Fang. 2000. Home range and social behaviour of Hazel Grouse during the spring in the Changbai Mountains, northeastern China. Game and Wildlife Science 17:189-198.

Sun, Y.-H., J. E. Swenson, Y. Fang, S. Klaus, and W. Scherzinger. 2003. Population ecology of the Chinese Grouse, *Bonasa sewerzowi*, in a fragmented landscape. Biological Conservation 110:177-184.

Sun, Y.-H., and X.-L. Zhang. 1995. Ecological studies of Hazel Grouse at Changbai Mountains using radio-telemetry. Proceedings of the 6th. International Grouse

Symposium. Pp. 137-140.

Sutton, G. M. 1925. Ruffed Grouse captured by a Screech Owl. Wilson Bulletin 37:171.

Sutton, G. M. 1925. The present status of the Ruffed Grouse in Pennsyvania. American Midland Naturalist 9:373-378.

Sutton, G. M. 1926. Long-eared Owl capturing Ruffed Grouse. Auk 43:236-237.

Svoboda, F. J. 1972. Instructions for site selection, plot establishment and catkin production measurements of preferred Ruffed Grouse winter foods. University of Minnesota Forestry Center, Cloquet. Miscellaneous Note 9pp.

Svoboda, F. J., and G. W. Gullion. 1972. Preferential use of aspen by Ruffed Grouse in northern Minnesota. Journal of Wildlife Management 36:1166-1180.

Svoboda, F. J., and G. W. Gullion. 1974. Techniques for monitoring Ruffed Grouse food resources. Wildlife Society Bulletin 2:195-197.

Swanson, D. W., and W. L. Culbertson. 2002. Distribution and relative abundance of Ruffed Grouse (*Bonasa umbellus*) in Ohio in 1998. Ohio Journal of Science 102:8-10.

Sweet, J. C. 1950. An evaluation of the deer and grouse management practices on the Jefferson National Forest, Virginia. M. Sc. Thesis. Virginia Polytechnic Institute. 188pp.

Swenson, J. E. 1991. Social organization of Hazel Grouse and ecological factors influencing it. Ph. D. Dissertation. University of Alberta.

Swenson, J. E. 1991. Evaluation of a density index for territorial male Hazel Grouse *Bonasa bonasia* in spring and autumn. Ornis Fennica 68:57-65.

Swenson, J. E. 1991. Is the Hazel Grouse a poor disperser? Transactions of the Congress of the International Union of Game Biologists 20:347-352.

Swenson, J. E. 1992. Relative Altersbestimmung bei adulten Haselhühnern (*Bonasa bonasia*). [Determination of the relative age of adult Hazel Grouse (*Bonasa bonasia*)]. Journal of Ornithology 133:209-212. (In German with English summary).

Swenson, J. E. 1993. Hazel Grouse (*Bonasa bonasia*) pairs during the nonbreeding season: mutual benefits of a cooperative alliance. Behavorial Ecology 4:14-21.

Swenson, J. E. 1993. The importance of alder to Hazel Grouse in Fennoscandian boreal

forest: evidence from four levels of scale. Ecography 16:37-46.

Swenson, J. E. 1994. Effects of weather on Hazel Grouse reproduction: an allometric perspective. Journal of Avian Biology 25:8-14.

Swenson, J. E. 1994. The central role of winter food (alder) in the life of Hazel Grouse. (abstract only). Journal of Ornithology 135:263.

Swenson, J. E. 1995. Habitat requirements of Hazel Grouse. Proceedings of the 6th. International Grouse Symposioum Pp.155-162.

Swenson, J. E., and P. Angelstam. 1993. Habitat separation by sympatric forest grouse in Fennoscandia in relation to boreal forest succession. Canadian Journal of Zoology 71:1303-1310.

Swenson, J. E., A. V. Andreev, and S. V. Drovetskii. 1995. Factors shaping winter social organization in Hazel Grouse *Bonasa bonasia*: a comparative study in the eastern and western Palearctic. Journal of Avian Biology 26:4-12.

Swenson, J. E., and D. A. Boag. 1993. Are Hazel Grouse *Bonasa bonasia* monogamous? Ibis 135:463-467.

Swenson, J. E., and S. M. Brainard. 1998. The influence of harvest technique on the sex ratio in Hazel Grouse (*Bonasa bonasia*) bags. Gibier Faune Sauvage 15:247-257.

Swenson, J. E., and J. Danielson. 1991. Status and conservation of Hazel Grouse in Europe. Ornis Scandinavia 22:297-298.

Swenson, J. E., and J. Danielson. 1995. Seasonal movements by Hazel Grouse in south-central Sweden. Proceedings of the 6th. International Grouse Symposium. Pp. 37-40.

Swenson, J. E., and Y. Fujimaki. 1994. Hazel Grouse *Bonasa bonasia* group sizes and sex ratios in Japan and Sweden. Ornis Fennica 71:43-46.

Swenson, J. E., and B. Olsson. 1991. Hazel Grouse night roost site preferences when snow-roosting is not possible in winter. Ornis Scandinavia 22:284-286.

Swenson, J. E., L. Saari, and Z. Bonczar. 1994. Effects of weather on Hazel Grouse reproduction: an allometric perspective. Journal of Avian Biology 25:8-14.

Swenson, J. E., Y.-H. Sun, and N. Liu. 1996. A potential method for age determination of the Chinese Grouse *Bonasa sewerzowi*. Journal of Ornithology 137:255-258.

Taft, S. J. 1981. Prevalence of *Tanasia zarudny*i (trematoda, eucotylidae) from Ruffed Grouse (*Bonasa umbellus*) in 2 Wisconsin counties. Proceedings of the

Helminthological Society of Washington 48:245-246.

Taft, S. J., and S. Marcquenski. 1987. The prevalence of *Icosta americana* (Diptera: Hippoboscidae) on Ruffed Grouse (*Bonasa umbellus*) in Wisconsin. Proceedings of the Entomological Society of Washington 89:367-368.

Talmadge, R. R. 1957. Nesting of the Ruffed Grouse in California. Condor 59:67-68.

Tanner, W. D. 1948. A population study of the Ruffed Grouse (*Bonasa umbellus monticola*) in Pennsylvania at the low of the cycle. M. Sc. Thesis. Pennsylvania State University, State College.

Tanner, W. D., and G. L. Bowers. 1948. A method for trapping male Ruffed Grouse. Journal of Wildlife Management 12:330-331.

Taverner, P. A. 1940. The Ruffed Grouse and island populations. Canadian Field-Naturalist 54:90.

Taylor, D. A. 1976. An analysis of some physical characteristics of Ruffed Grouse (*Bonasa umbellus*) drumming sites and logs in Middle and Eastern Tennessee. Tennessee Wildlife Resources Agency Technical Report.

Taylor, D. A. 1976. An analysis of some physical characteristics of Ruffed Grouse drumming sites and logs in middle and eastern Tennessee. M. Sc. Thesis. University of Tennessee., Knoxville.

Tefft, B. C. 1999. Population dynamics of the Ruffed Grouse in Rhode Island. Job performance report of Rhode Island Federal Aid in Wildlife Restoration, Grant W-23-R, Job 1-12. Rhode Island Department of Environmental Management, Division of Fish and Wildlife.

Tester, J. R. 1987. Changes in daily activity rhythms of some free-ranging animals in Minnesota. Canadian Field-Naturalist 101:13-21.

Theberge, J. B., and D. A. Gauthier. 1982. Factors influencing densities of territorial male Ruffed Grouse, Algonquin Park, Ontario. Journal of Wildlife Management 46:263-268.

Therres, G. D. 1982. Ruffed Grouse populations and relative predator abundance on a grouse management area in central Pennsylvania. M. Sc. Thesis. Pennsylvania State University. 60pp.

Thomas, V. G. 1985. Myoglobin levels and mATPase activity in pectoral muscles of Spruce and Ruffed grouse (Aves: Tetraoninae). Comparative Biochemistry and Physiology A 81:181-184.

Thomas, V. G. 1987. Similar winter energy strategies of grouse, hares and rabbits in northern biomes. Oikos 50:206-212.

Thomas, V. G., H. G. Lumsden, and D. H. Price. 1975. Aspects of winter metabolism of Ruffed Grouse (*Bonasa umbellus*) with special reference to energy reserves. Canadian Journal of Zoology 53:434-440.

Thompson, D. R., and J. C. Moulton. 1981. An evaluation of Wisconsin Ruffed Grouse surveys. Wisconsin Department of Natural Resources Technical Bulletin No. 123. 13pp.

Thompson, F. R. 1987. The ecology of the Ruffed Grouse in central Missouri. Ph. D. Dissertation. University of Missouri – Columbia.

Thompson, F. R. III., and D. R. Dessecker. 1997. Management of early-successional communities in central hardwoodforests with special emphasis on oaks, Ruffed Grouse, and forest songbirds. USDA Forest Service General Technical Report NC-195.

Thompson, F. R. III., D. A. Freieling, and E. K. Fritzell. 1987. Drumming, nesting, and brood habitats of Ruffed Grouse in an oak-hickory forest. Journal of Wildlife Management 51:568-575.

Thompson, F. R. III, and E. K. Fritzell. 1986. Fall foods and nutrition of Ruffed Grouse in Missouri. Transactions of the Missouri Academy of Science 20:45-48.

Thompson, F. R. III, and E. K. Fritzell. 1988. Ruffed Grouse metabolic rate and temperature cycles. Journal of Wildlife Management 52:450-453.

Thompson, F. R. III, and E. K. Fritzell. 1988. Ruffed Grouse winter roost site preference and influence on energy demands. Journal of Wildlife Management 52:454-460.

Thompson, F. R. III, and E. K. Fritzell. 1989. Habitat use, home range, and survival of territorial male Ruffed Grouse. Journal of Wildlife Management 53:15-21.

Thompson, F. R. III, and E. K. Fritzell. 1989. Habitat differences between perennial and transient drumming sites of Ruffed Grouse. Journal of Wildlife Management 53:820-823.

Thurman, J. R. 1966. Ruffed Grouse ecology in southeastern Monroe County, Indiana. M. Sc. Thesis. Purdue University.

Tirpak, J. M. 2000. Influence of microhabitat structure on nest success and brood survival of Ruffed Grouse in the central and southern Appalachians. M. Sc. Thesis, California University of Pennsylvania, California, PA.

Tirpak, J. M. 2005. Modelling Ruffed Grouse populations in the central and southern Appalachians. Ph. D. Dissertation, Fordham University, New York.

Tirpak, J. M., and B. Giuliano. 2004. Nesting and reproductive output: influence of nest site selection on Ruffed Grouse nest success in the Appalachians. Pp. 25-26 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. ACGRP Final Report.

Tirpak, J. M., and B. Giuliano. 2010. Using multitemporal satellite imagery to characterize forest wildlife habitat: The case of Ruffed Grouse. Forest Ecology and Management 260:1539-1547.

Tirpak, J. M., W. M. Giuliano, T. J. Allen, S. Bittner, J. W. Edwards, S. Friedhof, C. A. Harper, W. K. Igo, D. F. Stauffer, and G. W. Morgan. 2010. Ruffed Grouse habitat preference in the central and southern Appalachians. Forest Ecology and Management 260:1525-1538.

Tirpak, J. M., W. M. Giuliano, and C. A. Miller. 2005. Nocturnal roost habitat selection by Ruffed Grouse broods. Journal of Field Ornithology 76:168-174.

Tirpak, J. M., W. M. Giuliano, and C. A. Miller. 2008. Ruffed Grouse brood habitat selection at multiple scales in Pennsylvania: implications for survival. Canadian Journal of Zoology 86:329-337.

Tirpak, J. M., W. M. Giuliano, C. A. Miller, T. J. Allen, S. Bittner, D. A. Buehler, J. W. Edwards, C. A. Harper, W. K. Igo, G. W. Norman, M. Seamster, and D. F. Stauffer. 2006. Ruffed Grouse population dynamics in the central and southern Appalachians. Biological Conservation 133:364-378.

Tirpak, J. M., W. M. Giuliano, C. A. Miller, T. J. Allen, S. Bittner, J. W. Edwards, S. Friedhof, W. K. Igo, D. F. Stauffer, and G. W. Norman. 2006. Ruffed Grouse nest success and habitat selection in the central and southern Appalachians. Journal of Wildlife Management 70:138-144.

Tirskii, D. I. 2003. [Tetraonids of the Olekminsky Nature Reserve southeastern Yakutia, Russia.] Ornitologiya 30:44-50. (in Russian with English summary).

Titus, K., and J. A. Mosher. 1980. Turkey Vulture predation of Ruffed Grouse chick. Canadian Field-Naturalist 94:327-328.

Titus, R. R. 1976. Habitat utilization by Ruffed Grouse in the Missouri Ozarks. M. Sc. Thesis. University of Missouri, Columbia.

Todd, K. S., D. L. Lepp, and B. W. Ogara. 1970. Redescription of *Eimeria angusta* Allen, 1934 and *Eimeria bonasae* Allen, 1934 (protozoa – eimeriidae) from Ruffed Grouse *Bonasa umbellus*. Journal of Protozoology 17:427-???.

Todd, W. E. C. 1940. Eastern races of the Ruffed Grouse. Auk 57:390-397.

Todd, W. E. C. 1947. A new name for *Bonasa umbellus canescans* Todd. Auk 64:326.

Tornberg, R. 2001. Pattern of Goshawk *Accipiter gentiles* predation on four forest grouse species in northern Finland. Wildlife Biology 7:245-256.

Tornberg, R. 2001. Goshawk predation and long and short-term population changes in grouse. Linnut 36:6-10.

Tornberg, R. 2005. The response of the Goshawk *Accipiter gentilis* to changing grouse Tetraonidae sp. populations. Pp. 160-167 In: Status of raptor populations in eastern Fennoscandia. Proceedings of the workshop, Kostomuksha, Karelia, Russia, Nov. 8-10, 2005.

Tornberg, R., E. Korpimaki, S. Jungell, and V. Reif. 2005. Delayed numerical response of Goshawks to population fluctuations of forest grouse. Oikos 111:408-415.

Torrey, R. M., and M. G. Knight. 1919. A self-tamed Ruffed Grouse. Auk 36:279-281.

Torsson, T. 1982. [Hazel-grouse (*Bonasa bonasia*) - a common game-bird now in northern Blekinge?] Faglar i Blekinge 1981(18):181-183.

Towers, I. L. 1934. Feather structure of the Ruffed Grouse. Auk 51:516-517.

Townsend, C. H. 1886. Four rare birds in northern California: Yellow Rail, Emperor Goose, European Widgeon, and Sabine's Ruffed Grouse. Auk 3:491-492.

Townsend, C. W. 1912. The case of a Crow and a Ruffed Grouse. Auk 29:542.

Trainer, J. E. 1938. The pterylography of the Ruffed Grouse. M. Sc. Thesis. Cornell University.

Treichler, R., R. W. Stow, and A. L. Nelson. 1946. Nutrient content of some winter foods of Ruffed Grouse. Journal of Wildlife Management 10:12-17.

Triquet, A. M. 1989. Mortality and habitat use of Ruffed Grouse on the Cumberland Plateau, Kentucky. Ph. D. Dissertation, University of Kentucky, Lexington.

Triquet, A. M., W. C. McComb, and J. D. Sole. 1988. Ruffed Grouse drumming sites in eastern Kentucky. Kentucky Warbler 64(4):54-60.

Tubbs, F. F. 1940. Ruffed Grouse have their "ups and downs." Michigan Conservationist Oct. 1940. 9(12):2-10.

Tufts, R. W. 1940. Ruffed Grouse on Grand Manan Island. Canadian Field Naturalist 54:89.

Tufts, R. W. 1975. Intergenetic grouse hybrids (*Bonasa* x *Canachites*). Canadian Field-Naturalist 89:72.

Tuovila, V. R., S. B. Chadwick, and C. A. Steward. 2003. Ruffed Grouse and American Woodcock status in Michigan, 2003. Michigan Department of Natural Resources, Federal Aid in Wildlife Restoration, Project W-127-R.

Tuovila, V. R., S. B. Chadwick, and C. A. Stewart. 2004. Ruffed Grouse and American Woodcock. Status in Michigan 2003. Grouse News 27:16-19.

Tuttle, H. E. 1919. Some notes on the drumming of the Ruffed Grouse. Auk 36:325-339.

Tybie, R. A. 1975. Raising Ruffed Grouse. Game Bird Breeders Gazette 24(12):6-9.

Tyzzer, E. E. 1930. Flagellates from the Ruffed Grouse. American Journal of Hygiene. 11:50-72.

Uhlig, H. G. 1953. Weights of Ruffed Grouse in West Virginia. Journal of Wildlife Management 17:391-392.

Urbain, J. W. 1994. Review of the 1993 grouse and woodcock season with prospects for 1994. Michigan Department of Natural Resources, Wildlife Division Report no. 3214. 10pp.

Urbain, J. W. 1995. The 1995 Ruffed Grouse drumming survey. Michigan Department of Natural Resources, Wildlife Division Report no. 3230.

Urbain, J. W., and M. G. DuPuis. 1992. Ruffed Grouse drumming surveys in Michigan. Michigan Department of Natural Resources, Wildlife Division Report no. 3168. 7pp.

Uttal, L. J. 1941. Tarsal feathering of Ruffed Grouse. Auk 58:74-79.

Uttal, L. J. 1943. Two oddly-plumaged Ruffed Grouse. Auk 60:266-267.

Vadas, D. C. 1984. Ruffed Grouse brood ecology in Somerset County, Pennsylvania. M. Sc. Thesis. Pennsylvania State University. 67 pp.

Valentinitsch, F. 1892. Das Haselhuhn (*Tetrao bonasia*) dessen Naturgeschichte und Jagd: eine ornithologische und jagdliche Monographie. [The Hazel Grouse (*Tetrao bonasia*) its natural history and hunting: an ornithological monograph.]

Wien: Künast. 288pp. (in German).

Vanderschaegen, P. V. 1970. Food habits of Ruffed Grouse at the Cloquet Forest Research Center, Minnesota. M. Sc. Thesis. University of Minnesota, St. Paul.

Vanderschaegen, P. V. 1972. A partial list of the parasites of the Ruffed Grouse. Passenger Pigeon 34:70-73.

Vanderschaegen, P. V., and E. M. Kohlmeyer. 1973. Unusual white Ruffed Grouse. Passenger Pigeon 35:44.

Vanderschaegen, P. V., and J. C. Moulton. 1975. Winter food habits of Ruffed Grouse in young aspen stands. Passenger Pigeon 37:47-48.

Varga, Z. 1991. Hazel Grouse (*Tetrastes bonasia* L. 1758.) Population of the Aggtelek National Park. Aquila 98:57-72.

Vezina, B. 1975. Ecologie de la gélinotte huppée (*Bonasa umbellus*) au Québec. [Ecology of the Ruffed Grouse (*Bonasa umbellus*) in Quebec.] M. Sc. Thesis. University of Laval. 172pp. (in French).

Vezina, B. P. 1977. Autumnal feeding of the Ruffed Grouse *Bonasa umbellus* in Quebec, Canada. Naturaliste Canadien 104:229-234.

Vispo, C. R. 1995. Winter nutritional ecology of Ruffed Grouse (*Bonasa umbellus*) and aspects of digestive fermentation in this species and two other northern herbivores. Ph. D. Dissertation. University of Wisconsin, Madison.

Vispo, C., C. Guglielmo, D. Lauten, C. Balzer, W. Kajubas, W. Karasov, and D. Rusch. 1994. The role of nutrition in the winter demographics of Ruffed Grouse. (Abstract only). Journal of Ornithology 135:267-268.

Vogel, H. H. 1945. Food of Ruffed Grouse in southern Michigan. Auk 62:453-454.

Vollmar, B. F. 1952. History of the Ruffed Grouse, *Bonasa umbellus* in Michigan. M. S. Thesis. University of Michigan. 84pp.

Vrezec, A. 2003. Gozdni jereb *Bonasa bonasia*. [Hazel Grouse *Bonasa bonasia*.] Acrocephalus 24(119):124. (in Slovenian with English summary).

Walls, D. T. 1964. The wild turkey and ruffed grouse in Cameron County, Pennsylvania: winter turkey populations and spring seeps, turkey gobbling, and turkey and grouse brood ranges. M. Sc. Thesis. Pennsylvania State University. 104pp.

Walrod, D. 1985. Grouse Hunter's Guide: Solid facts, insights, and observations on how

to hunt the Ruffed Grouse. Stackpole Books, Mechanicsburg, PA 17055. 192pp.

Wang, T., H. Feng, and X. Wen. 1992. [Morphological observations of blood cells in Pheasant (*Phasianus colchicus rarpowi*) and Hazel Grouse (*Tetrastes bonasia amurensis*).] Bulletin of Veterinary College of PLA 12(4):390-392.

Wang, W., G. Ren, Y. He, and J. Zhu. 2008. Habitat degradation and conservation status assessment of gallinaceous birds in the Trans-Himalayas, China. Journal of Wildlife Management 72:1335-1341.

Wang, X., N. Liu, Y. Chen, Y. Yang, and M. Xu. 1987. [Ecological studies of the Chinese Hazel Grouse (*Tetrastes s. sewerzowi*).] Acta Zoologica Sinica 33:73-91. (in Chinese with English summary).

Webber, B. L. 1987. The nutritional quality of aspen as a winter and spring food for Ruffed Grouse in northern Michigan. M. Sc. Thesis. Michigan State University.

Weber, J. A. 1906. Contents of the crop and gizzard of a young Ruffed Grouse *(Bonasa umbellus*). Auk 23:459-460.

Wedgwood, J. A. 1989. Two Ruffed Grouse encounters. Blue Jay 47:102-104.

Weeden, R. B. 1979. Relative heart size in Alaskan Tetraonidae. Auk 96:306-318.

Wehr, E. E. 1940. A new intestinal roundworm from the Ruffed Grouse (*Bonasa mbellus*) in the United States. Journal of Parasitology 26:373-376.

Wei, G., and X. Gui-guan. 1993. Notes on Black-billed Capercaillie, Black Grouse and Hazel Grouse in north east China. Grouse News 6:4-6.

Weigel, R. D. 1963. Ruffed Grouse from the Pleistocene of Saskatchewan. Wilson Bulletin 75:206.

Weiss, H. 1998. A grouse ‘model-area’ in the Northern Black Forest. Grouse News 16:11-17.

Wells, J. V, 1992. Feasibility and usefulness of reanalysis of an historic Ruffed Grouse (*Bonasa umbellus*) database. M. Sc. Thesis, Cornell University.

Wenstrom, W. P., P. V. Vanderschaegen, and G. W. Gullion. 1972. Ruffed Grouse primary molt chronology. Auk 89:671-673.

Wentworth, E. J. 1986. Experimental relocation of Ruffed Grouse to the Georgia Piedmont. M. Sc. Thesis. University of Georgia.

Wentworth, E.J., P.E. Hale, and A.S. Johnson. 1986. Experimental relocation of Ruffed Grouse to the Georgia Piedmont. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 40:373-381.

Wenzel, D. K. 1956. A comparative study of Ruffed Grouse, *Bonasa umbellus*, L. in Washtenaw County Michigan. M. W. M. Thesis. University of Michigan.

Werner, J. W. 1958. Ruffed Grouse, *Bonasa umbellus umbellus* (Linne), studies in Central Massachusetts. M. Sc. Thesis. University of Massachusetts.

Wetmore, A. 1927. A record of the Ruffed Grouse from the Pleistocene of Maryland. Auk 44:561.

Whitaker, D. M. 2003. Ruffed grouse (*Bonasa umbellus*) habitat ecology in the central and southern Appalachians. Ph. D. Dissertation. Virginia Tech. University.

Whitaker, D. 2004. Dissertaion synopsis – Ruffed Grouse *Bonasa umbellus* habitat ecology in the central and southern Appalachian Mountains. Grouse News 27:14-16.

Whitaker, D. M., T. Fearer, S. Haulton, and D. F. Stauffer. 2004. Habitat use: Ruffed Grouse habitat selection and home range size in the Appalachian region. Pp. 39-44 *in*: Norman et al. Ruffed Grouse ecology and management in the Appalachian region. Appalachian Cooperative Grouse Research Project Final Report.

Whitaker, D. M., and D. F. Stauffer. 2003. Night roost selection during winter by Ruffed Grouse in the central Appalachians. Southeastern Naturalist 2:377-392

Whitaker, D. M., D. F. Stauffer, G. W. Norman, and W. B. Chandler. 2004. Effect of prescribed burning of clearcuts on Ruffed Grouse brood habitat. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 58:312-322.

Whitaker, D. M., D. F. Stauffer, G. W. Norman, P. K. Devers, A. J. Allen, S. Bittner, D. Buehler, J. Edwards, S. Friedhoff, W. M. Giuliano, C. A. Harper, and B. Tefft. 2006. Factors affecting habitat use by Appalachian Ruffed Grouse. Journal of Wildlife Management 70:460-471.

Whitaker, D. M., D. F. Stauffer, G. W. Norman, P. K. Devers, J. Edwards, W. M. Giuliano, C. Harper, W. Igo, J. Sole, H. Spiker, and B. Tefft. 2007. Factors associated with variation in home-range size of Appalachian Ruffed Grouse (*Bonasa umbellus*). Auk 124:1407-1424.

White, D. W. 1978. Evaluation of a Ruffed Grouse restoration attempt in western Tennessee. M. Sc. Thesis. University of Tennessee, Knoxville.

White, D.W., and R.W. Dimmick. 1978. Survival and habitat use of Northern Ruffed Grouse introduced into west Tennessee. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 32:1-7.

White, D. W., and G. F. Dimmick. 1979. The distribution of Ruffed Grouse *Bonasa umbellus* in Tennessee USA. Journal of the Tennessee Academy of Science 54:114-115.

Widner, M. R. 1987. Dispersal, reproduction, habitat use, and food habits of introduced Ruffed Grouse (*Bonasa umbellus*) in northern Arkansas. M. Sc. Thesis. University of Arkansas, Fayetteville.

Widner, M. R. 1991. Summary of Ruffed Grouse trapping/restoration efforts during 1990. Arkansas Game and Fish Commission, Wildlife Management Division. 3pp.

Widner, M. R., D. A. James, and K. G. Smith. 1988. Reproduction, dispersal, and survivorship of Ruffed Grouse reintroduced into Arkansas. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 42:349-357.

Wiesner, J., H. H. Bergmann, S. Klaus, and F. Muller. 1977. Siedlungsdichte und Habitatstruktur des Haselhuhns (*Bonasa bonasia*) im Waldgebiet von Bialowieza (Polen). [Population density and habitat structure of the Hazel Hen (*Bonasa bonasia*) in the woodlands of Bialowieza (Poland).] Journal of Ornithology 118:1-20. (in German with English summary).

Wiggers, E. P., M. K. Laubhan, and D. A. Hamilton. 1991. Forest structure associated with Ruffed Grouse abundance. Missouri Department of Conservation. 14pp.

Wiggers, E. P., M. K. Laubhan, and D. A. Hamilton. 1992. Forest structure associated with Ruffed Grouse abundance. Forest Ecology and Management 49:211-218.

Wiggins, D. A. 2006. Ruffed Grouse (*Bonasa umbellus*): a technical conservation assessment. USDA Forest Service, Rocky Mountain Region. 36pp.

Williams, C. K., A. R. Ives, R. D. Applegate, and J. Ripa. 2004. The collapse of cycles in the dynamics of North American grouse populations. Ecology Letters 7:1135-1142.

Williams, S. A. 1986. The application of a geographic information system for Ruffed Grouse habitat analysis. Ph. D. Dissertation. Pennsilvania State University.

Williams, S. A., W. L. Myers, and G. L. Storm. 1983. The application of geographic information system for Ruffed Grouse habitat analysis. Transactions of the Northeast Fish and Wildlife Conference 40:166.

Wilson, H. L. 1948. The effect of topography and land use on Ruffed Grouse in southern Michigan. M. Forestry Thesis University of Michigan. 97pp.

Wiltkowski, J. 1968. Rozmieszczenie i liczebnosc jarzabka *Tetrastes bonasia* (Linnaeus, 1758) (Aves) w poludniowej Polsce w roku 1966. [Distribution and population size of Hazel Grouse *Tetrastes bonasia* (Linnaeus, 1758) in Poland in 1966.] Acta zoologica Cracoviensia 13:265-276.

Wing, L. 1938. Female grouse at drumming log. Wilson Bulletin 50:286-287.

Woehr, J. R. 1974. Winter and spring shelter and food selection by Ruffed Grouse in central New York. M. Sc. Thesis. State University of New York.

Woehr, J. R., and R. E. Chambers. 1975. Winter and spring food preference of Ruffed Grouse in central New York. Transactions of the Northeast Fish and Wildlife Conference 32:95-110.

Wolner, F. 1970. Grouse hunting strategies. The Lyons Press, New York, NY. 192pp.

Wood, J. J. 1976. Ruffed Grouse research. North Dakota Outdoors 39(3):12-14.

Woolf, A., R. Norris, and J. Kube. 1984. Evaluation of Ruffed Grouse reintroductions in southern Illinois. Pages 59-74 IN: Robinson, W. L. (ed.). 1984. Ruffed Grouse Management: State of the Art in the 1980's. Proceedings of Symposium at 45th Midwest Fish and Wildlife Conference, 5-7 December, 1983. Bookcrafters. Chelsea, Michigan.

Xiangting, W., L. Niaifa, C. Yifeng, Y. Youtao, and X. Mingsu. 1987. [Ecological studies of the Chinese Hazel Grouse (*Tetrastes s. sewerzowi*).] Tung Wu Hsueh Pao 33:73-81. (in Chinese).

Yahner, R. H. 1983. Effects of an even-aged management system for grouse habitat on breeding avifauna. Transactions of the Northeast Fish and Wildlife Conference 40:168.

Yahner, R. H. 1984. Effects of habitat patchiness created by a Ruffed Grouse management plan on breeding bird communities. American Midland Naturalist 111:409-413.

Yahner, R. H. 1987. Use of even-aged stands by winter and spring bird communities. Wilson Bulletin 99:218-232.

Yahner, R. H. 1990. Nongame response to Ruffed Grouse habitat management in Pennsylvania. U S Forest Service General Technical Report NC Pages:145-154.

Yahner, R. H. 1993. Effects of long-term forest clear-cutting on wintering and breeding birds. Wilson Bulletin 105:239-255.

Yahner, R. H. 2008. Bird responses to a managed forested landscape. Wilson Journal of Ornithology 120:897-900. (Ruffed Grouse).

Yahner, R. H., C. G. Mahan, and C. A. DeLong. 1993. Dynamics of depredation on artificial ground nests in habitat managed for Ruffed Grouse. Wilson Bulletin 105:172-179.

Yang, B.-R. 1991. On the sex ratio and age compositions of Hazel Grouse population in Changbai Mountains. Acta Zoologica Sinica 37:334-335.

Yang, B.-R. 1993. On food features and nutrient analysis of Hazel Grouse in bud-feeding periods. Acta Zoologica Sinica 39:48-55.

Yang, C., Y. Fang, and Y.-H. Sun. 2011. Winter space use and social behaviors of Chinese Grouse (*Bonasa sewerzowi)* at Lianhuashan mountains, Gansu, China**.** Journal of Ornithology 152:297-305.

Yocom, C. F. 1978. Status of the Oregon Ruffed Grouse in northwestern California USA. California Fish and Game 64(2):124-127.

Yoder, J. M. 2004. Ruffed Grouse dispersal: relationships with landscape and consequences for survival. Ph. D. Dissertation. The Ohio State University.

Yoder, J. M., E. A. Marschall, and D. A. Swanson. 2004. The cost of dispersal: predation as a function of movement and site familiarity in Ruffed Grouse. Behavioral Ecology 15:469-476.

Young, C. H., and L. W. Shin. 1999. [Habitat type selection of Hazel Grouse.] (in Korean).

Yurgenson, B. P. 1961. On problem of study the fluctuation in number of the Hazel-Grouse. Pribaltiiskoi ornitolog. konfer. 4:91-96.

Zbinden, N. 1979. (1.) Zur Oekologie des Haselhuhns (*Bonasa bonasia*) in den Buchenwäldern des Chasseral, Faltenjura ; (2.) Zur Verdaulichkeit und umsetzbaren Energie von Tetraoniden-Winternahrung und zum Erhaltungsbedarf des Birkhuhns (*Tetrao tetrix*) in Gefangenschaft mit Hinweisen auf Verdaulichkeitsversuche. [1.) To the ecology of the Hazel Hen (*Bonasa bonasia*) in the beech forests of the Chasseral, fold law; (2.) On the digestibility and metabolizable energy of tetraonid winter food and on the energy requirements for maintenance of Black Grouse (*Tetrao Tetrix*)in captivity, with remarks on digestibility trials.] Ph. D. Dissertation. Naturwiss. Bern. (in German).

Zbinden, N. 1979. Zur Okologie des Hazelhuhns *Bonasa bonasia* in den Buchenwaldern des Chasseral, Faltenjura. [To the ecology of the Hazel Grouse *Bonasa bonasia* in the Buchenwaldern of the Chasseral, fold law.] Ornithologische Beobachter 76:169-214. (in German with English summary).

Zeiler, H., M. Breuss, M. Woss, and V. Szinovatz. 2002. The structure of habitat used by Hazel Grouse *Bonasa bonasia* during winter. Acrocephalus (Ljubljana) 23(113-114):115-121.

Zhao, Z. 1995. Habitat selection and breeding success of Hazel Grouse at Changmai Mountain in 1974-92. Proceedings of the 6th. International Grouse Symposium. Pp. 141-144.

Zhao, Z. 1995. Status and protection of the Hazel Grouse in China. Proceedings of the 6th. International Grouse Symposium. Pp. 166-167.

Zheng, R., L. Niu, and J. Zhang. 1993. [Infectious bronchitis of *Tetrastes bonasia*.] Special Wild Economic Animal and Plant Research 1:45-46. (in Chinese).

Zhenjie, Z. 1978. [Ecological studies of the Hazel Grouse in Changbai Shan area, China.] Acta Zoologica Sinica 23:324-335. (in Chinese with English summary).

Zhengjie, Z. 1992. Current status of the Hazel Grouse in China. Grouse News 3:2-3.

Zhou, S. 2004. [The comparative analysis of egg hatching rate between Hazel Grouse in field and Hazel Grouse in captivity.] Forestry Science and Technology. (in Japanese).

Zhu, Z.-B., D. Lu, and Z. Gao. 1988. Studies on the reproductive ecology of the Hazel Grouse (*Tetrastes bonasia*). Chinese Wildlife 1988(1):18-21. (in Chinese).

Zimmerman, G. S. 2006. Habitat and population regulation of Ruffed Grouse in Minnesota. Ph. D. Dissertation. University of Minnesota. 124pp.

Zimmerman, G. S., D. W. Gilmore, and R .J. Gutiérrez. 2007. Integrating grouse habitat and forestry: An example using the Ruffed Grouse *Bonasa umbellus* in Minnesota. Wildlife Biology 13 (Suppl. 1):51-58.

Zimmerman, G. S., and R. J. Gutierrez. 2007. The influence of ecological factors on detecting drumming Ruffed Grouse. Journal of Wildlife Management 71:1765-1772.

Zimmerman, G. S., and R. J. Gutierrez. 2008. Ruffed Grouse *Bonasa umbellus* habitat selection in a spatially complex forest: evidence for spatial constraints on patch selection. Ibis 150:746-755.

Zimmerman, G. S., R. J. Gutierrez, W. E. Thogmartin, and S. Banerjee. 2009. Multiscale habitat selection by Ruffed Grouse at low population densities. Condor 111:294-304.

Zimmerman, G. S., R. R. Horton, D. R. Dessecker, and R. J. Gutierrez. 2008. New insights to old hypotheses: Ruffed Grouse population cycles. Wilson Journal of Ornithology 120:239-247.

Zorichak, J. L. 1953. The Ruffed Grouse as a snake eater. Flicker 25:2-3.

Centrocercus (sage grouse)

Able, K. P. 2000. Sage Grouse futures. Birding 32:306-316.

Adams, B. W. 2004. Beneficial grazing management practices for sage-grouse, *Centrocercus urophasianus*, and ecology of silver sagebrush, *Artemisia cana* Pursh subsp. *cana*, in southeastern Alberta: Final report. Alberta Sustainable Resources Development, Alberta Conservation Association. 72pp.

Adams, B. W., J. Carlson, D. Miller, T. Hood, B. Cairns, and P. Herzog. 2004. Beneficial grazing management practices for sage-grouse (*Centrocercus urophasianus*) and ecology of silver sagebrush (*Artemisia cana*). Technical Report, Public Lands and Forests Division, Alberta Sustainable Resource Development. Publication No. T/049. 60pp.

Aldridge, C. L. 1998. Status of the Sage Grouse (*Centrocercus urophasianus urophasianus*) in Alberta. Alberta Environmental Protection, Wildlife Management Division, and Alberta Conservation Association, Edmonton. Wildlife Status Rep. 13.

Aldridge, C. L. 2000. Reproduction and habitat use by Sage Grouse (*Centrocercus urophasianus*) in a northern fringe population. M. Sc. Thesis University of Regina, SK. 109pp.

Aldridge, C. L. 2000. Assessing chick survival of Sage-Grouse in Canada. Final Report for 2000. Alberta Species at Risk Report No. 19. 31pp.

Aldridge, C. L. 2000. The status of Sage Grouse (*Centrocercus urophasianus urophasianus*) in Canada. Proc. 5th. Prairie Conservation and Endangered Species Workshop. Provencial Museum of Alberta, Natural History Occasional Paper 24:197-205.

Aldridge, C. L. 2001. Developing a habitat-based population viability model for Greater Sage-Grouse in southeastern Alberta. Alberta Species at Risk Report No. 56. 23pp.

Aldridge, C. L. 2001. Do Sage Grouse have a future in Canada? Population dynamics and management suggestions. Proceedings of the 6th Prairie Conservation and Endangered Species Conference, Winnipeg, MB, February 22-25, 2001. 11 pp.

Aldridge, C. L. 2003. Developing a habitat-based population viability model for Sage-Grouse in southeastern Alberta. Final Report for 2003 Sage-Grouse funding partners. 27pp.

Aldridge, C. L. 2005. Identifying habitats for persistence of Greater Sage-Grouse

(*Centrocercus urophasianus*) in Alberta, Canada. Ph. D. Dissertation. University of Alberta. 272pp.

Aldridge, C. L., and M. S. Boyce. 2007. Linking occurrence and fitness to persistence: Habitat-based approach for endangered Greater Sage-Grouse. Ecological Applications 17:508-524.

Aldridge, C. L., and M. S. Boyce. 2008. Accounting for fitness: combining survival and selection when assessing wildlife-habitat relationships. Israel Journal of Ecology and Evolution 54:389-419. (Greater Sage-Grouse).

Aldridge, C. L., M. S. Boyce, and R. K. Baydack. 2004. Adaptive management of prairie grouse: how do we get there? Wildlife Society Bulletin 32:92-103.

Aldridge, C. L., and R. M. Brigham. 2001. Nesting and reproductive activities of Greater Sage-Grouse in a declining northern fringe population. Condor 103:537-543.

Aldridge, C. L., and R. M. Brigham. 2002. Sage-Grouse nesting and brood habitat use in southern Canada. Journal of Wildlife Management 66:433-444.

Aldridge, C. L., and R. M. Brigham. 2003. Distribution, abundance, and status of the Greater Sage-Grouse, *Centrocercus urophasianus*, in Canada. Canadian Field Naturalist 17:25-34.

Aldridge, C. L., R. Lee, P. Jones, and J. Nicholson. 2004. Winter habitat selection and survival by Sage-Grouse in southeastern Alberta. Final Project Report. 22pp.

Aldridge, C. L., S. E. Nielsen, H. L. Beyer, M. S. Boyce, J. W. Connelly, S. T. Knick, and M. A. Schroeder. 2008. Range-wide patterns of Greater Sage-Grouse persistence. Diversity and Distributions 14:983-994.

Aldridge, C. L., S. J. Oyler-McCance, and R. M. Brigham. 2001. Occurrence of Greater Sage-Grouse X Sharp-tailed Grouse hybrids in Alberta. Condor 103:657-660.

ALL Consulting. 2007. The history and current conditions of the Greater Sage-Grouse in regions with energy development. Final report to U.S. Department of Energy and the Interstate Oil & Gas Compact Commission. 43pp.

Allen, E. O. 1973. Guidelines for habitat protection in sage grouse range. Proceedings Western States Sage Grouse Workshop 8:18-28.

Allred, W. J. 1942. Predation and the Sage Grouse. Wyoming Wildlife 7(1):3-4.

Allred, W. J. 1946. Sage grouse trapping and transplanting. Proceedings Western

Association of State Game and Fish Commissions 26:143-146.

Allred, W. J. 1946. Wyoming sage grouse survey. Wyoming Wildlife 10(7):28-31.

Allred, W. J. 1949. Sage grouse in 1949. Wyoming Wildlife 13(10):2.

Altstatt, A. L. 1995. The potential impact of raven predation on Sage Grouse production in Nevada (*Centrocercus urophasianus*). M. Sc. Thesis. University of Nevada, Reno.

Anonymous. 1940. The strutting Sage Grouse. Wyoming Wildlife 5(6):10-11.

Anonymous. 1944. The 1944 Sage Grouse season. Colorado Conservation Comments 4(7):18.

Anonymous. 1948. A report on Wyoming Sage Grouse. Wyoming Wildlife 12(3):14-19,32-33.

Anonymous. 1955. Using the cannon net trap to capture and band Sage Grouse. Idaho Wildlife Review Jan/Feb 1955:6.

Anonymous. 1957. Sage Grouse study. Idaho Wildlife Review May/Jun 1957:8.

Anonymous. 1960. Sage Grouse hunt cancelled – poor nesting conditions. Outdoor California 21(8):4.

Anonymous. 1961. Sage Grouse trapping and banding. Wyoming Wildlife 25(10):20-23.

Anthony, R. G., and M. J. Willis. 2009. Survival rates of Female Greater Sage-Grouse in autumn and winter in southeastern Oregon. Journal of Wildlife Management 73:538-545.

Apa, A. D. 1998. Habitat use and movements of sympatric Sage and Columbian Sharp-tailed Grouse in southeastern Idaho. Ph. D. Dissertation. University of Idaho, Moscow, Idaho.

Apa, A. 2001. Range wide population status of Sage-Grouse in North America. Grouse Partnership News. 2:18.

Applegate, R. D. 2001. History of the Sage Grouse in Kansas. North American Birds 55(2): 241.

Armentrout, D. J., F. Hall, and M. Dobel. 2004. Conservation strategy for Sage-Grouse (*Centrocercus urophasianus*) within the Buffalo-Skedaddle population management unit. Bureau of Land Management, Eagle Lake Field Office,

Susanville, CA.

Armentrout, D. J., F. Hall, and M. Nordstrom. 2006. Concervation strategy for Sage-Grouse (*Centrocerus urophasianus*) and sagebrush ecosystems within the Buffalo-Skedaddle population management unit. Bureau of Land Management, Eagle Lake Field Office, Susanville, CA. 160pp.

Aspbury, A. S., and R. M. Gibson. 2004. Long-range visibility of Greater Sage Grouse leks: a GIS-based analysis. Animal Behaviour 67:1127-1132.

Atamian, M. T. 2007. Brood ecology and sex ratio of Greater Sage-Grouse in east-central Nevada. M. Sc. Thesis. University of Nevada, Reno. 100pp.

Atamian, M, C. Frey, and J. Sedinger. 2006. Dynamics of Sage Grouse (*Centrocercus urophasianus*) populations in response to transmission lines in central Nevada. Progress Report – Year 4. Department of Natural Resources and Environmental Studies, University of Nevada, Reno. 43pp.

Atamian, M., and J. Sedinger. 2005. Dynamics of Sage Grouse (*Centrocercus urophasianus*) populations in response to transmission lines in central Nevada. Progress Report – Year 3. Department of Natural Resources and Environmental Studies, University of Nevada, Reno. 39pp.

Atamian, M. T., and J. S. Sedinger. 2010. Balanced sex ratio at hatch in a Greater Sage-Grouse (*Centrocercus urophasianus*) population. Auk 127:16-22.

Atamian, M, J. Sedinger, and C. Frey. 2007. Dynamics of Sage Grouse (*Centrocercus urophasianus*) populations in response to transmission lines in central Nevada. Progress Report – Year 5. Department of Natural Resources and Environmental Studies, University of Nevada, Reno. 39pp.

Atamian, M. T., J. S. Sedinger, J. S. Heaton, and E. J. Blomberg. 2010. Landscape-level assessment of brood rearing habitat for Greater Sage-Grouse in Nevada. Journal of Wildlife Management 74:1533-1543.

Autenrieth, R. 1969. Bumper mounted cannon net. Proceedings Western States Sage Grouse Workshop 6:94-99. (Greater Sage-Grouse).

Autenrieth, R. E. 1969. Impact of strip spray on vegetation and Sage Grouse use on summer habitat. Proceedings of the Biennial Western States Sage Grouse Workshop. 6:147-157.

Autenrieth, R. E. 1981. Sage Grouse management in Idaho. Idaho Department of Fish and Game, Boise. Wildlife Bulletin 9. 238pp.

Autenrieth, R. E., W. Molini, and C. E. Braun. 1982. Sage Grouse management

practices. Western States Sage Grouse Commission Technical Bulletin 1.

Back, G. N., M. R. Barrington, and J. K. McAdoo. 1987. Sage Grouse use of snow burrows in northeastern Nevada. Wilson Bulletin 99:488-490.

Bagley, L. 1951. The 1951 Sage Grouse season. Wyoming Wildlife 15(9):2.

Bailey, A. M. 1925. Segregation of the sexes in the sage-hen. Condor 27:172-173.

Bailey, A. M., and R. J. Niedrach. 1939, Fan and bubble dance. Rocky Mountain Sportsman 2(5):8-11,30-31. (Sage-grouse).

Baker, W. L. 2011. Chapter eleven – Pre-Euro-American and recent fire in sagebrush ecosystems. Pp. 185-201 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Baker, W. L., J. Garner, and P. Lyon. 2009. Effect of Imazapic on cheatgrass and native plants in Wyoming big sagebrush restoration for Gunnison Sage-Grouse. Natural Areas Journal 29:204-209.

Bambrough, D. J. 2002. Greater Sage-Grouse winter and male and female summer habitat selection in Strawberry Valley, Utah. M. Sc. Thesis. Brigham Young University.

Barber, H. A. 1991. Strutting behavior, distribution, and habitat selection of Sage Grouse in Utah. M.S. Thesis, Bringham Young Univ., Provo, UT.

Barber, H. A., and J. Stroh. 1996. Sage Grouse habitat use defined by observations and GIS layering. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O. O. Oedkoven, editor.

Barber, T. A. 1968. Function of the cecal microflora in Sage Grouse nutrition. M. Sc. Thesis, Colorado State University, Fort Collins. 60pp.

Barber, T. A., J. G. Nagy, and T. A. May. 1969. Nutrition and dietary preference of penned Sage Grouse. Proceedings of the Western States Sage Grouse Workshop 6:180-188.

Barnett, J. K. 1992. Diet and nutrition of female Sage Grouse during the pre-laying period. M. Sc. Thesis. Oregon State University, Corvalis.

Barnett, J. K., and J. A. Crawford. 1994. Pre-laying nutrtion of Sage Grouse Hens in Oregon. Journal of Range Management 47:114-118.

Barrett, H., E. G. Campbell, S. Ellis, S. Hanf, R. Masinton, J. Pollet, T. Rich, J. Rose, J. Sadowski, F. Taylor, P. Teensma, J. Dillon, D. Zalunardo, B. Bales, W. Van Dyke, and N. Pustis. 2000. Greater Sage-Grouse and sagebrush-steppe ecosystems management guidelines. 32pp.

Bates Hole / Shirley Basin Sage-Grouse Working Group. 2007. Bates Hole / Shirley Basin [Wyoming] Sage-Grouse conservation plan. 109pp.

Battazzo, A. M. 2007. Winter survival and habitat use by female Greater Sage-Grouse (*Centrocercus urophasianus*) in south Phillips County, Montana 2004-2006. M. Sc. Thesis University of Montana, Missoula. 74pp.

Batterson, W. M., and W. B. Morse. 1948. Oregon Sage Grouse. Oreg. State Comm. Fauna Ser. 1. 29pp.

Baumgardt, J. A., J. W. Connelly, E. O. Garton, D. D. Musil, and K. P. Reese. 2008. Assessing Greater Sage-Grouse lek attendance: a preliminary report. Grouse News 36:12-16

Baxter, R. 2003. Greater Sage-Grouse brood and non-reproductive female habitat selection and population dynamics in Strawberry Valley, Utah. M. Sc. Thesis. Brigham Young University.

Baxter, R. J. 2007. The ecology of translocated Greater Sage-Grouse in Strawberry Valley, Utah. Ph. D. Dissertation, Brigham Young University. 91pp.

Baxter, R. J., J. T. Flinders, and D. L. Mitchell. 2008. Survival, movements, and reproduction of translocated Greater Sage-Grouse in Strawberry Valley, Utah. Journal of Wildlife Management 72:179-186.

Baxter, R. J., J. T. Flinders, D. G. Whiting, and D. L. Mitchell. 2009. Factors affecting nest-site selection and nest success of translocated Greater Sage-Grouse. Wildlife Research 36:479-487.

Beall, A., and L. Zeoli. 2008. Participatory modeling of endangered wildlife systems: Simulating the sage-grouse and land use in Central Washington. Ecological Economics 68:24-33.

Bean, R. W. 1941. Life history studies of the Sage Grouse (*Centrocercus urophasianus*) in Clark County, Idaho. B. S. Thesis, Utah State Agricultural College, Logan. 44pp.

Beck, J. L. 2006. Summary of oil and natural gas development impacts on prairie grouse. Unpublished Report, Colorado Division of Wildlife, Grand Junction, Colorado, USA.

Beck, J. L., J. W. Connelly, and K. P. Reese. 2008. Recovery of Greater Sage-Grouse habitat features in Wyoming big sagebrush following prescribed fire. Restoration Ecology 17:393-403.

Beck, J. L., and D. L. Mitchell. 2000. Influences of livestock grazing on Sage Grouse habitat. Wildlife Society Bulletin 28:993-1002.

Beck, J. L., K. P. Reese, J. W. Connelly, and M. B. Lucia. 2006. Movements and survival of juvenile Greater Sage-Grouse in southeastern Idaho. Wildlife Society Bulletin 34:1070-1078.

Beck, J. L., D. L. Mitchell, and B. D. Maxfield. 2003. Changes in the distribution and status of sage-grouse in Utah. Western North American Naturalist 63:203-214.

Beck, T. D. I. 1975. Attributes of a wintering population of Sage Grouse, North Park, Colorado. M. Sc. Thesis. Colorado State University, Ft. Collins. 49pp.

Beck, T. D. I. 1977. Sage Grouse flock characteristics and habitat selection in winter. Journal of Wildlife Management 41:18-26.

Beck, T. D. I., and C. E. Braun. 1978. Weights of Colorado Sage Grouse. Condor 80:241-243.

Beck, T. D. I., and C. E. Braun. 1980. The strutting ground count: variation, traditionalism, management needs. Proceedings of the Annual Conference of Fish Wildlife Agencies 60:558-566.

Beck, T. D. I., R. B. Gill, and C. E. Braun. 1975. Sex and age determination of Sage Grouse from wing characteristics. Colorado Division of Game, Fish, and Parks. Game Information Leaflet No. 9.

Becker, J. M., C. A. Duberstein, J. D. Tagestad, and J. L. Downs. 2009. Sage-grouse and wind energy: biology, habits, and potential effects of development. Prepared for U.S. Department of Energy. Pacific Northwest National Laboratory, PNNL-18567.

Beever, E. A., and C. L. Aldridge. 2011. Chapter fourteen – Influences of free-roaming equids on sagebrush ecosystems, with a focus on Greater Sage-Grouse. Pp. 273-290 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Belton, L. R. 2008. Factors related to success and participant's psychological ownership in collaborative wildlife management: a survey of sage-grouse local working groups. M. Sc. Thesis. Utah State University. 160pp.

Belton, L. R., and D. Jackson-Smith. 2010. Factors influencing success among collaborative sage-grouse management groups in the western United States. Environmental Conservation 37:250-260.

Belton, L. R., D. B. Jackson-Smith, and T. A. Messmer. 2009. Assessing the needs of Sage-Grouse Local Working Groups: Final Technical Report. Unpublished report prepared for the USDA Natural Resources Conservation Service. Institute for Social Science Research on Natural Resources, Utah State University. Logan, Utah. 120pp.

Benedict, N. G. 2001. A molecular characterization of the species, metapopulaion, and population levels of leopard frogs (*Rana pipiens*) and Sage-Grouse (*Centrocercus urophasianus*). Ph. D. Dissertation. University of Denver.

Benedict, N. G., S. J. Oyler-McCance, S. E. Taylor, C. E. Braun, and T. W. Quinn. 2003. Evaluation of the eastern (*Centrocercus urophasianus urophasianus*) and western (*Centrocercus urophasianus phaios*) supspecies of Sage-Grouse using mitochondrial control-region sequence data. Conservation Genetics 4:301-310.

Berry, J. D., and R. L. Eng. 1985. Interseasonal movements and fidelity to seasonal use areas by female Sage Grouse. Journal of Wildlife Management 49:237-240.

Beyer, H. L., D. T. Haydon, J. M. Morales, J. L. Frair, M. Hebblewhite, M. Mitchell, and J. Mathiopoulos. 2010. The interpretation of habitat preference metrics under use-availability designs. Philosophical Transactions of the Royal Society B – Biological Sciences 365:2245-2254. (Greater Sage-Grouse).

Big Desert Sage-Grouse Local Working Group. 2010. Big Desert Sage-grouse Planning Area - Sage-grouse Conservation Plan. 137 pp. Idaho Department of Fish and Game. http://fishandgame.idaho.gov/cms/hunt/grouse/conserve_plan/bigDesert.pdf

Big Horn Basin Sage-Grouse Local Working Group. 2007. Sage-grouse conservation plan for Big Horn Basin, Wyoming. 108pp.

Biggins, D. E., and E. J. Pitcher. 1978. Comparative efficiencies of telemetry and visual techniques for studying ungulates, grouse and raptors on energy development lands in southeastern Montana. National Wildlife Federation Scientific and Technical Series Pp:188-193.

Bihrle, C. 1993. Upland game identification: A basic guide for aging and sexing the bird in your hand. North Dakota Outdoors. 56(3):9-23. Online version: http://www.npwrc.usgs.gov/resource/tools/upland/upland.htm#contents

Billaux, A. 1996. Foraging ecology of Sage Grouse chicks in relation to vegetation. M. Sc. Thesis. Utah State University.

Bird, B. and M. Schenk. 2005. Sage-Grouse (*Centrocercus* spp.). NRCS Fish and Wildlife Habitat Management Leaflet Number 26. 25pp.

Bizeau, E. 1960. Sage Grouse management in Idaho. Pheasant Gazetteer 9(11):16-17.

Blake, C. S. 1970. The response of Sage Grouse populations to precipitation trends and habitat quality in south central Idaho. Proceedings of the Western Association of State Game and Fish Commissions 50:452-462.

Blickley, J., D. Blackwood, and G. Patricelli. 2008. The impacts of energy development noise playback on lek attendance and behavior in Greater Sage-Grouse. The Journal of the Acoustical Society of America 124(4):2434. (abstract only).

BLM. 2000. Management guidelines of Sage Grouse and sagebrush ecosystems in Nevada.

Blus, L. J., and J. W. Connelly. 1998. Radiotelemetry to determine exposure and effects of organophosphorus insecticides on sage grouse. Proceedings of the Pellson Workshop, Society of Environmental Toxicology and Chemistry. Pp. 21-30.

Blus, L. J., C. S. Stanley, C. J. Henny, G. W. Pendleton, T. H. Craig, E. H. Craig, and D. K. Halford. 1989. Effects of organophosphorous insecticides on Sage Grouse in southeasten Idaho. Journal of Wildlife Management 53:1139-1146.

Bohne, J., T. Rinkes, and S. Kilpatrick. 2007. Sage-Grouse habitat guidelines for Wyoming. Wyoming Game and Fish Department. 39pp.

Bonaparte, C. L. 1927. Notice of a nondescript species of grouse. Zoological Journal 3:212-213. (sage-grouse)

Bond, F. 1900. A nuptial performance of the Sage Cock. Auk 17:325-327.

Booth, D. T., S. E. Cos, G. E. Simonds, and B. Elmore. 2009. Efficacy of two variations on an aerial lek-count method for Greater Sage-Grouse. Western North American Naturalist 69:413-416.

Borell, A. E. 1939. Telephone wires fatal to Sage Grouse. Condor 41:85-86.

Boswell, R. T., and N. S. Frey. 2007. The effects of mechanical disking on shrub steppe ecosystems and Greater Sage-Grouse use in Pine Valley, Utah. Annual Report 2007. Utah State University Extension Service, Southern Utah University, Cedar City, UT. 13pp.

Bosworth, D. 2004. The Forest Service's role in Greater Sage-Grouse conservation. Grouse Partnership News 5:14.

Boyce, M. S. 1981. Robust canonical correlation of Sage Grouse habitat. U S Forest Service General Technical Report RM Pages: 152-159.

Boyce, M. S. 1990. The red queen visits Sage Grouse leks. American Zoologist 30:263-270.

Boyce, M. S., D, Rothenmaier, and J. Tate Jr. 1979. Multivariate analysis of habitat selection by Sage Grouse. Journal of the Colorado-Wyoming Academy of Science 11:93-94. (abstract only).

Boyce, M. S., and J. Tate, Jr. 1979. A bibliography on the Sage Grouse (*Centrocercus urophasianus*). Science Monograph 38. University of Wyoming, Laramie. 12pp.

Boyd, C. S. 2005. Current issues in sagebrush habitat management. Northwestern Naturalist 86:85-86. (Greater Sage-Grouse).

Boyko, A. R., R. M. Gibson, and J. R. Lucas. 2004. How predation risk affects the temporal dynamics of avian leks: Greater Sage Grouse versus Golden Eagles. American Naturalist 163:154-165

Bradbury, J. W., R. M. Gibson, and C. E. McCarthy. 1989. Dispersion of displaying Sage Grouse males: II. The role of female dispersion. Behavioral Ecology and Sociobiology 24:15-24.

Bradbury, J. W., S. L. Vehrencamp, and R. M. Gibson. 1989. Dispersion of displaying Sage Grouse males: I. Patterns of temporal variation. Behavioral Ecology and Sociobiology 24:1-14.

Bradshaw, F. 1915. The Grouse of Saskatchewan. Report of the Chief Game Guardian. Province of Saskatchewan Forests. 1914:64-71.

Bradshaw, F. 1929. The Sage Grouse in Saskatchewan. Canadian Field Naturalist 43:197-200.

Braun, C. E. 1979. Evolution of the effects of changes in hunting regulations on Sage Grouse populations. Colorado Division of Wildlife, Game Research Report, Project W-37-R-32, Job 9a, Pp.11-35.

Braun, C. E. 1979. White-tailed Ptarmigan and Sage Grouse investigations. Memorandum to Jack R. Grieb, Director, Colorado Division of Wildlife. August 15, 1979.

Braun, C. E. 1986. Changes in Sage-Grouse lek counts with advent of surface coal mining. Proceedings: Issues and Technology in the Management of Impacted Western Wildlife, Thorne Ecological Institute 2:227-231.

Braun, C. E. 1987. Current issues in Sage Grouse management. Proceedings of the Western Association of State Fish and Wildlife Agencies 67:134-144.

Braun, C. E. 1991. Geographic variation among Sage Grouse in Colorado. Wilson Bulletin 103:225-261.

Braun, C. E. 1995. Distirbution and status of Sage Grouse in Colorado. Prairie Naturalist 27:1-9.

Braun, C. E. 1996. Memorandum of understanding among members of Western Association of Fish and Wildlife Agencies. Conservation and management of Sage Grouse in North America. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O. O. Oedkoven, editor.

Braun, C. E. 1996. Conservation planning for the Gunnison Sage Grouse. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O. O. Oedkoven, editor.

Braun, C. E. 1998. Sage Grouse declines in western North America: what are the problems? Proceedings of the Western Association of State Fish and Wildlife Agencies 78:139-156.

Braun, C. E. 2001. Sage-Grouse habitat relationships: a review of what is known. Pp. 129-137 IN: Proceedings of the First Symposium of The Thunder Basin Grasslands Prairie Ecosystem Association.

Braun, C, E. 2005. Multi-species benefits of the proposed North American sage-grouse management plan. U S Forest Service General Technical Report PSW 191:1162-1164.

Braun, C. E. 2006. A blueprint for sage-grouse conservation. Unpublished report. Grouse Inc., Tucson, AZ. 26pp.

Braun, C. E., M. F. Baker, R. L. Eng, J. W. Gashwiler, and M. H. Schoeder. 1976. Conservation committee report on effects of alteration of sagebrush communities on the associated avifauna. Wilson Bulletin 88:165-171.

Braun, C. E., and T. D. I. Beck. 1976. Effects of sagebrush control on distribution and abundance of Sage Grouse. Colorado Division of Wildlife, P-R Project W-37-R-29. 64pp.

Braun, C. E., and T. D. I. Beck. 1985. Effects of changes in hunting regulations on Sage Grouse harvest and populations. Pp. 335-343 *in* Beasom, S. L., and S. F. Roberson (Eds.) Game Harvest Management. Caesar Kleberg Wildlife Research Institute, Kingsville, TX.

Braun, C. E., and T. D. I. Beck. 1996. Effects of research on Sage Grouse management. Transactions of the North American Wildlife Natural Resources Conference 61:429-436.

Braun, C. E., T. Britt, and R. O. Wallestad. 1977. Guidelines for maintenance of Sage Grouse habitats. Wildlife Society Bulletin 5:99-106.

Braun, C. E., J. W. Connelly, and M. A. Schroeder. 2005. Seasonal habitat requirements for Sage-Grouse: spring, summer, fall, and winter. Pp. 38-42 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Braun, C. E., and D. M. Hoffmann. 1979. Vulnerability and population characteristics of Sage Grouse in Moffat County. Colorado Division of Wildlife, Game Research Report, Project W-37-R-32, Job 11. Pp. 163-199.

Braun, C. E., O. O. Oedekoven, and C. L. Aldridge. 2002. Oil and gas development in western North America: Effects on sagebrush steppe avifauna with particular emphasis on Sage-Grouse. Transactions of the North American Wildlife and Natural Resources Conference 67:337-349.

Bressler, L. 2009. Locating wind energy habitat disturbance zones with GIS-based modeling: a study of Greater Sage-Grouse *Centrocercus urophasianus* in the northwestern Great Plains. M. Sc. Thesis, South Dakota State University. 122pp.

Brewer, T. 2009. Gone with the wind? Best friends Magazine September/October 2009:28-29,52-53. (Greater Sage-Grouse).

Broms, K. 2008. Small game population reconstruction: model development and applications. M. Sc. Thesis. University of Washington. 120pp. (Greater Sage-Grouse).

Broms, K., J. R. Skalski, J. J. Millspaugh, C. A. Hagen, and J. H. Schulz. 2010. Using statistical population reconstruction to estimate demographic trends in small game populations. Journal of Wildlife Management 74:310-317. (Greater Sage-Grouse).

Brooks, A. 1930. The specialized feathers of the Sage Hen. Condor 32:205-207.

Browers, H. W. 1983. Dispersal and harvest of Sage Grouse utilizing the Test Reactor Area on the Idaho National Engineering Laboratory. M. Sc. Thesis. South Dakota State University.

Browers, H. W., and J. W. Connelly. 1986. Capturing Sage Grouse with mist nets.

Prairie Naturalist 18:185-188.

Browers, H. W.Jr., and L. D. Flake. 1983. Dispersal and harvest of Sage Grouse utilizing the Test Reactor Area on the Idaho National Engineering Laboratory. M. Sc. thesis. South Dakota State University. 346 pages.

Browers, H. W., and L. D. Flake. 1985. Breakup and sibling dispersal of two Sage Grouse broods. Prairie Naturalist 17:248-249.

Browers, H. W., and L. D. Flake. 1985. Breakup and sibling dispersal of two Sage Grouse broods. Prairie Naturalist 17:248-249.

Brown, K. G., and K. M. Clayton. 2004. Ecology of the Greater Sage-Grouse (*Centrocercus urophasianus*) in the coal mining landscape of Wyoming's Powder River Basin, 2004. Final Executive Summary Report. Thunderbird Wildlife Consulting, Inc., Gillette, Wyoming.

Bruce, J. R. 2008. Greater Sage-Grouse movements and habitat use during winter in central Oregon. M.Sc. Thesis. Oregon State University. 54pp.

Brunner, J. 1905. Antics of the Sage Grouse. Country Life in America 7:399.

Brunner, J. 2006. Sage-grouse at the crossroads. Rangelands 28(3):15-16.

Bui, T.-V. D. 2009. The effects of nest and brood predation by Common Ravens (*Corvus corax*) on Greater Sage-Grouse (*Centrocercus urophasianus*) in relation to land use in western Wyoming. M. Sc. Thesis. University of Washington.

Bui, T.-V. D., J. M. Marzluff, and B. Bedrosian. 2010. Common Raven activity in relation to land use in western Wyoming: implications for Greater Sage-Grouse reproductive success. Condor 112:65-78.

Bunnell, K. D. 2000. Ecological factors limiting Sage Grouse recovery and expansion in Strawberry Valley, Utah. M. Sc. Thesis. Brigham Young University. 60pp.

Bunnell, K. D., D. J. Bambrough, and J. T. Flinders. 2000. Revised progress report: Strawberry Valley Sage Grouse Recovery Project. 49pp.

Bunnell, K. D., J. T. Flinders, D. L. Mitchell, and J. Warder. 2004. Occupied and unoccupied Sage Grouse habitat in Strawberry Valley, Utah. Journal of Range Management 57:524-531.

Bunting, C. S. C., J. L. Kingery, M. A. Hemstrom, M. A. Schroeder, R. A. Gravenmier, and W. J. Hann. 2002. Altered rangeland ecosystems in the interior Columbia Basin. U. S. D. A. Forest Service General Technical Report PNW 553. 67pp. (Greater Sage Grouse, Sharp-tailed Grouse).

Bureau of Land Management. 2004. National Sage-Grouse habitat conservation strategy. U. S. Department of the Interior.

Burkepile, N. A., J. W. Connelly, D. W. Stanley, and K. P. Reese. 2002. Attachment of radiotransmitters to one-day-old Sage Grouse chicks. Wildlife Society Bulletin 30: 93-96.

Burnett, L. E. 1905. The Sage Grouse, *Centrocercus urophasianus*. Condor 7:102-105.

Busek, E. A. 1973. Grounds for grouse. Soil Conservationist 38:169-170. (Sage Grouse).

Bush, K.L. 2003. Genetic Analysis of Southeastern Alberta Sage-Grouse (*Centrocercus urophasianus*). Unpublished Honors Thesis, University of Alberta.

Bush, K. L. 2003. Paternity Analysis of Southeastern Alberta Sage-Grouse. American Pheasant and Waterfowl Society 2:31-35.

Bush, K. L. 2008. A pressure-operated drop net for capturing Greater Sage-Grouse. Journal of Field Ornithology 79:64-70.

Bush, K. L. 2009. Genetic diversity and paternity analysis of endangered Canadian Greater Sage-Grouse (*Centrocercus urophasianus*). Ph. D. Dissertation. University of Alberta. 184pp.

Bush, K. L., C. L. Aldridge, J. E. Carpenter, C. A. Paszkowski, M. S. Boyce, and D. W. Coltman. 2010. Birds of a feather do not always lek together: genetic diversity and kinship structure of Greater Sage-Grouse (*Centrocercus urophasianus*) in Alberta. Auk 127:343-353.

Bush, K. L., C. K. Dyte, B. J. Moynahan, C. L. Aldridge, H. S. Sauls, A. M. Battazzo, B. L. Walker, K. E. Doherty, J. Tack, J. Carlson, D. Eslinger, J. Nicholson, M. S. Boyce, D. E. Naugle, C. A. Paszkowski, and D. W. Coltman. 2011. Population structure and genetic diversity of Greater Sage-Grouse (*Centrocercus urophasianus*) in fragmented landscapes at the northern edge of their range. Conservation Genetics 12:527-542.

Bush, K. L., M. D. Vinsky, C. L. Aldridge, and C. A. Paszkowski. 2005. A comparison of sample types varying in invasiveness for use in DNA sex determination in an endangered population of Greater Sage-Grouse (*Centrocercus urophasianus*). Conservation Genetics 6:867-870.

Byrne, M. W. 2002. Habitat use by female Greater Sage Grouse in relation to fire at Hart Mountain National Antelope Refuge, Oregon. M.Sc. thesis. Oregon State University, Corvallis, Oregon.

Cade, T. J. 1999. The Sage Grouse, Icon of the high desert, can it flourish again?

Cadwell, L. L., M. A. Simmons, J. L. Downs, and C. M. Sveum. 1994. Sage Grouse on the Yakima Training Center: a summary of studies conducted during 1991 and 1991. Report prepared for the U.S. Department of the Army under a Related Services Agreement with the U.S. Department of Energy Contract DE-AC06-76RLO 1830. 51pp.

Cagney, J., E. Bainter, B. Budd, T. Christiansen, V. Herren, M. Holloran, B. Rashford, M. Smith, and J. Williams. 2010. Grazing influence, objective development, and management in Wyoming's Greater Sage-Grouse habitat – with emphasis on nesting and early brood rearing. University of Wyoming Cooperative Extension Service, B-1203. 58pp.

Call, M. W. 1979. Habitat requirements and management recommendations for Sage Grouse. Technical Note 330. USDI Bureau of Land Management. 37 pages.

Call, M. W., and C. Maser. 1985. Wildlife habitats in managed rangelands—The Great Basin of Southeastern Oregon – Sage Grouse. U.S.F.S. Gen. Tech. Rep. PNW-187.

Cardinal, C. J. 2011. Greater Sage-Grouse ecology, movements, and habitat use related to land use patterns in the vicinity of Bear Lake, 2010 Progress Report. Submitted to Idaho Department of Fish and Game, Utah Division of Wildlife Resources, Bureau of Land Management, U.S. Fish and Wildlife Service, U.S. Forest Service, Idaho Department of Lands, Idaho Governor's Office of Species Conservation, East Idaho Uplands Sage-grouse Local Working Group, Rich County Coordinated Resources Management Working Group, Wyoming Department of Game and Fish, and Southwest Wyoming Sage-grouse Local Working Group. Utah State University. 11pp.

Carpenter, J. E. 2007. West Nile virus and parasites in Greater Sage-Grouse (*Centrocercus urophasianus*) populations. M. Sc. Thesis. University of Alberta. 79pp.

Carpenter, J. E., A. Aldridge, and M. S. Boyce. 2010. Sage-grouse habitat selection in winter in Alberta. Journal of Wildlife Management 74:1806-1814.

Carr, H. D. 1967. Effects of sagebrush spraying on abundance, distribution and movements of Sage Grouse. M.Sc. thesis. Colorado State University, Ft. Collins, Colorado. 106pp.

Carr, H. D. 1967. Effects of sagebrush spraying on abundance, distribution and movements of Sage Grouse. Colorado Game, Fish and Parks, Job Completion Report Project W-37-R-17. 106pp.

Carr, H. D. 1968. A literature review on effects of herbicides on sage grouse. Colorado Division of Wildlife. Special Report 13. 16pp.

Carr, H. D., and F. A. Glover. 1971. Effects of sagebrush control on Sage Grouse. Transactions of the North American Wildlife and Natural Resources Conference. 35:205-215 .

Casazza, M. L., C. T. Overton, M. A. Farinha, A. Torregrosa, J. P. Fleskes, M. R. Miller, J. S. Sediger, and E. Kolada. 2009. Ecology of Greater Sage-Grouse in the Bi-State Planning Area Final Report, September 2007. U.S.G.S. Open File Report 2009-1113. 56pp.

Castle Country Adaptive Resource Management Local Working Group (CaCoARM). 2006. Castle Country Greater Sage-grouse (*Centrocercus urophasianus*) local conservation plan. Utah State University Extension, Jack H. Berryman Institute, and Utah Division of Wildlife Resources. Unpublished Report. Salt Lake City, Utah. 80pp.

Chandler, J. L. 2005. Collaborative and adaptive resource management planning for endangered species recovery: evaluation of Sage Grouse recovery planning in Alberta. M.E.D. Thesis. University of Calgary 163pp.

Chandler, J., C. C. Gates, and D. Eslinger. 2004. Collaborative decision making and adaptive management for Greater Sage-Grouse recovery in Southeastern Alberta. IN: T.D. Hooper, editor. Proceedings of the Species at Risk 2004 Pathways to Recovery Conference. March 2–6, 2004, Victoria, B.C. Species at Risk 2004 Pathways to Recovery Conference Organizing Committee, Victoria, B.C.

Chi, R. Y. 2004. Greater Sage-Grouse reproductive ecology and tebuthiuron manipulation of dense big sagebrush on Parker Mountain. M. Sc. Thesis. Utah State University. 83pp.

Chindgren, S. 2010. Helping to reduce fence strike mortalities on Greater Sage Grouse (*Centrocercus urophasianus*). The Flyer 17(4):14.

Christensen, G. C. 1969. Guidelines for sagebrush control practices in Sage Grouse habitat in Nevada. Proeceedings of the Western States Sage Grouse Workshop 6:157-164.

Christiansen, T. 2008. Hunting and Sage-Grouse: a technical review of harvest management on a species of concern in Wyoming. Wyoming Game & Fish Department. Final Report. 21pp.

Christiansen, T. 2009. Fence marking to reduce Greater Sage-Grouse (*Centrocercus urophasianus*) collisions and mortality near Farson, Wyoming – Summary of interim results. Wyoming Game and Fish Department. Unpublished Report.

3pp.

Christiansen, T. J., and C. M. Tate. 2011. Chapter eight – Parasites and infectious diseases of Greater Sage-Grouse. Pp. 113-126 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Clark, L., J. Hall, R. McLean, M. Dunbar, K. Klenk, R. Bowen, and C. A. Smeraski. 2006. Susceptibility of Greater Sage-Grouse to experimental infection with West Nile Virus. Journal of Wildlife Diseases 42:14-22.

Clarke, K. 2004. Managing America's public lands for Sage Grouse. Grouse Partnership News 5:12-13.

Clarke, L. F., H. Rahn, and M. D. Malcomb. 1942. Sage Grouse studies. Part II. Seasonal and sexual dimorphism variations in the so-called "air sacs" region of the Sage Grouse. Wyoming Game and Fish Department Bulletin 2:13-27.

Clements, J. 1963. Running afowl in the sage. Western Tanager 29:97-98. (Sage Grouse).

Coates, P. S. 2007. Greater Sage Grouse (*Centrocerus urophasianus*) nest predation and incubation behavior. Ph. D. Dissertation. Idaho State University. 181pp.

Coates, P. S., J. W. Connelly, and D. J. Delehanty. 2008. Predators of Greater Sage-Grouse nests identified by video monitoring. Journal of Field Ornithology 79:421-428.

Coates, P. S., and D. J. Delehanty. 2004. The effects of raven removal on Sage Grouse nest success. Proc. Vertebrate Pest Conference 21:17-20.

Coates, P. S., and D. J. Delehanty. 2008. Effects of environmental factors on incubation patterns of Greater Sage-Grouse. Condor 110:627-638.

Coates, P. S., and D. J. Delehanty. 2010. Nest predation of Greater Sage-Grouse in relation to microhabitat factors and predators. Journal of Wildlife Management 74:240-248.

Coates, P. S., J. O. Spencer, Jr., and D. J. Delehanty. 2007. Efficacy of CPTH-treated egg baits for removing ravens. Human-Wildlife Conflicts 1:224-234.

Coggins, K. A. 1998. Relationship between habitat changes and productivity of Sage Grouse at Hart Mountain National Antelope Refuge, OR. M. Sc, Thesis. Oregon State University.

Coggins, K. A., and J. A. Crawford. 1996. Population status and habitat use of Sage Grouse in Oregon. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Colenso-Postovit, B. 1981. Suggestions for Sage Grouse habitat reclamation on surface mines in northeastern Wyoming. M. Sc. Thesis. University of Wyoming.

Collins, C. P., and T. D. Reynolds. 2006. Greater Sage-Grouse lek surveys and lek counts on Cotterel Mountain, 2006 Results. Ribgy, ID: TREC, Inc.

Colorado Greater Sage-Grouse Steering Committee. 2008. Colorado Greater Sage-Grouse conservation plan. Colorado Division of Wildlife, Denver, Colorado. 500pp.

Commons, M. L. 1997. Movement and habitat use by Gunnison Sage Grouse (*Centrocercus minimus*) in southwestern Colorado. M. Sc. Thesis. University of Manitoba.

Commons, M. L., R. K. Baydack, and C. E. Braun. 1996. Movements and habitat use by Gunnison's Sage Grouse in southwestern Colorado. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Commons, M. L., R. K. Baydack, and C. E. Braun. 1997. Gunnison Sage Grouse *Centrocercus minimus* use of fragmented habitats in southwestern Colorado. Wildlife Biology 3:283. Abstract only.

Commons, M. L., R. K. Baydack, and C. E. Braun. 1999. Sage grouse response to pinyon-juniper management. Pages 238-239 *in* S. B. Monsen and R. Stevens, editors. Proceedings: ecology and management of pinyon-juniper communities. RMRS-P9. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fort Collins, Colorado.

Comstock, B., and J. Sedinger. 2003. Dynamics of Sage Grouse (*Centrocercus urophasianus*) populations in reponse to transmission lines in central Nevada. Progress Report: Year 1. 18pp.

Connelly, J. W. 1982. An ecological study of Sage Grouse in southeastern Idaho. Ph. D. Dissertation. Washington State University.

Connelly, J. W. 1988. Sage Grouse ecology, project W-160-R-15: job progress report, July 1, 1987 to June 30, 1988. Idaho Department of Fish and Game. 51pp.

Connelly, J. W. 1991. Seventeenth Western States Sage and Columbian Sharp-tailed Grouse Workshop: transactions : 24-26 July, 1991. Western Association of Fish and Game Agencies. 40pp.

Connelly, J. 1997. Prairie grouse translocations in North America: A viable management alternative? Grouse News 14:7-11.

Connelly, J. 2005. Challenging dogma – changing pardigms: Sage-grouse harvest management in the United States. Grouse News 29:7-11.

Connelly, J. W., A. D. Apa, R. B. Smith, and K. P. Reese. 2000. Effects pf predation and hunting on adult Sage Grouse *Centrocercus urophasianus* in Idaho. Wildlife Biology 6:227-232.

Connelly, J. W., W. J. Arthur, and O. D. Markham. 1981. Sage Grouse leks on recently disturbed sites. Journal of Range Management 34:153-154.

Connelly, J. W., and L. J. Blus. 1991. Effects of pesticides on upland game: a review of herbicides and organophosphate and carbamate insecticides. Pages 92-97 *in* M. Marsh, editor. Proceeding: pesticides in natural systems - how can their effects be monitored? U.S. Environmental Protection Agency, Seattle, Washington.

Connelly, J. W., and C .E. Braun. 1997. Long-term changes in Sage Grouse *Centrocercus urophasiamus* populations in western North America. Wildlife Biology 3:229-234.

Connelly, J. W., and C. E. Braun. 2007. In our opinion: Measuring success of sage-grouse conservation plans. Grouse News 33:4-6.

Connelly, J. W., C. E. Braun, M. A. Schroeder, and C. A. Hagen. 2007. Setting the record straight: A response to "Sage-Grouse at the crossroads". Rangelands 29(6):35-39.

Connelly, J. W., H. W. Browers, and R.J. Gates. 1988. Seasonal movements of Sage Grouse in southeastern Idaho. Journal of Wildlife Management 52:116-122

Connelly, J. W., M. L. Commons-Kemner, J. L. Beck, K. P. Reese, E. O. Garton, N. A. Burkepile, and M. B. Lucia. 2006. Sage-Grouse ecology – Study I: Greater Sage-Grouse habitat and population trends in southern Idaho; Study II: mortality patterns of juvenile Greater Sage Grouse. Idaho Department of Fish and Game Project W-160-R-33, subproject 53. Completion Report. 57pp.

Connelly, J. W., and L. A. Doughty. 1990. Sage Grouse use of wildlife water developments in southeastern Idaho. Pages 167-173 *in* G. K. Tsukamoto, editor. Proceedings of the Wildlife Water Development Symposium.

Connelly, J. W., and R. A. Fischer. 1992. Sage Grouse ecology, project no. W-160-R-19: job progress report, July 1, 1991 to June 30, 1992. Idaho Department of Fish and Game. 16pp.

Connelly, J. W., R. A. Fischer, A. D. Apa, K. P. Reese, and W. L. Wakkinen. 1993. Renesting by Sage Grouse in southeastern Idaho. Condor 95:1041-1043

Connelly, J. W., R. A. Fischer, W. L. Wakkinen, and M. D. Robertson. 1991. Sage Grouse ecology, project no. W-160-R-18: job progress report, July 1, 1990 to June 30, 1991. Idaho Department of Fish and Game.

Connelly, J. W., C. A. Hagen, and M. A. Schroeder. 2011. Chapter three – Characteristics and dynamics of Greater Sage-Grouse populations. Pp. 53-67 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Connelly, J. W., and L. Haggas. 1986. Sage Grouse ecology, project W-160-R-13: job progress report, July 1, 1985 to June 30, 1986. Idaho Department of Fish and Game. 23pp.

Connelly, J. W., S. T. Knick, C. E. Braun, W. L. Baker, E. A. Beever, T. Christiansen, K. E. Doherty, E. O. Garton, E. S. Hanser, D. H. Johnson, M. Leu, R. F. Miller, D. E. Naugle, S. J. Oyler-McCance, D. A. Pyke, K. P. Reese, M. A. Scroeder, S. J. Stiver, B. L. Walker, and M. J. Wisdom. 2011. Chapter twenty-four – Conservation of Greater Sage-Grouse – a synthesis of current trends and future management. Pp. 549-563 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Connelly, J. W., S. T. Knick, M. A. Schroeder, and S. J. Stiver. 2004. Conservation assessment of Greater Sage-Grouse and sagebrush habitats. Proceedings of the Western Association of Fish and Wildlife Agencies. Cheyenne, Wyoming, 610pp.

Connelly, J. W., and O. D. Markham. 1983. Movements and radionucliotide concentrations of Sage Grouse in southeastern Idaho. Journal of Wildlife Management 47:169-177.

Connelly, J. W., and D. D. Musil. 2007. Upland game bird ecology: July 1, 2006 to June 30, 2007. Study I, Greater Sage-Grouse (*Centrocercus urophasianus*) habitat and population trends in southern Idaho. Project W-160-R-34; progress report. Idaho Department of Fish and Game. 35pp.

Connelly, J. W., K. P. Reese, R. A. Fischer, and W. L. Wakkinen. 2000. Response of a Sage Grouse breeding population to fire in southeastern Idaho. Wildlife Society Bulletin 28:90-96.

Connelly, J. W., K. P. Reese, E. O. Garton, and M. L. Commons-Kemner. 2003.

Response of Greater Sage-Grouse *Centrocercus urophasianus* populations to different levels of exploitation in Idaho, USA. Wildlife Biology 9:255-260

Connelly, J.W., K. P. Reese, and M. A. Schroeder. 2003. Monitoring of Greater Sage-Grouse habitats and populations. University of Idaho, College of Natural Resources Experimental Station, Station Bulletin 80.

Connelly, J. W., K. P. Reese, W. L. Wakkinen, M. D. Robertson, and R. A. Fischer. 1994. Sage Grouse ecology. Study I: Sage Grouse response to a controlled burn. P-R Project W-160-R-21. Idaho Departmentof Fish and Game, Boise, ID. 90 pp.

Connelly, J. W., E. T. Rinkes, and C. E. Braun. 2011. Chapter four – Characteristics of Greater Sage-Grouse habitats. Pp. 69-83 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Connelly, J. W., and M. D. Robertson. 1994. Sage Grouse ecology. Study I, Sage Grouse response to a controlled burn: completion report : July 1, 1992 to June 30, 1994. Idaho Department of Game and Fish. W-160-R-21. 90pp.

Connelly, J. W., M. A. Schroeder, A. R. Sands, and C. E. Braun. 2000. Guidelines to manage Sage Grouse populations and their habitats. Wildlife Society Bulletin 28:967-985.

Connelly, J. W., and S. J. Stiver. 2004. Greater Sage-Grouse conservation. Part II: A history lesson and roadmap to the future. Grouse Partnership News 5:8-11.

Connelly, J. W., W. L. Wakkinen, A. D. Apa, and K. P. Reese. 1991. Sage Grouse use of nest sites in southeastern Idaho. Jounral of Wildlife Management 55:521-524.

Connelly, J. W., W. L. Wakkinen, D. D. Musil, and M. D. Robertson. 1990. Sage Grouse ecology: July 1, 1988 to June 30, 1989. Idaho Department of Fish and Game. 139pp.

Connelly, J. W., W. L. Wakkinen, M. D. Robertson, and R. Fischer. 1990. Sage Grouse ecology, project no. W-160-R-17: job progress report, July 1, 1989 to June 30, 1990. Idaho Department of Fish and Game. 56pp.

Conover, M. R., J. S. Borgo, R. E. Dritz, J. B. Dinkins, and D. K. Dahlgren. 2010. Greater Sage-Grouse select nest sites to avoid visual predators but not olfactory predators. Condor 112:331-336.

Copeland, H. E., K, E. Doherty, D. E. Naugle, A. Pocewicz, and J. M. Kiesecker. 2009. Mapping oil and gas development potential in the US Intermountain West

and estimating impacts to species. PLoS ONE 4(10):1-7. (Greater Sage-Grouse).

Cornish, T. E., W. E. Cook, T. E. Creekmore, E. S. Williams, D. E. Naugle, B. L. Walker, C. L. Aldridge, T. K. Bollinger, M. J. Pybus, and T. J. Christiansen. 2004. Fatal West Nile Virus infection in free-ranging Greater Sage-Grouse (*Centrocercus urophasianus*) in Wyoming, Montana, and Alberta. PP. 445-446 in Proceedings of the 2004 American Association of Zoo Veterinarians conference.

COSEWIC. 2000. COSEWIC assessment and status report on the Greater Sage-Grouse *Centrocercus urophasianus urophasianus* and *Centrocercus urophasianus phaios* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. 34 pp.

COSEWIC. 2008. COSEWIC assessment and update status report on the Greater Sage-Grouse *Centrocercus urophasianus, phaios* subspecies and *urophasianus* subspecies, *Centrocercus urophasianus urophasianus,* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa 38 pp. (available on-line at: www.sararegistry.gc.ca/status/status_e.cfm).

Courtwright, G. W. 1916. Courting of the sage hen. California Fish and Game 2:163.

Cram, D., and R. L. Patterson. 1949. The status of the Sage Grouse in the west. Proceedings Western Association States Game and Fish Commissions 29:148-152.

Crawford, J. A. 1982. Factors affecting Sage Grouse harvest in Oregon. Wildlife Society Bulletin 10:344-347.

Crawford, J. A. 1982. History of Sage Grouse in Oregon. Oregon Wildlife 37:3-6.

Crawford, J. A. 1997. Importance of herbaceous vegetation to female Sage Grouse *Centrocercus urophasianus* during the reproductive period: a synthesis of research from Oregon, USA. Wildlife Biology 3:271. Abstract only.

Crawford, J. A., and D. M. Davis. 2002. Habitat use by Greater Sage-grouse on Sheldon National Wildlife Refuge. Final report submitted to the U.S.F.W.S. Game Bird Research Program, Oregon State University, Corvallis, Oregon. 119 pages.

Crawford, J. A., and A. K. Delong. 1993. Relationships between vegetative structure and predation rates of artificial sage grouse nests. Final report submitted to BLM. Oregon State University, Corvallis , OR.

Crawford, J. A., and M. A. Gregg. 2001. Survival of Sage Grouse chicks in the northern Great Basin. 2000 Annual Report. 20pp.

Crawford, J. A., M. A. Gregg, M. S. Drut, and A. K. DeLong. 1992. Habitat use by female Sage Grouse during the breeding season in Oregon. Final report, BLM Cooperative Research Unit, Oregon State University, Corvallis.

Crawford, J. A., and R. S. Lutz. 1985. Sage Grouse population trends in Oregon, 1941-1983. Murrelet 66:69-74.

Crawford, J. A., R. A. Olson, N. E. West, J. C. Moseley, M. A. Schroeder, T. D. Whitson, R. F. Miller, M. A. Gregg, and C. S. Boyd. 2004. Ecology and management of Sage-Grouse and Sage-Grouse habitat. Journal of Range Management 57:2-19.

Crawford, J. E. Jr. 1958. Sage Grouse on the Redroad. Idaho Wildlife Review 10(5):10-11.

Crawford, J. E., 1960. The movements, productivity, and management of Sage Grouse in Clark and Fremont counties, Idaho. M. Sc. Thesis. University of Idaho, Moscow. 85pp.

Crowley, C., and J. W. Connelly. 1996. Sage Grouse population and habitat trends in southeastern Idaho and southwestern Montana. Idaho Department of Game and Fish. 205pp.

Crunden, C. W. 1963. Age and sex of Sage Grouse from wings. Journal of Wildlife Management 27:846-849.

Dahlgren, D. K. 2006. Greater Sage-Grouse reproductive ecology and response to experimental management of mountain big sagebrush on Parker Mountain, Utah. M. Sc. Thesis. Utah State University.

Dahlgren, D. K. 2009. Greater Sage-Grouse ecology, chick survival, and population dynamics, Parker Mountain, Utah. Ph. D. Dissertation. Utah State University. 135pp.

Dahlgren, D. K. 2010. Greater Sage-Grouse ecology, chick survival, and population dynamics, Parker Mountain, Utah. Ph. D. Dissertation. Utah State University. Grouse News 39:28. (Abstract only).

Dahlgren, D. K., R. Chi, and T. A. Messmer. 2006. Greater Sage-Grouse response to sagebrush management in Utah. Wildlife Society Bulletin 34:975-985.

Dahlgren, D. K., M. Guttery, M. Monsen, T. Messmer, and V. Bagley. 2007. Parker Mountain Adaptive Resource Management Group (PARM) 2006 annual report. 20pp.

Dahlgren, D. K., T. A. Messmer, and D. N. Koons. 2010. Achieving better estimates

of Greater Sage-Grouse chick survival in Utah. Journal of Wildlife Management 74:1286-1294.

Dahlgren, D. K., T. A. Messmer, E. T. Thacker, and M. R. Guttery. 2010. Evaluation of brood detection techniques: recommendations for estimating Greater Sage-Grouse productivity. Western North American Naturalist 70:233-237.

Dailey, R. N., M. F. Raisbeck, R. S. Siemion, and T. E. Cornish. 2008. Liver metal concentrations in Greater Sage-Grouse (*Centrocercus urophasianus*). Journal of Wildlife Diseases 44:494-498.

Dalke, P. D., D. B. Pyrah, D. C. Stanton, J. E. Crawford, and E. F. Schlatterer. 1960. Seasonal movements and breeding behavior of Sage Grouse in Idaho. Transactions of the North American Wildlife Conference 25:396-407.

Dalke, P. D., D. B. Pyrah, D. C. Stanton, J. E. Crawford, and E. F. Schlatterer. 1963. Ecology, productivity, and management of Sage Grouse in Idaho. Journal of Wildlife Management 27:811-841.

Dantzker, M. S., G. B. Deane, and J. W. Bradbury. 1999. Directional acoustic radiation in the strut display of male Sage Grouse *Centrocercus urophasinanus*. Journal of Experimental Biology 202:2893-2909.

Danvir, R. F. 2002. Sage-Grouse ecology and management in northern Utah sagebrush-steppe. Deseret Land and Livestock Research Report.

Dargan, L. M., R. J. Keller, H. R. Shepherd, and R. N. Randall. 1942. Survey of 1941-21: food studies, parasite relations, habitat requirements, including preliminary data on Sharp-tailed Grouse in Moffat and Routt Counties. Colorado Game and Fish Commission, Sage Grouse Survey 4. 10pp.

Davis, D. M. 2002. Breeding season habitat use and response to management activities by Greater Sage-Grouse on Sheldon National Wildlife Refuge, Nevada. M. Sc. Thesis. Oregon State Univ.

Dawson, W. L. 1896. Notes on the birds of Okaogan Co., Washington. Wilson Bulletin 8(5):1-4.

Deibert, P. A. 1995. Effect of parasites on Sage Grouse (*Centrocercus urophasianus*) mate selection. Ph. D. Dissertation. University of Wyoming.

Deibert, P. A., and M. S. Boyce. 1996. Effect of parasites on Sage Grouse mate selection. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Deibert, P. A., and M. S. Boyce. 1997. Heritable resistance to malaria and the evolution of lek behaviour in Sage Grouse *Centrocercus urophasianus*. Wildlife Biology 3:284. Abstract only.

Delaney, K. S. 2003. Evolution and behavior of Island Scrub-Jays (*Aphelocoma insularis*), Western Scrub-Jays (*Aphelocoma californica*) and Sage Grouse (*Centrocercus urophasianus*). Ph. D. Dissertation. University of California. Los Angeles. 142pp.

Delong, A. 1993. Relationships between vegetative structure and predation of artificial Sage Grouse nests. M. Sc. Thesis. Oregon State University.

DeLong, A. K., J. A. Crawford, and D. C. DeLong, Jr. 1995. Relationships between vegetational structure and predation of artificial Sage Grouse nests. Journal of Wildlife Management 59:88-92.

Dickerson, D. 2002. Sage Grouse…going…going…gone? Alberta Naturalist 32:105-106.

Dingman, J. D. 1980. Characteristics of Sage Grouse leks, North Park, Colorado. M. Sc. Thesis. University of Denver, Denver, Colorado.

Dobkin, D. S. 1995. Management and conservation of Sage Grouse, denominative species for the ecological health of shrubsteppe ecosystems. U.S.D.I., B.L.M. 26pp.

Doherty, K. E. 2008. Sage-Grouse and energy development: integrating science with conservation planning to reduce impacts. Ph.D. Dissertation. University of Montana, Missoula. 138pp.

Doherty, K. E. 2010. Sage-Grouse and energy development: integrating science with conservation planning to reduce impacts. Ph.D. Dissertation. University of Montana, Missoula. Grouse News 39:28. (Abstract only).

Doherty, K. E., D. E. Naugle, H. E. Copeland, A. Pocewicz, and J. M. Kiesecker. 2011. Chapter twenty-one – Energy development and conservation tradeoffs – systematic planning for Greater Sage-Grouse in their eastern range. Pp. 505-516 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Doherty, K. E., D. E. Naugle, and J. S. Evans. 2010. A currency for offsetting energy development impacts: horse-trading Sage-Grouse on the open market. PLoS ONE 5(4): e10339. doi:10.1371/journal.pone.0010339

Doherty, K. E., D. E. Naugle, and B. L. Walker. 2010. Greater Sage-Grouse nesting

habitat: the importance of managing at multiple scales. Journal of Wildlife Management 74:1544-1553.

Doherty, K. E., D. E. Naugle, B. L. Walker, and J. M. Graham. 2008. Greater Sage-Grouse winter habitat selection and energy development. Journal of Wildlife Management 72:187-195.

Doherty, K. E., J. D. Tack, J. S. Evans, and D. E. Naugle. 2010. Mapping breeding densities of Greater Sage-Grouse: A tool for range-wide conservation planning. Bureau of Land Management Completion Report: Interagency Agreement # L10PG00911. 31pp.

Downard, R. 2006. The effects of energy development on sage grouse in the western United States. Honors Senior Thesis. Weber State University, Ogden, UT. 16pp.

Drut, M. 1992. Habitat use and selection by Sage Grouse broods in southeastern Oregon. M. Sc. Thesis

Drut, M. S. 1994. Status of Sage Grouse with emphasis on populations in Oregon and Washington. Audubon Society of Portland, Oregon. 43pp.

Drut, M. S., J. A. Crawford, and M. A. Gregg. 1994. Brood habitat use by Sage Grouse in Oregon. Great Basin Naturalist 54:170-176.

Drut, M. S., W. H. Pyle, and J. A. Crawford. 1994. Technical Note: Diets and food selection of Sage Grouse chicks in Oregon. Journal of Range Management 47:90-93.

Dube, L. A. 1993. Provincial Sage Grouse population trend counts April - May, 1991. Alberta Forestry, Lands and Wildlife, Fish and Wildlife Division. 21pp.

DuBose, R. T. 1965. Pox in the Sage Grouse. Bulletin of the Wildlife Disease Association 1:6.

Dunbar, M. R., M. A. Gregg, J. A. Crawford, M. R. Giordano, and S. J. Tornquist. 2005. Normal hematological and biochemical values for prelaying Greater Sage-Grouse (*Centrocercus urophasianus*) and their influence on chick survival. Journal of Zoo and Wildlife Medicine. 36:422-429.

Dunbar, M. R., S. Tornquist, and M. R. Giordano. 2003. Blood parasites in Sage-Grouse from Nevada and Oregon. Journal of Wildlife Diseases 39:203-208.

Duncan, M. B. 2010. Sage-Grouse and coal-bed methane: can they coexist within the Powder River Basin? Journal of Natural Resources and Life Sciences Education 39:53-62.

Dunn, P. O. 1984. Dispersal and recruitment of juvenile Sage Grouse. M. Sc. thesis. Colorado State University, Ft. Collins, Colorado. 46 pages.

Dunn, P. O., and C. E. Braun. 1985. Natal dispersal and lek fidelity of Sage Grouse. Auk 102:621-627.

Dunn, P. O., and C. E. Braun. 1986. Summer habitat use by adult female and juvenile Sage Grouse. Journal of Wildlife Management 50:170-176.

Dunn, P. O., and C. E. Braun. 1986. Late summer-spring movements of juvenile Sage Grouse. Wilson Bulletin 98:83-92.

Dusek, G. L., C. D. Eustace, and J. G. Peterson. 2002. The ecology and status of Sage Grouse in Montana. Intermountain Journal of Science 8:67-81.

Dyer, K. J. 2006. Health and nutritional assessment of Greater Sage Grouse using physiological parameters through a cycle of seasonal habitats in northern Nevada. M. Sc. Thesis. University of Nevada, Reno. 100pp.

Dyer, K. J., B. L. Perryman, and D. W, Holcombe. 2009. Fitness and nutritional assessment of Greater Sage-Grouse (*Centrocercus urophasianus*) using hematologic and serum chemistry parameters through a cycle of seasonal habitats in northern Nevada. Journal of Zoo and Wildlife Medicine 40:18-28.

Dyer, K. J., B. L. Perryman, and D. W, Holcombe. 2010. Site and age class variation of hematological parameters for female Greater Sage-Grouse (*Centrocercus urophasianus*) of northern Nevada. Journal of Wildlife Diseases 46:1-12.

Edelmann, F. B. 1998. Assessing habitat quality using population fitness parameters: a remote sensing/GIS-based habitat-explicit population model for Sage Grouse (*Centrocercus urophasianus*). Idaho Forest, Wildlife and Range Experiment Station, Technical Report no. 25. 32pp.

Edelmann, F. B., M. J. Wisdom, K. P. Reese, and J. W. Connelly. 1996. Contribution of Sage Grouse life stages to population growth. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O. O. Oedkoven, editor.

Ellis, K. L. 1984. Behavior of lekking Sage Grouse in response to a perching Golden Eagle. Western Birds 15:37-38.

Ellis, K. L. 1985. Distribution and habitat selection of breeding male Sage Grouse in northeastern Utah. M. Sc. Thesis. Brigham Young University.

Ellis, K. L. 1985. Effects of a new transmission line on distribution and aerial predation of breeding male Sage Grouse. Final Report for Deseret Generation and Transmission Cooperative, and Bureau of Land Management. BLM Final Report

IV-H-10.

Ellis, K. L., J. R. Murphy, and G. H. Richins. 1987. Distribution of breeding male Sage Grouse in northeastern Utah. Western Birds 18:117-121.

Ellis, K. L., J. R. Parish, J. R. Murphy, and G. H. Richins. 1989. Habitat use by breeding male Sage Grouse: A management approach. Great Basin Naturalist. 49:404-407.

Emmons, S. R. 1980. Lek attendance of male Sage Grouse in North Park, Colorado. M.S. thesis. Colorado State University, Fort Collins, Colorado.

Emmons, S. R., and C. E. Braun. 1984. Lek attendance of male Sage Grouse. Journal of Wildlife Management 48:1023-1028.

Emmons, S. R., and B. E. Petersen. 1979. Telemetry investigation of Sage Grouse in North Park, Colorado. Pages 215-218 *in* Proceedings of the International Conference of Wildlife Biotelemetry.

Eng, R. L. 1953. Sage Grouse strutting ground counts. Montana Fish and Game Department, Job Progress Report, Project W-38-R-5. 9pp.

Eng, R. L. 1954. Use of aerial coverage in Sage Grouse strutting ground counts. Proceedings of the annual conference of the Western Association of State Game and Fish Commissioners 34:231-233.

Eng, R. L. 1955. Sage Grouse production and movement study. Montana Fish and Game Department, Job Progress Report, Project W-74-R-1. 12pp.

Eng, R. L. 1955. A method for obtaining Sage Grouse age and sex ratios from wings. Journal of Wildlife Management 19:267-272.

Eng, R. L. 1961. Sage grouse-spring strutting activity. Naturalist 2(2):15-20.

Eng, R. L. 1963. Observations on the breeding biology of male Sage Grouse. Journal of Wildlife Management 27: 841-846.

Eng, R. L. 1971. Two hybrid Sage Grouse x Sharp-tailed Grouse from central Montana. Condor 73:491-493

Eng, R. L., E. J. Pitcher, S. J. Scott, and R. J. Greene. 1979. Minimizing the effect of surface coal mining on a Sage Grouse population by a directed shift of breeding activities. Pages 464-468 *in* G. A. Swanson, editor. Gen. Tech. Rep. RM-65. From: The Mitigation Symposium: A National Workshop on Mitigation Losses of Fish and Wildlife Habitat. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, Colorado.

Eng, R. L. and P. Schladweiler. 1972. Sage Grouse winter movements and habitat use in central Montana. Journal of Wildlife Management 36:141-146.

Environmental Defense Fund. 2009. An inexpensive opportunity to reduce the hazard to Greater Sage Grouse and Lesser Prairie Chickens from fencing. 12pp.

Enyeart, G. W. 1956. Responses of Sage Grouse to grass reseeding in the Pines Area, Garfield County, Utah. M. Sc. Thesis. Utah State University, Logan. 55pp.

Ersch, E. A. 2009. Effects of plant community characteristics on insect abundance: implications for Sage-Grouse brood-rearing habitat. M. Sc. Thesis. Oregon State University. 109pp.

Eslinger, D. 2005. Alberta Greater Sage-Grouse recovery plan. Alberta species at risk recovery plan No. 8, Publication No. I/231, Alberta Sustainable Resource Development. 33pp.

Essen, M. A. 2010. Ruffled Feathers: Shared narratives in the sage-grouse management conflict in Sublette County, Wyoming. M. Sc. Thesis. University of Montana, Missoula.

Eustace, C. D. 1996. Sage grouse population status, its management and future for the western United States with emphasis on Montana. Provential Museum of Alberta Natural History Occassional Paper 23:297-302.

Eustace, C. D. 2002. Sage Grouse hatching success and chronology for south-central Montana. Intermountain Journal of Science 8:82-93.

Evans, C. C. 1986. The relationship of cattle grazing to Sage Grouse use of meadow habitat on the Sheldon National Wildlife Refuge. M. Sc. Thesis. University of Nevada, Reno.

Evers, L. 2010. Modeling Sage-Grouse habitat using a state-and-transition model. Ph. D. Dissertation, Oregon State University. 168pp.

Fedy, B. C., and K. E. Doherty. 2011. Population cycles are highly correlated over long time series and large spatial scales in two unrelated species: Greater Sage-Grouse and cottontail rabbits. Oecologia 165:915-924.

Finley, W. L., and I. Finley. 1924. Can the antelope and Sage Grouse be saved? Nature Magazine 3:68-72.

Fischer, R. A. 1994. The effects of prescribed fire on the ecology of migratory Sage Grouse in southwestern Idaho (*Centrocercus urophasianus*). Ph. D. Dissertation. University of Idaho.

Fischer, R. A., A. D. Apa, W. L. Wakkinen, and K. P. Reese. 1993. Nesting-area fidelity of Sage Grouse in southeastern Idaho. Condor 95:1038-1041

Fischer, R. A., and J. W. Connelly. 1993. Sage Grouse ecology, project no. W-160-R-20, job progress report, study I, Sage Grouse response to a controlled burn: July 1, 1992 to June 30, 1993. Idaho Department of Fish andGame. 49pp.

Fischer, R. A., K. P. Reese, and J. W. Connelly. 1996. Influence of vegetal moisture content and nest fate on timing of female Sage Grouse migration. Condor 98:868-872.

Fischer, R. A., K. P. Reese, and J. W. Connelly. 1996. An investigation on the fire effects within xeric Sage Grouse habitat. Journal of Range Management 49:194-198.

Fischer, R. A., W. L. Wakkinen, K. P. Reese, and J. W. Connelly. 1997. Effects of prescribed fire on movements of female Sage Grouse from breeding to summer ranges. Wilson Bulletin 109:82-91

Flake, L. D., J. W. Connelly, T. R. Kirschenmann, and A. J. Lindbloom. 2010. Grouse of the plains and mountains – the South Dakota story. South Dakota Department of Game Fish, and Parks. Pierre, SD. 246 pp. (Greater Sage-Grouse, Greater Prairie-Chicken, Sharp-tailed Grouse, Ruffed Grouse).

Fletcher, Q. E., C. W. Dockrill, D. J. Saher, and C. L. Aldridge. 2003. Northern Harrier, *Circus cyaneus*, attacks on Greater Sage-Grouse, *Centrocercus urophasianus*, in southern Alberta. Canadian Field Naturalist 117:479-480.

Flinders, T. J. 1999. Restoration of sage grouse in Strawberry Valley, Utah 1998-99 report: report to Utah Reclamation and Conservation Commission. 13pp.

France, K. A. 2005. Interspace/under-canopy foraging patterns of beef cattle in sagebrush communities : implications to Sage-grouse nesting habitat. M. Sc. Thesis. Oregon State University.

Freemuth, J. C. 2011. Foreword – Thoughts on the role of science in making public policy. Pp. xiii-xvii *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Freese, M. T. 2009. Linking Greater Sage-Grouse habitat use and suitability across spatiotemporal scales in central Oregon. M. Sc. Thesis. Oregon State University. 123pp.

Frey, S. N., S. G. Lupis, K. Heaton, T. A. Black, T. A. Messmer, and D. Mitchell. 2006.

Color Country Greater Sage-grouse (*Centrocercus urophasianus*) local conservation plan. Utah's Community Based Conservation Program. Unpublished Report. Logan, Utah. 79pp.

Friesz, R. 1989. A study of Sage Grouse lek survey techniques in Douglas County, Washington. Washington Department of Widlife. 11pp.

Garber, C. S., B. D. Mutch, and S. Platt. 1993. Observations of wintering Gyrfalcons (*Falco rusticolus*) hunting Sage Grouse (*Centrocercus urophasianus*) in Wyoming and Montana, USA. Journal of Raptor Research 27:169-171.

Garton, E. O. 2005. Evaluating range-wide population changes of Greater Sage-Grouse in North America. P. 130 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005. Abstract only.

Garton, E. O., J. W. Connelly, J. S. Horne, C. A. Hagen, A. Moser, and M. A. Schroeder. 2011. Chapter fifteen – Greater Sage-Grouse population dynamics and probability of persistence. Pp. 293-381 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Garton, E. O., D. D. Musil, K. P. Reese, J. W. Connelly, and C. L. Anderson. 2007. Sentinel lek-routes: an integrated sampling approach to estimate Greater Sage-Grouse population characteristics. Pp. 31-42 IN K. P. Reese and R. T. Bowyer (Eds.) 2007. Monitoring populations of sage-grouse. Idaho State University College of Natrual Resources Experiment Station Bulletin 88.

Gates, R. J. 1983. Sage Grouse, lagomorph, and pronghorn use of a sagebrush grassland burn site on the Idaho National Engineering Laboratory. M. Sc. Thesis. Montana State University.

Gates, R. J. 1985. Observations on the formation of a Sage Grouse lek. Wilson Bulletin 97:219-221

Gibson, R. M. 1989. Field playback of male display attracts females in lek breeding Sage Grouse. Behavioral Ecology and Sociobiology 24:439-443.

Gibson, R. M. 1990. Relationships between blood parasites, mating success, and phenotypic cues in male Sage Grouse *Centrocercus urophasianus*. American Zoologist 30:271-278.

Gibson, R. M. 1992. Lek formation in Sage Grouse: the effect of female choice on male territory settlement. Animal Behavior 43:443-450.

Gibson, R. M. 1996. A re-evaluation of hotsot settlement in lekking Sage Grouse.

Animal Behavior 52:993-1005.

Gibson, R. M. 1996. Female choice in Sage Grouse: the roles of attraction and active comparison. Behavioral Ecology and Sociobiology 39:55-59.

Gibson, R. M., and G. C. Bachman. 1992. The costs of female choice in a lekking bird. Behavioral Ecology. 3:300-309.

Gibson, R. M., and J. W. Bradbury. 1985. Sexual selection in lekking Sage Grouse: phenotypic correlates of male mating success. Behavioral Ecology and Sociobiology 18: 117-123.

Gibson, R. M., and J. W. Bradbury. 1986. Male and female mating strategies on Sage Grouse leks. Pages 379-398 *in* D. I. Rubenstein and R. W. Wrangham, editors. Ecological aspects of social evolution - birds and mammals.

Gibson, R. M., and J. W. Bradbury. 1987. Lek organization in Sage Grouse: variations on a territorial theme. Auk 104:77-84.

Gibson, R. M., J. W. Bradbury, and S. L. Vehrencamp. 1991. Mate choice in lekking Sage Grouse revisited: the roles of vocal display, female site fidelity and copying. Behavioral Ecology 2:165-180.

Gibson, R. M., D. Pires, K. S. Delaney, and R. K. Wayne. 2005. Microsatellite DNA analysis shows that Greater Sage Grouse leks are not kin groups. Molecular Ecology 14:4453-4459.

Giesen, K. M. 1995. Upland bird research: Evaluation of livestock grazing and residual herbaceous cover on Sage Grouse nest success. Colorado Division of Wildlife Job Completion Report. 16pp.

Giesen, K. M., T. J. Schoenberg, and C. E. Braun. 1982. Methods for trapping Sage Grouse in Colorado. Wildlife Society Bulletin 10:224-231.

Giesen, K. M., M. A. Schroeder, W. D. Snyder, and S. M. Joy. 1991. Wildlife research report: avian research, upland birds: federal aid projects. Colorado Division of Wildlife. 330 pp. (Greater Sage Grouse, Greater Prairie-Chicken, Lesser Prairie-Chicken, White-tailed Ptarmigan).

Giezentanner, K. I., and W. H. Clark. 1973. The use of western harvester ant mounds as strutting locations by Sage Grouse. Condor 75:218-219

Gill, R. B. 1965. Distribution and abundance of a population of Sage Grouse in North Park, Colorado. M. Sc. Thesis. Colorado State University, Ft. Collins. 187pp.

Gill, R. B. 1965. Game bird surveys: Effects of sagebrush control on distribution and abundance of Sage Grouse. Colorado Division of Wildlife. 203 pages.

Gill, R. B. 1966. A literature review on the Sage Grouse. Colorado Department of Game, Fish and Parks and Colorado Cooperative Wildlife Research Unit. Report No. 6.

Gill, R. B. 1966. Weather and Sage Grouse productivity. Game Information Leaflet No. 37. Colorado Division of Wildlife 4pp.

Gill, R. B. 1967. Sex, age determination of Sage Grouse from plumage characteristics. Game Information Leflet No. 49. Colorado Division of Wildlife 4pp.

Gill, R. B., and F. A. Glover. 1965. Daily and seasonal movements of Sage Grouse. Technical Paper 3. Colorado Cooperative Wildlife Research Unit. 6pp.

Gill, R. E. 1996. Strategies for retaining Conservation Reserve Program acreage in southeast Idaho. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Gillan, J. K., and E. K. Strand. 2010. Sage-grouse habitat in Idaho: a practical guide for land owners and managers. Contribution Number 1048 of the Idaho Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow. 66pp.

Girard, G. L. 1935. Life history, habits, and food of the Sage Grouse, *Centrocercus urophasianus*. M. A. thesis. University of Wyoming, Laramie. 153pp.

Girard, G. L. 1936. Old Tom, the sage cock, issues and a challenge to action. Outdoor America 1(11):4-5,9.

Girard, G. L. 1937. Life history, habits, and food of the Sage Grouse. University of Wyoming Publications in Science 3:1-56

Girard, G. L. 1938. Sage Grouse and the states's conservation program. University of Idaho Bulletin 33(22):66-67.

Goodrich, S. 2005. Classification and capabilities of woody sagebrush communities of western North America with emphasis on Sage-Grouse habitat. Pp. 17-37 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Gray, G. M. 1967. An ecological study of Sage Grouse broods with reference to nesting, movements, food habits, and sagebrush strip-spraying in the Medicine Lodge Drainage, Clark County, Idaho. M. Sc. Thesis. University of Idaho, Moscow. 200pp.

Greenhalgh, C. 1958. Sage chickens and civilization. Utah Fish and Game 14(7):6.

Greer, R. D. 1990. Sage Grouse habitat requirements and development. Habitat Extension Services, Wyoming Game and Fish Dept. Habitat extension bulletin no. 31. 6pp.

Gregg, M. A. 1991. Use and selection of nesting habitat by Sage Grouse in Oregon. M. Sc. Thesis. Oregon State University, Corvallis.

Gregg, M. A. 2001. Understanding Sage-Grouse/habitat relationships: The key to successful management. Grouse Partnership News. 2:19.

Gregg, M. A. 2006. Greater Sage-Grouse reproductive ecology: linkages among habitat resources, maternal nutrition, and chick survival. Ph. D. Dissertation Oregon State University.

Gregg, M. A., J. K. Barnett, and J. A. Crawford. 2008. Temporal variation in diet and nutrition of preincubating Greater Sage-Grouse. Rangeland Ecology and Management 61:535-542.

Gregg, M. A., and J. A. Crawford. 2009. Survival of Greater Sage-Grouse chicks and broods in the northern Great Basin. Journal of Wildlife Management 73:904-913.

Gregg, M. A., J. A. Crawford, and M. S. Drut. 1993. Summer habitat use and selection by female Sage Grouse (*Centrocercus urophasianus*) in Oregon. Great Basin Nat. 53:293-298

Gregg, M. A., J. A. Crawford, M. S. Drut, and A. K. DeLong. 1994. Vegetational cover and predation of Sage Grouse Nests in Oregon. J. Wildl. Manage. 58:162-166.

Gregg, M. A., M. R. Dunbar, and J. A. Crawford. 2007. Use of implanted radiotransmitters to estimate survival of Greater Sage-Grouse chicks. Journal of Wildlife Management 71:646-651.

Gregg, M. A., M. R. Dunbar, J. A. Crawford, and M. D. Pope. 2006. Total plasma protein and renesting by Greater Sage-Grouse. Journal of Wildlife Management 70:472-478.

Grensten, J. J. 1987. Locating Sage Grouse leks from color infrared aerial photography. BLM Technical Note No. 377. Denver Service Center, Springfield, VA. 8pp.

Griner, L. A. 1939. A study of the Sage Grouse (*Centrocercus urophasianus*), with special reference to life history, habitat requirements, and numbers and distribution. M. Sc. Thesis, Utah State University, Logan. 83pp.

Grover, G. 1944. Disease among Sage Grouse. Colorado Conservation Comments

7(1):14-15.

Gullion. G. W. 1954. Sage hen population shows steady decline in northeastern Nevada. Nevada Fish and Game 1(5):14, 19.

Gullion, G. W. 1957. Precocial strutting in Sage Grouse. Condor 59:269

Gullion, G. W. 1966. A viewpoint concerning the significance of studies of game bird food habits. Condor 68:372-376.

Gullion, G. W., and G. C. Christensen. 1957. A review of the distribution of gallinaceous game birds in Nevada. Condor 59:128-138.

Gunnison Sage-Grouse Rangewide Steering Committee. 2005. Gunnison Sage-Grouse rangewide conservation plan. Colorado Division of Wildlife, Denver.

Gunnison Sage Grouse Task Force. 1997. Gunnison Sage Grouse conservation plan. Bureau of Land Management, Gunnison, CO. 108pp.

Gunnison Valley Environmental Services. 2007. Gunnison Sage-Grouse habitat assessment for Gunnison Rising North. 25pp.

Guttery, M. R. 2011. Ecology and management of a high elevation southern range Greater Sage-Grouse population: vegetation manipulation, early chick survival, and hunter motivations. Ph. D. Dissertation. Utah State University. 119 pp.

Hagen, C. A. 1999. Sage Grouse habitat use and seasonal movements in a naturally fragmented landscape, northwestern Colorado (*Centrocercus urophasianus*). M. Sc. Thesis. University of Manitoba.

Hagen, C. A. 2005. Greater Sage-Grouse conservation assessment and strategy for Oregon: a plan to maintain and enhance populations and habitat. Oregon Department of Fish and Wildlife, Salem, Oregon, USA. 160pp.

Hagen, C. A. 2010. Impacts of energy development on prairie grouse ecology: a research synthesis. Transactions of the 75th North American Wildlife and Natural Resources Conference 75:96-103. (Greater Sage-Grouse, Gunnison Sage-Grouse, Greater Prairie-Chicken, Lesser Prairie-Chicken, Sharp-tailed Grouse).

Hagen, C. A. 2011. Chapter six – Predation on Greater Sage-Grouse. Pp. 95-100 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Hagen, C., R. Anthony, R. Borine, C. Boyd, G. Buckner, D. Budeau, J. Dillon, S. Ellis, M. Gregg, D. Henderson, R. Miller, J. O'Keefe, N. Pustis, B. Youtie,

and D. Zalunardo. 2005. Greater Sage-Grouse conservation assessment and strategy for Oregon: a plan to maintain and enhance populations and habitat. Oregon Department of Fish and Wildlife. 160pp.

Hagen, C., R. Anthony, G. Buckner, D. Budeau, C. Foster, J. Delevan, J. Dillon, M. Gregg, J. Maestes, R. Miller, J. O'Keefe, D. Steele, R. Weist, and B. Youtie. 2010. Greater Sage-Grouse conservation assessment and strategy for Oregon: a plan to maintain and enhance populations and habitat. Oregon Department of Fish and Wildlife. 184pp.

Hagen, C. A., and R. J. Bildfell. 2007. An Observation of *Clostridium perfringens* in Greater Sage-Grouse. Journal of Wildlife Diseases 43:545-547.

Hagen, C. A., and C. E. Braun. 1997. Habitat use and seasonal movements of Sage Grouse in the Piceance Basin, Rio Blanco County, Colorado. Colorado Division of Wildlife. 21pp.

Hagen, C. A., J. W. Connelly, and M. A. Schroeder. 2007. A meta-analysis of Greater Sage-Grouse *Centrocercus Urophasianus* nesting and brood-rearing habitats. Wildlife Biology 13 (Suppl. 1):42-50.

Hagen, C. A., and T. M. Loughin. 2008. Productivity estimates from upland bird harvests: estimating variance and necessary sample sizes. Journal of Wildlife Management 72:1369-1375.

Hall, F. 2002. The Devil's Garden: No longer paradise for Sage Grouse. Tracks, fall 2002. pp4-7

Hanf, J. M., P. A. Schmidt, and E. B. Groshens. 1994. Sage Grouse in the high desert of central Oregon: Results of a study, 1988-1993. Bureau of Land Management. 57 pp.

Hanna, W. C. 1936. Sage hen breeding in California. Condor 38:38.

Hanser, S. E., and S. T. Knick. 2011. Chapter nineteen – Greater Sage-Grouse as an umbrella species for shrubland passerine birds – a multiscale assessment. Pp. 475-487 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 246pp.

Hargrave, C. 1946. Sage Grouse in North Dakota. North Dakota Outdoors 8(9):7

Harju, S. M., M. R. Dzialak, R. C. Taylor, L. D. Hayden-Wing, and J. B. Winstead. 2010. Thresholds and time lags in effects of energy development on Greater Sage-Grouse. Journal of Wildlife Management 74:437-448.

Harris, W. C., S. M. McAdam, and K. Scalise. 1996. Saskatchewan Sage Grouse – status and distribution. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O. O. Oedkoven, editor.

Harris, W., K. Lungle, B. Bristol, D. Dickinson, D. Eslinger, P. Fargey, J. Kroshus, T. Livingston, S. Lunn, S. McAdam, I. Michaud, D. Milner, T. Poirier, D. Scobie, and L. Veitch. 2001. Canadian Sage Grouse recovery strategy.

Hartzler, J. E. 1972. An analysis of Sage Grouse lek behavior. Ph. D. Dissertation. University of Montana. Missoula. 246pp.

Hartzler, J. E. 1974. Predation and the daily timing of Sage Grouse leks. Auk 91:532-536.

Hartzler, J. E., and D. A. Jenni. 1988. Mate choice by female Sage Grouse. Pp. 240-269 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds.). University of Minnesota Press, Minneapolis.

Hausleitner, D. 2003. Population dynamics, habitat use, and movements of Greater Sage-Grouse in Moffat County, Colorado. M. Sc. Thesis. University of Idaho.

Hausleitner, D., K. P. Reese, and A. D. Apa. 2005. Timing of vegetation sampling at Greater Sage-Grouse nests. Rangeland Ecology and Management 58:553-556.

Hawkins, S. A. S. C. 2004. Grouse, grazing, and grange: is agricultural intensification of the sagebrush west linked to bird population declines? B. A. Thesis. Reed College.

Hayden-Wing, L. D., D. B. Costain, J. L. Hull, M. R. Jackson, and T. B. Segerstrom. 1986. Movement patterns and habitat affinities of a Sage Grouse population in northeastern Wyoming. Pages 207-226 *in* R. D. Comer, T. G. Baumann, P. Davis, J. W. Monarch, J. Todd, S. VanGytenbeek, D. Wills, and J. Woodling, editors. Issues and technology in the management of impacted western wildlife: proceedings of a national symposium. Glenwood Springs, Colorado, February 4-6, 1985. Thorne Ecological Institute.

Hayes, J. D. 2008. The methane range: Coalbed methane development, sage-grouse protection, and the ranching way of life. M. Sc. Thesis. University of Montana. 116pp.

Hays, D., M. Tirhi, and D. Stinson. 1998. Washington State status report for the Sage Grouse. Washington Dept. of Fish and Wildlife. 74 pp.

Heath, B. 1996. Researcher attempts to identify state's Sage Grouse problems. Wyoming Wildlife Vol. 6, No. 1, pp10-11, 18.

Heath, B. J., S. H. Anderson, J. R. Straw, and J. Lawson. 1996. Survival of radio-transmittered female Sage Grouse in Farson, Wyoming. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O. O. Oedkoven, editor.

Heath, B, R. Straw, S. Anderson, and J. Lawson. 1996. Proceedings of the Sage Grouse workshop. Pinedale, Wyoming. 17pp.

Heath, B., R. Straw, S. H. Anderson, and J. Lawson. 1997. Sage Grouse productivity, survival, and seasonal habitat use near Farson, Wyoming. Wyoming Game and Fish Department, Completion Report. 66pp.

Heath, B., R. Straw, S. H. Anderson, J. Lawson, and M. Holloran. 1998. Sage Grouse productivity, survival, and seasonal habitat among three ranches with different livestock grazing, predator control, and harvest management practices. Wyoming Game and Fish Department, Completion Report. 66pp.

Hein, D., P. Lehner, R. A. Ryder, J. Bourassa, L. Kolz, C. E. Braun, S. Emmons, H. Funk, K. Giesen, S. McElderry, B. Petersen, S. Porter, T. Schoenberg, and J. Wagner. 1980. Evaluation of the effects of changes in hunting regulations on Sage Grouse populations: evaluation of census of females. Job Completion Report W-37-R-33, WP-3, J-9c. Colorado Division of Wildlife. 203 pages.

Hemker, T. P. 2004. Sage grouse ecology: July 1, 2003 to June 30, 2004. Project W-160-R-31, subproject 53, progress report. Idaho Department of Fish and Game. 10pp.

Hemker, T. P., and C. E. Braun. 2001. Innovative approaches for development of conservation plans for Sage Grouse: examples from Idaho and Colorado. Transactions of the North American Wildlife and Natural Resources Conference 66:456-463.

Hemstrom, M. A. M. J. Wisdom, W. J. Hann, M. M. Rowland, B. C. Wales, and R. A. Gravenmier. 2002. Sagebrush-steppe vegetation dynamics and restoration potential in the interior Columbia Basin, U.S.A. Conservation Biology 16:1243-1255. (Greater Sage-Grouse).

Hennefer, J. P. 2007. Analysis of Greater Sage-Grouse (*Centrocercus urophasianus*) translocation release methods and chick survival in Strawberry Valley, Utah. M. Sc. Thesis. Brigham Young University 54pp.

Herman-Brunson, K. M. 2007. Nesting and brood-rearing habitat selection of Greater Sage-Grouse and associated survival of hens and broods at the edge of their historic distribution. M. Sc. Thesis. South Dakota State University. 115pp.

Herman-Brunson, K. M., K. C. Jensen, N. W. Kaczor, C. C. Swanson, M. A. Rumble, and R. W. Klaver. 2009. Nesting ecology of Greater Sage-Grouse

Centrocercus urophasianus at the eastern edge of their historic distribution. Wildlife Biology 15:237-246.

Harrell, D. 2008. Peak lek attendance for Greater Sage-Grouse within the northern Bighorn Basin, Wyoming. Technical Note 424, U.S.D.O.I., Bureau of Land Management, Cody Field Office, Wyoming. 12pp.

Herring, H. 2008. Last stand of the Sage Grouse. Field and Stream 113(3):17-21.

Higby, L. W. 1969. Design and use of the bumper mounted cannon net trap as a trapping technique for Sage Grouse. Proceedings of the Western States Sage Grouse Workshop 6:99-102.

Higby, L. W. 1969. A summary of the Longs Creek sagebrush control project. Proceedings of the Western States Sage Grouse Workshop 6:164-168.

Higgins, L. A., J. A. Hill, J. R. Young, and R. D. Howard. 1997. Female social behaviour on Sage Grouse *Centrocercus urophasianus* leks in the Gunnison Basin, Colorado, USA. Wildlife Biology 3:275. Abstract only.

Hjertaas, D. G. 1995. Observations of hybrid sage x sharp-tailed grouse in Saskatchewan. Blue Jay 53:144-147.

Hockett, G. A. 2002. Livestock impacts on the herbaceous components of Sage Grouse habitat: a review. Intermountain Journal of Science 8:105-114.

Hoffman, R. W. 1981. Volunteer collection station for use in obtaining grouse wing samples. Wildlife Society Bulletin 9:180-184.

Hoffman, R. W., and B. S. Cade. 1982. Occurrence of Sage Grouse above treeline. Journal of Colorado Field Ornithologists 16:22-23.

Hofmann, L. A. 1991. The western Sage Grouse (*Centrocercus urophasianus phaios*) on the Yakima training center in Central Washington: a case study of a declining species and the military. M. Sc. Thesis. Central Washington University.

Hogue, J. 1954. The grouse and the eagle. Colorado Conservation 3:8-11.

Holloran, M. J. 1999. Sage Grouse (*Centrocercus urophasianus*) seasonal habitat use near Casper, Wyoming. M. Sc. Thesis. University of Wyoming.

Holloran, M. J. 2005. Greater Sage-Grouse (*Centrocercus urophasianus*) population response to natural gas field development in western Wyoming. Ph. D. Dissertation, University of Wyoming.

Holloran, M. J., and S. H. Anderson. 2003. Direct identification of nest predators of

Northern Sage Grouse, *Centrocercus urophasianus*, using remote sensing cameras. Canadian Field Naturalist 117:308-310.

Holloran, M. J., and S. H. Anderson. 2004. Grerater sage-grouse seasonal habitat selection and survival in Jackson Hole, Wyoming. Research completion report. University of Wyoming Cooperative Fish and Wildlife Research Unit, Laramie.

Holloran, M. J., and S. H. Anderson. 2005. Spatial distribution of Greater Sage-Grouse nests in relatively contiguous sagebrush habitats. Condor 107:742-752.

Holloran, M., and S. H. Anderson. 2005. Greater Sage-Grouse response to natural gas field development in western Wyoming. Grouse News 30:17-20.

Holloran, M. J., and S. H. Anderson. 2005. Greater Sage-Grouse population response to natural gas development in western Wyoming: are regional populations affected by relatively localized disturbances? Transactions of the North American Wildlife and Natural Resources Conference 70:16-170.

Holloran, M. J., B. J. Heath, A. G. Lyon, S. J. Slater, J. L. Kuipers, and S. H. Anderson. 2005. Greater Sage-Grouse nesting habitat selection and success in Wyoming. Journal of Wildlife Management 69:638-649.

Holloran, M. J., R. C. Kaiser, and W. A. Hubert. 2007. Population response of yearling Greater Sage-Grouse to the infrastructure of natural gas fields in southwestern Wyoming. Completion Report. Wyoming Cooperative Fish and Wildlife Research Unit, Laramie, Wyoming.

Holloran, M. J., R. C. Kaiser, and W. A. Hubert. 2010. Yearling Greater Sage-Grouse response to energy development in Wyoming. Journal of Wildlife Management 74:65-72.

Homer, C. G. 1991. Modeling Sage Grouse winter habitat with Landsat Thematic Mapper data in a Geographic Information System. M. Sc. Thesis. Utah State University.

Homer, C. G., T. C. Edwards, R. D. Ramsey, and K. P. Price. 1993. Use of remote sensing methods in modeling Sage Grouse winter habitat. Journal of Wildlife Management 57:78-84.

Honess, R. F. 1942. Sage Grouse coccidiosis not transmissible to chickens. Poultry Science 21:560.

Honess, R. F. 1955. A new flagellate, *Tritrichomonas simoni* from the Sage Grouse, *Centrocercus urophasianus*. Wyoming Game and Fish Commission Bulletin 1:1-3.

Honess, R. F., and W. J. Allred. 1942. Sage Grouse studies. Part I. Structure and function of the neck muscles in inflation and deflation of the esophagus in the Sage Grouse. Wyoming Game and Fish Department Bulletin 2:1-12.

Honess, R. F., and G. Post. 1955. *Eimeria* of grouse (family tetraonidae), with a description of *Eimeria pattersoni* n. sp. from the Sage Grouse. Wyoming Game and Fish Commission Bulletin 8(2):5-11.

Honess, R. F., and G. Post. 1968. History of an epizootic in Sage Grouse. University of Wyoming Agricultural Experiment Station Science Monographs. 14:1-33.

Honess, R. F., and K. B. Winter. 1956. Diseases of wildlife in Wyoming. Wyoming Game and Fish Commission Bulletin No. 9. 279pp.

Hooper, S. L., S. Hanser, and G. Patricelli. 2010. Modeling the exposure of Greater Sage-Grouse to noise from industrial gas drilling rigs. Journal of the Acoustical Society of America 127:1803 (abstract only)

Hornaday, W. T. 1916. Save the sage grouse from extinction, a demand from civilization to the western states. New York Zoological Park Bull. 5:179-219.

Horsfall, R. B. 1920. Remarkable habits of the Sage Grouse as observed in southeastern Oregon in May, 1918. Zoologica 2:243-250.

Hulet, B. V. 1983. Selected responses of sage grouse to prescribed fire, predation, and grazing by domestic sheep in southeastern Idaho. M. Sc. thesis. Brigham Young University, Provo, Utah.

Hulet, B. V., J. T. Flinders, J. S. Green, and R. B. Murray, 1986. Seasonal movements and habitat selection of Sage Grouse in southern Idaho. Pp168-175 *in* D.E. McArthur and B.L. Welch (eds). Symposium Biology of *Artemisia* and *Chrysothamnus*. USDA Forest Service General Technical Report. INT-200

Hunnicutt, M. 1992. Use of Landsat imagery and geographical information systems in the assessment of rangeland cover and wildlife habitat. M. Sc. Thesis. Utah State University. 71pp.

Huntington, D. W. 1897. The Sage Grouse. The Osprey 2(2):17-18.

Huntington, D. W. 1905. The grouse of the desert. The Independent Oct. 12, 1905 59:859-862.

Hupp. J. W. 1987. Sage Grouse resource exploitation and endogenous reserves in Colorado. Ph. D. Dissertation. Colorado State University.

Hupp, J. W., and C. E. Braun. 1984. Spring changes in lipid reserves of adult male Sage Grouse. Journal of the Colorado-Wyoming Academy of Science 16:34.

Hupp, J. W., and C. E. Braun. 1989. Endogenous reserves of adult male Sage Grouse during courtship. Condor 91:266-271.

Hupp, J. W., and C. E. Braun. 1989. Topographic distribution of sage grouse foraging in winter. Journal of Wildlife Management 53:823-829.

Hupp, J. W., and C. E. Braun. 1991. Geographic variation among Sage Grouse in Colorado. Wilson Bulletin 193:255-261.

Huwer, S. L. 2004. Evaluating Greater Sage-Grouse brood habitat using human-imprinted chicks. M. Sc. Thesis. Colorado State University, Fort Collins.

Huwer, S. L., D. R. Anderson, T. E. Remington, and G. C. White. 2008. Using human-imprinted chicks to evaluate the importance of forbs to Sage-Grouse. Journal of Wildlife Management 72:1622-1627.

Idaho Sage-Grouse Advisory Committee. 2006. Conservation plan for the Greater Sage-Grouse in Idaho. 358pp.

Ihli, M., P. Sherbenou, and C. W. Welch. 1973. Wintering Sage Grouse in the Upper Big Lost River. Idaho Academy of Science 1973:73-80.

Jacobson, M. Q., and S. S. Seefeldt. 2002. Sage Grouse, livestock, and land management at the U. S. Sheep Experimental Station. Grouse Partnership News 3:18-19.

Jankowski, M. D. 2007. The influence of habitat disturbance and synergized resmethrin on avian immunocompetence. Ph. D. Dissertation University of Wisconsin-Madison. 215pp. (Greater Sage-Grouse).

Jankowski, M. D., D. J. Wittwer, D. M. Heisey, J. C. Franson, and E. K. Hofmeister. 2009. The adrenocortical response of Greater Sage Grouse (*Centrocercus urophasianus*) to capture, ACTH injection, and confinement, as measured in fecal samples. Physiological and Biochemical Zoology 82:190-201.

Jankowski, M. D., J. C. Franson, and E. Hofmeister. 2009. How might changes in corticosterone levels in breeding Greater Sage-Grouse affect immunity? Integrative and Comparative Biology 49 (suppl. 1):E248 (abstract only).

Jarvis, J. M. 1973. The Parker Mountain Sage Grouse study. Proceedings Western Association of State Game and Fish Commissions 53:345-352.

Jenni, D. A., and J. E. Hartzler. 1978. Attendance at a Sage Grouse lek: implications for spring census. Journal of Wildlife Management 42:46-52.

Jensen, B. M. 2006. Migration, transition range and landscape use by Greater Sage-Grouse (*Centrocercus urophasianus*). M. Sc. Thesis. University of Wyoming. 187pp.

Jewett, S. G. 1925. Nesting of the Sage-Hen in Siskiyou County, California. Condor 27:115-116.

Johnsgard, P. A. 2002. Grassland grouse and their conservation. Smithsonian Institution Press. 157pp.

Johnson, D. H., M. J. Holloran, J. W. Connelly, S. E. Hanser, C. L. Amundson, and S. T. Knick. 2011. Chapter seventeen – Influences of environmental and anthropogenic features on Greater Sage-Grouse populations, 1997-2007. Pp. 407-430 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Johnson, G. D. 1987. Effects of rangeland grasshopper control on Sage Grouse in Wyoming. M.Sc. thesis. University of Wyoming, Laramie, Wyoming. 65 pp.

Johnson, G. 2010. Simpson Ridge Greater Sage-Grouse telemetry study. Grouse Partnership News 2010:31.

Johnson, G. D., and M. S. Boyce. 1990. Feeding trials with insects in the diet of Sage Grouse chicks. Journal of Wildlife Management 54:89-91.

Johnson, G. D., and M. S. Boyce. 1991. Survival, growth, and reproduction of captive-reared Sage Grouse. Wildlife Society Bulletin 19:88-93.

Johnson, G., and M. Holloran. 2010. Greater Sage-Grouse & wind energy development – A review of the issues. Final report to Renewable Northwest Project, www.RNP.org. by Western EcoSystems Technology, Inc., and Wyoming Wildlife Consultants. 78pp.

Johnson, G. D., T. Rintz, C. LeBeau, J. Eddy, and M. Holloran. 2009. Greater Sage-Grouse telemetry study for the Simpson Ridge Wind Energy Projects, Carbon County, Wyoming. First Quarterly Report. Prepared for Horizon Wind Energy by Western EcoSystems Technology, Inc., and Wyoming Wildlife Consultants. 16pp.

Johnson, K. H., and C. E. Braun. 1999. Viability and conservation of an exploited Sage Grouse population. Conservation Biology. 13:77-84.

Johnson, L. L. 1989. Field investigations of the lek mating system in sage grouse. M. Sc. thesis. University of Wyoming. 41 pages.

Johnson, L. L., and M. S. Boyce. 1991. Female choice of males with low parasite loads in Sage Grouse. Pages 377-388 *in* J. E. Loye and M. Zuk, editors. Bird-Parasite interactions: Ecology, evolution, and behaviour. Oxford Ornithological Series 2.

June, J. W. 1963. Western States Sage Grouse Workshop. Western States Sage Grouse Commmittee, 1962-1963. June 18, 19, and 20, `963. Lima, Montana. Wyoming Game and Fish Department. 69pp.

June, J. W. 1963. Wyoming sage grouse population measurement. Proceedings of the Western Association of State Game and Fish Commissioners 43:206-211.

June, J. W. 1967. Sage Grouse sexing and aging characteristics, Blue Grouse sexing and aging characteristics, Ruffed Grouse sexing anf aging characteristics: Completion Report. Wyoming Game and Fish Commission.

June, J. W. 1969. Man-made waterholes – guzzlers and Sage Grouse use. Proceedings Western States Sage Grouse Workshop 6:125-127.

June, J. 1969. (Editor) 6th. Biennial Western states Sage Grouse Workshop. Rock Springs, Wyoming. 200pp.

Kaczor, N. W. 2008. Nesting and brood-rearing success and resource selection of Greater Sage-Grouse in northwestern South Dakota. M. Sc. Thesis. South Dakota State University. 85pp.

Kahn, N. W., C. E. Braun, J. R. Young, S. Wood, D. R. Mata, and T. W. Quinn. 1999. Molecular analysis of genetic variation among large- and small-bodied Sage Grouse using mitochondrial control-region sequences. Auk 116:819-824

Kaiser, R. C. 2006. Recruitment by Greater Sage-Grouse in association with natural gas development in western Wyoming. M. Sc. Thesis. University of Wyoming. 91pp.

Karl, J. W. 2010. Spatial predictions of cover attributes of rangeland ecosystems using regression kriging and remote sensing. Rangeland Ecology and Management 63:335-349. (Greater Sage-Grouse).

Keller, R. J., H. R. Shepherd, nd R. N. Randall. 1941. Survey of 1941: North Park, Jackson County, Moffat County, including comparative data of previous seasons. Colorado Game and Fish Commission, Sage Grouse Survey 3. 31pp.

Kerwin, M. L. 1971. The status, behavior, and ecology of the Sage Grouse in Saskatchewan. M. Sc. Thesis. University of Saskatchewan.

Kimball, J. F. Jr. 1969. Sage Grouse management in Utah. Proceedings of the Western States Sage Grouse Workshop 6:111-117.

Klebenow, D. A. 1968. The nesting and brood habitat of Sage Grouse. Ph. D. Dissertation. University of Idaho, Moscow. 61pp.

Klebenow, D. A. 1969. Sage Grouse nesting and brood habitat in Idaho. Journal of Wildlife Management 33:649-662.

Klebenow, D. A. 1970. Sage Grouse versus sagebrush control in Idaho. Journal of Range Management 23:396-400.

Klebenow, D. A. 1972. The habitat requirements of Sage Grouse and the role of fire in management. Proceedings of the Tall Timbers Fire Ecology Conference 12:305-315.

Klebenow, D. A. 1982. Livestock grazing interactions with Sage Grouse. Pages 113-123 *in* J. M. Peck and P. D. Dalke, *eds*. Wildlife-Livestock Relationships Symposium: Proceedings 10.

Klebenow, D. A. 1985. Habitat management for Sage Grouse in Nevada. World Pheasant Association 10:34-46.

Klebenow, D. A., and G. M. Gray. 1968. Food habits of juvenile Sage Grouse. Journal of Range Management 21:80-83.

Klebenow, D., G. Zunino, M. Stigar, and A. Alstat. 1990. Sage Grouse production and mortality studies. Nevada Department of Wildlife. Job Final Report, Federal Aid Project W-48-R-21, Study XVII, job 1.

Klott, J. H. 1987. Use of habitat by sympatrically occuring Sage Grouse and Sharp-tailed Grouse with broods. M. Sc. Thesis. University of Wyoming.

Klott, J. H., and F. G. Lindzey. 1989. Comparison of Sage and Sharp-tailed Grouse leks in south central Wyoming. Great Basin Naturalist 49:275-278.

Klott, J. H., and F. G. Lindzey. 1990. Brood habitats of sympatric Sage Grouse and Columbian Sharp-tailed Grouse in Wyoming. Journal of Wildlife Management 54:84-88.

Klott, J. H., R. B. Smith, and C. Vullo. 1993. Sage Grouse habitat use in the Brown's Bench area of south-central Idaho. USDI Bureau of Land Management Technical Bulletin 93-4, Idaho State Office, Boise, Idaho. 14pp.

Knerr, J. S. 2007. Greater Gage-Grouse ecology in western Box Elder County, Utah. M. Sc. Thesis. Utah State University. 114pp.

Knerr, J.S., and T. A. Messmer. 2006. Greater Sage-Grouse (*Centrocercus*

urophasianus) ecology in western Box Elder County, Utah. 2005 Annual Report. 11pp.

Knick, S. T. 2011. Chapter one – Historical development, principle federal legislation, and current management of sagebrush habitats. Pp. 13-31 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Knick, S. T., and J. W. Connelly. 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Knick, S. T., and J. W. Connelly. 2011. Greater Sage-Grouse and sagebrush – an introduction to the landscape. Pp. 1-9 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Knick, S. T., D. S. Dobkin, J. T. Rotenberry, M. A. Schroeder, W. M. Vander Haegen, and C. van Riper III. 2003. Teetering on the edge or too late? Conservation and research issues for avifauna of sagebrush habitats. Condor 105:611-634.

Knick, S. T., and S. E. Hanser. 2011. Chapter sixteen – Connecting pattern and process in Greater Sage-Grouse populations and sagebrush landscapes. Pp. 383-405 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Knick, S. T., S. E. Hanser, R. F. Miller, D. A. Pyke, M. J. Wisdom, S. P. Finn, E. T. Rinkes, and C. J. Henny. 2011. Chapter twelve – Ecological influence and pathways of land use in sagebrush. Pp. 203-251 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Knight, B. 2004. Working for Sage Grouse on private lands. Grouse Partnership News 5:15.

Knowlton, G. F., and H. F. Thornley. 1942. Insect food of the Sage Grouse. Journal of Economic Entomology 35:107-108.

Kobriger, G. D. 1964. North Dakota's first Sage Grouse season. North Dakota Outdoors 27(5):8-11.

Kobriger, G. D. 1974. Sage Grouse season summary. North Dakota Outdoors 36(10):2-

6.

Kobriger, G. D. 1977. What sagebrush means to Sage Grouse. North Dakota Outdoors 40(2):8-9.

Kohn, S. C., and G. D. Kobriger. 1986. Occurrence of a Sage Grouse/Sharp-tailed Grouse hybrid in North Dakota. Prairie Naturalist 18:33-36.

Kolada, E. J. 2007. Nest site selection and nest success of Greater Sage-Grouse in Mono County, California. M. Sc. Thesis. Univeristy of Nevada, Reno. 82pp.

Kolada, E. J., J. S. Sedinger, and M. L. Casazza. 2009. Nest site selection by Greater Sage-Grouse in Mono County, California. Journal of Wildlife Management 73:1333-1340.

Kolada, E. J., J. S. Sedinger, and M. L. Casazza. 2009. Ecological factors influencing nest survival of Greater Sage-Grouse in Mono County, California. Journal of Wildlife Management 73:1347-1347.

Krakauer, A. H., M. Tyrrell, K. Lehmann, N. Losin, F. Goller, and G. L. Patricelli. 2009. Vocal and anatomical evidence for two-voiced sound production in the Greater Sage-Grouse *Centrocercus urophasianus*. Journal of Experimental Biology 212:3719-3727.

Kreskey, L. A. 2002. Greater Sage-Grouse lek habitat evaluation of Elko County, Nevada, using remore sensing and GIS (*Centrocercus urophasianus*). University of Nevada, Reno.

Kuipers, J. L. 2004. Grazing system and linear corridor influences on Greater Sage-Grouse (*Centrocercus urophasianus*) habitat selection and productivity. M. Sc. Thesis. University of Wyoming.

Kuykendall, K., and M. Gisler. 2002. Landscape restoration for Sage Grouse. Grouse Partnership News 3:16-17.

Lambert, S. 2004. The Grouse Habitat Restoration Fund: an achievable goal. Grouse partnership News 5:22-23.

Lammers, W. M. 2005. The response of avian predators to a new high voltage transmission line in northern Nevada. M. Sc. Thesis. University of Nevada, Reno. 97pp.

Lammers, W. M., and M. W. Collopy. 2007. Effectiveness of avian predator perch deterrents on electric transmission lines. Journal of Wildlife Management 7:2752-2758.

LaMontagne., J. M., R. L. Irvine, and E. E. Crone. 2002. Spatial patterns of population regulation in Sage Grouse (Centrocercus spp.) population viability analysis. Journal of Animal Ecology 71:672-682.

Lane, V. R. 2005. Sage-Grouse (*Centrocercus urophasianus*) nesting and brood-rearing sagebrush habitat characteristics in Montana and Wyoming. M. Sc. Thesis, Montana State University, Bozeman.

Leach, H. R., and B. M. Browning. 1958. A note on the food of Sage Grouse in the Madeline Plains area of California. California Fish and Game. 44:73-76.

Leach, H. R., and A. L. Hensley. 1954. The Sage Grouse in California with special reference to food habits. Califorina Fish and Game. 40:385-394.

Leonard, K. M. 1998. Distribution, movements, and habitats of Sage Grouse on the Upper Snake River Plain: changes from the 1950's to the 1990's. M. Sc. Thesis. University of Wyoming.

Leonard, K. M., K. P. Reese, and J. W. Connelly. 1996. Sage Grouse on the Upper Snake River plain: Changes from the 50's to the 90's. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Leonard, K. M., K. P. Reese, and J. W. Connelly. 2000. Distribution, movements, and habitats of Sage Grouse *Centrocercus urophasianus* on the upper Snake River Plain of Idaho.: changes from the 1950s to the 1990s. Wildlife Biology 6:265-270.

Leu, M., and S. E. Hanser. 2011. Chapter thirteen – Influences of the human footprint on sagebrush landscape patterns – implications for sage-grouse conservation. Pp. 253-271 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Locke, S. B. 1932. The sage hen situation and its needs. Transactions of the American Game Conference. 19:408-410.

Loft, E. R. 1998. Economic contribution of deer, pronghorn antelope, and Sage Grouse hunting to northeastern California and implications to the overall "value" of wildlife. California Wildlife Conservation Bulletin, no. 11. 42pp.

Lords, J. L. 1951. Distribution, ecology, and population dynamics of the Sage Grouse in Utah. M. Sc. thesis. University of Utah, Salt Lake City, Utah.

Losin, N. 2007. King of the western sage: The life and plight of North America's largest grouse. Living Bird Summer 2007:10-19.

Lowe, B. S. 2006. Greater Sage Grouse use of threetip sagebrush and seeded sagebrush steppe. M. Sc. Thesis. Idaho State University. 52pp.

Lowe, B. S., D. J. Delehanty, and J. W. Connelly. 2009. Greater Sage-Grouse *Centrocercus urophasianus* use of threetip sagebrush relative to big sagebrush in south-central Idaho. Wildlife Biology 15:229-236.

Lumsden, H. G. 1968. The displays of the Sage Grouse. Ontario Department of Lands and Forests, Research Report 83. 94pp.

Lungle, K., and S. D. Pruss. 2008. Recovery strategy for the Greater Sage-Grouse (*Centrocercus urophasianus urophasianus*) in Canada. Species at Risk Act Recovery Strategy Series. Parks Canada Agency. 43pp.

Lupis, S. G. 2005. Summer ecology of Gunnison Sage-Grouse (*Centrocercus minimus*) in San Juan County, Utah. M. Sc. Thesis. Utah State University.

Lupis, S. G., T. A. Messmer, and T. Black. 2006. Gunnison Sage-Grouse use of Conservation Reserve Program fields in Utah and response to emergency grazing: a preliminary evaluation. Wildlife Society Bulletin 34:957-962.

Lynch, W. 2005. Sage strutter. Canadian Geographic Jul/Aug 2005, 125(4):64-70.

Lyon, A. G. 2000. The potential effects of natural gas development on Sage Grouse (*Centrocercus urophasianus*) near Pinedale, Wyoming. M. Sc. Thesis. University of Wyoming.

Lyon, A. G., and S. H. Anderson. 2003. Potential gas development impacts on Sage Grouse nest initiation and movement. Wildlife Society Bulletin 31:486-491.

Madsen, D. E. 1932. Report of Sage Grouse survey with reference to parasites and disease. Utah Agriculture Experimental Station and Extension Service. Miscellaneous Publications 10:22-24.

Maestas, J. D., J. Hughes, T. P. Toombs, K. W. Davies, M. A. Gregg, C. Johnson-Nistler, W. C. Gilgert, and S. L. Petersen. 2006. Improving the scientific integrity of nontechnical publications. Rangelands 28(5):32-33.

Manly, W. M. 1916. Sage hens in Mono National Forest. California Fish and Game 2:163.

Manville, A. M. II. 2004. Prairie grouse leks and wind turbines: U. S. Fish and Wildlife Service justification for a 5-mile buffer from leks; additional grassland songbird recommendations. Division of Migratory Bird Management, USFWS, Arlington, Virgina, peer-reviewed briefing paper. 17pp.

Martin, M. O. 1942. Sage Grouse report. Wyoming Wildlife 7(11):9.

Martin, N. S. 1965. Effects of chemical control of sagebrush on the occurrence of Sage Grouse in southwestern Montana. M.Sc. Thesis. Montana State University, Bozeman. 38 pp.

Martin, N. S. 1970. Sagebrush control related to habitat and Sage Grouse occurance. Journal of Wildlife Management 34:313-320.

Martin, N. S. 1976. Life history and habitat requirements of Sage Grouse in relation to sagebrush treatment. Proceedings of the Western Association State Game and Fish Commissioners 56:289-294.

Martin, R. C. 1990. Sage Grouse responses to wildfire in spring and summer habitats. M. Sc. thesis. University of Idaho, Moscow.

May. T. A. 1970. Effects of sagebrush control on distribution and abundance of Sage Grouse. Colorado Division of Game, Fish, and Parks, Project W-37-R-23, Work Plan 3, Job 8A Completion Report. 24pp.

May, T. A., and B. E. Poley. 1969. Sage Grouse telemetry in North Park, Colorado. Proceedings of the Western States Sage Grouse Workshop 6:94.

May, T. A., and B. E. Poley. 1969. Spring and summer movements of female Sage Grouse in North Park, Colorado. Proceedings of the Western States Sage Grouse Workshop 6:173-179.

McAdam, S. M. 2004. Lek occupancy by Greater Sage-Grouse in relation to habitat in southwestern Saskatchewan. M. Sc. Thesis. Royal Roads University.

McAdoo, J. K., and G. N. Back. 2001. Sage Grouse biology. University of Nevada Cooperative Extension Fact Sheet FS-01-43.

McAdoo, J. K., and G. N. Back. 2001. Sage Grouse habitat requirements. University of Nevada Cooperative Extension Fact Sheet FS-01-44.

McCarthy, J. J., and J. D. Kobriger. 2005. Management plan and conservation strategies for Greater Sage-Grouse in North Dakota. North Dakota Game and Fish Department. 96pp.

McCluskey, C. 1979. Red-tailed Hawk preys on adult Sage Grouse in northern Utah. Journal of Raptor Research 13:123.

McDowell, K. 1956. The proud strutters. Wyoming Wildlife 20(8):4-7. (Sage Grouse).

McDowell, M. K. D. 2000. The effects of burning in mountain big sagebrush on key

Sage Grouse habitat characteristics in southeastern Oregon. M. Sc. Thesis. Oregon State University, Corvallis.

McNeil, R. L., and B. J. Sawyer. 2001. Soils and landscapes associated with silver sagebrush and Sage Grouse. Landwise, Inc., Lethbridge, Alberta. 36pp.

McWhirter, D. 1999. Pinedale/Jackson Region Sage Grouse job completion report, 1996-1998. Wyoming Fish & Game Department.

Menzel, K. 1963. Sage Grouse. Outdoor Nebraska 41(6):34-35.

Messmer, T. A., and C. Peterson. 2009. Evaluation of the role of strategic livestock grazing to enhance Greater Sage-Grouse brood-rearing habitat on Anthro Mountain. Project Status Report: June-July, 2009. Utah State University 24pp.

Meyers, A. V. 1946. History of Sage Grouse habitat development in Oregon. Proceedings of the Western Association of State Game and Fish commissioners 26:147-149.

Mezquido, E. T., S. J. Slater, and C. W. Benkman. 2006. Sage-grouse and indirect interactions: potential implications of coyote control on sage-grouse populations. Condor 108:747-759.

Miller, B., E. Phillips, and A. D. Apa. 2007. Seasonal habitat use, movements and vital rates in the Parachute/Piceance/Roan population of Greater Sage-Grouse. Progress Report, January-April 2007. Colorado Division of Wildlife. 7pp.

Miller, M. 2002. The Crooked Creek effort: a cooperative project for Sage Grouse management. Grouse Partnership News 3:14-15.

Miller, R. F., and L. L. Eddleman. 1997. Temporal and spatial changes of Sage Grouse *Centrocercus urophasianus* habitat in the sagebrush ecosystem. Wildlife Biology 3:273.

Miller, R. F., and L. L. Eddleman. 2000. Spatial and temporal changes of Sage Grouse habitat in the sagebrush biome. Oregon State University Agriculture Experiment Station Technical Bulletin 151. 34pp.

Miller, R. F., S. T. Knick, D. A. Pyke, C. W. Meinke, M. J. Wisdom, and A. L. Hild. 2011. Chapter ten - Characteristics of sagebrush habitats and limitations to long-term conservation. Pp. 145-184 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Miller, W. D. 1948. The strutting Sage Grouse. North Dakota Outdoors 11(1):10-11.

Mitchell, D. L., and B. D. Maxfield. 2001. Sage-Grouse in Utah. Utah Division of Wildlife Resources. 9 November 2001. 11pp.

Molini, W. A. 1973. Upland meadows and Sage Grouse: status of their inter-related management in Nevada. Proceedings of the Western States Sage Grouse Workshop 8:39-44.

Monsen, S. B. 2001. Sage-grouse habitat restoration symposium. Grouse Partnership News. 2:16-17.

Montana N. R. C. S. 2009. Greater Sage-Grouse Habitat Conservation Strategy. 34pp. Available at: http://www.mt.nrcs.usda.gov/technical/ecs/biology/sagegrouse/index.html

Montana Sage Grouse Work Group. 2005. Management plan and conservation strategies for Sage Grouse in Montana – Final.

Moos, L. M. 1941. Sage hen eats grasshoppers. Auk 58:255.

Morgan-Summit Adaptive Resource Management Local Working Group (MSARM). 2006. Morgan-Summit Greater Sage-grouse (*Centrocercus urophasianus*) Local Conservation Plan. Utah State University Extension and Jack H. Berryman Institute and Utah Division of Wildlife Resources. Salt Lake City, Utah. Unpublished Report. 76pp.

Morrison, J. 2008. Robot to the rescue – in a study of how oil and gas drilling affect breeding sage-grouse, a biologist relies on insights from a mechanical bird. National Wildlife 46(4):31-35.

Morse, W. B. 1947. Oregon Sage Grouse. Oregon State Game Commission Bulletin 2(1):1,3,7.

Moynahan, B. J. 2004. Landscape-scale factors affecting population dynamics of Greater Sage-Grouse (*Centrocercus urophasianus*) in north-central Montana, 2001-2004. Ph. D. Dissertation. University of Montana.

Moynahan, B. J., M. S. Lindberg, and J. W. Thomas. 2002. Understanding relationships between Greater Sage-Grouse habitat and population dynamics in eastern Montana. Intermountain Journal of Science 8:258-259.

Moynahan, B. J., M. S. Lindberg, and J. W. Thomas. 2006. Factors contributing to process variance in annual survival of female Greater Sage-Grouse in Montana. Ecological Applications 16:1529-1539.

Moynahan, B. J., M. S. Lindberg, J. J. Rotella, and J. W. Thomas. 2007. Factors

affecting nest survival of Greater Sage-Grouse in northcentral Montana. Journal of Wildlife Management 71:1773-1783.

Mueggler, W. F., and J. P. Blaisdell. 1958. Effects on associated species of burning, rotobeating, spraying and railing sagebrush. Journal of Range Management 11:61-66.

Musil, D. D. 1989. Movements, survival, and habitat use of Sage Grouse translocated into Sawtooth Valley, Idaho. M. Sc. thesis. University of Idaho. 72 pages.

Musil, D. D., and J. W. Connelly. 2005. Sage Grouse ecology: July 1, 2004 to June 30, 2005. Project W-160-R-32, subproject 53, progress report, Federal aid in wildlife restoration, September 2005. 23pp.

Musil, D. D., J. W. Connelly, and K. P. Reese. 1993. Movements, survival, and reproduction of Sage Grouse translocated into central Idaho. Journal of Wildlife Management 57:85-91.

Musil, D. D., K. P. Reese, and J. W. Connelly. 1994. Nesting and summer habitat use by translocated Sage Grouse (*Centrocercus urophasianus*) in central Idaho. Great Basin Naturalist 54:228-233.

Myers, O. B. 1992. Sage Grouse habitat enhancement: effects of sagebrush fertilization. Ph. D. Dissertation. Colorado State University.

Natural Resources Conservation Service. 2005. Sage-grouse (*Centrocercus spp*.) Fish and Wildlife Management Leaflet No. 26.

Naugle, D. E., C. L. Aldridge, B. L. Walker, T. E. Cornish, B. J. Moynahan, M. J. Holloran, K. Brown, G. D. Johnson, E. T. Scmidtmann, R. T. Mayer, C. Y. Kato, M. R. Matchett, T. J. Christiansen, W. E. Cook, T. Creekmore, R. D. Falise, E. T. Rinkes, and M. S. Boyse. 2004. West Nile virus: pending crisis for Greater Sage-Grouse. Ecology Letters 7:704-713.

Naugle, D. E., C. L. Aldridge, B. L. Walker, K. E. Doherty, M. R. Matchett, J. McIntosh, T. E. Cornish, and M. S. Boyce. 2005. West Nile virus and sage-grouse: what have we learned? Wildlife Society Bulletin 33:616-623.

Naugle, D. E., K. E. Doherty, and B. L. Walker. 2006. Sage-grouse winter habitat selection and energy development In the Powder River Basin: completion report. U. S. Bureau of Land Management, Miles City Field Office. 23pp.

Naugle, D. E., K. E. Doherty, B. L. Walker, H. E. Copeland, and J. D. Tack. 2011. Sage-grouse and cumulative impacts of energy development. Pp. 213-226 *in* P. R. Krausman and L. K. Harris (Eds.). Cumulative effects in wildlife management: impact mitigation. CRC Press, Boca Raton, Florida, USA.

Naugle, D. E., K. E. Doherty, B. L. Walker, M. J. Holloran, and H. E. Copeland. 2011. Chapter twenty – Energy development and Greater Sage-Grouse. Pp. 489-503 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Naugle, D. E., B. L. Walker, and K. E. Doherty. 2006. Sage-grouse population response to coal-bed natural gas development in the Powder River Basin: interim progress report on region-wide lek-count analyses. U. S. Bureau of Land Management, Miles City Field Office. 10 pp.

Neel, L. A. 1980. Sage Grouse response to grazing management in Nevada. M. Sc. Thesis. University of Nevada, Reno.

Nehring, J. A., and C. E. Braun. 2000. Gunnison Sage-Grouse investigations, Poncha Pass Area, Colorado, April-December 1999. Colorado Division of Wildlife, Fort Collins, USA.

Nelle, P. J. 1998. The long-term effect of fire on Sage Grouse nesting and brood-rearing habitat on the Upper Snake River Plain. M. Sc. Thesis. University of Idaho.

Nelle, P. J., K. P. Reese, and J. W. Connelly. 2000. Long-term effects of fire on Sage Grouse habitat. Journal of Range Management 53:586-591.

Nelson, B. A. 1955. Some interesting facts about our pheasant and Sage Grouse seasons. South Dakota Conservation Digest 22(11):2-4.

Nelson, O. C. 1955. A field study of the Sage Grouse in southeastern Oregon with special reference to reproduction and survival. M. Sc. Thesis. Oregon State University, Corvallis. 113pp.

Nevada Department of Wildlife. 2004. Greater Sage-Grouse conservation plan for Nevada and eastern California. 118pp.

Niemuth, N. D. 1992. Effects of nest predation on breeding biology of Sage Grouse (*Centrocercus urophasianus*). M. Sc. Thesis. University of Wyoming.

Niemuth, N. D., and M. S. Boyce. 1995. Spatial and temporal patterns of predation of simulated Sage Grouse nests at high and low nest densities: and experimental study. Canadian Journal of Zoology 73:819-825.

Nisbet, R. A., S. H. Berwick, and K. L. Reed. 1983. A spatial model of Sage Grouse habitat quality. Developments in Environmental Modelling 5:267-276.

Northeast Wyoming Sage-Grouse Working Group. 2006. Northeast Wyoming Sage-

Grouse conservation plan. 177pp.

Oakleaf, R. J. 1971. The relationship of Sage Grouse to upland meadows in Nevada. M. Sc. thesis. University of Nevada, Reno, Nevada.

Oakleaf, R. J. 1971. The relationship of Sage Grouse to upland meadows in Nevada. Job Final Report, Federal Aid Project W-48-2. Nevada Department of Fish and Game. 64pp.

Ober, E. H. 1920. The life history of the Sage Hen. California Fish and Game 6:12-14.

O'Brien, M., and R. Barton-Russell. 2007. Home is where sagebrush is (and bugs, green forbs, and tall grass): An assessment of six areas in Utah where Greater Sage-Grouse live. Public Report. Grand Canyon Trust. 60pp.

Obst, B. S., and J. M. Diamond. 1989. Interspecific variation in sugar and amino acid transport in the avian cecum. Journal of Experimental Zoology Suppl. 3:117-126.

Oesterle, P., R. McLean, M. Dunbar, and L. Clark. 2005. Husbandry of wild-caught Greater Sage-Gouse. Wildlife Society Bulletin 33:1055-1061.

Onyeahialam, A., F. Huettman, and S. Bertazzon. 2005. Modeling Sage Grouse: Progressive computational methods for linking a complex set of local, digital biodiversity and habitat data towards global conservation statements and decision-making systems. Lecture Notes in Computer Science. 3482:152-161.

Ottomeier, A. A., and J. A. Crawford. 1996. Revised measurements for classifcation of age of Sage Grouse from wings. California Fish and Game 82:61-65

Oyler, S. J., C. E. Braun, and K. P. Burnham. 1996. Development of a habitat-based model to predict Sage Grouse use in southwestern Colorado. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Oyler, S. J., C. E. Braun, and K. P. Burnham. 1997. Use of habitat-based model to predict Sage Grouse *Centrocercus urophasianus* occupancy of patches in southwestern Colorado. Wildlife Biology 3:282. Abstract only.

Oyler-McCance, S. J. 1999. Genetic and habitat factors underlying conservation strategies for Gunnison Sage Grouse. Ph. D. Dissertation. Colorado State University.

Oyler-McCance, S. J., K. P. Burnham, and C. E. Braun. 2001. Influence of changes in sagebrush on Gunnison Sage Grouse in southwestern Colorado. Southwestern Naturalist 46:323-331.

Oyler-McCance, S. J., N. W. Kahn, K. P. Burnham, C. E. Braun, and T.W. Quinn. 1999. A population genetic comparison of large- and small-bodied Sage Grouse in Colorado using microsatellite and mitochondrial DNA markers. Molecular Ecology 8:1457-1466.

Oyler-McCance, S. J., and J. St. John. 2010. Characterization of small microsatellite loci for use in non invasive sampling studies of Gunnison Sage-Grouse (*Centrocercus minimus*). Conservation Genetics Resources 2:17-20.

Oyler-McCance, S. J., J. St. John, S. E. Taylor, A. D. Apa, and T. W. Quinn. 2005. Population genetics of Gunnison Sage-Grouse: implications for management. Journal of Wildlife Management 69:630-637.

Oyler-McCance, S. J., and T. W. Quinn. 2011. Chapter five – Molecular insights into the biology of Greater Sage-Grouse. Pp. 85-94 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Oyler-McCance, S. J., S. E. Taylor, and T. W. Quinn. 2005. A multilocus population genetic survey of the Greater Sage-Grouse across their range. Molecular Ecology 14:1293-1310.

Pack, A. N. 1935. Chickens of the sagebrush, II. Nature Magazine 25:169-171.

Padget, G. 1957. Sage country showman. Wyoming Wildlife 21(9):4-6.

Parker, R. P., C. B. Phillip, and G. E. Davis. 1932. Tularemia: occurrence in the sage hen, *Centrocercus urophasianus*. U.S. Public Health Report. 47:479-487.

Patricelli, G. L., and A. H. Krakauer. 2010. Tactical allocation of effort among multiple signals in sage grouse: an experiment with a robotic female. Behavioral Ecology 21:97-106.

Patricelli, G. L., and A. H. Krakauer. 2011. Assets and tactics in a mating market: economic models of negotiation offer insights into animal courtship dynamics on the lek. Current Zoology XXX:XXX-XXX (online early). (Greater Sage-Grouse).

Patterson, R. L. 1949. Sage Grouse along the Oregon Trail. Wyoming Wildlife 13(8):1-16.

Patterson, R. L. 1950. Sage Grouse populations and land-utilization patterns in the Mountain West. Transactions of the North American Wildlife Conference 15:384-398.

Patterson, R. L. 1950. Sage Grouse populations and land-utilization patterns in the Mountain West. Wyoming Wildlife 14(5):4-11, 29-35.

Patterson, R. L. 1950. The Sage Grouse in the Upper Green River Basin. Proceedings of the Western Association of State Game and Fish Commissioners 30:173-179.

Patterson, R. L. 1950. The 1950 Sage Grouse hunting season. Wyoming Wildlife 14(10):18-21, 38.

Patterson, R. L. Sage Grouse hunting seasons. Wyoming Wildlife 16(7):10-13.

Patterson, R. L. 1952. The Sage Grouse in the upper Green River Basin of Wyoming. Ph. D. Dissertation. University of Wyoming.

Patterson, R. L. 1952. The Sage Grouse in Wyoming. Sage Books, Denver, Colorado. 314pp.

Patterson, R. L., and D. Cram. 1949. Sage Grouse in the west. Wyoming Wildlife 13(10):10-13.

Pearson, S. M. 2004. Conservation genetics of Greater Sage-Grouse (*Centrocercus urophasianus*) determined by markers in nuclear introns. M. Sc. Thesis. University of Denver.

Pearson, T. G. 1917. The Sage Grouse. Bird-Lore 19:112-115.

Pedersen, E. K. 2001. Effect of sheep grazing and fire on Sage Grouse populations in southeastern Idaho. Ph. D. Dissertation. Texas A&M University.

Pedersen, E. K., J. W. Connelly, J. R. Hendrickson, and W. E. Grant. 2003. Effect of sheep grazing and fire on Sage-Grouse populations in southeastern Idaho. Ecological Modeling 165:23-47.

Pennycuick, C. J., M. R. Fuller, J. J. Oar, and S. J. Kirkpatrick. 1994. Falcon versus grouse: Flight adaptations of a predator and its prey. Journal of of Avian Biology 25:39-49.

Perkins, C. J. 2010. Ecology of isolated Greater Sage-Grouse populations inhabiting the Wildcat Knolls and Horn Mountain, southcentral Utah. M. Sc. Thesis. Utah State University. 110pp.

Perkins, C., and T. A. Messmer. 2008. Ecology of Greater Sage-Grouse populations inhabiting Wildcat Knolls and Horn Mountains, southcentral Utah. 2008 Annual Report. Jack H. Berryman Institute, Department of Wildland Resources, Utah State University, Logan, UT. 17pp.

Petersen, B. E. 1980. Breeding and nesting ecology of female Sage Grouse in North Park, Colorado. M. Sc. thesis. Colorado State University, Forth Collins, Colorado.

Petersen, B. E., and C. E. Braun. 1980. Patterns of growth rates and weight gain by juvenile Sage Grouse. Journal of the Colorado-Wyoming Academy of Science 12:43.

Petersen, S., R, Miller, A. Yost, and M. Gregg. 2009. Describing Greater Sage-Grouse (*Centrocercus urophasianus*) nesting habitat at multiple spatial scalesin southeastern Oregon. Pp:61-67 *IN*: Range Field Day 2009 Progress Report, Special Report 1092. Oregon State University and U.S.D.A.

Peterson, J. G. 1969. Ecological effects of chemical and mechanical sagebrush control: food habits and summer distribution of juvenile Sage Grouse in central Montana. Montana Fish and Game Department. 39 pages.

Peterson, J. G. 1969. The food habits and summer distribution of juvenile sage grouse in central Montana. M. Sc. thesis. Montana State University, Bozeman. 39 pp.

Peterson, J. G. 1970. The food habits and summer distribution of juvenile Sage Grouse in central Wyoming. Journal of Wildlife Management 34:147-155.

Peterson, J. G. 1970. Gone with the sage. Montana Outdoors 5(9):1-3.

Peterson, J. G. 1973. Gone with the sage. Proceedings of the Western States Sage Grouse Workshop 8:50. (abstract only, Sage Grouse).

Phillips, T. A. 1972. Information concerning sagebrush stand density and its effect on Sage Grouse habitat. U. S. Forest Service Intermountain Region, Range Improvement Notes 17(1):3-9.

Poley, B. E. 1969. Seasonal movements of Sage Grouse in Colorado. Journal of Colorado Field Ornithologists 5:1-4.

Popham, G. P. 2000. Sage Grouse nesting habitat in northeastern California. M. Sc. Thesis. Humbolt State University.

Popham. G. P., and R. J. Gutierrez. 2003. Greater Sage-Grouse *Centrocercus urophasianus* nesting success and habitat use in northeastern California. Wildlife Biology 9:327-334.

Postovit, B. C. 1981. Suggestions for Sage Grouse habitat reclamation on surface mines in northeastern Wyoming. M. Sc. thesis. University of Wyoming, Laramie, WY.

Pounds, M. A. 1997. Sagebrush (*Artemisia tridentata*) restoration in altered Sage

Grouse (*Centrocercus urophasianus*) habitat of the Yakima Training Center in central Washington. M. Sc. Thesis. Central Washington University.

Prather, P. R. 2010. Factors affecting Gunnison Sage-Grouse (*Centrocercus minimus*) conservation in San Juan County, Utah. Ph. D. Dissertation. Utah State University. 126pp.

Prather, P. R., T. A. Messmer. 2010. Raptor and corvid response to power distribution line perch deterrents in Utah. Journal of Wildlife Management 74:796-400. (Gunnison Sage-Grouse).

Prellwitz, D. M. 2002. Greater Sage Grouse at Bowdoin National Wildlife Refuge, Montana. Intermountain Journal of Science 8:115-116.

Presnall, C. C., and A. Wood. 1953. Coyote predation on Sage Grouse. Journal of Mammalogy 34:127.

Pyke, D. A. 2011. Chapter twenty-three – Restoring and rehabilitating sagebrush habitats. Pp. 531-548 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Pyle, W. H. 1992. Response of brood-rearing habitat of Sage Grouse to prescribed burning in Oregon. M. Sc. thesis. Oregon State University.

Pyle, W. H., and J. A. Crawford. 1996. Availability of foods for Sage Grouse chicks following prescribed burning in sagebrush-bitterbrush. Journal of Range Management 49:320-324.

Pyrah, D. B. 1954. A preliminary study toward Sage Grouse management in Clark and Fremont counties based on season movements. M. Sc. Thesis. University of Idaho, Moscow.

Pyrah, D. B. 1958. Sage Grouse seasons – early vs. late. Wyoming Wildlife 22(9):5-8.

Pyrah, D. B. 1958. Wyoming's Sage Grouse management program. Proceedings of the Western Association of State Game and Fish Commissioners 38:184-186.

Pyrah, D. B. 1959. Sage Grouse population trend and trapping study. Wyoming Game and Fish Commission, Job Completion Report, Project W-50-R-8. 27pp.

Pyrah, D. B. 1960. Eden Valley chicken seasons. Wyoming Wildlife 24(1):26-29.

Pyrah, D. B. 1963. Sage Gouse investigations. Idaho Fish Game Department, Wildlife Restoration Division Job Completion Report, project W-125-R-2. 71pp.

Pyrah, D. 1964. Sage chickens in captivity. Game Bird Breeders, Pheasant Fanciers, and Aviculturalist's Gazette 13(9):10-11.

Pyrah, D. B. 1969. Habitat selection and food habit studies of Sage Grouse in Montana. Proceedings of the Western States Sage Grouse Workshop 6:168-173.

Pyrah, D. 1970. Effects of chemical and mechanical sagebrush control on Sage Grouse. Pages 54-61. Ecological effects of chemical and mechanical sagebrush control. Montana Fish and Game Department, Job Progress Report W-105-R-6, 79pp., Montana Fish and Game Department Job Progress Report, Project W-105-R-4. 120pp.

Pyrah, D. B. 1971. Sage Grouse habitat research in Central Montana. Proceedings of the Western Association of State Game and Fish Commissioners 51:293-300.

Pyrah, D. B. 1972. Effects of chemical and mechanical sagebrush control on Sage Grouse. Subject: Dropping counts, pages 16-25. Ecological effects of chemical and mechanical sagebrush control. Montana Fish and Game Department., Job Completion Report, W-105-R-6. 79pp.

Pyrah, D. B. 1973. Sage Grouse dropping count studies. Proceedings of the Western States Sage Grouse Workshop 8:53-54. (abstract only).

Quimby, D. C. 1966. A review of literature relating to the effects and possible effects of sagebrush control on certain game species in Montana. Proceedings of the Western Association of State Game and Fish Commissioners 46:142-149.

Quinn, T. W., N. W. Kahn, J. R. Young, N. G. Benedict, S. Wood, D. Mata, and C. E. Braun. 1997. Probing the evolutionary history of Sage Grouse *Centrocercus urophasianu*s populations using mitochondrial DNA sequence. Wildlife Biology 3:291. Abstract only.

Quinn, T. W., N. W. Kahn, J. R. Young, C. E. Braun, and M. Sarel. 1994. Biogeographical distribution of mtDNA control region haplotypes in Sage Grouse. Journal of Ornithology 135:350 (abstract only).

Ramsey, F. L., M. McCracken, J. A. Crawford, M. S. Drut, and W. J. Ripple. 1994. Habitat association studies of the Northern Spotted Owl, Sage Grouse, and Flammulated Owl. Pp. 189-209 *in* Case Stud. in Biometry. John Wiley & Sons, Inc.

Rasmussen, D. I., and L. A. Griner. 1938. Life history and management studies of the Sage Grouse in Utah, with special reference to nesting and feeding habits. Transactions of the 3rd. North American Wildlife Conference 3:852-864.

Rebholz, J. L. 2007. Influence of habitat characteristics on Greater Sage-Grouse

reproductive success in the Montana Mountains, Nevada. M. Sc. Thesis. Oregon State University. 64pp.

Rebholz, J. L., W. D. Robinson, and M. D. Pope. 2009. Nest site characteristics and factors affecting nest success of Greater Sage-Grouse. The Open Ornithology Journal 2:1-6.

Reese, K. P., and R. T. Bowyer (Eds.) 2007. Monitoring populations of sage-grouse. Idaho State University College of Natrual Resources Experiment Station Bulletin 88.

Reese, K. P., and J. W. Connelly. 1997. Translocations of Sage Grouse *Centrocercus urophasianus* in North America. Wildlife Biology 3:235-241

Reese, K. P., and J. W. Connelly. 2011. Chapter seven – Harvest management for Greater Sage-Grouse – a changing paradigm for game bird management. Pp. 101-111 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Reese, K. P., J. W. Connelly, E. O. Garton, and M. L. Commons-Kemner. 2005. Exploitation and Greater Sage-Grouse Centrocercus urophasianus: a response to Sediger and Rotella. Wildlife Biology 11:377-381.

Remington, T. E. 1982. Game bird Survey: Responses of Sage Grouse to vegetation fertilization. Project Number: COLO. W-037-R-35/WK.PL.03/JOB 13. Colorado Division of Wildlife. 239 pages.

Remington, T. E. 1983. Food selection, nutrition, and energy reserves of Sage Grouse during winter, North Park, Colorado. M. Sc. thesis. Colorado State University, Ft. Collins, Colorado. 89 pages.

Remington, T. E. 1986. Avian research: Responses of Sage Grouse to vegetation fertilization. Job Final Report. Period Covered: 1 September 1980 - 30 June 1983. Project 01-00-045 (W-37-R), WP 3, Job 13b. Colorado Division of Wildlife.

Remington, T. E., and C. E. Braun. 1985. Sage Grouse food selection in winter, North Park, Colorado. Journal of Wildlife Management 49: 1055-1061.

Remington, T. E., and C. E. Braun. 1988. Carcass composition and energy reserves of Sage Grouse during winter. Condor 90:15-19.

Remington, T. E., and C. E. Braun. 1991. How surface coal mining affects Sage Grouse, North Park, Colorado. Pages 128-132 *in* Proceedings, Issues and Technology in the Management of Impacted Western Wildlife, No. 5. Thorne Ecological

Institute.

Rensel, J. A., and C. M. White. 1988. First description of hybrid Blue x Sage Grouse. Condor 90:716-717

Rett, E. Z. 1946. The Sage Grouse dance. Santa Barbar Museum Leaflet 21(4-6):39-45.

Reynolds, T., and C. Collins. 2004. Greater Sage-Grouse and wind power development: the Cotterel Mountain study. Grouse Partnership News 5:17-19.

Reynolds, T. D., and C. I. Hinckley. 2005. Greater Sage-Grouse lek surveys and lek counts on Cotterel Mountain. 2005 Results. Rigby, ID: TREC, Inc.

Rich, T. 1985. Sage Grouse population fluctuations: Evidence for a 10-year cycle. USDI Bureau of Land Management Technical Bulletin 85-1.

Rich, T. 2001. The Greater Sage-Grouse as an umbrella species. Grouse Partnership News. 2:20.

Rich, T. D., M. J. Wisdom, and V. A. Saab. 2005. Conservation of priority birds in sagebrush ecosystems. Pp. 589-606 IN: Proceedings Third International Partners in Flight Conference. USDA Forest Service General Technical Report PSW 191. (Greater Sage-Grouse).

Risser, A. C. Jr. 1980. Sage Grouse: springtime performers. Zoonoos 53(3):5-9.

Ritchie, M. E., M. L. Wolfe, and R. Danvir. 1994. Predation of artificial Sage Grouse nests in treated and untreated sagebrush. Great Basin Naturalist. 54:122-129.

Rhodes, E. C., J. D. Bates, R. N. Sharp, K. W. Davies. 2010. Fire effects on cover and dietary resources of Sage-Grouse habitat. Journal of Wildlife Management 74:755-764.

Robel, R. 2001. Range management for North American grouse. Pp.37-51 *IN*: Phillips, J.D.P., D. B. A. Thompson, and W. H. Gruellich (Eds.). 2001. Integrated upland management for wildlife, field sports, agriculture & public enjoyment. Scottish Natural Heritage, Battleby.

Roberson, J. A. 1986. Sage grouse-sagebrush relationships: A review. Pages 157-167 *in* E. D. McArthur and B. L. Welch, editors. Proceedings of the symposium on the biology of *Artemisia* and *Chrysothamnus*, 1984 July 9-13; Provo, UT. General Technical Report INT-200. USDA Forest Service, Intermountain Research Station, Ogden, UT.

Robertson, M. D. 1991. Winter ecology of migratory Sage Grouse and associated effects of prescribed fire in southeastern Idaho. M. Sc. Thesis, University of Idaho.

Robinson, J. D. 2007. Ecology of two geographically distinct Greater Sage-Grouse populations inhabiting Utah's West Desert. M. Sc. Thesis. Utah State University. 131pp.

Robinson, J. D., and T. A. Messmer. 2006. Factors affecting Greater Sage-Grouse (*Centrocercus urophasianus*) habitat use in Utah's West Desert. 2005 Annual Report to Great Salt Lakes Resource Conservation and Development Council, U. S. Forest Service, Utah Division of Wildlife Resources, and West Desert Adaptive Resource Management Local Working Group. 15pp.

Robinson, R. T. 1972. Grouse of the Canadian Prairies. Animals 14:342-345.

Rocklage, A. M., F. B. Edelmann, and V. R. Pope. 2003. Distribution of Sage and Sharp-tailed Grouse in Hells Canyon and transmission line corridors associated with the Hells Canyon Complex. Idaho Power Company. Technical Report Appendix E.3.2-8. Sept. 2001 (revised July 2003).

Rodriquez, R. L. 1988. Sage Grouse habitat locations and soil-plant relationships in Strawberry Valley, Utah. M. Sc. Thesis. Brigham Young University.

Rogers, G. E. 1963. The Sage Grouse of Colorado. Colorado Outdoors 12(3):22-34.

Rogers, G. E. 1964. Sage Grouse investigations in Colorado. Colorado Game, Fish, and Parks Department Technical Publication 16. 132pp.

Roscoe, J. W. 2002. Sage Grouse movements in southwestern Montana. Intermountain Journal of Science 8:94-104.

Rosentreter, R. 2005. Sagebrush identification, ecology, and palatability relative to Sage-Grouse. Pp. 3-16 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, Idaho. USDA Forest Service, RMRS-P-38.

Rothenmaier, D. 1979. Sage Grouse reproductive ecology: breeding season movements, strutting ground and site characteristics, and nesting. M. Sc. Thesis, University of Wyoming, Laramie. 97pp.

Rothwell, R. 1993. Antelope, Sage Grouse, and neotropical migrants. Pages 396-401 *in* D. M. Finch and P. W. Stangel, editors. Status and management of neotropical migratory birds. General Technical Report RM-229. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. Fort Collins, Colorado. 442 pages.

Rowland, M. M. 2004. Effects of management practices on grassland birds: Greater Sage-Grouse. Northern Prairie Wildlife Research Center, Jamestown, North

Dakota. 47 pp.

Rowland, M. M., and M. J. Wisdom. 2002. Sage-Grouse Bibliography. Internet document. 95pp.

Rowland, M. M., and M. J. Wisdom. 2002. Research problem analysis for Greater Sage-Grouse in Oregon. Final Report to Oregon Department of Fish and Wildlife 75pp.

Rowland, M. M., M. J. Wisdom, L. H. Suring, and C. W. Meinke. 2006. Greater Sage-Grouse as an umbrella species for sagebrush-associated vertebrates. Biology Conservation 129:323-335.

Ryan, M. M., and B. Schultz. 2006. Nevada sage grouse conservation planning facilitation study. Nevada Cooperative Extension. 22pp.

Ryder, R. A. 1969. A partial bibliography of references on the Sage Grouse, (*Centrocercus urophasianus*). Proceedings of the Western States Sage Grouse Workshop 6:48-83.

S., W. 1920. Horsfall on the habits of the Sage Grouse. Auk 37:474.

Sage- and Columbian Sharp-tailed Grouse Technical Committee, Western Association of Fish and Wildlife Agencies. 2008. Greater Sage-Grouse population trends: an analysis of lek count databases 1965-2007. 126 pp.

Salt, W. R. 1958. *Sarcocystis rileyi* in Sage Grouse. Journal of Parasitology 44:511.

Salvo, M. 2001. Declining sage grouse in the American west: can the threat of listing this species help transform the Bureau of Land Management? Endangered Species Update 18:69-74.

San Juan County Gunnison Sage-Grouse Working Group. 2003. Gunnison Sage-Grouse, *Centrocercus minimus*, conservation plan update, San Juan County, Utah. 44pp.

Sands, A. 1996. Columbian Sharp-tailed Grouse and Sage Grouse: Ecosystem health indicators? (Abstract). *In* Twentieth Western States Sage and Columbian Sharp-tailed Grouse Workshop Transactions (O. O. Oedekovin, ed.). Gillette, Wyoming.

Sandys, E., and T. S. Van Dyke 1902. Upland Game Birds. McMillan.

Sauls, H. S. 2006. The role of selective foraging and cecal microflora in Sage-Grouse nutritional ecology. M. Sc. Thesis. University of Montana.

Savage, D. E. 1968. The relationship of Sage Grouse to upland meadows in Nevada. M. Sc. thesis. University of Nevada, Reno, Nevada. 127 pages.

Savage, D. E. 1969. The relationship of Sage Grouse to upland meadows in Nevada. Transactions of the Annual Meeting California-Nevada Section, The Wildlife Society 16:8-17.

Savage, D. E. 1969. The relationship of Sage Grouse to upland meadows in Nevada. Nevada Fish and Game Commission, Job Complettion Report, Project W-39-R-9. 101pp.

Savage, D. E. 1969. The relationship of Sage Grouse to upland meadows in Nevada. Proceedings of the Wetsern States Sage Grouse Workshop 6:134-141.

Schladweiler, P. 1973. Breeding season movements and habitat use of male Sage Grouse in central Montana. Proceedings of the Western States Sage Grouse Workshop 8:37-38. (abstract only).

Schlatterer, E. F. 1960. Productivity and movements of a population of Sage Grouse in southeastern Idaho. M. Sc. Thesis. University of Idaho, Moscow. 87pp.

Schneegas, E. R. 1967. Sage Grouse and sagebrush control. Transactions of the North American Wildlife and Natural Resources Conference 32:270-274.

Schnurr, P., T. Remington, T. Apa, B. Petch, R. Sell, K. Eichoff, K. Kaal, and P.S. Miller (eds.). 2006. Greater Sage Grouse in Colorado: Statewide Conservation Planning Workshop Report. IUCN/SSC Conservation Breeding Specialist Group, Apple Valley, Minnesota. 134pp.

Schoenberg, T. J. 1982. Game bird survey: Potential impacts of strip mining on Sage Grouse movements and habitat use. Project Number: COLO. W-037-R-35/WK.PL.03/JOB 12/FIN. Colorado Division of Wildlife. 147 pages.

Schoenberg, T. J. 1982. Sage Grouse movements and habitat selection in North Park, Colorado. M. Sc. thesis. Colorado State University, Fort Collins, Colorado. 83pp.

Schoenberg, T. J., and C. E. Braun. 1980. Spring habitat use by male and female Sage Grouse. Journal of the Colorado-Wyoming Academy of Science 12:43-44.

Schoenburg, T. J., and C. E. Braun. 1982. Potential impacts of strip mining on Sage Grouse movements and habitat use. Colorado Division of Wildlife Job Completion Report. Federal Aid Project W-37-R-35, Work Plan 3, Job 12.

Schrag, A., S, Konrad, S. Miller, B. Walker, and S. Forrest. 2010. Climate-change impacts on sagebrush habitat and West Nile virus transmission risk and

conservation implications for Greater Sage-Grouse. GeoJournal XXX:XXX-XXX (online early).

Schroeder, M. A. 1992. Productivity and habitat use of Sage Grouse in North-central Washington. 1992 Report. Washington Department of Wildlife. 13pp.

Schroeder, M. A. 1994. Movement and habitat use of Sage Grouse in a fragmented landscape. Northwest Science 68:149.

Schroeder, M. A. 1996. Sage Grouse and the conservation reserve program in north-central Washington. Grouse News 12:9-11.

Schroeder, M. A. 1997. Unusually high reproductive effort by Sage Grouse in a fragmented habitat in north-central Washington. Condor 99:933-941.

Schroeder, M. A. 1997. Do Sage Grouse *Centrocercus urophasianus* exhibit metapopulations in northcentral Washington, USA? Wildlife Biology 3:269. Abstract only.

Schroeder, M. A. 2001. Job Progress Report Federal Aid in Wildlife Restoration: Upland bird population dynamics and management. Project #3. Progress Report. Washington Department of Fish and Wildlife, Olympia, WA. 121pp.

Schroeder, M. A., C. L. Aldridge, A. D. Apa, J. R. Bohne, C. E. Braun, S. D. Bunnell, J. W. Connelly, P. A. Deibert, S. C. Gardner, M. A. Hilliard, G. D. Kobriger, S. M. McAdam, C. W. McCarthy, J. J. McCarthy, D. L. Mitchell, E. V. Rickerson, and S. J. Stiver. 2004. Distribution of Sage-Grouse in North America. Condor 106:363-376.

Schroeder, M., M. Atamian, H. Ferguson, M. Finch, and D. Stinsen. 2008. Re-introduction of Sage Grouse to Lincoln County, Washington: Progress Report. Washington Department of Fish and Wildlife 21pp.

Schroeder, M. A., J. W. Connelly, C. L. Wambolt, C. E. Braun, C. A. Hagen, and M. R. Frisina. 2006. Society for Range Management Issue Paper: Ecology and management of sage-grouse and sage-grouse habitat – A reply. Rangelands 28(3):3-7.

Schroeder, M.A., D. W. Hays, M. F. Livingston, L. E. Stream, J. E. Jaconson, and J. D. Pierce. 2000. Changes in the distribution and abundance of Sage Grouse in Washington. Northwestern Naturalist 81:104-112.

Schroeder, M. A., and L. A. Robb. 2003. Fidelity of Greater Sage-Grouse *Centrocercus urophasianus* to breeding areas in a fragmented landscape. Wildlife Biology 9:291-299.

Schroeder, M. A., and W. M. Vander Haegen. 2006. Use of CRP fields by Greater Sage-Grouse and other shrubsteppe associated wildlife in Washington. Final Report to USDA Farm Service Agency. Washington Departement of Fish and Wildlife, Olympia, Washington. 39pp.

Schroeder, M. A., and W. M. Vander Haegen. 2011. Chapter twenty-two – Response of Greater Sage-Grouse to the Conservation Reserve Program in Washington state. Pp. 517-529 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Schroeder, M. A., J. R. Young, and C. E. Braun. 1999. Sage Grouse. The Birds of North America, N0. 425.

Schultz, B. 2004. Analysis of studies used to develop herbaceous height and cover guidelines for Sage Grouse nesting habitat. University of Nevada Cooperative Extension Special Publication SP-04-11.

Scott, J. W. 1941. Behavior of the Sage Grouse during the mating cycle. Bulletin of the Ecological Society of America 22(4):38 .

Scott, J. W. 1942. Mating behavior of the Sage Grouse. Auk. 59:477-498.

Scott, J. W. 1944. A study of the comparative behavior of three species of grouse. Journal of the Colorado-Wyoming Academy of Science 4:58-59.

Scott, J. W. 1950. A study of the phylogenetic or comparative behavior of three species of grouse. Annals of the New York Academy of Science 51:1062-1073.

Scott, J. W. 1950. Additional observations on the Sage Grouse. Anatomical Record 108:552.

Scott, J. W. 1954. Size variation in *Eimeria* of the Sage Grouse. Journal of the Colorado-Wyoming Academy of Science 4:60.

Scott, J. W., and R. F. Honess. 1933. On a serious outbreak of coccidiosis among Sage Chickens. Journal of the Colorado-Wyoming Academy of Science 1(5):87-88. (abstract only).

Scott, J. W., and R. F. Honess. 1937. A further investigation of Coccidia in the sage hen. Journal of the Colorado-Wyoming Academy of Science 2(2):48.

Scott, M. D., and G. M. Zimmerman. 1984. Wildlife management at surface coal mines in the northwest. Wildlife Society Bulletin 12:364-370.

Sdmeegas, E. R. 1967. Sage Grouse and sagebrush control. Transactions of the North

American Wildlife Conference 32:270-274.

Sedgwick, J. A. 2004. Habitat restoration for Gunnison and Greater Sage-Grouse – A literature review. Prepared for the U.S. Department of Interior Bureau of Land Management Gunnison Field Office. 64pp.

Sedinger, J. S., and J. J. Rotella. 2005. Effect of harvest on Sage-Grouse *Centrocercus urophasianus* populations: what can we learn from the current data? Wildlife Biology 11:371-375.

Sedinger, J. S., G. C. White, S. Espinosa, E. T. Partee, and C. E. Braun. 2010. Assessing compensatory verses additive harvest mortality: an example using Greater Sage-Grouse. Journal of Wildlife Management 74:326-332.

Semple, K., R. K. Wayne, and R. M. Gibson. 2003. Microsatellite analysis of female mating behaviour in lek-breeding Sage Grouse. Molecular Ecology 10:2043-2048.

Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, Idaho. USDA Forest Service, RMRS-P-38. 130pp.

Shepherd, J. F. 2006. Landscape-scale habitat use by Greater Sage-Grouse (*Centrocercus urophasianus*) in southern Idaho. Ph. D. Dissertation University of Idaho. 190pp.

Sherfy, M. H. 1992. The influence of season, temperature, and wind speed on Sage Grouse metabolism. M. Sc. thesis. University of New Hampshire, Durham, NH. 65 pages.

Sherfy, M. H., and P. J. Pekins. 1994. The influence of season, temperature, and absorptive state on Sage Grouse metabolism. Canadian Journal of Zoology 72:898-903.

Sherfy, M. H., and P. J. Pekins. 1995. Influence of wind speed on Sage Grouse metabolism. Canadian Journal of Zoology 73:749-754.

Shurtliff, G. R., and J. C. Whiting. 2009. Annual report of surveys for historic Sage-Grouse leks on the Idaho National Laboratory Site. Prepared for: U.S. Department of Energy-Idaho Operations Office Environmental Surveillance, Education and Research Program Contract No. DE-AC07-06ID14680. STOLLER-ESER-124. 14pp.

Sika, J. L. 2006. Breeding ecology, survival rates, and causes of mortality of hunted and nonhunted Greater Sage-Grouse in central Montana. M. Sc. Thesis. Montana State University, Bozeman. 118pp.

Sime, C. A. 1991. Sage Grouse use of burned, non-burned, and seeded vegetation communities on the Idaho National Engineering Laboratory, Idaho. M. Sc. Thesis. Montana State University. 61pp.

Simon, F. 1937. A new cestode, *Raillietina centrocerci*, from the Sage Grouse, *Centrocercus urophasianus*. American Microscopical Society 56:340-343 .

Simon, F. 1939. *Cheilospirura centrocerci*, a new nematode from the Sage Grouse, *Centrocercus urophasianus*. American Microscopical Society 58:78-80.

Simon, F. 1939. *Eimeria centrocerci* n. sp. du *Centrocercus urophasianus* (coq de Bruyere). Annals of Parasitology 17:137-138.

Simon, F. 1940. The parasites of the Sage Grouse. University of Wyoming Publication 7:77-100.

Simon, J. R. 1940. Mating performance of the Sage Grouse. Auk 57:467-471.

Slater, S. J. 2003. Sage Grouse (*Centrocercus urophasianus*) use of different-aged burns and the effects of coyote control in southwestern Wyoming. M. Sc. Thesis. University of Wyoming.

Slater, S. J., and J. P. Smith. 2010. Effectiveness of raptor perch deterrents on an electrical transmission line in southwestern Wyoming. Journal of Wildlife Management 74:1080-1088. (Greater Sage-Grouse).

Slosson, J. R., and L. A. McKibben. 1970. Upland game investigations: Operational management plan for Sage Grouse. California Department of Fish and Game. 72 pages.

Smith, J. T. 2003. Greater Sage Grouse on the edge of their range: leks and surrounding landscapes in the Dakotas. M. Sc. Thesis. South Dakota State University.

Smith, J. T., L. D. Flake, K. F. Higgins, and G. D. Kobriger. 2004. History of Greater Sage-Grouse in the Dakotas: distribution and population trends. Prairie Naturalist 36:213-230.

Smith, J. T., L. D. Flake, K. F. Higgens, and G. D. Kobriger. 2006. Microhabitat characteristics relative to lek abandonment by Greater Sage Grouse in the Dakotas. Intermountain Journal of Sciences 12:1-11.

Smith, J. T., L. D. Flake, K. F. Higgens, G. D. Kobriger, and C. G. Homer. 2005. Evaluating lek occupancy of Greater Sage-Grouse in relation to landscape cultivation in the Dakotas. Western North American Naturalist 65:310-320.

Smith, L. S. 2009. Greater Sage-Grouse and energy development in northeastern Utah: implications for management. M. Sc. Thesis, Utah State University, Logan, Utah, USA.

Smith, L. S. 2010. Greater Sage-Grouse and energy development in northeastern Utah: implications for management. M. Sc. Thesis, Utah State University. Grouse News 39:29. (Abstract only).

Smith, L. S., and T. A. Messmer 2008. Greater Sage-Grouse ecology and response to natural gas development in northeastern Utah. 2007 Annual Report to: Utah Division of Wildlife Resources, Enduring Resources L.L.C., Ute Tribe Fish and Wildlife Department, Bureau of Land Management, Uinta Basin Adaptive Resource Management Local Working Group. 16pp.

Smith, L. S., and T. A. Messmer. 2008. Ecology of the Seep Ridge Greater Sage-Grouse Population: Implications for Conservation and Management. 2008 Annual Report to: Utah Division of Wildlife Resources, Enduring Resources L.L.C., Ute Tribe Fish and Wildlife Department, Bureau of Land Management, Uinta Basin Adaptive Resource Management Local Working Group, and Anadarko Petroleum Corporation. 18pp.

Snyder, J. W., E. C. Pelren, and J. A. Crawford. 1999. Translocation histories of prairie grouse in the United States. Wildlife Society Bulletin 27:428-432.

Spurrier, M. F. 1989. Courtship behavior in *Centrocercus urophasianus*. M. Sc. thesis. University of Wyoming. 70 pages.

Spurrier, M. F., M. S. Boyce, and B. F. Manly. 1994. Lek behaviour in captive Sage Grouse *Centrocercus urophasianus*. Animal Behaviour 47:303-310.

Spurrier, M. F., M. S. Boyce, and B. F. J. Manly . 1991. Effects of parasites on mate choice by captive Sage Grouse. Pages 389-398 *in* J. E. Loye and M. Zuk, editors. Bird-Parasite Interactions: Ecology, evolution, and behaviour. Oxford Ornithological Series 2.

Stabler, R. M., C. E. Braun, and T. D. I. Beck. 1977. Hematozoa in Sage Grouse from Colorado. Journal of Wildlife Diseases 13:414-417.

Stabler, R. M., P. A. Holt, and N. J. Kitzmiller . 1966. *Trypanosoma avium* in the blood and bone marrow from 677 Colorado birds. Journal of Parasitology 52:1141-1144.

Stabler, R. M., N. J. Kitzmiller, and C. E. Braun. 1981. Redescription of *Eimeria centrocerci* from Sage Grouse (C*entrocercus urophasianus*). Transactions of the American Microscopical Society 100:86-89.

Stanton, D. C. 1958. A study of breeding and reproduction in a Sage Grouse population in southeastern Idaho. M. Sc. thesis. University of Idaho, Moscow, Idaho.

Stevens, B. S. 2011. Impacts of fences on Greater Sage-Grouse in Idaho: collision, mitigation, and spatial ecology. M. Sc. Thesis. University of Idaho. 196pp.

Stevens, B. S., K. P. Reeese, and J. W. Connelly. 2009. Estimating Greater Sage-Grouse fence collision rates in breeding areas: preliminary results. Grouse News 38:24-29.

Stevens, B. S., K. P. Reeese, and J. W. Connelly. 2011. Survival and detectability bias of avian fence collision surveys in sagebrush steppe. Journal of Wildlife Management 75:437-449. (Greater Sage-Grouse).

Stiehm, H. A. 1946. Sage Grouse trapping. Colorado Conservation Comments 9(4):15.

Stigar, M. S. 1990. Hunting low-density Sage Grouse populations. M. Sc. Thesis. University of Nevada, Reno.

Stinson, D. W., D. W. Hays, and M. A. Schroeder. 2004. Washington State recovery plan for the Greater Sage-Grouse. Washington Department of Fish and Wildlife 109pp.

Stiver, J. R. 2007. Polygyny and effective population size in the lekking Gunnison Sage-Grouse. M. Sc. Thesis. University of Nebraska, Lincoln. 107pp.

Stiver, J. R., A. D. Apa, T. E. Remington, and R. M. Gibson. 2008. Polygyny and female breeding failure reduce effective population size in the lekking Gunnison Sage-Grouse. Biological Conservation 141:472-481.

Stiver, S. J. 2011. Chapter two – The legal status of Greater Sage-Grouse. Pp. 33-49 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Stiver, S., A. D. Apa, J. R. Bohne, S. D. Bunnell, P. A. Deibert, S. C. Gardner, M. A. Hilliard, C. W. McCarthy, and M. A. Schroeder. 2006. Greater Sage-grouse comprehensive conservation strategy. Western Association of Fish and Wildlife Agencies. Unpublished Report. Cheyenne, Wyoming. (Draft, available at: http://www.wafwa.org/3.html).

Stiver, S., and C. E. Braun. 1995. Sage grouse distribution and abundance. Western States Sage Grouse Technical Committee. 61 pages.

Stiver, S. J., E. T Rinkes, and D. E. Naugle. 2010. Sage-grouse Habitat Assessment Framework. U.S. Bureau of Land Management. Unpublished Report. U.S.

Bureau of Land Management, Idaho State Office, Boise, Idaho.

Strickland, D. 1999. Petroleum development versus wildlife in the overthrust. Transactions of the North American Wildlife and Natural Resources Conference 64:28-35.

Stringham, R. B. 2010. Greater Sage-Grouse response to sagebrush reduction treatments in Rich County, Utah. M. Sc. Thesis. Utah State University. 99pp.

Strohm, K. M. 2005. Modeling sage-grouse demographic rates and population change. M. Sc. Thesis. Colorado State University.

South Central Sage-Grouse Working Group. 2007. South Central [Wyoming] Sage-Grouse conservation plan. 81pp.

Southwest Wyoming Local Sage-Grouse Working Group. 2007. Southwest Wyoming Sage-Grouse conservation assessment and plan. 109pp.

Sveum, C. M. 1995. Habitat selection by Sage Grouse hens during the breeding season in south-central eastern Washington. M. Sc. Thesis. Oregon State University.

Sveum, C. M., J. A. Crawford, and W. D. Edge. 1998. Use and selection of brood-rearing habitat by Sage Grouse in south-central Washington. Great Basin Naturalist 58:344-351

Sveum, C. M., D. Edge, and J. A. Crawford. 1998. Nesting habitat selection by Sage Grouse in south-central Washington. Journal of Range Management 51:265-269.

Swanson, C. C. 2009. Ecology of the Greater Sage-Grouse in the Dakotas. Ph. D. Dissertation. South Dakota State University. 168pp.

Swenson, J. E. 1986. Differential survival by sex in juvenile Sage Grouse and Gray Partridge. Ornis Scandinavica 17:14-17.

Swenson, J. E., C. A. Simmons, and C. D. Eustance. 1987. Decrease of Sage Grouse *Centrocercus urophasianus* after ploughing of sagebrush steppe. Biological Conservation 41:125-132.

Swope, H. M. 1969. Guidelines for range type-conversion projects in Sage Grouse range. Colorado Department of Natural Resources, Divison of game, Fish and Parks. Game Information Leaflet no. 74. 3pp.

Tack, J. D. 2009. Sage-grouse and the human footprint: implications for conservation of small and declining populations. M. Sc. Thesis, University of Montana, Missoula. 96pp.

Tack, J. D. 2010. Sage-grouse and the human footprint: implications for conservation of small and declining populations. M. Sc. Thesis, University of Montana, Missoula. Grouse News 39:28-29. (Abstract only).

Tate, J., Jr., M. S. Boyce, and T. R. Smith. 1979. Response of Sage Grouse to artificially created display ground. Pages 459-463 *in* General Technical Report RM-65. The mitigation symposium: A national workshop on mitigation losses of fish and wildlife habitat. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, Colorado.

Taylor, R. C., M. R. Dzialak, and L. D. Hayden-Wing. 2007. Greater Sage-Grouse populations and energy development in Wyoming. Unpublished report to Petroleum Association of Wyoming. 41pp.

Taylor, S. E. 2001. Investigation of population genetic variation in Greater Sage-Grouse using nuclear microsatellite markers. M. Sc. Thesis. 57pp.

Taylor, S. E., S. J. Oyler-McCance, and T. W. Quinn. 2003. Isolation and characterization of microsatellite loci in Greater Sage-Grouse (*Centrocercus urophasianus*). Molecular Ecology Notes 3:262-264.

Taylor, S. E., and J. R. Young. 2006. A comparative behavioral study of three Greater Sage-Grouse populations. Wilson Journal of Ornithology 118:36-41.

Taylor, T. C., and L. Kay. 1933. Report of the Sage Grouse survey, Rich, Wasatch and Box Elder Counties. Utah Agriculture Experimental Station, Miscellaneous Publications 10:17-22.

Thacker, E. T. 2010. Greater Sage-Grouse seasonal ecology and responses to habitat manipulations in northern Utah. Ph. D. Dissertation, Utah State University.

Thacker, E. T. 2010. Greater Sage-Grouse seasonal ecology and responses to habitat manipulations in northern Utah. Ph. D. Dissertation, Utah State University. Grouse News 39:30 (abstract only).

Thacker, E., and T. A. Messmer. 2008. Greater Sage-Grouse (*Centrocercus urophasianus*) ecology in western Box Elder County, Utah. 2007 Annual Report. 14pp. Jack H. Berryman Institute, Department of Wildland Resources, Utah State University, Logan, UT. 14pp.

Thacker, E., and T. A. Messmer. 2009. Greater Sage-Grouse (*Centrocercus urophasianus*) ecology in western Box Elder County, Utah. 2008 Annual Report. Jack H. Berryman Institute, Department of Wildland Resources, Utah State University, Logan, UT. 16pp.

Thacker, E., and T. A. Messmer. 2009. The effects of prescribed fire on Greater Sage-

Grouse (*Centrocercus urophasianus*) on Anthro Mountain, Duchesne County, Utah. 2008 Annual Report. Jack H. Berryman Institute, Department of Wildland Resources, Utah State University, Logan, Utah. 14pp.

Thompson, K. M., M. J. Holloran, S. J. Slater, J. L. Kuipers, and S. H. Anderson. 2006. Early brood-rearing habitat use and productivity of Greater Sage-Grouse in Wyoming. Western North American Naturalist 66:332-342.

Thompson, K. W. 1946. Live trapping and transplanting Ring-necked Pheasants and Sage Grouse. Proceedings of the Western Association of State Game and Fish Commissioners 26:133-137.

Thompson, T. R. 2006. Dispersal ecology of Greater Sage-Grouse in northwestern Colorado: evidence from genetic and demographic methods. 2006 Annual Progress Report. University of Idaho, Moscow. 83pp.

Thompson, W. K. 1946. Live trapping and transplanting Ringnecked Pheasants and Sage Grouse. Proceedings of the Western Association of State Game and Fish Commissioners 26:133-137.

Thorne, E. T. 1969. Diseases in Wyoming Sage Grouse. Proceedings of the Western States Sage Grouse Workshop. 6:192-198.

Thorvilson, R. C. 1969. An appraisal of endocrine activity in strutting Sage Grouse. M. Sc. thesis. Montana State University, Bozeman. 15 pages.

Tirhi, M. J. 1985. Washington State management plan for Sage Grouse. Washington Dept. of Fish and Wildlife, Wildlife Management Program. 101pp.

Torell, L. A., J. A. Tanaka, N. Rimbey, T. Darden, L. Van Tassell, and A. Harp. 2002. Ranch-level impacts of changing grazing policies on BLM land to protect the Greater Sage-Grouse: Evidence from Idaho, Nevada, and Oregon. PACWPL Policy Paper SG-01-02. 20pp.

Torregrosa, A., M. L. Casazza, M. R. Caldwell, T. A. Mathiasmeier, P. M. Morgan, C. T. Overton. 2010. Science in the public sphere: Greater Sage-Grouse conservation planning from a transdisciplinary perspective. U. S. G. S. Open-File Report 2010-1049. 31pp.

Trueblood, R. W. 1952. Sage Grouse grass reseeding studies. Utah Fish and Game Bulletin 9(8):1,7.

Trueblood, R. W. 1954. The effect of grass reseeding in sagebrush lands on Sage Grouse populations. M. Sc. Thesis. Utah State University, Logan. 77pp.

Uinta Basin Adaptive Resource Management Local Working Group (UBARM). 2006.

Uinta Basin Greater Sage-grouse (*Centrocercus urophasianus*) Local Conservation Plan. Utah State University Extension, Jack H. Berryman Institute, and Utah Division of Wildlife Resources Unpublished Report. Salt Lake City, Utah. Unpublished Report. 98pp.

Upper Green River Basin Sage-Grouse Working Group. 2007. Upper Green River Basin Sage-Grouse Conservation Plan. 147pp.

Upper Snake River Basin Sage-Grouse Working Group. 2008. Upper Snake River Basin Sage-Grouse conservation Plan. 160pp.

USFWS. 2001. Endangered and Threatened Wildlife and Plants; 12-month finding for a petition to list the Washington population of Western Sage Grouse (*Centrocercus urophasianus phaios*). Federal Registry 50 CFR Part 17 66: 22984-22994.

USFWS. 2008. Greater Sage-Grouse interim status report. U.S.F.W.S. Mountain-Prairie Region, Wyoming Ecological Services Office. 240pp.

Utah Dept. Nat. Resources. 2002. Strategic management plan for Sage Grouse 2001. Utah Department of Natural Resources, Division of Wildlife, Publication No. 02-20. 58pp.

Utah Division of Wildlife Resources. 2009. Utah Greater Sage-Grouse management plan. Utah Department of Natural Resources, Division of Wildlife Resources, Publication 09-17, Salt Lake City, Utah, USA. 94pp.

van Kooten, G. C., A. J. Eagle, and M. E. Eiswerth. 2004. Anthropogenic and natural determinants of the population of a sensitive species: Sage Grouse in Nevada. REPA Research Group, Departement of Economics, University of Victoria. Working Paper 2004-08. 33pp.

van Kooten, G. C., A. J. Eagle, and M. E. Eisworth. 2007. Determinants of threatened Sage Grouse in northeastern Nevada. Human Dimensions of Wildlife 12:53-70.

Vehrencamp, S. L., J. W. Bradbury, and R. M. Gibson. 1989. The energetic cost of display in male Sage Grouse. Animal Behaviour 38:885-896.

Visher, S. S. 1913. Notes on the Sage Hen. The Wilson Bulletin 25:90-91.

Vriend, H. G., and L. D. Gudmundson. 1996. An overview of sage grouse populations in Alberta. Provencial Museum of Alberta Natural History Occasional Paper 23:290-296.

Wakkinen, W. L. 1990. Nest site characteristics and spring-summer movements of migratory Sage Grouse in southeastern Idaho. M. Sc. Thesis. University of Idaho.

Wakkinen, W. L., K. P. Reese, and J. W. Connelly. 1992. Sage Grouse nest locations in relation to leks. Journal of Wildlife Management 56:381-383.

Wakkinen, W. L., K. P. Reese, J. W. Connelly, and R. A. Fischer. 1992. An improved spotlighting technique for capturing Sage Grouse. Wildlife Society Bulletin 20:425-426.

Walker, B. L. 2008. Greater Sage-Grouse response to coal-bed natural gas development and West Nile Virus in the Powder River Basin, Montana and Wyoming, USA. Ph. D. Dissertation. University of Montana. Missoula, Montana. 235pp.

Walker, B. L. 2010. Greater Sage-Grouse response to coal-bed natural gas development and West Nile Virus in the Powder River Basin, Montana and Wyoming, USA. Ph. D. Dissertation. University of Montana. Grouse News 39:30. (Abstract only).

Walker, B. L., and D. E. Naugle. 2011. Chapter nine – West Nile Virus ecology in sagebrush habitat and impacts on Greater Sage-Grouse populations. Pp. 127-142 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Walker, B. L., D. E. Naugle, and K. E. Doherty. 2005. West Nile virus and Sage Grouse: an update. Intermountain Journal of Sciences 11:120-121.

Walker, B. L., D. E. Naugle, and K. E. Doherty. 2007. Greater Sage-Grouse population response to energy development and habitat loss. Journal of Wildlife Management 71:2644-2654.

Walker, B. L., D. E. Naugle, K. E. Doherty, and T. E. Cornish. 2004. From the field: Outbreak of West Nile virus in Greater Sage-Grouse and guidelines for monitoring, handling, and submitting dead birds. Wildlife Society Bulletin 32:1000-1006.

Walker, B. L., D. E. Naugle, K. E. Doherty, and T. E. Cornish. 2007. West Nile Virus and Greater Sage-Grouse: Estimating infection rate in a wild bird population. Avian Diseases 51:691–696.

Wallestad, R. O. 1970. Summer movements and habitat use by Sage Grouse broods in central Montana. M. Sc. thesis. Montana State University, Bozeman, Montana.

Wallestad, R. O. 1971. Summer movements and habitat use by Sage Grouse broods in central Montana. Journal of Wildlife Management 35:129-136.

Wallestad, R. O. 1972. Effects of chemical and mechanical sagebrush control on Sage

Grouse. Pp. 1-15. Ecological effects of chemical and mechanical sagebrush control. Montana Fish and Game Department Job Progress Report, Project W-105-R-6. 79pp.

Wallestad, R. O. 1973. Fall and winter habitat requirements of Sage Grouse in relation to sagebrush control. Pp. 23-24. Ecological effects of chemical and mechanical sagebrush control. Montana Fish and Game Department, Job Progress Report, Project W-105-R-77 and 78. 131pp.

Wallestad, R. O., 1975. Male Sage Grouse responses to sagebrush treatment. Journal of Wildlife Management 39:482-484.

Wallestad, R. O. 1975. Life history and habitat requirements of Sage Grouse in central Montana. Game Management Division, Montana Deppartment of Fish and Game.

Wallestad, R. O., J. G. Peterson, and R. L. Eng. 1975. Foods of adult Sage Grouse in Central Montana. Journal of Wildlife Management 39:628-630.

Wallestad, R., and D. Pyrah. 1974. Movement and nesting of Sage Grouse hens in Central Montana. Journal of Wildlife Management 38:630-633.

Wallestad, R., and P. Schladweiler. 1974. Breeding season movements and habitat selection in male Sage Grouse. Journal of Wildlife Management 38:634-637.

Wallestad, R. O., and R. C. Watts. 1972. Small game research: Factors effecting annual Sage Grouse productivity in central Montana. Montana Department of Fish and Game. 24 pages.

Wallestad, R. O., and R. C. Watts. 1973. Factors affecting annual Sage Grouse productivity in central Montana. Montana Fish and Game Department Job Progress Report, Project W-120-R-3. 23pp.

Walsh, D. P. 2002. Population estimation techniques for Greater Sage-Grouse. M. Sc. Thesis. Colorado State University.

Walsh, D. P., J. R. Stiver, G. C. White, T. E. Remington, and A. P. Apa. 2010. Population estimation techniques for lekking species. Journal of Wildlife Management 74:1607-1613. (Greater Sage-Grouse, Gunnison Sage-Grouse).

Walsh, D. P., C. G. White, T. E. Remington, and D. C. Bowden. 2004. Evaluation of the lek-count index for Greater Sage-Grouse. Wildlife Society Bulletin 32:56-68.

Wambolt, C. L., A. J. Harp, B. L. Welch, N. Shaw, J. W. Connelly, K. P. Reese, C. E. Braun, D. A. Klebonow, E. D. McArthur, J. G. Thompson, L. A. Torell, and J. A. Tanaka. 2002. Conservation of Greater Sage-Grouse on public lands

in the western U. S.: Implications of recovery and management policies. PACWPL Policy Paper SG-02-02. 41pp.

Ward, J. C. 1940. The susceptibility of Sage Grouse to Strychnine. Wildlife Research Lab., Department of the Interior, Denver, CO.

Ward, J. C., M. Malcolm, and W. Allred. 1942. The susceptibility of Sage Grouse to strychnine. Journal of Wildlife Management 6:55-57.

Ward, S. 2007. Gunnison Sage-Grouse winter and summer ecology in San Juan County, Utah. M. Sc. Thesis. Utah State University. 85pp.

Ward, S., and T. Messmer. 2006. Gunnison Sage-Grouse winter and summer ecology in San Juan County, Utah. Final project report to San Juan Gunnison Sage-Grouse Working Group 44pp.

Watters, M. E., T. L. McLash, C. L. Aldridge, and R. M. Brigham. 2002. The effect of vegetation structure on predation of artificial Greater Sage-Grouse nests. Ecoscience 9:314-319.

Watts, C. R., F. G. Feist, and A. D. Schallenberger. 1972. Upland game bird survey and inventory. Montana Fish and Game Department, Job Progress Report, Project W-130-R-3. 37pp.

Waugh, F. L. 1965. Sage Grouse in danger. Colorado Outdoors 14(6):32-233.

Webb, R. 2001. Status review of the Mono Basin distinct population segment of the Greater Sage Grouse (*Centrocercus urophasianus phaios).* Institute for Wildlife Protection, Eugene, Oregon, Publication No. 361-01. 195 pages.

Wehr, E. E. 1931. A new species of nematode worm from the Sage Grouse. Proceedings of the U.S. National Museum. 79(3):1-3.

Weichel, B. 1992. Recovery and management plan for Sage Grouse in Saskatchewan. Saskatchewan Natural History, Wildlife Branch. Wildlife technical report 92-5. 29pp.

Welch, B. L., C. L. Cox, and T. K. Sales. 1986. Strutting sounds and strutting posture of two Utah Sage Grouse populations. USDA Forest Servive Research Paper RP-485.

Welch, B. L., J. C. Pederson, and R. L. Rodriquez. 1988. Selection of big sagebrush by Sage Grouse. Great Basin Naturalist 48:274-279.

Welch, B. L., J. C. Pederson, and R. L. Rodriguez. 1989. Monoterpenoid content of Sage Grouse ingesta. Journal of Chemical Ecology 15:961-969.

Welch, B. L., F. J. Wagstaff, and J. A. Roberson. 1991. Preference of wintering Sage Grouse for big sagebrush. Journal of Range Management 44:262-265.

Welch, B. L., F. J. Wagstaff, and R. L. Williams. 1990. Sage Grouse status and recovery plan for Strawberry Valley, Utah. USDA Forest Service Research Paper INT-430.

West Desert Adaptive Resource Management Local Working Group (WDARM). 2007. West Desert Greater Sage-grouse (*Centrocercus urophasianus*) Local Conservation Plan. Utah State University Extension and Jack H. Berryman Institute and Utah Division of Wildlife Resources. Salt Lake City, Utah. Unpublished Report. 88pp.

Western Governors' Association. 2004. Conserving the Greater Sage Grouse – A compilation of efforts underway on state, provincial, and private lands. WGA, Denver, CO. 99pp.

Western Governors' Association. 2004. Conserving the Greater Sage Grouse – Examples of partnerships and strategies at work across the west. Western Governor's Association, Denver, Colorado. 26pp.

Westervelt, J. D., B. Hannon, P. Sheikh, A. Cheng, and C. Rubin. 1995. Dynamic, spatial, ecological modeling: A demonstrated simulation of the Sage Grouse habitat at the Yakima Training Center, Washington. - Final Techinical Report.

White, J. S., R. L. Eng, and C. Val Grant. 1995. Sage Grouse (*Centrocerus urophasianus*) lek relocation at an active mine in northeastern California. Proceedings of the 6th. Symposium on issues and technology in the management of impacted wildlife. Pp. 76-78.

Whiting, J. C., and B. Bybee. 2011. Annual report of surveys for historic Sage-Grouse leks on the Idaho National Laboratory Site. Prepared for: U. S. Department of Energy-Idaho Operations Office, Environmental Surveillance, Education, and Research Program, Contract No. DE-NE-0000-300. GSS-ESER-141. 17pp.

Whiting, J. C., M. Morales, J. Handy, and K. Edwards. 2010. Ecological assessment of Sage-Grouse in the area surrounding T-24 and T-25. Report prepared for CH2M-WG Idaho, LLC. Subcontract 00732290. S. M. Stoller Corporation, Idaho Falls, Idaho. 9pp.

Wik, P. A. 2002. Ecology of Greater Sage-Grouse in south-central Owyhee County, Idaho. M. Sc. Thesis. University of Idaho, Moscow.

Wiley, R. H. Jr. 1969. Social structure of Sage Grouse strutting grounds. Proceedings of the Western States Sage Grouse Workshop 6:188-192.

Wiley, R. H. 1970. Territoriality and non-random mating in sage Grouse, *Centrocercus urophasianus*. Ph. D. Dissertation. Rockefeller University, New York 191pp.

Wiley, R. H. 1973. Territoriality and non-random mating in Sage Grouse, *Centrocercus urophasianus*. Animal Behavior Monographs 6:85-169.

Wiley, R. H. 1973. The strut display of male Sage Grouse: a fixed action pattern. Behaviour 47:129-151.

Wiley, R. H., 1978. The lek mating system of the Sage Grouse. Scientific American 238:114-125.

Willett, G. 1906. Eggs of the Sage Grouse. Condor 6:75.

Willis, M. J., G. P. Kiester, Jr., D. A. Immel, D. M. Jones, R. M. Powell, and K. R. Durbin. 1993. Sage Grouse in Oregon. Oregon Department of Fish and Wildlife, Wildlife Report No. 15. 56pp.

Wilson, G. 2000. Sage Grouse use of burns and range seedlings in Rich County, Utah. Utah Division of Wildlife Resources. Research Report.

Wind River/Sweetwater River Sage-Grouse Working Group. 2007. Wind River/Sweetwater River local Sage-Grouse conservation plan. 108pp.

Wirth, T. A. 2000. Emergence, survival, and reproduction of three species of forbs important to Sage Grouse nutrition in response to fire, microsite and methods of establishment. M. Sc. Thesis. Oregon State University.

Wirth, T. A., and D. A. Pyke. 2003. Restoring forbs for Sage Grouse habitat: fire, microsites, and establishment methods. Restoration Ecology 11:370-377.

Wisdom, M. J., C. W. Meinke, S. T. Knick, and M. A. Schroeder. 2011. Chapter eighteen – Factors associated with extirpation of sage-grouse. Pp. 451-472 *IN*: S. T. Knick and J. W. Connelly (*Eds*). 2011. Greater Sage-Grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology No. 38. University of California Press. 646pp.

Wisdom, M. J., M. M. Rowland, M. A. Henstrom, and B. C. Wales. 2005. Landscape restoration for Greater Sage-Grouse: implications for multiscale planning and monitoring. Pp. 62-69 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA Forest Service, RMRS-P-38.

Wisdom, M. J., M. M. Rowland, and R. J. Tausch. 2005. Effective management strategies fro Sage-Grouse and sagebrush: a question of triage? Transactions

North American Wildlife and Natural Resources Conference 70:145-159.

Wisdom, M. J., M. M. Rowland, B. C. Wales, M. A. Hemstrom, W. J. Hann, M. G. Raphael, R. S. Holthausen, R. A. Gravenmier, and T. D. Rich. 2002. Modeled Effects of Sagebrush-Steppe Restoration on Greater Sage-Grouse in the Interior Columbia Basin, U.S.A. Conservation Biology 16:1223-1231.

Wisdom, M. J., B. C. Wales, M. M. Rowland, M. G. Raphael, R. S. Holthausen, T. D. Rich, and V. A. Saab. 2002. Performance of Greater Sage-Grouse Models for Conservation Assessment in the Interior Columbia Basin, U.S.A. Conservation Biology 16:1232-1242.

Wiseman, A., and E. Bird. 1969. Artificial propagation of Sage Grouse. Proceedings of the Western States Sage Grouse Workshop 6:103-110.

Wisinski, C. L. 2007. Survival and summer habitat selection of male Greater Sage-Grouse (*Centrocercus urophasianus*) in southwestern Montana. M. Sc. Thesis. Montana State University, Bozeman. 76pp.

Wolff, S., E. Cole, R. Bishop, R. Williams, B. Lucas, B. Paddleford, J. Bohne, B. Raynes, D. Wachob, F. Camenzind, P. Bruun, T. Hershey, and B. Hauge. 2008. Upper Snake River Basin Sage-Grouse conservation Plan. 160pp.

Woodward, J. K. 2006. Greater Sage-Grouse (*Centrocercus urophasianus*) habitat in central Montana. M. Sc. Thesis. Montana State University, Bozeman. 92pp.

Wooley, D. J. 1946. Estimated Sage Grouse kill, 1945. Colorado Conservation Comments 9(1):19.

Wrangham, R. W. 1980. Female choice of least costly males a possible factor in the evolution of leks. Zeitschrift fuer Tierpsychologie 54:357-367.

Wright, P. L., and R. W. Hiatt. 1943. Studies of upland game birds in Montana with special emphasis on native species. Montana Fish and Game Department, Completion Report 1942-1943. 46pp.

Wrobleski, D. W. 1999. Effects of prescribed fire on Wyoming big sagebrush communities: implications for ecological restoration of sage grouse habitat. M. Sc. Thesis. Oregon State University, Corvallis, OR. 76 p.

Wrobleski, D. W., and J. B. Kaufman. 2002. Initial effects of prescribed fire on morphology, abundance, and phenology of forbs in big sagebrush communities in southeastern Oregon. Restoration Ecology 11:82-90. (Greater Sage-Grouse).

Wyoming Dept. Fish and Game. 2002. Wyoming Greater Sage-Grouse conservation plan. 71pp.

Wyoming Game and Fish Department. 2005. 2004 Greater Sage-Grouse job completion report. : June 1, 2004 – May 31, 2005. 319pp.

Wyoming Game and Fish Department. 2006. 2005 Greater Sage-Grouse job completion report. : June 1, 2005 – May 31, 2006. 301pp.

Wyoming Game and Fish Department. 2007. 2006 Greater Sage-Grouse job completion report. : June 1, 2006 – May 31, 2007. 293pp.

Wyoming Wildlife Consultants, LLC. 2009. Greater Sage-Grouse winter habitat selection relative to natural gas field infrastructure in northern portions of the Pinedale Anticline Project Area Sublette County, Wyoming. Annual Report, December 2009, Prepared for Shell Rocky Mountain Production, Questar Exploration & Production Co., and Ultra Resources, Inc. 18pp.

Yoakum, J. D., R. Eckert, and G. C. Christensen. 1969. Management and research of meadowlands in Nevada. Proceedings of the Western States Sage Grouse Workshop 6:141-147.

Yocom, C. F. 1956. The sage hen in Washington State. Auk 73:540-550.

Yost, A. C., S. L. Petersen, M. Gregg, and R. Miller. 2008. Predictive modeling and mapping Sage Grouse (*Centrocercus urophasianus*) nesting habitat using Maximum Entropy and a long-term dataset from Southern Oregon. Ecological Informatics 3:375-386.

Young, J. R. 1994. The influence of sexual selection on phenotypic and genetic divergence among Sage Grouse populations. Ph. D. Dissertation. Purdue University.

Young, J. 2000. The Gunnison Sage Grouse: can sexual selection increase the rate of speciation and extinction? Grouse News 20:2-4

Young, J. R., C. E. Braun, S. J. Oyler-McCance, J. W. Hupp, and T. W. Quinn. 1997. A new species of Sage Grouse (Phasianidae: CENTROCERCUS) from southwestern Colorado, USA. Wilson Bulletin 112: 445-453.

Young, J. R., J. W. Hupp, J. W. Bradbury, and C. E. Braun. 1994. Phenotypic divergence of secondary sexual traits among Sage Grouse, *Centrocercus urophasianus*, populations. Animal Behavior 47:1353-1362.

Young, J. R., and D. J. Minchella. 1997. The role of genetics and behaviour in Sage Grouse *Centrocercus urophasianus* management and conservation. Wildlife Biology 3:276. Abstract only.

Zablan, M. A. 1993. Evaluation of Sage Grouse banding program in North Park, Colorado. M. Sc. Thesis. Colorado State University.

Zablan, M. A. 1993. Upland bird research: Survival estimates of Sage Grouse in North Park, Colorado. Colorado Division of Wildlife. 48 pages.

Zablan, M. A., C. E. Braun, and G. C. White. 2003. Estimation of Greater Sage-Grouse survival in North Park, Colorado. Journal of Wildlife Management 67:144-154.

Zeoli, L. F. 2008. Modeling for threatened and endangered species management: The Columbian Basin pygmy rabbit and the Greater Sage Grouse in Washington. Ph. D. Dissertation University of Washington. 145pp.

Zou, L, S. N. Miller, and E. T. Schmidtmann. 2006. Mosquito larval habitat mapping using remote sensing and GIS: implications of coalbed methane development and West Nile Virus. Journal of Medical Entomology 43:1034-1041.

Zunino, G. W. 1987. Harvest effect on Sage Grouse densities in northwest Nevada. M. Sc. Thesis. University of Nevada, Reno.

Dendragapus and *Falcipennis*
(Blue, Dusky, Sooty, and Spruce Grouse)

Abbott, W. G. 1965. Blue Grouse persists on Mount Pinos in southern California. Condor 67:85-86.

Adams, J. R., and J. F. Bendell. 1953. A high incidence of blood parasites in a population of Sooty Grouse. Journal of Parasitology 39:11.

Adams, J. R., and G. G. Gibson. 1969. *Ancyracanthopsis bendelli* n. sp. (Acuariidae: Schistorophinae) from Pacific Coast grouse, with observations on related nematode genera. Canadian Journal of Zoology 47:619-626.

Alcorn, G. D. 1932. Note on nesting of Sooty Grouse on Mt. Rainier. The Murrelet 13:94.

Alexander, C. E., and R. B. Chipman. 1991. Model habitat management guidelines for spruce grouse (*Dendragapus canadensis*) in Vermont. Vermont Fish and Wildlife Department. 7pp.

Allan, R. A. 1984. Population dynamics of three haemosporina of Blue Grouse (*Dendragapus obscurus*). Ph. D. Dissertation. University of Alberta.

Allan, R. A., and J. L. Mahrt. 1987. Populations of Leucocytozoon gametocytes in Blue Grouse (*Dendragapus obscurus*) from Hardwicke Island, British Columbia. \ Journal of Protozoology 34:363-366.

Allan, T. A. 1984. Habitat use by Spruce Grouse in Maine. Ph.D. Dissertation. University of Maine.

Allan, T. A. 1985. Seasonal changes in habitat use by Maine Spruce Grouse. Canadian Journal of Zoology 63:2738-2742.

Allen, G. A., III. 1968. Keeping and raising Blue Grouse. Game Bird Breeders, Aviculturists and Conservationists' Gazette 16(10-11):6-11.

Alway, J. H. 1977. A study of social behaviour relating to brood break-up and dispersal in Franklin's Grouse, *Canachites canadensis franklinii* under captive conditions. M. Sc. Thesis. University of Alberta.

Alway, J. H., and D. A. Boag. 1979. Behaviour of captive Spruce Grouse at the time broods break up and juveniles disperse. Canadian Journal of Zoology 57:1311-1317.

Amman, G. A. 1963. Status of Spruce Grouse in Michigan. Journal of Wildlife

Management 27:591-593.

Anderson, L. J. 1973. Habitat use, behavior, territoriality, and movements of the male Canada Spruce Grouse of northern Minnesota. M. Sc. Thesis. University of Minnesota, Minneapolis.

Andreev, A. V. 1990. [The winter biology of Siberian Spruce Grouse (*Falcipennis falcipennis*) in the Priamurie.] Zoologicheskii Zhurnal 69:69-80. (in Russian with English summary).

Andreev, A. V., and F. Hafner. 1998. Zur Biologie des Sichelhuhns *Falcipennis falcipennis*. [The biology of the Siberian Grouse *Falcipennis falcipennis*.] Limicola 12:105-135. (in German with English summary).

Andreev, A. V., F. Hafner, S. Klaus, and H. Gossow. 2001. Balzverhalten und Paarungssystem des Sichelhuhns (Falcipennis falcipennis Hartlaub 1855). [Displaying behavior and mating systems in the Siberian Spruce Grouse (*Falcipennis falcipennis* Hartlaub 1855). Journal fur Ornithology 142:404-424. (in German with English summary).

Annenkov, V. G. 1995. Teterevinye ptitsy Karelii (biologiia, dinamika populiatsii, perspektivy isnol'zovannia). [Grouse of Karelia (biology, population dynamics, prospects for utilizing the resource).] 26pp. (in Russian).

Anthony, A. W. 1899. Hybrid grouse. Auk 16:180-181.

Anthony, A. W. 1903. Migration of Richardson's Grouse. Auk 20:24-27.

Anufriev, a. I., N. I. Mordosova, N. G. Solomonov, and A. P. Isayev. 2008. [Two strategies of large species winter bird's adaptation to low temperature.] ВЕСТНИК ЯГУ 5(4):10-14. (in Russian with Enlgish summary). (Black Grouse, Capercaillie, Siberian Spruce Grouse)

Applegate, R. D. 1978. Spruce Grouse feeds on mink frog. Loon 10:207.

Armleder, H. M. 1980. Habitat use and movements of hens and broods in relation to demography of Blue Grouse. M. Sc. Thesis, University of Toronto.

Ash, A. N. 1979. The effect of urea fertilizer on the habitat, population dynamics, and local distribution of Blue Grouse. Ph. D. Dissertation University of Toronto.

Ash, A. N., and J. F. Bendell. Trials of nitrogen fertilizer on foods of Blue Grouse. Journal of Wildlife Management 43:503-508.

Bailey, F. M. 1904. A Dusky Grouse and her brood in New Mexico. Condor 6:4-6.

Bailey, F. M. 1904. Additional notes on the birds of the Upper Pecos. Auk 21:349-

363.

Bangs, O. 1899. The Labrador Spruce Grouse. Proceedings of the New England Zoological Club. I:47-48.

Barber, B. R. 2007. Comparative phylogeography of diverse Rocky Mountain fauna. Ph. D. Dissertation. University of Minnesota. (Dusky Grouse).

Barrowclough, G. F., F. G. Groth, L. A. Mertz, and R. J. Gutierrez. 2004. Phylogeographic structure, gene flow and species status in Blue Grouse (*Dendragapus obscurus*). Molecular Ecology 13:1911-1922.

Barry, P. D., and D. A. Tallmon. 2010. Genetic differentiation of a subspecies of Spruce Grouse (*Falcipennis canadensis*) in an endemism hotspot. Auk 127:617-625.

Bauer, R. D. 1962. Ecology of Blue Grouse on summer range in north central Washington. M. Sc. Thesis. Washington State University.

Beaudette, P. D. 1989. Survival and reproductive success of dispersing Spruce Grouse. M. Sc. Thesis. University of New Brunswick

Beaudette, P. D., and D. M. Keppie. 1992. Survival of dispersing Spruce Grouse. Canadian Journal of Zoology 70:693-697.

Beer, J. R. 1941. Food habits of the Blue Grouse (*Dendragapus* spp.). M. Sc. Thesis. State College Washington.

Beer, J. 1943. Food habits of the Blue Grouse. Journal of Wildlife Management 7:32-44.

Beer, J. R. 1944. Parasites of the Blue Grouse. Journal of Wildlife Management 8:91-92.

Beer, J. R. 1948. Notes on the food habits of some western grouse. Murrelet 29:18-20.

Beer, J. R. 1955. Some gross morphology of the Blue Grouse digestive tract.. The Murrelet 36:22-25

Beer, J. R., and W. Tidyman. 1942. The substitution of hard seeds for grit. Journal of Wildlife Management 6:70-82.

Behle, W. H., and R. K. Selander. 1951. A new race of Dusky Grouse (*Dendragapus obscurus*) from the Great Basin. Proceedings of the Biological Society of Washington 64:125-128.

Belding, L. 1892. Food of the grouse and Mountain Quail of central California. Zoe

3:232-234. (Sooty Grouse).

Bendell, J. F. 1954. A study of the life history and population dynamics of the Sooty Grouse, *Dendragapus obscurus fuliginosis* (Ridgway). PhD Dissertation. Univ. British Columbia.

Bendell, J. F. 1955. Age, molt, and weight characteristics of Blue Grouse. Condor 57:354-361.

Bendell, J. F. 1955. Disease as a control of a population of Blue Grouse, *Dendrogapus obscurus fuliginosus* (Ridgway). Canadian Journal of Zoology 33:195-223.

Bendell, J. F. 1955. Age, breeding behavior and migration of Sooty Grouse, *Dendragapus obscurus fuliginosus* (Ridgeway). Transactions of the North American Wildlife Conference 20:367-391.

Bendell, J. F. 1993. Balance and level in populations of Spruce Grouse *Dendragapus canadensis*. Transactions of the 21st. Congress of the International Union of Game Biologists. Pp. 114-119.

Bendell, J. F. 1997. Predation and change in weight of chicken eggs in forests with different densities of Spruce *Dendrogapus canadensis* and Ruffed Grouse *Bonasa umbellus*. Wildlife Biology 3:281. Abstract only.

Bendell, J. F., and L. I. Bendell-Young. 1995. Populations and habitats of snowshoe hares, Ruffed and Spruce Grouse in the southern boreal pine forest of Ontario. Proceedings of the 6th. International Grouse Symposium. Pp. 1-11.

Bendell, J. F., and L. I. Bendell-Young. 2000. Eggs of Spruce Grouse lose water faster than eggs of Ruffed Grouse. Grouse News 20:11-13.

Bendell, J. F., and P. W. Elliot. 1966. Habitat selection in Blue Grouse. Condor 68:431-446.

Bendell, J. F., and P. W. Elliot. 1967. Behaviour and regulation of numbers in Blue Grouse. Canadian Wildlife Service, Report Ser. 4., 76pp.

Bendell, J. F., D. G. King, and D. H. Mossop. 1972. Removal and repopulation of Blue Grouse in a declining population. Journal of Wildlife Management 36:1153-1165.

Bendell, J. F., T. Rasmussen, and A. Zeltkalns. 1983. Spruce and Ruffed Grouse shot by hunters near Gogama, Ontario, 1981 and 1982. Unpublished manuscript, University of Toronto, 5 pp.

Bendell, J. F., and K. J. Szuba. 1993. Balance and level in populations of Spruce Grouse *Dendragapus canadensis*. Proceedings of the International Union of Game

Biologists Congress 21(2):114-119.

Bendell, J. F., and F. C. Zwickel. 1979. Problems in the abundance and distribution of Blue, Spruce, and Ruffed Grouse in North America. Pp. 48-63 *in* T. W. I. Lovel, *ed*. Woodland Grouse Symp., Culloden House, Inverness, Scotland.

Bendell, J. F., and F. C. Zwickel. 1984. A survey of the biology, ecology, abundance, and distribution of the Blue Grouse (genus *Dendragapus*). International Grouse Symposium, World Pheasant Association, Suffolk. Proceedings 3:163-190.

Bendell, L. I. 2011. Trace metal depositional patterns from an open pit mining activity as revealed by archived avian gizzard contents. Science of the Total Environment 409:1193-1197. (Blue Grouse).

Bendell-Young, L. I., and J. F. Bendell. 1999. Grit ingestion as a source of metal exposure in the Spruce Grouse, *Dendragapus canadensis*. Environmental Pollution 106:405-412.

Bendell-Young, L. I., and J. F. Bendell. 2006. Eggs of Spruce Grouse dry faster than those of Ruffed Grouse. Canadian Journal of Zoology 84:1688-1692.

Bendire, C. E. 1889. Notes on the habits, nests, and eggs of *Dendragapus obscurus fuliginosus*, the Sooty Grouse. Auk 6:32-39.

Bergerud, A. T. 1988. Demography and behavior of insular Blue Grouse populations. Pp. 29-77 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). University of Minnesota Press, Minneapolis.

Bergerud, A. T., and H. E. Butler. 1985. Aggressive and spacing behavior of female Blue Grouse. Auk 102:313-322.

Bergerud, A. T., and H. E. Butler. 1987. Response to S. J. Hannon and F. C. Zwickel (Spacing behavior and population regulation in female Blue Grouse. Auk 104:344-345). Auk 104:345-347.

Bergerud, A. T., and H. D. Hemus. 1975. An experimental study of the behavior of Blue Grouse (*Dendragapus obscurus*). I. Differences between the founders of three populations. Canadian Journal of Zoology 53:1222-1237.

Bergmann, H.-H., S. Klaus, and U. Wilmering. 1997. Breeding of Siberian Spruce Grouse *Falcipennis falcipennis* and Caucasian Black Grouse *Tetrao mlokosiewiczi* in captivity. Grouse News 13:6-10.

Bishop, W. L. 1912. The Canada Grouse (*Dendragapus canadensis*) in captivity; its food, habits, etc. Proceedings of the Nova Scotian Institute of Science. 13:150-153.

Blackburn, D., and G. Gray. 1977. An apparent Ring-necked Pheasant X Blue Grouse hybrid. Murrelet 58:78.

Blackford, J. L. 1958. Territoriality and breeding behavior of a population of Blue Grouse in Montana. Condor 60:145-158.

Blackford, J. L. 1963. Further observations on the breeding behavior of a Blue Grouse population in Montana. Condor 65:485-513.

Bland, J. D. 1997. Biogeography and conservation of Blue Grouse *Dendragapus obscurus* in California. Wildlife Biology 3:270. Abstract only.

Bland, J. D. 2002. Surveys of Mount Pinos Blue Grouse in Kern County, California. Final Report. Contract No. 50180033, California Department of Fish and Game. 10pp.

Bland, J. D. 2003. Surveys for Mount Pinos Blue Grouse, spring 2003. Final Report. Contract no. S0280016, California Department of Fish and Game. 16pp.

Bland, J. D. 2008. Conservation status of Sooty Grouse in the Sierra Nevada Mountains of California. Grouse News 35:4.

Boag, D. A. 1959. The biology of the Blue Grouse of the Sheep River area. M. Sc. Thesis. University of Alberta.

Boag, D. A. 1963. Significance of location, year, sex, and age to the autumn diet of Blue Grouse. Journal of Wildlife Management 27:555-562

Boag, D. A. 1964. A population study of the Blue Grouse in southwest Alberta. Ph. D. Dissertation. Washington State University.

Boag, D. A. 1965. Indicators of sex, age, and breeding phenology in Blue Grouse. Journal of Wildlife Management 29:103-108.

Boag, D. A. 1966. Population attributes of Blue Grouse in southwestern Alberta. Canadian Journal of Zoology 44:799-814.

Boag, D. A. 1991. Spring population density of Spruce Grouse and pine forest maturation. Ornis Scandinavia 22:181-185.

Boag, D. A., and T. Corcoran. 1992. Do crop contents provide an accurate measure of grouse food habits? Grouse News 3:12-15.

Boag, D. A., and J. W. Kiceniuk. 1968. Protein and caloric content of lodge pole pine needles. Forestry Chronicle 44(4):28-31.

Boag, D. A., K. H. McCourt, P. W. Herzog, and J. H. Alway. 1979. Population regulation in Spruce Grouse: a working hypothesis. Canadian Journal of Zoology 57:2275-2284.

Boag, D. A., S. G. Reebs, and M. A. Schroeder. 1984. Egg loss among Spruce Grouse inhabiting lodgepole pine forests. Canadian Journal of Zoology 62:1034-1037.

Boag, D. A., and M. A. Schroeder. 1987. Population fluctuations in Spruce Grouse: what determines their numbers in spring? Canadian Journal of Zoology 65:2430-2435.

Boag, D. A., and M. A. Schroeder. 1992. The Spruce Grouse. *In* The Birds of North America, No. 5 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.

Bortolotti, G. R., K. J. Szuba, B. J. Naylor, and J. F. Bendell. 1988. Stability of mineral profiles of Spruce Grouse feathers. Journal of Wildlife Management 52:736-743.

Bortolotti, G. R., K. J. Szuba, B. J. Naylor, and J. F. Bendell. 1989. Mineral profiles of Spruce Grouse feathers show habitat affinities. Journal of Wildlife Management 53:811-817.

Bortolotti, G. R., K. J. Szuba, B. J. Naylor, and J. F. Bendell. 1990. Intrapopulation variation in mineral profiles of feathers of Spruce Grouse. Canandian Journal of Zoology 68:585-590.

Bouta, R. P. 1991. Population status, historical decline, and habitat relationships of Spruce Grouse in the Adirondacks of New York. M. Sc. Thesis. State Univeristy of New York.

Bouta, R. P., and R. E. Chambers. 1990. Status of threatened Spruce Grouse populations in New York: a historical perspective. New York State Museum Bulletin 471:82-91.

Braun, C. E. 1971. Determination of Blue Grouse sex and age from wing characteristics. Colorado Division of Wildlife, Game Information Leaflet No. 86.

Braun, C. E., and R. G. Blumberg. 1973. An albinistic Blue Grouse from Colorado. Condor 75:345-346.

Braune, B. M., and B. J. Malone. 2006. Organochlorines and trace elements in upland gamebirds harvested in Canada. Science of the Total Environment 363:60-69.

Brooks, A. 1907. A hybrid grouse, Richardson's x Sharp-tail. Auk 24:167-169.

Brooks, A. 1926. The display of Richardson's Grouse, with some notes on the species and subspecies of the genus Dendragapus. Auk 43:281-287.

Brooks, A. 1929. On *Dendragapus obscurus obscurus*. Auk 46:111-113.

Brown, D. E., and R. H. Smith. 1980. Winter - Spring precipitation and population levels of Blue Grouse in Arizona. Wildlife Society Bulletin 8:136-141.

Brown, N. C. 1909. The Spruce Partridge in the White Mountains. Auk 26:428-429.

Bunnell, S. D., J. A. Rensel, J. F. Kendall, Jr., and M. L. Wolfe. 1977. Determination of age and sex of Dusky Blue Grouse. Journal of Wildlife Management 41:662-666.

Burgason, B. N. 1986. Maine's boreal bird. The Spruce Grouse. Maine Fish and Wildlife 28(4):22-23.

Buss, I. O. 1960. Blue Grouse of Big Blue Buck Mountain. Naturalist 11:3-9.

Buss, I. O., R. D. Conrad, and J. R. Reilly. 1958. Ulcerative enteritis in the Pheasant, Blue Grouse and California Quail. Journal of Wildlife Management 22:446-449.

Buss, I. O.,, and B. A. Schottelius. 1954. Breeding age of Blue Grouse. Journal of Wildlife Management 18:137-138.

Cade, B. S. 1985. Winter habitat preferences and migration patterns of Blue Grouse in Middle Park, Colorado. M. Sc. Thesis. Colorado State University.

Cade, B. S., and R. W. Hoffman. 1990. Winter use of Douglas-fir forests by Blue Grouse in Colorado. Journal of Wildlife Management 54:471-479.

Cade, B. S., and R. W. Hoffman. 1993. Differential migration of Blue Grouse in Colorado. Auk 110:70-77.

Carr, R. 1969. Raising ptarmigan and Spruce Grouse in captivity. Game Bird Breeders, Aviculturists and Conservationists' Gazette 17(1):6-9.

Casperson, K. D. 1963. Visceral parasites in Blue Grouse, *Dendragapus obscurus fuliginosus* (Ridgway). BSc. Thesis. Univ. British Columbia, Vancouver. 34pp.

Caswell, B. 1954. A method for sexing Blue Grouse. Journal of Wildlife Management 8:139.

Caswell, E. B. 1954. A preliminary study on the life history and ecology of the Blue Grouse in west central Idaho. M. Sc. Thesis. University of Idaho.

Cedarleaf, J. D., S. D. Worthen, and J. D. Brotherson. 1982. Weather conditions in early summer and their effects on September Blue Grouse (*Dendragapus obscurus*) harvest. Great Basin Naturalist 42:91-95.

Chambers, R. E., R. F. Fritz, and P. M. Frost. 1982. Population status of the Spruce Grouse in the Adirondacks of New York. Transactions of the Northeast Fish and Wildlife Conference 39:107.

Chapman, F. M. 1904. A new grouse from California. Bulletin of the American Museum of Natural History 20:159-162.

Christensen, D. H. 1983. Experiments on food choice by Minnesota Spruce Grouse in captivity. M. Sc. Thesis. Eastern Michigan University.

Clarke, C. H. D. 1935. Blood parasites of Ruffed Grouse (*Bonasa umbellus*) and Spruce Grouse (*Canachities canadensis*), with description of *Leucocytozoon bonase* N. Sp. Canadian Journal of Research 12:646-651.

Comeau, R. M., and D. M. Keppie. 1989. Crop weights used to adjust body weights of live Spruce Grouse. Journal of Wildlife Management 53:818-819.

Connelly, J. W., and D. D. Musil. 2007. Upland game bird ecology: July 1, 2006 to June 30, 2007. Study II, Population characteristics and habitat use of exploited forest grouse populations. Project W-160-R-34; progress report. Idaho Department of Fish and Game. 11pp. (Dusky Grouse and Ruffed Grouse).

Conover, B. 1946. The type locality of Franklin's Grouse. Auk 63:242.

Cooney, S. J. 2002. Factors affecting hen Blue Grouse responses to human disturbances. Final Report. University of Idaho, Moscow. 18pp.

Cooper, C. R. 1977. Differences in behaviour between populations of captive Blue Grouse. M.Sc. Thesis. University of Toronto.

Cooper, C., and J. F. Bendell. 1982. The rearing and survival of Blue Grouse in captivity. Pp. 233-246 *in* Lovell, T.W.I. (Ed.). Proceedings of the 2nd. International Symposium on Grouse. World Pheasant Association, Suffolk, England.

Cowan, I. M. 1964. The holotype of the Franklin Grouse (*Canachites franklinii*). Canadian Field-Naturalist 78:127-128.

Crawford, J. A. 1987. Incidence of leucism in Blue Grouse from Oregon. Murrelet 68:27-29.

Crawford, J. A., W. van Dyke, V. Coggins, and M. St Louis. 1986. Hatching chronology

of Blue Grouse in northeastern Oregon. Great Basin Naturalist 46:745-748.

Crawford, J. A., W. van Dyke, S. M. Meyers, and T. F. Haensly. 1986. Fall diet of Blue Grouse in Oregon. Great Basin Naturalist 46:123-127.

Crichton, V. 1963. Autumn and winter foods of the Spruce Grouse in central Ontario. Journal of Wildlife Management 27:597.

Curtis, J. D., and F. S. Elder. 1965. Blue Grouse feeding on planted ponderosa pine. Journal od Wildlife Management. 29:199-200.

Danskin, D. B. 1973. The behaviour of Blue Grouse (*Dendragapus obsurus fuliginosus* (Ridgway)) from populations of different densities. B. Sc. Thesis. University of British Columbia, Vancouver. 83pp.

Davis, W. E. 1987. Spruce Grouse, *Canachites canadensis*, feeds on needles of red pine, *Pinus resinosa*. Canadian Field-Naturalist 101:155.

Dawson, W. L. 1896. Notes on the birds of Okaogan Co., Washington. Wilson Bulletin 8(5):1-4.

D'Eon, R. G. 1997. Vegetative concealment, proximity to trails, and predator activity as relative factors affecting nest success and egg loss in Spruce Grouse, *Dendragapus canadensis*. Canadian Field Naturalist 111:399-402.

De Franceschi, P. F., and D. A. Boag. 1991. Summer foraging by Spruce Grouse: implications for galliform food habits. Canadian Journal of Zoology 69:1708-1711.

Degner, M. A. 1988. Song, vegetation, and sound production in Blue Grouse. M. Sc. Thesis. University of Alberta.

Dickerman, R. W., and J. Gustafson. 1996. The Prince of Wales Spruce Grouse: a new subspecies from southeastern Alaska. Western Birds 27:41-47.

Dickey, D. R., and A. J. Van Rossem. 1923. Description of a new grouse from southern California. Condor 25:168-169.

Doerr, J. G., C. L. Barescu, J. M. Brighenti Jr., and M. P. Morin. 1984. Use of clear-cutting and old-growth forests by male Blue Grouse in central southest Alaska. Pp.309-313 *In* Meehan, W. R., T. H. Merrell Jr., and T. H. Hanley (*editors*). Fish and wildlife relationships in old-growth forests, a symposium. American Institute of Fish Research Biologists.

Donaldson, J. L., and A. T. Bergerud. 1974. Behaviour and habitat selection of an insular population of Blue Grouse. Syesis 7:115-127.

Doyle, F. 2004. Blue Grouse habitat on Haida Gwaii/Queen Charlotte Islands. Unpublished Report to Habitat Conservation Trust Fund. 22pp.

Dragness, J. C. 1968. A study of the food habits of the Blue Grouse in western Washington. M. A. Thesis. Washington State University, Pullman. 36pp.

Edson, J. M. 1925. The hooters of Skyline Ridge. Condor 23:226-229.

Elliot, C. A., 1979. Insect availability as a food source for Spruce Grouse chicks. B. Sc. Thesis. University of New Brunswick, Fredericton.

Elliot, P. W., 1965. Factors affecting the local distribution of Blue Grouse on a breeding range. M. Sc. Thesis. University of British Columbia, Vancouver.

Ellison, L. N. 1966. Seasonal foods and chemical analysis of winter diet of Alaskan Spruce Grouse. Journal of Wildlife Management 30:729-735.

Ellison, L. N. 1967. Spring movements and behavior of territorial and non-territorial male Alaskan Spruce Grouse. Abstracts of the Wildlife Society Northwestern Section Annual Conference. 18pp.

Ellison, L. N. 1968. Sexing and aging Alaskan Spruce Grouse by plumage. Journal of Wildlife Management 32:12-16.

Ellison, L. N. 1969. Spruce Grouse road counts and harvest data for 1965-69, Swan Lake Road, Kenai Peninsula, Alaska. Unpublished manuscript, 6 pp.

Ellison, L. N. 1971. Spruce Grouse attacked by a Northern Shrike. Wilson Bulletin 83:99-100.

Ellison, L. N. 1971. Territoriality in Alaskan Spruce Grouse. Auk 88:652-664.

Ellison, L. N. 1972. Role of winter food in regulating numbers of Alaskan Spruce Grouse. Ph. D. Dissertation. University of California, Berkeley.

Ellison, L. N. 1973. Seasonal social organization and movements of Spruce Grouse. Condor 75:375-385.

Ellison, L. N. 1974. Population characteristics of Alaskan Spruce Grouse. Journal of Wildlife Management 38:383-395.

Ellison, L. N. 1975. Density of Alaskan Spruce Grouse before and after fire. Journal of Wildlife Management 39:468-471.

Ellison, L. N. 1976. Winter food selection by Alaskan Spruce Grouse. Journal of

Wildlife Management 40:205-213.

Ellison, L. N., and R. B. Weeden. 1979. Seasonal and local weights of Alaskan Spruce Grouse. Journal of Wildlife Management 43:176-183.

Emerick, R. H. 1968. Behavioral responses of Spruce Grouse (*Canachites canadensis*) hens and broods to predators. Unpublished Report. Department of Biology, Northern Michigan University, Marquette. 14pp.

Falls, J. B., and M. K. McNicholl. 1979. Neighbor-stranger discrimination by song in male Blue Grouse. Canadian Journal of Zoology 57:457-462.

Fenna, L., and D. A. Boag. 1974. Adaptive significance of the caeca in Japanese Quail and Spruce Grouse (Galliformes). Canadian Journal of Zoology 52:1577-1584.

Ferron, J., and Y. Lemay. 1987. Prévisions démographiques pour la population de Tétras des savanes (*Dendragapus canadensis*) introduite à l'Île d'Anticosti en 1985 et 1986. [Population forecasts for the population of Spruce Grouse (*Dendragapus canadensi*s) introduced on the Island d' Anticosti in 1985 and 1986.] Gouvernement du Québec, Ministère du loisir. 33pp. (in French).

Forbes, M., P. J. Weatherhead, and G. F. Bennett. 1994. Blood parasites of Blue Grouse: variation in prevalence and patterns of interspecific association. Oecologia 97:520-525.

Foreyt, W. J. 1986. Physalopterine larvae in muscles of Blue Grouse and a Chukar Partridge. Journal of the American Veterinary Medicine Association 189:1114-1115.

Fowle, C. D. 1944. The Sooty Grouse, *Dendragapus fuliginous fuliginous* (Ridgway), on its summer range. M. Sc. Thesis. University of British Columbia, Vancouver.

Fowle, C. D. 1946. The blood parasites of the Blue Grouse. Science 103:708-709.

Fowle, C. D. 1960. A study of the Blue Grouse (*Dendragapus obscurus*) on Vancouver Island, British Columbia. Canadian Journal of Zoology 38:701-713.

Fox, A. 1999. Behaviour and body condition in male Red Grouse: effect of parasites. Ph. D. Dissertation. University of Stirling.

Frandsen, D. H. 1980. Density, habitat, and behaviour of Blue Grouse. M. Sc. Thesis. University of Toronto.

Fritz, R. S. 1977. The distribution and population status of the Spruce Grouse in the Adirondacks. M. Sc. Thesis. State College of New York – Syracuse.

Fritz, R. S. 1977. The Spruce Grouse in the Adirondacks. Conservationist 31(4):19-22.

Fritz, R. S. 1979. Consequences of insular population structure: distribution and extinction of Spruce Grouse populations. Oecologia 42:57-65.

Fritz, R. S. 1980. Consequences of insular population structure: distribution and extinction of Spruce Grouse populations in the Adirondack Mountains. Acta Congr. Internat. Ornithol. 2:757-763.

Fritz, R. S. 1985. Spruce Grouse in habitat patches in the Adirondack Mountains: dispersal vs. rarity. Auk 105:393-394.

Girard, C. 1999. Comparaison de l'utilisation de différents types de structures de forêt résiduelle par le tétras du Canada, *Falcipennis canadensis*. [Comparison of the use of various types of structures of residual forest by Canadian Spruce Grouse, *Falcipennis canadensis*. M. Sc. Thesis. Université du Québec à Chicoutimi.. (in French).

Gradoni, P. B. 1982. Feeding ecology of Spruce Grouse in the Adirondacks. M. S. Thesis. State University of New York, Syracuse.

Gradoni, P. B., and R. E. Chambers. 1982. Feeding ecology of Spruce Grouse in the Adirondacks. Transactions of the Northeast Fish and Wildlife Conference 39:111.

Grange, W. B. 1940. A comparison of the displays and vocal performance of the Greater Prairie Chicken, Lesser Prairie Chicken, Sharp-tailed Grouse, and Sooty Grouse. Passenger Pigeon. 2:127-133.

Green, C. deB. 1928. The fluttering habit of Richardson's Grouse (*Dendragapus obscurus richardsonii*). Murrelet 9:67.

Gregg, L., B. Heeringa, and D. Eklund. 2004. Conservation assessment for Spruce Grouse (Falcipennis Canadensis). USDA Forest Service, Eastern Region.

Geier, J. 2009. Shadow chickens of the sky islands: searching for Sooty Grouse in Oregon's coastal range. Winging It 21(4):1, 4-5.

Grote, H. 1944. Ein kleiner Beitrag zur Biologie von *Falcipennis falcipennis*. [A small contribution to the biology of *Falcipennis falcipennis*.] Orn. Monatsb. 52:159-161. (in German).

Gullion, G. W., and G. C. Christensen. 1957. A review of the distribution of gallinaceous game birds in Nevada. Condor 59:128-138.

Gurchinoff, S. 1969. A chemical and environmental analysis of jackpine needles

selected by Spruce Grouse in winter feeding. M. A. Thesis. Northern Michigan University.

Gurchinoff, S., and W. L. Robinson. 1972. Chemical characteristics of jack pine needles slected by feeding Spruce Grouse. Journal of Wildlife Management 36:80-87.

Gustafson, J. 1994. The Franklin's Grouse of southern southeast Alaska. Report, Alaska Department of Fish and Game, Ketchikan.

Haas, G. H. 1974. Habitat selection, reproduction, and movement in female Spruce Grouse. Ph. D. Dissertation. University of Minnesota, Minneapolis.

Hannon, S. J. 1978. The reproductive cycle, movements, and pre-nesting behavior of adult and yearling females in a population of Blue Grouse. M. Sc. Thesis. University of Alberta, Edmonton.

Hannon, S. J. 1979. Plasma calcium as an indicator of reproductive condition in female Blue Grouse. Canadian Journal of Zoology 57:463-465.

Hannon, S. J. 1980. The cackle call of female Blue Grouse: does it have a mating or aggressive function? Auk 97:404-407.

Hannon, S. J. 1981. Postovulatory follicles as indicators of egg production in Blue Grouse. Journal of Wildlife Management 45:1045-1047.

Hannon, S. J., B. R. Simard, F. C. Zwickel, and J. F. Bendell. 1979. Differences in the gonadal cycles of adult and yearling Blue Grouse. Canadian Journal of Zoology 57:1283-1289.

Hannon, S. J., L. G. Sopuck, and F. C. Zwickel. 1982. Spring movements of female Blue Grouse: evidence for socially induced delayed breeding in yearlings. Auk 99:687-694.

Hannon, S. J., and F. C. Zwickel. 1979. Probable non-breeders among female Blue Grouse. Condor 81:78-82.

Hannon, S. J., and F. C. Zwickel. 1987. Spacing behavior and population regulation in female Blue Grouse. Auk 104:344-345.

Hardy, M. 1910. The Canada Grouse. Journal of the Maine Ornithological Society. 12:47-49.

Harju, H. J. 1969. Acoustical communication of the Spruce Grouse. M. A. Thesis. Northern Michigan University, Marquette.

Harju, H. J. 1971. Spruce Grouse copulation. Condor 73:380-381.

Harju, H. J. 1974. An analysis of some aspects of the ecology of Dusky Grouse. Ph. D. Dissertation. University of Wyoming.

Harrison, S. 2001. Effects of forest connectivity on ecological processes: using Spruce Grouse as a model system. Ph. D. Dissertation. University of British Columbia.

Harrison, S., B. Chatterson, and D. Paul. 1997. Landscape connectivity and its effect on the ecological proceeses of Spruce Grouse *Dendragapus canadensis* populations. Wildlife Biology 3:287. Abstract only.

Hartlaub, G. 1855. Ueber *Tetrao falcipennis*, nov. sp. [Over *Tetrao falcipennis*, new species.] Journal of Ornithology 3:39-42. (in German).

Haas, G. H. 1973. Habitat selection by Spruce Grouse hens during the spring and summer. Bulletin of the Ecological Society of America 53:19.

Haas, G. H. 1974. Habitat selection, reproduction and movements in female Spruce Grouse. Ph. D. Dissertation. University of Minnesota, Minneapolis.

Hedberg, J. 1980. Habitat selection by Spruce Grouse in eastern Maine. M. Sc. Thesis. University of Maine, Orono.

Hedberg, J., and T. A. May. 1981. The distribution and habitat selection of Spruce Grouse in Maine. Update : Projects and progress in life sciences and agricultural research - Maine Life Sciences and Agriculture Experiment Station (USA). Vol. 9(3). 4pp.

Heebner, G. C. 1956. A study of the life history and ecology of the Blue Grouse in west central Idaho. M. Sc. Thesis. University of Idaho.

Henderson, U. B. 1960. A study of Blue Grouse on summer range, North Central Washington. M. Sc. Thesis. Washington State University.

Herman, M. F. 1980. Spruce Grouse habitat requirements in western Montana. Ph. D. Dissertation. University of Montana.

Hervieux, D. P., F. C. Zwickel, and R. A. Lewis. 1993. Variations in courtship activity among male Blue Grouse: do some males breed more than others? Canadian Journal of Zoology 71:1079-1083.

Herzog, P. W. 1977. Dispersion and mobility in a local population of Spruce Grouse (*Canachites canadensis franklinii*). M. Sc. Thesis. University of Alberta, Edmonton.

Herzog, P. W. 1978. Food slection by female Spruce Grouse during incubation. Journal

of Wildlife Management 42:632-636.

Herzog, P. W. 1979. Effects of radio-marking on behavior, movements, and survival of Spruce Grouse. Journal of Wildlife Management 43:316-323.

Herzog, P. W., and D. A. Boag. 1977. Seasonal changes in aggressive behavior of female Spruce Grouse. Canadian Journal of Zoology 55:1734-1739.

Herzog, P. W., and D. A. Boag. 1978. Dispersion and mobility in a local population of female Spruce Grouse. Journal of Wildlife Management 42:853-865.

Herzog, P. W., and D. M. Keppie. 1980. Migration in a local population of Spruce Grouse. Condor 82:366-372.

Hines, J. A. 1986. Recruitment of young in a declining population of Blue Grouse. Ph. D. Dissertation. University of Alberta, Edmonton.

Hines, J. E. 1986. Survival and reproduction of dispersing Blue Grouse. Condor 88:43-49.

Hines, J. E. 1986. Social organization, movements, and home ranges of Blue Grouse in fall and winter. Wilson Bulletin 98:419-432.

Hines, J. E. 1987. Winter habitat relationships of Blue Grouse on Hardwicke Island, British Columbia. Journal of Wildlife Management 51:426-435.

Hines, J. E., and F. C. Zwickel. 1985. Influence of radio packages on young Blue Grouse. Journal of Wildlife Management 49:1050-1054.

Hockin, E. W. 1967. Hunter samples as a method to determine effects of migration, weather and habitat on population dynamics of Blue Grouse. B. Sc. Honors Thesis. University of British Columbia, Vancouver. 31pp.

Hoffman, R. S. 1956. Population fluctuations of small mammals and Sooty Grouse in California. Ph. D. Dissertation. University of California, Berkeley.

Hoffman, R. S. 1956. Observations on a Sooty Grouse population at Sage Hen Creek, California. Condor 58:321-337.

Hoffman, R. S. 1961. The quality of winter food of Blue Grouse. Journal of Wildlife Management 25:209-210.

Hoffman, R. S., R. G. Janson, and F. Hartkorn. 1958. Effect on grouse populations of DDT spraying for spruce budworm. Journal of Wildlife Management 22:92-93.

Hoffman, R. W. 1979. Population dynamics and habitat relationships of Blue Grouse.

Colorado Division of Wildlife, Game Research Report Project W-37-R-32, Job 5. Pp201-244.

Hoffman, R. W. 1981. Volunteer collection station for use in obtaining grouse wing samples. Wildlife Society Bulletin 9:180-184.

Hoffman, R. W. 1983. Sex classification of juvenile Blue Grouse from wing characteristics. Journal of Wildlife Management 47:1143-1147.

Hoffman, R. W. 1985. Blue Grouse wing analyses: methodology and population inferences. Colorado Division of Wildlife, Special Report No. 60 21pp.

Hoffman, R. W. 1985. Effects of changes in hunting regulations on Blue Grouse populations. *In*: Beason, S. L., and S. F. Roberson (Eds.). Game Harvest Management. Caesar Kleberg Wildlife Research Institute, Kingsville, TX. Pp.327-334.

Hoffman, R. W., and C. E. Braun. 1978. Characteristics and status of Ruffed Grouse and Blue Grouse in Colorado. Western Birds 9:121-126.

Hohf, R. S. 1985. Factors affecting selection of winter activity trees by Spruce Grouse. M. Sc. Thesis. Washington State University.

Hohf, R. S., J. T. Ratti, and R. Croteau. 1987. Experimental analysis of winter food selection by Spruce Grouse. Journal of Wildlife Management 51:159-167.

Hollett, K. G. 1986. The supraorbital combs of Spruce Grouse: their structure in relation to function. M. Sc. Thesis. University of Guelph.

Hollet, K. G., V. G. Thomas, and S. D. McDonald. 1984. Structural and functional aspects of supraorbital combs of grouse. Internat. Grouse Symp., World Pheasant Assoc., Suffolk. Proc. 3:193-211.

Holmes, J. C., and D. A. Boag. 1965. Parasites of the mountain grouse of Alberta, Canada. Wiad. Parazytol. 11:255-262.

Hudson, G. E. 1955. An apparent hybrid between the Ring-necked Pheasant and the Blue Grouse. Condor 57:304.

Huggard, D. 1996. Spruce Grouse distribution and habitat use at Sicamous Creek. Pp. 214-223 *In*: Hollstedt, C., and A. Vyse (Eds). Sicamous Creek Silvicultural Systems Project: Workshop Proceedings, April 24–25, 1996, Kamloops, British Columbia, Canada.

Huggard D. 1997. Sicamous Creek silvicultural systems project: Spruce Grouse: habitat and landscape relationships, and the effects of silvicultural systems.

Science Council of B. C. 11pp.

Huggard, D. J. 2003. Use of habitat features, edges, and harvest treatments by Spruce Grouse in subalpine forest. Forest Ecology and Management 175:531-544.

Isaev, A. P., and L. N. Safonov. 20XX. [Strategy of Siberian Spruce Grouse Conservation in Yakutia.] (in Russian with English summary).

Jamieson, I. G. 1982. Spatial patterns and behavior of yearling Blue Grouse and their relation to recruitment into the breeding population. M. Sc. Thesis. University of Alberta, Edmonton.

Jamieson, I. G. 1983. The shoulder-spot display in male Blue Grouse. Wilson Bulletin 95:667-669.

Jamieson, I. G. 1983. Seasonal changes in spatial patterns and behavior of yearling male Blue Grouse on the breeding range. Canadian Journal of Zoology 61:2777-2780.

Jamieson, I. G. 1985. Behavior of yearling male Blue Grouse and its relation to delayed breeding. Wilson Bulletin 97:71-77.

Jamieson, I. G., and F. C. Zwickel. 1983. Spatial patterns of yearling male Blue Grouse and their relationship to recruitment into the breeding population. Auk 100:653-657.

Jamieson, I. G., and F. C. Zwickel. 1983. Dispersal and site fidelity in Blue Grouse. Canadian Journal of Zoology 61:570-573.

Janossy, D. 1975. Some new data on faunistical exchanges through the Bering-Bridge. Aquila 80-81:87-89. (Ruffed Grouse, Hazel Grouse, American Spruce Grouse, Siberian Spruce Grouse, Willow Ptarmigan, Rock Ptarmigan).

Jehl, J. R. 1969. Fossil grouse of the genus *Dendragapus*. Transactions of the San Diego Society of Natural History 15:165-174.

Jensen, D. N. 1963. The pathological effect of infections of *Dispharynx nasuta* (nematode:spiruroidea) on the blue Grouse *Dendragapus obscurus* (Say). Ph. D. Dissertation. University of British Columbia.

Jensen, D. N. 1966. Some pathological effects of infections of *Dispharynx nasuta* (Nematoda: Spiruroidea) in the Blue Grouse, *Dendragapus obscurus* (Say). Proceedings of the 1st International Congress on Parasitology. (Rome 21-26 Sept. 1964) 1:517.

Jewett, S. G. 1932. An unusual Gallinaceous hybrid. Condor 57:191.

Jollie, M. 1955. A hybrid between the Spruce Grouse and the Blue Grouse. Condor 57:213-215.

Jonkel, C. J., and K. R. Greer. 1963. Fall food habits of Spruce Grouse in northwest Montana. Journal of Wildlife Management 27:593-596.

Johnson, L .J. 1973. Habitat use, behavior, territoriality, and movements of the male Canada Spruce Grouse of northern Minnesota. M. Sc.Thesis, University of Minnesota.

Johnson. R. A. 1929. Summer notes on the Sooty Grouse of Mount Rainier. Auk 46:291-293.

Johnston, R. W. 1969. A survey of hunters in Spruce Grouse habitat in Michigan. The Jack Pine Warbler 47:111-114.

Jones, T. L., and W. L. Robinson. 1969. Blood parasites of Michigan Spruce Grouse, *Canachites canadensis*. Journal of Parasitology 55:492.

Judakov, A. G. 1972. [Acontribution to the biology of *Falcipennis falcipennis* in the Amur district.] Zoologicheskii Zhurnal 51:620-623. (in Russian with English summary).

June, J. W. 1967. Sage Grouse sexing and aging characteristics, Blue Grouse sexing and aging characteristics, Ruffed Grouse sexing anf aging characteristics: Completion Report. Wyoming Game and Fish Commission.

June, J. 1969. The haunts of Blue and Ruffed Grouse. Wyoming Wildllife 33(10):26-29.

Keppie, D. M. 1974. Clutch size of the Spruce Grouse, *Canachites canadensis franklinii*, in southwest Alberta. Condor 76:91-92.

Keppie, D. M. 1975. Dispersal, overwinter mortality and population size of Spruce Grouse (*Canachites canadensis franklinii*). Ph. D. Dissertation. University of Alberta, Edmonton.

Keppie, D. M. 1977. Snow cover and the use of trees by Spruce Grouse in Autumn. Condor 79:382-384.

Keppie, D. M. 1977. Inter-brood movements of juvenile Spruce Grouse. Wilson Bulletin 89:67-72.

Keppie, D. M. 1979. Dispersal, overwinter mortality, and recruitment of Spruce Grouse. Journal of Wildlife Management 43:717-727.

Keppie, D. M. 1980. Similarity of dispersal among sibling male Spruce Grouse. Canadian Journal of Zoology 58:2102-2104.

Keppie, D. M. 1982. A difference in production and associated events in two races of Spruce Grouse. Canadian Journal of Zoology 60:2116-2123.

Keppie, D. M. 1985. Weight loss of spruce grouse eggs during incubation. Canadian Journal of Zoology 63:888-890.

Keppie, D. M. 1987. Do some female spruce grouse not breed? Canadian Journal of Zoology 65:211-213.

Keppie, D. M. 1987. Impact of demographic parameters upon a population of Spruce Grouse in New Brunswick. Journal of Wildlife Management 51:771-777.

Keppie, D. M. 1991. The termination of spring display by male Spruce Grouse, and commencement of egg laying by females. Canadian Journal of Zoology 69:3000-3004.

Keppie, D. M. 1992. An audio index for male Spruce Grouse. Canadian Journal of Zoology 70:307-313.

Keppie, D. M. 1997. Fragmentation of Spruce Grouse *Dendragapus canadensis* habitat: a synthesis of the present and direction for the future. Wildlife Biology 3:284. Abstract only.

Keppie, D. M. 2000. Spruce Grouse, a non-gregarious and sparsely distributed forest bird, shows synchronous nesting. Oecologia 123:490-496.

Keppie, D. M. 2004. Autumn dispersal and winter residency do not confer reproductive advantages on female Spruce Grouse. Condor 106:896-904.

Keppie, D. M., and P. W. Herzog. 1978. Nest site characteristics and nest success of Spruce Grouse. Journal of Wildlife Management 42:628-632.

Keppie, D. M., and J. M. Kierstad. 2003. The need to improve our attention to scale of resolution in grouse research. Wildlife Biology 9:385-391.

Keppie, D. M., and J. Towers. 1990. Using phenology to predict commencement of nesting of female Spruce Grouse (*Dendragapus canadensis*). American Midland Naturalist 124:164-170.

Keppie, D. M., and J. Towers. 1992. A test on social behavior as a cause of dispersal of Spruce Grouse. Behavioral Ecology and Sociobiology 30:343-346.

Kiliaan, H. P. L. 1989. A Hawk-Owl Spruce Grouse encounter in the Northwest

Territories. Blue Jay 47:213-214.

King, D. G. 1971. The ecology and population dynamics of Blue Grouse in the sub-alpine. M. Sc. Thesis. University of British Columbia, Vancouver.

King, D. G. 1973. Feeding habits of the Blue Grouse in the subalpine. Syesis 6:121-125.

King, J. S., and C. E. Braun. 1970. Fall foods of sub-alpine populations of Blue Grouse in Colorado. Journal of the Colorado and Wyoming Academy of Science 6:52.

King, R. D. 1968. Food habits in relation to the ecology and population dynamics of Blue Grouse. M. Sc. Thesis. University of British Columbia.

King, R. D., and J. F. Bendell. 1982. Foods selected by blue grouse (*Dendragapus obscurus fuliginosus*). Canadian Journal of Zoology 60:3268-3281.

Kitchin, E. A. 1924. An infected grouse. The Murrelet 5:10.

Klaus, S., and A. V. Andreev. 1991. Das Sichelhuhn - 'Wundervogel' der Amurtaiga. [The Spruce Grouse – wonder bird of the Amurtaiga.] Voliere 1991(3):68-72. (in German).

Kraft, E. 2002. Effects of wildfire on Blue Grouse during a nesting season. M. Sc. Thesis. New Mexico Highlands University.

Krahn, P. J. 1980. Sharp-tailed-Sruce Grouse mixture. Blue Jay 38:119.

Kranz, J. J. 1976. Blue Grouse introduction into the Black Hills of South Dakota, 1967-76. Fed. Aid in Wildl. Restor. Proj. W-75-R-9-18. Completion Report. SD Dept. Game, Fish, and Parks.

Kristensen, J. 1973. Distraction display in female Blue Grouse. B. Sc. Thesis. University of Alberta, Edmonton.

Kueber, R. J. 1973. The influence of winter weather conditions on the survivorship of *Canachites canadensis* in northern Michigan. M. A. Thesis. Northern Michigan University, Marquette.

Kuz'mina, M. A. 1992. Tetraonidae and phasianidae of the USSR. Translated by P. M. Rao and D. Siegel-Causey. Smithsonian Institution Libraries and The National Science Foundation, Washington, DC.

Lacher, J. R., and D. D. Lacher. 1965. Blue Grouse in captivity. Journal of Wildlife Management. 29:404-405.

Lance, A. N. 1967. A telemetry study of dispersion and breeding biology in Blue Grouse. M. Sc. Thesis. University of British Columbia, Vancouver.

Lance, A. N. 1970. Movements of Blue Grouse on the summer range. Condor 72:437-444.

Lance, A. N. 1970. Diet and mortality of young Blue Grouse raised in captivity. Journal of Wildlife Management 34:653-655.

Lance, A. N., F. C. Zwickel, F. A. Gornall, and J. F. Bendell. 1970. Diet and mortality of young Blue Grouse raised in captivity. Journal of Wildlife Management. 34:653-655.

Lattner, M. T. 1982. Foods, mobility, habitat selection and density of Spruce Grouse. M. Sc. Thesis. University of Toronto. 109pp.

LeCount, A. 1970. Fall food preferences of Blue Grouse in the White Mountains of Arizona. M. Sc. Thesis. University of Arizona.

Leider, M. J. 1969. Physiological and ecological responses of Spruce Grouse (*Canachites canadensis*) to blood parasitism in northern Michigan. M. A. Thesis. Northern Michigan University, Marquette.

Lemay, Y. 1990. Caractérisation de l'habitat de reproduction du tétras du Canada (*Dendragapus canadensis*) sur l'île d'Anticosti. [Characterization of the habitat of reproduction of the Canadian grouse (*Dendragapus canadensis*) on the island of Anticosti. M. Sc. Thesis. Université du Québec à Trois-Rivières. (in French).

Lemay, Y., and J. Ferron. 1987. Évaluation d'une technique de recensement pour le tétras des savanes (*Dendragapus canadensis*) et proposition d'une méthode de mesure de l'expansion de la population introduite sur L'Ile d'Anticosti. [The evaluation of a technique of census for the Spruce grouse (*Dendragapus canadensis*) and the proposal; a method of measurement of the expansion of the population introduced on the Island d' Anticosti.] Gouvernement du Québec, Ministère du loisir. 25pp. (in French).

Lemay, Y., J. Ferron, J.-P. Ouellet, and R. Couture. 1998. [Reproductive habitat and nesting success of the Spruce Grouse *Falcipennis canadensis* on Anticosti Island, Quebec.] Habitat de reproduction et succès de nidification d'une population introduite de Tétras du Canada, *Falcipennis canadensis*, dans l'Ile d'Anticosti, Québec Can. Field-Naturalist 112:267-275. (in French with English summary).

Lewis, R. A. 1979. Suitability and selection of territorial sites used by male Blue Grouse. M. Sc. Thesis. University of Alberta, Edmonton.

Lewis, R. A. 1981. Characteristics of persistent and transient territorial sites of male

Blue Grouse. Journal of Wildlife Management 45:1048-1051

Lewis, R. A. 1984. Survival, behavior, use of territories, and breeding densities of male Blue Grouse in coastal British Columbia. Ph. D. Dissertation. University of Alberta.

Lewis, R. A. 1984. Non-territorial adult males and breeding densities of Blue Grouse. Wilson Bulletin 96:723-725.

Lewis, R. A. 1984. Evidence of aggressive behavior in female Blue Grouse. Auk 101:195-196.

Lewis, R. A. 1984. Density, movements, and breeding success of female Blue Grouse in an area of reduced male density. Canadian Journal of Zoology 62:1556-1560.

Lewis, R. A. 1985. Use of space by territorial male Blue Grouse. Wilson Bulletin 97:97-101.

Lewis, R. A. 1985. Do Blue Grouse form leks? Auk 102:180-184.

Lewis, R. A. 1986. Survival, behavior, use of territories, and breeding densities of male Blue Grouse in coastal British Columbia. Ph. D. Dissertation University of Alberta. 146pp.

Lewis, R. A. 1986. Aggressiveness, incidence of singing, and territory quality of male Blue Grouse. Canadian Journal of Zoology 33:1426-1428.

Lewis, R. A. 1988. Effect of previous occupancy on recruitment to territorial sites of male Blue Grouse. Wilson Bulletin 100:310-312.

Lewis, R. A., and M. A. Degner. 1982. Mortality of nestling Blue Grouse owing to inclement weather. Canadian Field-Naturalist 96:218-219.

Lewis, R. A., and I. G. Jamieson. 1987. Delayed breeding in yearling male grouse: an evaluation of two hypotheses. Condor 89:182-185.

Lewis, R. A., and F. C. Zwickel. 1980. Removal and replacement of male Blue Grouse on persistent and transient territory sites. Canadian Journal of Zoology 58:1417-1423.

Lewis, R. A., and F. C. Zwickel. 1981. Differential use of territorial sites by male Blue Grouse. Condor 83:171-176.

Lewis, R. A., and F. C. Zwickel. 1982. Survival and delayed breeding in male Blue Grouse. Canadian Journal of Zoology 60:1881-1884.

Linden, H., and M. Wikman. 1983. Goshawk predation on Tetraonids: availability of prey and diet of the predator in the breeding season. Journal of Animal Ecology 52:953-968.

Low, D. J. 1975. Qualities of individuals in a replacement stock of Blue Grouse. M. Sc. Thesis. University of British Columbia, Vancouver.

Ludwig, G. X., R. V. Alatalo, P. Helle, K. Nissinen, and H. Siitari. 2008. Large-scale drainage and breeding success in boreal forest grouse. Journal of Applied Ecology 45:325-333.

Lumsden, H. G. 1961. Displays of the Spruce Grouse. Canadian Field-Naturalist 75:152-160.

Lumsden, H. G. 1969. A hybrid grouse, *Lagopus* x *Canachites*, from northern Ontario. Canadian Field-Naturalist 83:23-30.

Lumsden, H. G., and R. B. Weeden. 1963. Notes on the harvest of Spruce Grouse. Journal of Wildlife Management 27:587-591.

Lycke, A., L. Imbeau, and P. Drapeau. 2011. Effects of commercial thinning on site occupancy and habitat use by Spruce Grouse in boreal Quebec. Canadian Journal of Forest Research 41:501-508.

MacDonald, S. D. 1968. The courtship and territorial behavior of Franklin's race of the Spruce Grouse. Living Bird 7:5-25.

Maestro, R. M. 1971. Spring and summer habitat preferences of Blue Grouse on the Bear River Range, Utah. M. Sc. Thesis. Utah State University.

Mahrt, J. L., F. C. Zwickel, and T. G. Tessier. 1991. Blood parasites of Blue Grouse (*Dendragapus obscurus*) in western North America. Journal of Wildlife Diseases 27:482-485.

Marshall, W. H. 1946. Cover preferences, seasonal movements, and food habits of Richardson's Grouse and Ruffed Grouse in southern Idaho. Wilson Bulletin 58:42-52.

Martin, K., C. Doyle, S. J. Hannon, and F. Mueller. 2001. Forest grouse and ptarmigan. Chapter 11, pages 240-260 *In* C.J. Krebs, S. Boutin and R. Boonstra (eds.). Ecosystem Dynamics of the Boreal Forest: The Kluane Project. Oxford University Press. (Spruce Grouse, Ruffed Grouse, Willow Ptarmigan, Rock Ptarmigan, White-tailed Ptarmigan).

Martinka, R. R. 1970. Structural characteristics and ecological relationships pf male Blue Grouse (*Dendragapus obscurus* (Say)) territories in southwestern Montana.

Ph. D. Dissertation. Montana State University.

Martinka, R. R. 1972. Structural characteristics of Blue Grouse territories in southwestern Montana. Journal of Wildlife Management 36:498-510.

McCourt, K. H. 1969. Dispersion and dispersal of female and juvenile Franklin's Grouse in southwestern Alberta. M. Sc. Thesis. University of Alberta, Edmonton.

McCourt, K. H., D. A. Boag, and D. M. Keppie. 1973. Female Spruce Grouse activities during laying and incubation. Auk 90:619-623.

McCourt, K. H., and D. M. Keppie. 1975. Age determination of juvenile Spruce Grouse. Journal of Wildlife Management 39:790-794.

McKinnon, D. T. 1983. Age separation of yearling and adult Franklin's Spruce Grouse. Journal of Wildlife Management 47:533-535.

McKinnon, D. T. 1986. Recruitment into a local population of Spruce Grouse. M. Sc. Thesis. University of Alberta.

McKinnon, D. T., and F. C. Zwickel. 1988. Length of incubation period of Blue Grouse. Murrelet 69:73-75.

McLachlin, R. A. 1970. The spring and summer dispersion of male Franklin's Grouse in lodgepole pine forest in southwestern Alberta. M. Sc. Thesis. University of Alberta, Edmonton.

McNicholl, M. K. 1978. Behaviour and social organization in a population of Blue Grouse on Vancouver Island. Ph. D. Dissertation. University of Alberta, Edmonton.

McNicholl, M. K. 1979. Individual variation in behavior among male Blue Grouse. North American Bird Bander 4:16-18.

McNicholl, M. K. 1983. Reactions of male Blue Grouse to intrusions by an observer. Journal of Field Ornithology 54:77-83.

Mitchell, G. J., and C. H. Bigland. 1960. Larval *Physaloptera* sp. in Richardson's Grouse. Journal of Wildlife Management 24:223.

Miyasaki, H. M. 2001. Ecology of Blue Grouse in west-central Idaho. M. S. Thesis. Univ. Idaho.

Miyasaki, H. M., and W. L. Bodie. 1996. Blue Grouse/livestock grazing relationships. Project W-160-R-23 (Jan. 1, 1996 to June 30, 1996). Idaho Department of Game

and Fish.

Miyasaki, H. M., K. P. Reese, and W. L. Bodie. 2003. Blue Grouse/livestock grazing relationships: completion report study 1. The relationship of Blue Grouse productivity and livestock grazing intensity. Idaho Department of Fish and Game. 52pp.

Moffitt, J. 1938. The downy young of *Dendragapus*. Auk 55:589-595.

Mollers, F., W. Englander, S. Klaus, and A. V. Andreev. 1995. Ein Rauhfußhuhn im dichten Wald — Variabilität im Ausdrucksverhalten des Sichelhuhns *Falcipennis falcipennis*. [How to display in dense woodland — variability of display in the Siberian Spruce Grouse (*Falcipennis falcipennis*). Journal of Ornithology 136:389-399. (in German with English abstract).

Monfils, M. J. 2007. Special animal abstract for *Falcipennis canadensis* (Spruce Grouse). Michigan Natural Features Inventory, Lansing, MI. 4 pp.

Mossop, D. H. 1971. A relation between aggressive behavior and population dynamics in Blue Grouse. M.Sc. Thesis. Univ. British Columbia, Vancouver.

Mossop, D. H. 1988. A relation between aggressive behavior and population dynamics in Blue Grouse. Pp. 3-28 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). Univ. Minnesota Press, Minneapolis.

Mossop, D. H. 1994. Trends in Yukon upland gamebird populations from long-term harvest analysis. Transactions of Noth American Wildlife and Natural Resources Conference 59:449-456.

Mueller, F. P. 1993. Herbivore-plant-soil interactions in the boreal forest: selective winter feeding by Spruce Grouse. M. Sc. Thesis. Univ. British Columbia.

Munger, C. 1992. Influence du climat sur l'éclosion des gélinottes huppées (*Bonasa umbellus*) et des tétras du Canada (*Dendragapus canadensis*) dans la zec Martin-Valin, automne 1991. [Influence of climate on displaying of the Ruffed Grouse (*Bonasa umbellus*) and of the Canadian Grouse (*Dendragapus canadensis*) in the zec Martin-Valin, autumn 1991.] Université du Québec à Chicoutimi. 39pp. (in French).

Murphy, P. A. 1994. Individual and population differences in aggressiveness of captive Blue Grouse (*Dendragapus obscurus*). Univ. Toronto.

Mussehl, T. W. 1958. Blue Grouse production, movements and population, in the Bridger Mountains, Montana. M. S. Thesis. Montana State Univ.

Mussehl, T. W. 1960. Blue Grouse production, movements, and populations in the Bridger Mountains, Montana. Journal of Wildlife Management 24:60-68.

Mussehl, T. W. 1963. Blue Grouse brood cover selection and land-use implications. Journal of Wildlife Management 27:547-555

Mussehl, T. W. 1963. Effects of land-use practices on Blue Grouse. Job completion report. Federal Aid in Wildlife Restoration Report. W-91-R-5. Montana Fish and Game Department.

Mussehl, T. W., and T. H. Leik. 1963. Sexing wings of adult Blue Grouse. Journal of Wildlife Management 27:102-106.

Mussehl, T. W., and R. B. Finley. 1967. Residues of DDT on forest grouse following spruce budworm spraying. Journal of Wildlife Management 31:270-287.

Mussehl, T. W., and P. Schladweiler. 1969. Forest grouse and experimental spruce budworm insecticide studies. MontanaFish and Game Department Technical Bulletin 4. 53pp.

Myers, G. T. 1965. Evaluation of a combined Blue Grouse-Wild Turkey hunting season. Colorado Dept. of Natural Resources, Division of Game, Fish and Parks, Game information leaflet no. 27

Nakata, Y. 1973. [My experiments in breeding the White-tailed Ptarmigan and Spruce Grouse in captivity.] Bull. Ornamental Pheasant and Waterfowl Society of Japan 6(2):8-13. (in Japanese).

Naylor, B. J. 1989. Adaptive significance of spring territories of female Spruce Grouse (*Dendragapus canadensis*). Ph. D. Dissertation. University of Toronto.

Naylor, B. J., and J. F. Bendell. 1989. Clutch size and egg size of Spruce Grouse in relation to spring diet, food supply and endogenous reserves. Canadian Journal of Zoology 67:969-980.

Naylor, B. J., K. J. Szuba, and J. F. Bendell. 1988. Nest cooling and recess length of incubating Spruce Grouse. Condor 90:489-492.

Nelson, A. R. 2010. Ecology of Prince of Wales Spruce Grouse. M. Sc. Thesis. University of Alaska, Fairbanks. 85pp.

Niederleitner, J. F. 1987. Use of early successional, midsuccessional, and old-growth forests by breeding Blue Grouse (*Dendragapus obscurus fuliginosus*) on Hardwicke Island, British Columbia. Canadian Journal of Zoology 65:151-155.

Nietfeld, M. T., and F. C. Zwickel. 1983. Classification of sex in young Blue Grouse.

Journal of Wildlife Management 47:1147-1151.

Norton, M. L., J. F. Bendell, L. I. Bendell-Young, and C. W. LeBlanc. 2001. Secondary effects of the pesticide *Bacillus thuringiensis kurstaki* on chicks of Spruce Grouse (*Dendragapus canadensis*). Archives Environ. Contamination and Toxicology 41:369-373.

Nugent, D. P. 1979. A behavioural analysis of communication among Franklin's Grouse during the breeding season. M. Sc. Thesis. University of Alberta.

Nugent, D. P., and D. A. Boag. 1982. Communication among territorial female Spruce Grouse. Canadian Journal of Zoology 60:2624-2632.

Olpinski, S. C. 1980. The significance of age differiential courtship and aggression behaviour among male Canada Spruce Grouse *Canaxhites canadensis canace* (L.). B.Sc. Honours Thesis. University of New Brunswick, Fredericton.

Onsongo, L. R. 1978. Age determination and age structure in lowland and subalpine populations of Blue Grouse. M. Sc. Thesis. University of Toronto.

Ouellet, H. 1974. An intergenetic grouse hybrid (*Bonasa* x *Canachites*). Canadian Field-Naturalist 88:183-186.

Parker, G. H. 1985. Copper, nickel, and iron in plumage of three upland gamebird species from non-contaminated environments. Bulletin of Enivronmental Contamination and Toxicology 35:776-780.

Paterni, M. J. 1979. Winter habitat selection by female Spruce Grouse in a mixed coniferous forest. M. Sc. Thesis. University of Montana.

Pekins, P. J. 1988. Effects of poncho-mounted radios on Blue Grouse. Journal of Field Ornithology 59:46-50.

Pekins, P. J. 1988. Winter ecological energetics of Blue Grouse. Ph. D. Dissertation. Utah State University.

Pekins, P. J., J. A. Gessaman, and F. G. Lindzey. 1992. Winter energy requirements of Blue Grouse. Canadian Journal of Zoology 70:22-24.

Pekins, P. J., J. A. Gessaman, and F. G. Lindzey. 1994. Field metabolic rate of Blue Grouse during winter. Canadian Journal of Zoology 72:227-231.

Pekins, P. J., J. A. Gessaman, and F. G. Lindzey. 1997. Microclimate characteristics of Blue Grouse *Dendragapus obscurus* roost-sites: influence on energy expenditure. Wildlife Biology 3:243-250.

Pekins, P. J., F. G. Lindzey, and J. A. Gessaman. 1991. Physical characteristics of Blue Grouse winter use-trees and roost sites. Great Basin Naturalist 51:244-248.

Pekins, P. J., F. G. Lindzey, J. A. Roberson, G. McDaniel, and R. Berger. 1989. Winter habitats and foods of Blue Grouse in the Sheeprock Mountains, Utah. Great Basin Naturalist 49:229-232.

Pelren, E. C. 1997. Blue Grouse winter ecology in northeastern Oregon. PhD Dissertation. Oregon State Univ.

Pelren, E. C., and J. A. Crawford. 1995. A trap for Blue Grouse. Great Basin Naturalist 55:284-285.

Pelren, E. C., and J. A. Crawford. 1997. Blue Grouse *Dendragapus obscurus* recruitment and weather relationships in northeastern Oregon, USA. Wildife Biology 3:274. Abstract only.

Pelren, E. C., and J. A. Crawford. 1999. Blue Grouse nesting parameters and habitat associations in northeastern Oregon. Great Basin Naturalist 59:368-373.

Pelren, E. C., and J. A. Crawford. 2001. Blue Grouse winter movements, habitat, and survival in northeastern Oregon. Northwest Science 75:372-377.

Pemberton, J. R. 1928. The nesting of Howard's Grouse. Condor 30:347-348.

Pence, D. M., E. Quinn, and C. Alexander. 1990. A continuing investigation of an insular population of Spruce Grouse (*Dendragapus canadensis*) in Essex County, Vermont . Vermont Nongame & Natural Heritage Program. 30pp.

Pendergast, B. A. 1969. Nutrition of Spruce Grouse in the Swan Hills, Alberta. M.S. Thesis. Univ. Alberta, Edmonton.

Pendergast, B. A., and D. A. Boag. 1970. Seasonal shanges in the diet of Spruce Grouse in central Alberta. Journal of Wildlife Management 34:605-611.

Pendergast, B. A., and D. A. Boag. 1971. Maintenance and breeding of Spruce Grouse in captivity. Journal of Wildlife Management 35:177-179.

Pendergast, B. A., and D. A. Boag. 1971. Nutritional aspects of the diet of Spruce Grouse in central Alberta. Condor 73:437-443.

Pendergast, B. A., and D. A. Boag. 1973. Seasonal changes in the internal anatomy of Spruce Grouse in Alberta. Auk 90:307-317.

Phillips, P. 1937. Dusky Grouse in the Chuskai Mountains of northeastern Arizona and northwestern New Mexico. Auk 54:203-204.

Pietz, P. J. 1979. Utilization of Minnesota peatland habitats by snowshoe hare, white-tailed deer, Spruce Grouse, and Ruffed Grouse. MS Thesis. Univ. Minnesota.

Pietz, P. J., and J. R. Tester. 1982. Habitat selection by sympatric Spruce and Ruffed Grouse in north central Minnesota. Journal of Wildlife Management 46:391-403.

Popper, K. J., E. C. Pelren, and J. A. Crawford. 1996. Summer nocturnal roost sites of Blue Grouse in northeastern Oregon. Great Basin Naturalist 56:177-179.

Potapov, R. L. 1969. [The courtship display of *Falcipennis falcipennis*.] Zoologicheskii Zhurnal 48:864-877. (in Russian).

Potapov, R. L. 1970. Comparative survey of the Spruce Grouses (*Falcipennis* and *Canachites*, Tetraonidae) of Asia and North America. Trudy Zool. Inst. Leningr. 47:205-234.

Potapov, R. L. 1985. [Order Galliformes Part 2. Family Tetraonidae. Volume 3 Part 1.] Fauna SSSR, Suppl. 133:1-637. (in Russian).

Potvin, F., and N. Bertrand. 2004. Leaving forest strips in large clearcut landscapes of boreal forest: A management scenario suitable for wildlife? Forestry Chronicle 80:44-53. (Spruce Grouse).

Potvin, F., and R. Courtois. 2006. Incidence of Spruce Grouse in residual forest strips within large clear-cut boreal forest landscapes. Northeastern Naturalist 13:507-520.

Quinn, N. W. 1980. Factors influencing growth of juvenile Spruce Grouse. M. Sc. Thesis. Univ. New Brunswick.

Quinn, N. W. S., and D. M. Keppie. 1981. Factors influencing growth of juvenile Spruce Grouse. Canadian Journal of Zoology 59:1790-1795.

Rand, A. L. 1947. Clutch size in the Spruce Grouse and theoretical considerations of some factors affecting clutch size. Canadian Field-Naturalist 61:127-130.

Rand, A. L. 1948. Variation in the Spruce Grouse in Canada. Auk 65:33-40.

Ratti, J. T., D. L. Mackey, and J. R. Alldredge. 1984. Analysis of Spruce Grouse habitat in north-central Washington. Journal of Wildlife Management 48:1188-1196.

Redfield, J. A. 1970. Components of fitness at NG locusin Blue Grouse (*Dendragapus obscurus*). Canadian Journal of Genetics and Cytology 12:393-???.

Redfield, J. A. 1972. Demographics and genetics in colonizing populations of Blue

Grouse (*Dendragapus obscurus*). PhD Dissertation. Univ. Alberta.

Redfield, J. A. 1973. Variations in weight of Blue Grouse (*Dendragapus obscurus*). Condor 75:312-321.

Redfield, J. A. 1973. The use of incomplete family data in the analysis of genetics and selection at the Ng locus in Blue Grouse (*Dendragapus obscurus*). Heredity 31:35-42.

Redfield, J. A. 1973. Demography and genetics in colonizing populations of Blue Grouse (*Dendragapus obscurus*). Evolution 27:576-592.

Redfield, J. A. 1973. Demography and genetics of colonization in Blue Grouse: implications for population regulation. Bulletin of the Ecological Society of America 53:18-19.

Redfield, J. A. 1974. Genetics and selection at the *Ng* locus in Blue Grouse (*Dendragapus obscurus*). Heredity 33:69-78.

Redfield, J. A. 1975. Comparative demography of increasing and stable populations of Blue Grouse (*Dendragapus obscurus*). Canadian Journal of Zoology 53:1-11.

Redfield, J. A. 1978. Growth of juvenile Blue Grouse *Dendragapus obscurus*. Ibis 120:55-61.

Redfield, R. E., and F. C. Zwickel. 1976. Determining the age of young Blue Grouse: a correction for bias. Journal of Wildlife Management 40:349-351.

Redfield, R. E., F. C. Zwickel, and J. F. Bendell. 1970. Effects of fire on numbers of Blue Grouse. Proceeding of the Annual Tall Timbers Fire Ecology Conference 10:63-83.

Redfield, R. E., F. C. Zwickel, J. F. Bendell, and A. T. Bergerud. 1972. Temporal and spatial patterns of allele and genotype frequencies at the Ng locus in Blue Grouse (*Dendragapus obscurus*). Canadian Journal of Zoology 50:1657-1662.

Redmond, G. W., D. M. Keppie, and P. W. Herzog. 1982. Vegetative structure, concealment, and success at nests of two races of Spruce Grouse. Canadian Journal of Zoology 60:670-675.

Remington, T. E. 1989. Why do grouse have ceca? A test of the fiber digestion theory. Journal of Experimental Zoology Suppl. 3:87-94.

Remington, T. E. 1990. Food selection and nutritional ecology of Blue Grouse during winter. PhD Dissertation. Univ. Wisc., Madison.

Remington, T. E., and R. W. Hoffman. 1996. Food habits and preferences of Blue Grouse during winter. Journal of Wildlife Management 60:808-817.

Remington, T. E., and R. W. Hoffman. 1997. Costs of detoxification of xenobiotics in conifer needles to Blue Grouse *Dendragapus obscurus*. Wildlife Biology 3:289. Abstract only.

Rensel, J. A., and C. M. White. 1988. First description of hybrid Blue x Sage Grouse. Condor 90:716-717

Reynolds, S. J. 1993. Condition as an indicator of the requirements for reproduction in female Spruce Grouse (*Dendragapus canadensis*). MS Thesis. Univ. Toronto.

Reynolds, S. J. 1996. Establishing body-size indicators in a study of female Spruce Grouse *Dendragapus Canadensis*. Journal of Zoology 240:113-122.

Reynolds, J. 1997. Body condition, territory ownership and age-related reproductive performance in Spruce Grouse *Dendragapus Canadensis* hens. Ibis 139:646-651.

Robinson, W. L. 1969. Habitat selection by Spruce Grouse in northern Michigan. Journal of Wildlife Management 33:113-120.

Robinson, W. L. 1980. Fool hen: The Spruce Grouse on the Yellow Dog Plains. University of Wisconsin Press, Madison, WI. 221pp.

Robinson, W. L., and D. E. Maxwell. 1968. Ecological study of the Spruce Grouse on the Yellow Dog Plains. Jack-Pine Warbler 46:75-83.

Rogers, G. E. 1963. Blue Grouse census and harvest in the United States and Canada. Journal of Wildlife Management 27:579-585.

Rogers, G. E. 1968. The Blue Grouse in Colorado. Colo. Game, Fish and Parks Dept., Game Research Div. Tech. Publ. no. 21.

Roslyakov, G. E. 1985. [*Falcipennis falcipennis* of Khabarovsk Territory is in need of protection.] Pp. 147-148 *IN*: N. M. Litvinenko (Ed.), [Rare and endangered birds of the Far East. Collection of scientific papers.] Far-East Science Centre, Vladivostok. (in Russian).

Ross, A. M. 2007. Spruce Grouse distribution, movements and habitat selection: a mid-successional species in an aging forested landscape. M. Sc. Thesis. State University of New York, Syracuse. 186pp.

Royar, K.J., and C.E. Alexander. 1987. Spruce grouse project performance report, 1987. Unpublished report, Vt. Fish and Wildl. Dept., Springfield. 15 pp.

Russell. A. L. 1999. Habitat relationships of Spruce Grouse in southeast Alaska. M. S. Thesis. Texas Tech. Univ.

Sandys, E., and T. S. Van Dyke 1902. Upland Game Birds. McMillan.

Schladweiler, P. 1969. Hematozoa from Montana Blue Grouse. Journal of Parasitology 55:830-832.

Schladweiler, P., and T. W. Mussehl. 1969. Use of mist nets for recapturing radio-equipped Blue Grouse. Journal of Wildlife Management 33:443-444.

Schladweiler, P., T. W. Mussehl, and R. J. Greene. 1970. Age determination of juvenile Blue Grouse by primay development. Journal of Wildlife Management 34:649-652.

Schottelius, B. A. 1951. Studies on Blue Grouse, *Dendragapus obscurus pallidus* Swarth., in the Methow Valley of Washington. M. S. Thesis. State College Washington, Pullman. 41pp.

Schottelius, D. D. 1951. A parasitological study of Blue Grouse in the Methow Valley of Washington. MS Thesis. Washington State Univ., Pullman. 18pp.

Schroeder, M. A. 1985. Behavioral differences of female Spruce Grouse undertaking short and long migrations. Condor 87:281-286.

Schroeder, M. A. 1985. Aspects of Spruce Grouse behaviour during the brood period, fall and spring phases of dispersal, and migration. M.Sc. Thesis. Univ. Alberta.

Schroeder, M. A. 1986. The fall phase of dispersal in juvenile Spruce Grouse. Canadian Journal of Zoology 64:16-20.

Schroeder, M. A. 2006. Blue Grouse *Dendragapus obscurus* are now considered to be two species: Dusky Grouse *Dendragapus obscurus* and Sooty Grouse *Dendragapus fuliginosus*. Grouse News 32:4-6.

Schroeder, M. A., and D. A. Boag. 1985. Behaviour of Spruce Grouse broods in the field. Canadian Journal of Zoology 63:2494-2500

Schroeder, M. A., and D. A. Boag. 1988. Dispersal in Spruce Grouse: is inheritance involved? Animal Behavior 36:305-307.

Schroeder, M. A., and D. A. Boag. 1989. Evaluation of a density index for territorial male Spruce Grouse. Journal of Wildlife Management 53:475-478.

Schroeder, M. A., and D. A. Boag. 1991. Spruce Grouse populations in successional

lodgepole pine. Ornis Scandinavia 22:186-191.

Schroeder, M. A., S. C. Heinl, A. W. Piston, and F. C. Zwickel. 2009. Regional phenotypic variation in Sooty Grouse. Western Birds 40:152-154.

Schroeder, R. L. 1984. Habitat suitability index models: Blue Grouse. USFWS FWS/OBS-92/10.81. 19pp.

Scott, J. W. 1944. A study of the comparative behavior of three species of grouse. Journal of the Colorado-Wyoming Academy of Science 4:58-59.

Scott, W. E. 1943. The Canada Spruce Grouse in Wisconsin. Passenger Pigeon 5:61-72.

Scott, W. E. 1947. The Canada Spruce Grouse (*Canachites Canadensis canace*). Wisconsin Conservation Bulletin 12(3):27-30.

Severson, K. E. 1978. A bibliography of Blue Grouse – 1889-1977. USFS Gent. Tech. Report RM-59.

Severson, K. E. 1986. Spring and early summer habitats and foods of male Blue Grouse in Arizona. Journal of the Arizona-Nevada Academy of Science 21:13-18.

Shrader, T. A. 1944. Ruffed and Spruce Grouse. Conservation Volunteer 7(40):36-40.

Simons, L. H. 1986. Adult male Blue Grouse eats lizards. Wilson Bulletin 98:171-172.

Simpson, G. 1935. Breeding Blue Grouse in captivity. Transactions of the American Game Conference 21:218-219.

Skinner, M. P. 1927. Richardson's Grouse in the Yellowstone Park. Wilson Bulletin 39:208-214

Smith, N. D. 1962. Molt patterns and breeding behavior of captive Blue Grouse. M. S. Thesis. Washington State Univ.

Smith, N. D., and I. O. Buss. 1963. Age determination and plumage observations of Blue Grouse. Journal of Wildlife Management 27:566-578.

Smyth, K. E. 1985. Production in Spruce Grouse: the reevaluation of a density-dependent hypothesis. M. Sc. Thesis. Univ. Alberta.

Smyth, K. E., and D. A. Boag. 1984. Production in Spruce Grouse and its relationship to environmental factors and population parameters. Canadian Journal of Zoology 62:2250-2257.

Sopuck, L. 1979. Movements and breeding biology of Blue Grouse in relation to

recruitment, reproductive success, and migration. MSc Thesis. Univ. Alberta, Edmonton. 96pp.

Sopuck, L. G., and F. C. Zwickel. 1983. Renesting in adult and yearling Blue Grouse. Canadian Journal of Zoology 61:289-291.

Sopuck, L. G., and F. C. Zwickel. 1992. Post-nesting movements of female Blue Grouse. Northwestern Naturalist 73:46-53.

Stabler, R. M., L. N. Ellison, and P. A. Holt. 1965. Blood parasites of Alaskan Spruce Grouse. Journal of Parasitology 51:21-??.

Stabler, R. M., A. G. Haskins, N. J. Kitzmiller, O. W. Olson, and C. E. Braun. 1979. Two new species of coccidia, *Eimeria leucuri* and *E. oreocetes* (Protozoa: Eimeriidae), in grouse from Colorado. Journal of Parasitology 65:272-274.

Stabler, R. M., P. A. Holt, and L. N. Ellison. 1965. A new malaria from the Spruce Grouse. Journal of the Colorado-Wyoming Academy of Science 5:49.

Stabler, R. M., and N. J. Kitzmiller. 1976. *Plasmodium* (*Giovannolaia*) *pedioecetii* from gallinaceous birds of Colorado. Journal of Parasitology 62:539-544.

Stabler, R. M., N. J. Kitzmiller, G. M. Clark, T. W. Mussehl, and P. Schladweiler. 1969. Hematozoa from Montana Blue Grouse. Journal of Parasitology 55:830-832.

Stabler, R. M., N. J. Kitzmiller, L. N. Ellison, and P. A. Holt. 1967. Hematozoa from the Alaskan Spruce Grouse, *Canachites canadensis*. Journal of Parasitology 53:233-234.

Standing, K. M. 1960. Factors in relation to population fluctuations in the Blue Grouse. Ph. D. Dissertation, Wash. State Univ.

Stauffer, D. F. 1983. Seasonal habitat relationships of Ruffed and Blue Grouse in southeastern Idaho. PhD Dissertation. Univ. Idaho.

Stauffer, D. F., and S. R. Peterson. 1985. Ruffed and Blue Grouse habitat use in southeastern Idaho. Journal of Wildlife Management 49:459-466.

Stauffer, D. F., and S. R. Peterson. 1986. Seasonal microhabitat relationships of Blue Grouse in southwestern Idaho. Great Basin Naturalist 46:117-122.

Steinhoff, H. W. 1956. The Dusky Grouse and its ecology in Colorado. Ph. D. Dissertation. State Univ. New York, Syracuse.

Stenlund, M. H., and L. Y. Magnus. 1951. The Spruce Hen comes back. Conservation Volunteer 14(84)20-24.

Stensaas, M. 1989. Male Spruce Grouse displays. Loon 61:39-41.

Stepanyan, L. S. 1962. [The systematic relationships between the Sharp-winged Grouse and Spruce Grouse.] Ornitologiya 5:368-371. (in Russian).

Stewart, P. A. 1967. Hooting of Sitka Blue Grouse in relation to weather, season, and time of day. Journal of Wildlife Management 31:28-34.

Stewart, R. E. 1944. Food habits of Blue Grouse. Condor 46:112-120

Stirling, I. G. 1965. Studies of the holding, behaviour and nutrition of captive Blue Grouse. M.Sc. Thesis. Univ. British Columbia, Vancouver.

Stirling, I. 1968. Aggressive behavior and the dispersion of female Blue Grouse. Canadian Journal of Zoology 46:405-408.

Stirling, I., and J. F. Bendell. 1966. Census of Blue Grouse with recorded call of a female. Journal of Wildlife Management 30:184-187.

Stirling, I., and J. F. Bendell. 1970. The reproductive behaviour of Blue Grouse. Syesis 3:161-171.

Stirling, I., and C. W. Roberts. 1967. Artificial insemination of Blue Grouse. Canadian Journal of Zoology 45:45-??.

Stiven, A. E. 1961. Food energy available for and required by the Blue Grouse chick. Ecology 42:547-553.

Stoneberg, R. P. 1967. A preliminary study of the breeding biology of the Spruce Grouse in north-western Montana. M. Sc. Thesis. Montana State University, Missoula.

Sullivan, M. G. 1979. Blue Grouse brood hen - black bear confrontation. Canadian Field-Naturalist 93:200.

Sullivan, R. E. 1968. White blood cell counts in relation to the incidence of Haemoproteus in the Spruce Grouse. Unpublished Report. Northern Michigan University, Marquette.

Swarth, H. S. 1921. The Sitkan race of the Dusky Grouse. Condor 23:59-60.

Swarth, H. S. 1931. Geographic variation in the Richardson grouse. Proceedings of the California Academy of Science 4th ser. Vol. 20:1-7.

Swenson, J. E., and P. Angelstam. 1993. Habitat speration by sympatric forest grouse in

Fennoscandia in relation to boreal forest succession. Canadian Journal of Zoology 71:1303-1310.

Szuba, K. J. 1989. Comparative population dynamics of Hudsonian Spruce Grouse in Ontario. Ph. D. Dissertation. University of Toronto.

Szuba, K. J., and J. F. Bendell. 1982. Population densities and habitats of Spruce Grouse in Ontario. Pp. 199-213 *in* R. W. Wein, R. R. Riewe, I. R. Methuen, eds. Resources and dynamics of the boreal forest. Assoc. Can. Univ. for Northern Studies, Ottawa.

Szuba, K. J., and J. F. Bendell. 1984. Weights of Ontario Spruce Grouse by sex, age, and breeding success. Canadian Journal of Zoology 62:788-792.

Szuba, K. J., and J. F. Bendell. 1988. Nonterritorial males in populations of Spruce Grouse. Condor 90:492-496.

Szuba, K. J., and J. F. Bendell. 1993. Balance and level in populations of Spruce Grouse *Dendragapus canadensis*. International Union of Game Biologists Proceedings 2:114-119.

Szuba, K. J., J. F. Bendell, and B. J. Taylor. 1987. Age determination of Hudsonian Spruce Grouse using primary feathers. Wildlife Society Bulletin 14:539-543.

Taverner, P. A. 1914. A new subspecies of *Dendragapus* (*Dendragapus obscurus flemingi*) from southern Yukon Territory. Auk 31:385-388.

Taverner, P. A. 1931. A new hybrid grouse *Lagopus lagopus* (Linnaeus) x *Canachites canadensis* (Linnaeus). National Museum Canada Annual Report 1930:89-91.

Taverner, P. A. 1932. A new hybrid Grouse, *Lagopus lagopus* (Linnaeus) x *Canachites canadensis* (Linnaeus). Bulletin National Museum Canada 68:81.

Thomas, V. G. 1985. Myoglobin levels and mATPase activity in pectoral muscles of Spruce and Ruffed grouse (Aves: Tetraoninae). Comp. Biochem. and Physiol. A 81:181-184.

Thomas, V. G. 1987. Similar winter energy strategies of grouse, hares and rabbits in northern biomes. Oikos 50:206-212.

Todd, A. E. 2003. Population distribution and vegetative structure of brood rearing habitat of Spruce Grouse (*Falcipennis canadensis*) in the White Mountain National Forest of New Hampshire. M. S. Thesis. Univ. New Hampshire.

Tomlinson, R. E. 1963. A method for drive-trapping Dusky Grouse. Journal of Wildlife Management 27:563-566

Towers, J. K. 1987. Autumn emigration of Spruce Grouse: influence of social interactions. M. Sc. Thesis. Univ. New Brunswick.

Towers, J. 1988. Age determination of juvenile Spruce Grouse in eastern Canada. Journal of Wildlife Management 52:113-115.

Tozer, R., and R. Pittaway. 1990. Finding the phantom Spruce Grouse. Ontario Birds 8(2):42-54.

Tufts, R. W. 1975. Intergenetic grouse hybrids (*Bonasa* x *Canachites*). Canadian Field-Naturalist 89:72.

Turcotte, F. 1993. Caractéristiques de l'habitat saisonnier du tétras du Canada (*Dendragapus canadensis*) en Abitibi-Témiscamingue. [Characterization of the habitats of the Canadian Grouse (*Dendragapus canadensis*) in the Abitibi-Témiscamingue.] M. Sc. Thesis. University of Quebec. 57pp. (in French).

Turcotte, F. 1994. Caractérisation des habitats essentiels du tétras du Canada (*Dendragapus canadensis*) dans la région de l'Abitibi-Témiscamingue. [Characterization of the essential habitats of the Canadian Grouse (*Dendragapus canadensis*) in the area of the Abitibi-Témiscamingue.] Report. 57pp. Gouvernement du Québec, Ministère de l'environnement et de la faune, Direction de la faune et des habitats. (in French).

Turcotte, F. 1994. Réactions du tétras du Canada (*Dendragapus canadensis*) face à l'exploitation forestière en forêt boréale. [Reactions of the Canadian Grouse (*Dendragapus canadensis*) to forestry development in northern boreal forest. Gouvernement du Québec, Ministère de l'environnement et de la faune, Direction de la faune et des habitats. 77pp. (in French).

Turcotte, F., R. Courtois, R. Couture, and J. Ferron. 2000. [Short-term impact of logging on the Spruce Grouse (*Falcipennis canadensis*).] Impact à court terme de l'exploitation forestière sur le tétras du Canada (*Falcipennis canadensis*) Canadian Journal of Forest Research 30:202-210. (In French with English abstract)

Uttal, L. J. 1939. Subspecies of the Spruce Grouse. Auk 56:460-464.

Valkovich, V. A., V. S. Ivanova, N. N. Troshkina. 1990. [Some data on morphometry in the Siberian Spruce Grouse (*Dendrogapus[Dendragapus] falcipennis*).] Ornitologiya 24:169-170. (in Russian).

Van Rossem, A. J. 1925. Flight feathers as age indicators in *Dendragapus*. Ibis ser. 12, 1:417-422.

Van Wagner, C. E. 1983. Growth of juvenile Blue Grouse. MSc Thesis. Univ. Toronto. 70pp.

Weber, D. A. 1972. Blue Grouse ecology and habitat requirements in north central Utah. M. S. Thesis. Utah State Univ.

Weber, D. A. 1975. Blue Grouse ecology, habitat requirements and response to habitat manipulation in north central Utah. Utah Coop. Wildl. Res. Unit. Special Rep. 66pp.

Weber, D., B. Barnes, and J. B. Law. 1974. The Blue Grouse in northern Utah. Utah Science 35:43-46.

Weeden, R. B. 1979. Relative heart size in Alaskan Tetraonidae. Auk 96:306-318.

Weinberg, H. 1994. A geographic information system analysis of Spruce Grouse habitat in the northern Adirondacks. M. S. Thesis. State Univ. New York, Syracuse.

Whitcomb, S. D. 1993. Population characteristics, patch occupancy, and fall dispersal of Spruce Grouse on Mount Desert Island, Maine. M. S. Thesis. Univ. Maine.

Whitcomb, S. D., A. F. O'Connell Jr., and F. A. Servello. 1996. Productivity of the Spruce Grouse at the southeastern limit of its range. Journal of Field Ornithology 67:422-427.

Whitcomb, S. D., F. A. Servillo, and A. F. O'Connell Jr. 1994. Population and habitat assessment for Spruce Grouse in Acadia National Park and on Mount Desert Island, Maine. National Park Service Technical report NPS/NAROSS/NRTR-94/23. 47pp.

Whitcomb, S. D., F. A. Servillo, and A. F. O'Connell Jr. 1996. Patch occupancy and dispersal of Spruce Grouse on the edge of its range in Maine. Canadian Journal of Zoology. 74:1951-1955.

Williams, N. A. 1975. The epizootiology of avian hematoza in birds from Comox Burn, Vancouver Island with emphasis on Blue Grouse, Leucocytozoon and its vectors. M. Sc. Thesis. Univ. Alberta.

Williams, N. A., J. L. Mahrt, and F. C. Zwickel. 1980. The ecology of blood parasites in Blue Grouse from Vancouver Island, British Columbia. Canadian Journal of Zoology 58:2175-2186.

Williamson, S. J., D. Keppie, R. Davison, D. Budeau, S. Carriere, D. Rabe, and M. Schroeder. 2008. Spruce Grouse Continental Conservation Plan. Association of Fish and Wildlife Agencies. Washington, DC. 74 pages.

Wing, L. 1944. ‘A plea for the name ‘Blue Grouse.’ Auk 61:503.

Wing, L. 1946. Drumming flight in the Blue Grouse and courtship characters of the Tetraonidae. Condor 48:154-157

Wing, L., J. Beer, and W. Tidyman. 1944. Brood habits and growth of ‘Blue Grouse.’ Auk 61:426-440.

Woo, P. T. K. 1964. A study of the blood protozoa of Blue Grouse on Vancouver Island. MSc Thesis. Univ. British Columbia, Vancouver. 71pp.

Wood, T. C. 1995. Spruce Grouse (*Dendragapus canadensis*). Passenger Pigeon 57(1):53.

Worland, M., K. J. Martin, and L. Gregg. 2009. Spruce Grouse distribution and habitat relationships in Wisconsin. Passenger Pigeon 71:5-18.

Worland, M., J. Muenier, K. Martin, A. Wright, and L. Gregg. 2006. Spruce Grouse (*Falcipennis canadensis*) surveys and habitat use on the Chequamegon-Nicolet National Forest 2006. Wisconsin Department of Natural Resources. 11 pp.

Yamashina, M. Y. 1939. Note sur le Tetras Falcipenne de Sibirie. [Note on the Siberian Spruce Grouse]. L’Oiseau et Revue Francaise d’Ornithologie. 9:3-9. (in French).

Yamashina, Y., and S. Yamada. 1935. [The habits of *Falcipennis falcipennis* and an experience of the species in captivity.] Tori 9:13-18. (in Japanese).

Zumeta, D. C., and M. A. Cincotta. 1982. A Spruce Grouse record from Pine County. Loon 54:200-202.

Zwickel, F. C. 1958. Fall studies of forest-grouse in north-central Washington. M. S. Thesis. State College of Washington.

Zwickel, F. 1958. North-central Washington grouse studies. Washington State Game Bulletin 10(4):3-4.

Zwickel, F. C. 1965. Early mortality and the numbers of Blue Grouse. Ph.D. Dissertation. Univ. British Columbia, Vancouver.

Zwickel, F. C. 1967. Some observations of weather and brood behavior in Blue Grouse. Journal of Wildlife Management 31:563-568.

Zwickel, F. C. 1967. Early behavior in young Blue Grouse. Murrelet 48:2-7.

Zwickel, F. C. 1972. Some effects of grazing on Blue Grouse during summer. Journal

of Wildlife Management 36:563-568.

Zwickel, F. C. 1972. Removal and repopulation of Blue Grouse in an increasing population. Journal of Wildlife Management 36:1141-1152.

Zwickel, F. C. 1972. Grazing and predation on Blue Grouse. The Murrelet 53:52-53.

Zwickel, F. C. 1973. Dispersion of female Blue Grouse during the brood season. Condor 75:114-119.

Zwickel, F. C. 1975. Nesting parameters of Blue Grouse and their relevance to populations. Condor 77:423-430.

Zwickel, F. C. 1977. Local variation in the time of breeding of female Blue Grouse. Condor 79:185-191.

Zwickel, F. C. 1980. Surplus yearlings and the regulation of breeding density in Blue Grouse. Canadian Journal of Zoology 58:896-905.

Zwickel, F. C. 1982. Demographic composition of hunter-harvested Blue Grouse in east central Vancouver Island, British Columbia. Journal of Wildlife Management 46:1057-1061

Zwickel, F. C. 1983. Factors affecting the return of young Blue Grouse to breeding range. Canadian Journal of Zoology 61:1128-1132.

Zwickel, F. C. 1992. The Blue Grouse. *In* The Birds of North America, No. 15 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.

Zwickel, F. C. 2005. Blue Grouse (*Dendragapus obscurus*). The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Laboratory of Ornithology; The Birds of North American Online database. Revised Nov. 2005, Online only. http://bna.birds.cornell.edu/BNA/account/Blue_Grouse/.

Zwickel, F. C., and J. F. Bendell. 1967. Early mortality and the regulation of numbers in Blue Grouse. Canadian Journal of Zoology 45:817-851.

Zwickel, F. C., and J. F. Bendell. 1967. A snare for capturing Blue Grouse. Journal of Wildlife Management 31:202-204.

Zwickel, F. C., and J. F. Bendell. 1972. Observations on food habits of incubating female Blue Grouse. Condor 74:493-494.

Zwickel, F. C., and J. F. Bendell. 1972. Blue Grouse, habitat, and populations. Proceedings of the International Ornithological Congress 15:150-169.

Zwickel, F. C., and J. F. Bendell. 1985. Blue Grouse – effects on, and influence of, a changing forest. Forestry Chronicles 6:185-188.

Zwickel, F. C., and J. F. Bendell. 1986. Variations in the winter diet of Blue Grouse. World Pheasant Association Journal 11:44-52.

Zwickel, F. C., and J. F. Bendell. 2004. Blue Grouse: Their biology and natural history. NRC Research Press. 284 pp.

Zwickel, F. C., J. F. Bendell, and A. N. Ash. 1983. Population regulation in Blue Grouse. Pp. 212-225 *in* F. L. Bunnell, D. S. Eastman, and J. M. Peek, eds. Proc. 14th. Natural Regulation of Wildlife Populations Symp. For., Wildl, and Range Exper. Station, Univ. Idaho, Moscow.

Zwickel, F. C., D. A. Boag, and J. F. Bendell. 1989. Longevity in Blue Grouse. North American Bird Bander 14:1-4.

Zwickel, F. C., D. A. Boag, and J. H. Brigham. 1974. The autumn diet of Spruce Grouse: a regional comparison. Condor 76:212-214.

Zwickel, F. C., and J. H. Brigham. 1970. Autumn sex and age ratios of Spruce Grouse in north-central Washington. Journal of Wildlife Management 34:218-219.

Zwickel, F. C., and J. H. Brigham. 1974. Autumn weights of Spruce Grouse in north-central Washington. Journal of Wildlife Management 38:315-319.

Zwickel, F. C., J. H. Brigham, and I. O. Buss. 1966. Autumn weights of Blue Grouse in north-central Washington, 1954 to 1963. Condor 68:488-496.

Zwickel, F. C., J. H. Brigham, and I. O. Buss. 1975. Autumn structure of Blue Grouse populations in north-central Washington. Journal of Wildlife Management 39:461-467.

Zwickel, F. C., I. O. Buss, and J. H. Brigham. 1968. Autumn movements of Blue Grouse and their relevance to populations and management. Journal of Wildlife Management 32:456-468.

Zwickel, F. C., and R. G. Carveth. 1978. Desertion of nests by Blue Grouse. Condor 80:109-111.

Zwickel, F. C., and J. A. Dake. 1977. Primary molt of the Blue Grouse (*Dendragapus obscurus*) and its relation to reproductive activity and migration. Canadian Journal of Zoology 55:1782-1787.

Zwickel, F. C., M. A. Deigner, D. T. McKinnon, and D. A. Boag. 1991. Sexual and

subspecific variation in numbers of retrices of Blue Grouse. Canadian Journal of Zoology 69:134-140.

Zwickel, F. C., and A. N. Lance. 1965. Renesting in the Blue Grouse. Journal of Wildlife Management 29:402-404.

Zwickel, F. C., and A. N. Lance. 1966. Determining the age of young Blue Grouse. Journal of Wildlife Management 30:712-717.

Zwickel, F. C., R. A. Lewis, and D. T. McKinnon. 1988. Nesting parameters in a high density, declining population of Blue Grouse. Canadian Journal of Zoology 66:1736-1741.

Zwickel, F. C., and C. F. Martinsen. 1967. Determining the age and sex of Franklin Spruce Grouse by tails alone. Journal of Wildlife Management 31:760-763.

Zwickel, F. C., J. A. Redfield, and J. Kristensen. 1977. Demography, behavior, and genetics of a colonizing population of Blue Grouse. Canadian Journal of Zoology 55:1948-1957.

Lagopus (Ptarmigan)

A, J. A. 1885. Stejneger on the ptarmigans of the group Attagen. Auk 2:94-95.

Aanes, S., E. Engen, B.-E., Saether, T. Willebrand, and V. Marcstrom. 2002. Sustainable harvesting strategies of Willow Ptarmigan in a fluctuating environment. Ecological Applications 12:281-290.

Adam, A., L. M. I. Webster, W. Mullen, L. F. Keller, and P. C. D. Johnson. 2011. Quantifying fenbendazole and its metabolites in self-medicating wild Red Grouse *Lagopus lagopus scoticus* using an HPLC–MS–MS approach. Veterinary Parasitology 177:383-386.

Adams, W. A. 1889. Twenty-six years reminiscences of Scotch grouse moors. Deer Valley Publishing, Halkirk. 114pp.

Aebischer, N. J., and D. Baines. 2008. Monitoring gamebird abundance and productivity in the UK: the GWCT long-term datasets. Revista Catalana d'Ornitologia 24:30-43. (Red Grouse, Black Grouse).

Afonso, I. 2006. El Lagopodo Alpino (*Lagopus muta pyrenaica*) en El Parque Nacional de Aiguestortes I Estancy de Sant Maurici. [The Rock Ptarmigan (*Lagopus muta pyrenaica*) in the National Park of Aiguestortes and Estany of Sant Maurici.] Ministerio de Medio Ambiente. 174pp. (in Spanish).

Alamany, O., and A. de Juan Monzon. 1983. Le grand tetras (*Tetrao urogallus*) et le Lagopede (*Lagopus mutus*) dans les Pyrenees orientales iberiques. [The Capercaillie (*Tetrao urogallus*) and the Rock Ptarmigan (*Lagopus mutus*) in the Iberian Eastern Pyrenees.] Acta Biologica Montana 2-3:363-381. (in French)

Alison, R. M. 1976. Female ptarmigan reoccupying nest site. Auk 93:657.

Allen, D., C. Mellon, and K. Mawhinney. 2004. The status of Red Grouse in northern Ireland 2004. Environment and Heritage Service, Belfast. 84pp.

Allen, D., C. Mellon, K. Mawhinney, D. Looney, and J. Milbourne. 2005. The status of Red Grouse *Lagopus lagopus* in Northern Ireland 2004. Irish Birds 7:449-460.

Allen, H. M. 1977. Abnormal parental behaviour of captive male Willow Grouse *Lagopus l. lagopus*. Ibis 119:199-200.

Allen, H. M. 1977. The response of Willow Grouse chicks to auditory stimuli. 1. Preference for hen calls. Behavioral Processes 2:27-32.

Allen, H. M. 1979. The response of Willow Grouse chicks to auditory stimuli. 2.

Synthesized brooding calls attract machine-incubated chicks. Behavioral Processes 4:23-33.

Allen, H. M. 1979. Auditory and visual cues in the initiation of Willow Grouse *Lagopus lagopus lagopus* brooding periods. Astarte 12: 27-30.

Allen, H. M. 1980. Parent-offspring interactions in Willow Grouse (*Lagopus l. lagopus*). Ph. D. Dissertation. University of Bergen.

Allen, H. M. 1980. The response of Willow Grouse chicks to auditory stimuli. 3. Recognition of the incubating hen's voice. Behavioral Processes 5:39-43.

Allen, H. M., C. Boggs, E. Norris, and M. Doering. 1977. Parental behaviour of captive Willow Grouse *Lagopus l. lagopus*. Ornis Scandinavica 8:175-183.

Allen, H. M., and H. Parker. 1977. Willow Ptarmigan remove broken eggs from the nest. Auk 94:612-613.

Allen, H. M, and J. Ness. The fate of abnormal eggs in nests of captive Willow Grouse hens. Astarte 11:89-91.

Allen, H. M., K. A. Stokkan, and H. Stalsberg. 1978. Egg incubation by a Willow Grouse cock. Astarte 11:1-5.

Allen, T. 2003. Social learning affects foraging choices in White-tailed Ptarmigan chicks in Rocky Mountain National Park. M. Sc. Thesis. University of Northern Colorado.

Allen, T., and J. A. Clarke. 2005. Social learning of food preferences by White-tailed Ptarmigan chicks. Animal Behaviour 70:305-310.

Amar, A., B. Arroyo, S. Redpath, and S. Thirgood. 2004. Habitat predicts losses of Red Grouse to individual Hen Harriers. Journal of Applied Ecology 41:305-314.

Andersen, J.-E. 1986. Habitat selection by Willow Grouse *Lagopus lagopus lagopus* in central Norway. Fauna Norvegica Series C Cinclus 9:82-94.

Andersen, J.-E. 1987. [Habitat exploitation by the Willow Grouse.] Viltrapport 1987:87-97, 161.

Andersen, J., and R. Mehl. 1992. The land snail *Euconulus fulvus* Gastropoda Pulmonata found on Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series A 13:37-38.

Andersen, O. 2008. Attitudes of hunters and managers toward harvest regulations of Willow Ptarmigan in Norway - implications for management. M. Sc. Thesis.

Hogskolen Hedmark. 26pp.

Andersen, O., B. P. Kaltenborn, H. C. Pedersen, T. Storaas, E. Faye-Schjoll, and H. Solvang. 2008. Spørreundersøkelse blant rypejegere etter jaktsesongen 2006/07. Datagrunnlaget og noen sentrale funn fra Rypeforvaltningsprosjektet 2006-2011 – NINA Rapport 379. 44 s [Survey among Willow Ptarmigan hunters after hunting season 2006/07. Data and key findings from The Grouse Management Project 2006-2011 - NINA Report 379. 44 pp.] (in Norwegian with English abstract).

Andersen, R., H. C. Pedersen, and J. B. Steen. 1986. Annual variation in movements of sub-alpine hatched Willow Ptarmigan *Lagopus l. lagopus* broods in central Norway. Ornis Scandinavica 17:180-182.

Andersen, R., J. B. Steen, and H. C. Pedersen. 1984. Habitat selection in relation to the age of Willow Grouse *Lagopus lagopus lagopus* broods in central Norway. Fauna Norvegica Series C Cinclus 7:90-94.

Andreev, A. V. 1975. [Winter life and feeding of the Alpine Ptarmigan *Lagopus mutus* in the extreme northeast of the USSR.] Zoologicheskii Zhurnal 54:727-733. (in Russian)

Andreev, A. V. 1979. Review of methods and results of investigation of grouse bioenergetics in winter. Pp. 87-91 *in*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Andreev, A. V. 1982. Seasonal trends and some features of biology of Willow Grouse in north-east Asia. Pp. 96-105 *In*: Lovel, T.W.I (Ed.). Proceedings of the 2nd. International Grouse Symposium. Suffolk, England. World Pheasant Association.

Andreev, A. 1988. The ten year cycle of the Willow Grouse of Lower Kolyma. Oecologia 76:261-267.

Andreev, A. V. 1991. Winter adaptation in the Willow Ptarmigan. Arctic 44:106-114.

Andreev, A. V. 1992. Role of cellulose and protein in the ecological energitics of the Willow Grouse during the winter period. Soviet Journal of Ecology 23:114-124.

Andreev, V. 1994. Winter nutrition of Willow Ptarmigan (*Lagopus lagopus*): a trap that can affect population prosperity through the individual. (Abstract only). Journal of Ornithology 135:265.

Andres, M. L. R., M. C. C. Garcia, and J. C. Quevedo. 1972. Self-regulated population control of Red Grouse. NERC News J. 1972 (6):10-11.

Andrews, C. W. 1920. Remains of the Great Auk and Ptarmigan in the Channel Islands. Annual Magaizine of Natural History Series 9, 6(2):166.

Anisimov, V. D., and L. I. Barsova. 2002. On the nesting and embryogenic development of the Willow Grouse (*Lagopus lagopus*) on the Kanin Nos Peninsula. Bulletin of the Moscow Society of Naturalists 107:36.

Annenkov, V. G. 1995. Teterevinye ptitsy Karelii (biologiia, dinamika populiatsii, perspektivy isnol'zovannia). [Grouse of Karelia (biology, population dynamics, prospects for utilizing the resource).] 26pp. (in Russian).

Annes, S., V. Marcstrom, S. Engen, B..E. Saelingther, and T. Willebrand. 2002. Sustainable harvesting strategies of Willow Ptarmigan in a fluctuating environment. Ecological Applications 12:281-290.

Anonymous. 1888. An interesting hybrid. Forest and Stream 60(28):455.

Anvik, J. O. 1969. The development and maintenance of homeothermy in the Rock Ptarmigan (*Lagopus mutus*). B.Sc. Thesis, University of British Columbia. 53pp.

Arroyo, B., A. Amar, F. Leckie, G. M. Buchanan, J. D. Wilson, and S. Redpath. 2009. Hunting habitat selection by Hen Harriers on moorland: implications for conservation management. Biological Conservation 142:586-596. (Red Grouse).

Artiss, T. A. 1992. Male vigilance and mate guarding in the White-tailed Ptarmigan (*Lagopus leucurus*) M. Sc. Thesis. University of Toronto.

Artiss, T., W. M. Hochachka, and K. Martin. 1999. Female foraging and male vigilance in White-tailed Ptarmigan (*Lagopus leucurus*): opportunism or behavioural coordination. Behavioral and Ecological Sociobiology 46:429-434.

Artiss, T., and K. Martin. 1995. Male vigilance in White-tailed Ptarmigan, *Lagopus leucurus*: mate guarding or predator detection? Animal Behaviour 49:1249-1258.

Artuso, I. 1995. Distribution of grouse in the Italian Alps (1988-1992). Proceedings of the International Grouse Symposium 6:129-130.

Aulie, A. 1976. The pectoral muscles and the development of thermoregulation in chicks of Willow Ptarmigan (*Lagopus lagopus*). Comparative Biochemistry and Physiology 53:343-346.

Aulie, A. 1976. The shivering pattern in an arctic (Willow Ptarmigan) and a tropical bird (bantam hen). Comparative Biochemistry and Physiology, A. 53:347-50.

Aulie, A., and P. Moen. 1975. Metabolic thermoregularity responses in eggs and chicks of Willow Ptarmigan (*Lagopus lagopus*). Comparative Biochemistry and

Physiology 51:605-609.

Aulie, A, and J. B. Steen. 1976. Thermoregulation and muscular development in cold exposed Willow Ptarmigan chicks *(Lagopus lagopus* L.). Comparative Biochemistry and Physiology, A. 55:291-295.

Ausmus, D. M. 1999. Alarm calls of White-tailed Ptarmigan hens with broods in the Sierra Nevada. M. Sc. Thesis. University of Northern Colorado.

Baba, Y., H. Koike, T. Okayama, and Y. Fujimaki. 1997. Mitochondrial DNA analysis using feathers of Rock Ptarmigan *Lagopus mutus japonicus* and Hazel Grouse *Bonasa bonasia* in Japan. Wildlife Biology 3:277.

Babero, B. B. 1953. Studies on the helminth fauna of Alaska. XVI. A survey of the helminth parasites of Ptarmigan (*Lagopus* spp.). Journal of Parasitology 39:538-46.

Bailey, F. M. 1904. Additional notes on the birds of the Upper Pecos. Auk 21:349-363.

Bailey, F. M. 1905. Notes from northern New Mexico. Auk 22:316-318.

Baines, D. S. Redpath, M. Richardson, and S. Thirgood. 2008. The direct and indirect effects of predation by Hen Harriers *Circus cyaneus* on trends in breeding birds on a Scottish grouse moor. Ibis 150 (Suppl. 1):27-36.

Bakhmutov, V. A., and V. N. Boikov. 1978. [Feeding of the Icelandic Ptarmigan in the forest tundra zone of western Siberia.] Trudy Instituta Ekologuu Rastenii Zhivotnykh Ural'skogo Filiala Akademii Nauk. SSSR. 1978:99-100. (in Russian).

Bakhmutov, V. A., A. I. Cherepanov, and S. S. Folitarek. 1972. [On the problem of Willow Grouse stocks in western Siberia.]. p. 304 In: [Zoological problems of Siberia (Reports of the fourth Conference of Zoologists of Siberia).] (in Russian).

Barnes, R. F. W. 1987. Long-term declines of Red Grouse in Scotland. Journal of Applied Ecology 24:735-741.

Barnes, R., and D. Potts. 1984. The new Scottish grouse research project: the initial survey. Game Conservancy Annual Review 1983:61-66.

Barrington, D. 1774. Observations on the *Lagopus* or Ptarmigan; in a letter from the Hon. Daines Barrington, V.P.R.S. to Mathew Maty, M.D.F.R.S. Phil. Trans. 63:224-230.

Bart, J., and S. L. Earnst. 1999. Relative importance of male and territory quality in pairing success of male Rock Ptarmigan (*Lagopus mutus*). Behav. Ecol. Sociobiol. 45:355-359.

Barth, E. K. 1971. Breeding of Willow Grouse far south. Fauna, Oslo 24: 201.

Batty, J. H. 1874. The White-tailed Ptarmigan, *Lagopus leucurus*. Forest and Stream 1:390.

Bech, N., J. Boissier, S. Drovetski, and C. Novoa. 2009. Population genetic structure of Rock Ptarmigan in the "sky islands" of French Pyrenees: implications for conservation. Animal Conservation 12:138-146.

Bell, J. F. 1996. Application of classification trees to the habitat preference of upland birds. Journal of Applied Statistics 23:349-360.

Belleau, E., and P. Leonard. 1991. Internal parasites of the Rock Partridge, Ptarmigan, and Black Grouse in the French High Alps. Gibier Faune Sauvage 8:161-174.

Benson, D. P. 1999. Causes and consequences of the evolution of monogamy in White-tailed Ptarmigan. Ph. D. Dissertation. Washington State University.

Benson, D. P. 2002. Low extra-pair paternity in White-tailed Ptarmigan. Condor 104:192-197.

Bent, A. C. 1912. A new subspecies of ptarmigan from the Aleutian Islands. Smithsonian Miscellaneous Publications V. 56, no. 30.

Berg, T., and J. B. Steen. 1976. Proteolytic activity in ptarmigan muscle. Comparative Biochemistry and Physiology, B. 54:145-7.

Bergerud, A. T. 1965. Population dynamics of Willow Ptarmigan in S.E. Newfoundland.

Bergerud, A. T. 1970. Population dynamics of the Willow Ptarmigan *Lagopus lagopus alleni* L. in New Foundland 1955-1965. Oikos 21:299-325.

Bergerud, A. T. 1970. Vulnerability of Willow Ptarmigan to hunting. Journal of Wildlife Management 34:282-285.

Bergerud, A. T. 1971. The past abundance of Willow Ptarmigan on the Avalon Peninsula of Newfoundland. Canadian Field-Naturalist 85:21-23.

Bergerud, A. T. 1972. Changes in the vulnerability of ptarmigan to hunting in Newfoundland. Journal of Wildlife Management 36:104-109.

Bergerud, A. T., and D. S. Huxter. 1969. Effects of hunting on Willow Ptarmigan in Newfoundland. Journal of Wildlife Management 33:866-870.

Bergerud, A. T., and D. S. Huxter. 1969. Breeding season habitat utilization and movement of Newfoundland Willow Ptarmigan. Journal of Wildlife Management 33:967-974.

Bergerud, A. T., and W. E. Mercer. 1966. Census of the Willow Ptarmigan in Newfoundland. Journal of Wildlife Management 30:101-113.

Bergerud, A. T., and W. E. Mercer. 1972. Spring foods of Willow Ptarmigan *Lagopus lagopus alleni* in southeastern Newfoundland. Oikos 23:213-217.

Bergerud, A. T., and D. H. Mossop. 1984. The pair bond in ptarmigan. Canadian Journal of Zoology 62:2129-2141.

Bergerud, A. T., D. H. Mossop, and S. Myrberget. 1985. A critique of the mechanics of annual changes in ptarmigan numbers. Canadian Journal of Zoology 63:2240-2248.

Bergerud, A. T., S. S. Peters, and R. McGrath. 1963. Determining sex and age of Willow Ptarmigan in Newfoundland. Journal of Wildlife Management 27:700-711.

Bergmann, H. H., and W. Engländer. 1996. Lebensraumnutzung des Alpenschneehuhns (*Lagopus mutus*) zur sommerlichen Mauserzeit. [Habitat use of the Rock Ptarmigan (*Lagopus mutus*) in the summer.] Wissenschaftliche Mitteilungen aus dem Nationalpark Hohe Tauern. Band 2:115–124. (in German).

Bergtold, W. H. 1917. An early Colorado record of the White-tailed Ptarmigan. Auk 34:334.

Berlin, S., M. Quintela, and J. Hoglund. 2008. A multilocus assay reveals high nucleotide diversity and limited differentiation among Scandinavian Willow Grouse (*Lagopus lagopus*). BMC Genetics 9:89.

Bernard, A. 1982. [Note on the diet of the ptarmigan in the Southern Alps (*Lagopus mutus* Montin).] Bulletin Mensuel de l'Office National de la Chasse 55:20-24. (in French).

Bernard-Laurent, A. 1983. Comparaison des regimes alimentaires du tetras lyre *Lyrurus tetrix* et du lagopede alpin *Lagopus mutus* dans le vallon de la Cerveyrette (Haute-Alpes). [The diet of the Black Grouse *Lyrurus tetrix* and the Rock Ptarmigan *Lagopus mutus* in the Vallon de la Cerveyrette Hautes-Alpes France.] Terre et la Vie 37:241-258. (in French with English summary).

Bernard-Laurent, A. 1987. Le regime alimentaire du lagopede alpin *Lagopus mutus* (Montin 1776): synthese bibliographique. [The diet of the Rock Ptarmigan *Lagopus mutus* (Montin 1776): bibliographical synthesis. Gibier Faune Sauvage 4:321-347. (in French).

Bertermann, C., C. Weber-Sparenberg, A Pechura, A.-L. Renard, and H.-H. Bergmann. 1998.Zur Ernährung von Alpenschneehühnern *Lagopus mutus helveticus* im Sommer. [Observational study on the nutrition of the Ptarmigan *Lagopus mutus helveticus* in summer.] Egretta 41:15-26. (in German with English summary).

Bevanger, K. 1990. Topographic aspects of transmission wire collision hazards to game birds in central Norwegian coniferous forest. Fauna Norvegica Serie C 13:11-18.

Bevanger, K. 1991. Willow Grouse and power-line collisions in Hemsedal, Southern Norway. Transactions of the International Union of Game Biologists 20:420-423.

Bevanger, K. T. 1993. Hunting mortality versus wire-strike mortality of Willow Grouse. In Avian interactions with utility structures, Proceedings of the International Workshop EPRI TR-103268. Poject 3041: 11.1-11.10.

Bevanger, K. 1994. Bird interactions with utility structures; collision and electrocution, causes and mitigating measures. Ibis 136:412-425.

Bevanger, K. 1995. Estimates and population consequences of tetraonid mortality caused by collisions with high tension power lines in Norway. Journal of Applied Ecology. 32:745-753.

Bevanger, K. 1995. Tetraonid mortality caused by collisions with power lines in boreal forest habitats in central Norway. Fauna Norvegica Serie C 18:41-51.

Bevanger, K., O. Bakke, and E. Engen. 1998. Corpse removal experiments with Willow Ptarmigan (*Lagopus lagopus*) in power-line corridors. Okologie der Vogel 16:597-607.

Bevanger, K., F. Berntsen, S. Clausen, E. L. Dahl, O. Flagstad, A. Follestad, D. Halley, F. Hanssen, P. L. Hoel, L. Johnsen, P. Kvaloy, R. May, T. Nygrad, H. C. Pedersen, O. Reitan, Y. Steinheim, and R. Vang. 2009. Pre- and post-construction studies of conflicts between birds and wind turbines in coastal Norway (Bird-Wind). NINA Report 505. 70pp. (Willow Ptarmigan).

Bevanger, K., and H. Broseth. 2000. Reindeer *Rangifer tarandus* fences as a mortality factor for ptarmigan *Lagopus* spp. Wildlife Biology 6:121-127.

Bevanger, K., and H. Broseth. 2001. Bird collisions with power lines – an experiment with ptarmigan (*Lagopus* spp.). Biological Conservation 99:341-346

Bevanger, K., and H. Broseth. 2004. Impact of power lines on bird mortality in a subalpine area. Animal Biodiversity and Conservation 27.2:67-77.

Bevanger, K., S. Clausen, E. L. Dahl, O. Flagstad, A. Follestad, J. O. Gjershaug, D. Halley, F. Hanssen, P. L. Hoel, K.-O. Jacobsen, L. Johnsen, R. May, T. Nygrad, H. Chr. Pedersen, O. Reiten, Y. Steinheim, and R. Vang. 2008. Pre- and post-construction studies of conflicts between birds and wind turbines in coastal Norway. NINA Report 409, Progress Report 2008. 55pp.

Bevanger, K., A. Follestad, J. O. Gjershaug, D. Halley, F. Hanssen, L. Johnsen, R. May, T. Nygrad, H. Chr. Pedersen, O. Reiten, and Y. Steinheim. 2008. Pre- and post-construction studies of conflicts between birds and wind turbines in coastal Norway. NINA Report 355, Status Report January 2008. 33pp.

Beverley-Burton, M., and V. G. Thomas. 1980. *Rhabdometra lygodaptrion* n.sp. (Cestoda: Paruterinidae) from Willow Ptarmigan (*Lagopus lagopus albus*) in northern Ontario, Canada. Systematic Parasitology 1:157-165.

Blix, A. S., and J. B. Steen. 1979. Temperature regulation in newborn polar homeotherms. Physiological Review 59:285-304.

Blom, R. 1980. Spring foods of the Willow Grouse *Lagopus l. lagopus* on Tranoy, northern Norway. Cand. Real. Thesis. University of Bergen, Norway.

Blom, R., and S. Myrberget. 1978. Experiments in shooting territorial Willow Grouse *Lagopus lagopus*. Cinclus 1:29-33.

Blunt, A. G. 1981. The Red Grouse in lowland Yorkshire. Magpie 1981:1-2.

Boag, D. A. 1972. Effects of radio packages on behavior of captive Red Grouse. Journal of Wildlife Management 36: 511-518.

Boag, D. A., A. Watson, and R. Parr. 1973. Radio-marking versus backtabbing Red Grouse. Journal of Wildlife Management 37:410-412.

Boag, D. A., A. Watson, and R. Parr. 1975. Patagial streamers as markers for Red Grouse chicks. Journal of Field Ornithology 91:248.

Bocca, M. 1990. La coturnice *Alectoris graeca* e la pernice bianca *Lagopus mutus* in Valle d'Aosta: distribuzione, ecologia, dati riproduttivi e gestione. [The partridge *Alectoris graeca* and Rock Ptarmigan *Lagopus mutus* in Valle d'Aosta.] 76 pp. (in Italian).

Bochenski, Z. 1985. Osteological differentiation in Willow Grouse. Fortschritte der Zoologie 30:69-72.

Bochenski, Z. 1991. Pliocene grouse of the genus *Lagopus* from Poland. Acta Zoologica Cracoviensia 34:563-577.

Bochenski, Z. M., and T. Tomek. 2000. Identification of bones of galliform hybrids. Journal of the Archaeological Society 27:691-698.

Bochkov, A. V., and K. Skirnisson. 2011. Description of the life stages of quill mite *Mironovia lagopus* sp. nov. (Acari: Syringophilidae) parasitizing the Rock Ptarmigan *Lagopus muta* (Phasianidae) from Iceland. Parasitology Research 108:715-722.

Boggs, C. E., E. Norris, and J. B. Steen. 1977. Behaviourial and physiological temperature regulation in young chicks of the Willow Grouse (*Lagopus lagopus*). Comparative Biochemistry and Physiology, Part A: Comparative Physiology 58:371-372.

Bondarenko, S. K. 1965. A new cestode, 6937 [1967] *Wardium lagopi* nov. sp. (Hymenolepididae), from the Willow Grouse From: REF ZH BIOL, 1966, No. 2K221. (Translation). Tr. Gelmintol Lab. Akad. Nauk. SSSR. 15:64-66.

Bonser, R. H. C. 1995. Longitudinal variation in mechanical competence of bone along the avain humerus. Journal of Experimental Biology 198:209-212.

Bortolotti, G. R., F. Mougeot, J. Martinez-Padilla, L. M. Webster, and S. B. Piertney. 2009. Physiological stress mediates the honesty of social signals. PLoS ONE 4:4983. (Red Grouse).

Bosler, D. 2007. The ptarmigan trek. Museum Quarterly (publication of the LSU Museum of Natural Science) 25(3):12-13.

Bossert, A. 1976. Nutritional ecological studies on the Alpine Rock Ptarmigan *Lagopus mutus* in the Aletsch Forest. Revue Suisse de Zooligie 83:880-883.

Bossert, A. 1977. Bestandesaufnahmen am Alpenschneehuhn (*Lagopus mutus*) im Aletschgebiet. [Inventory photographs of the Rock Ptarmigan (*Lagopus mutus*) in the Aletschgebiet.] Ornithologische Beobachter 74:95–98. (in German).

Bossert, A. 1980. Winterökologie des Alpenschnechuhns *(Lagopus mutus* Montin) im Aletschgebiet, Schweizer Alpen. [Winter nutrition of Alpine Rock Ptarmigan *Lagopus mutus* and the influence of snow-cover and the melting period.] Ornithol. Beob. 77:121-166. (in German with English summary).

Bossert, A. 1995. Bestandsentwicklung und Habitatnutzung des Alpenschneehuhns *Lagopus mutus* in Aletschgebiet (Schweizer Alpen). [Population dynamics and

habitat use of ptarmigan *Lagopus mutus* in the Aletsch area, Swiss Alps.] Ornithologische Beobachter 92:307-314. (in German).

Bossert, A. 2006. Verlauf der Wintermauser des Alpenschneehuhns *Lagopus mutus* im Aletschgebiet, Schweizer Alpen. [Winter moult of Ptarmigan *Lagopus mutus* in the Aletsch region, Swiss Alps.] Ornithologische Beobachter 103:159-173. (in German with English summary).

Bossert, A., C. Marti, and F. Niederhauser. 1983. Zur Bestandsentwicklung des Alpenscheehuhns (*Lagopus mutus* Montin) im Aletschgebiet (Zentralalpen) von 1973-1983. [To the inventory development of the Alpenscheehuhns (*Lagopus mutus* Montin) in the Aletschgebiet (central Alps) of 1973-1983.] Bulletin Murithienne 100:39-49. (in German).

Bouchner, M. 1977. The attempt of an introduction of the Willow Grouse (*Lagopus lagopus*, L.) in the CSR. Lesnictvi Ved. Cas. 23:727-740.

Boudarel, P. 1988. Recherches sur l'habitat et le comportement spatial du lagopede alpin (*Lagopus mutus*) dans les Pyrenees-occidentales Francaises. [Research on the habitat and the space behavior of the alpine grouse (*Lagopus mutus*) in the western French Pyrenees.] Gibier Faune Sauvage 5:227-254. (in French).

Boudarel, P. 1989. Essai sur l'insertion du Lagopèd alpin (*Lagopus mutus* pyrenaicus, Hartert) dans les ecosystèmes d'altitude pyrenéens. [Test on the insertion of Rock Ptarmigan (*Lagopus mutus* pyrenaicus, Hartert) in the ecosystem of Pyrenees Mountains.] Ph. D. Dissertation. Université de Pau et des Pays de l'Adour. (in French).

Bowes, V. A. 1990. Pseudotuberculosis in a Black-tailed Ptarmigan. Canadian Veterinary Journal 31:712.

Bradbury, W. C. 1915. Notes on the nesting of the White-tailed Ptarmigan in Colorado. Condor 17:214-222.

Bradbury, W. C. 1924. Nesting habits of ptarmigan. Colorado Game and Fish Protective Association Bulletin 4(3):6.

Brassard, J. A., and R. Bernard. 1937. Willow Ptarmigan at the Quebec Zoological Gardens. Auk 54:514-515.

Braun, C. E. 1969. Population dynamincs, habitat, and movements of White-tailed Ptarmigan in Colorado. Ph. D. Dissertation. Colorado State University.

Braun, C. E. 1971. Habitat requirements of Colorado White-tailed Ptarmigan. Proceedings of the Western Association of State Game and Fish Commissions 51:284-292.

Braun, C. E. 1971. Seasonal trends in body fat of White-tailed Ptarmigan. Bulletin of the Ecological Society of America 52:44.

Braun, C. E. 1975. Experimental removal of a breeding population of White-tailed Ptarmigan. Colorado Division of Wildlife, Final Report, Federal Aid Project W-37-R. Pp91-109.

Braun, C. E. 1979. White-tailed Ptarmigan and Sage Grouse investigations. Memorandum to Jack R. Grieb, Director, Colorado Division of Wildlife. August 15, 1979.

Braun, C. E. 1980. Alpine bird communities of western North America: implications for management and research. Pp. 280-291 *IN*: R. M. DeGraff and N. G. Tilghman (Eds), Workshop Proceedings: Management of western forests and grasslands for nongame birds. USDA Forest Service General Technical Report INT-60. 535pp. (White-tailed Ptarmigan).

Braun, C. E. 1984. Biological investigations of White-tailed Ptarmigan in Colorado, USA – Review. Proceedings of the 3rd. International Grouse Symposium 3:131-147.

Braun, C. E. 1988. Occurrence and distribution of White-tailed Ptarmigan in Wyoming. Journal of the Colorado-Wyoming Academy of Science. 20:10

Braun, C. E. 1993. White-tailed Ptarmigan habitat investigations in northeast Oregon. Oregon Birds 19(3):72-73.

Braun, C. E., D. M. Hoffmann, and G. E. Rogers. 1976. Wintering areas and winter ecology of White-tailed Ptarmigan in Colorado. Colorado Division of Game, Fish, and Parks, Special Report 38. 38pp.

Braun, C. E., and K. Martin. 2001. Unusual summer plumage of White-tailed Ptarmigan. Wilson Bulletin 113:373-377.

Braun, C. E., K. Martin, and L. A. Robb. 1993. White-tailed Ptarmigan (*Lagopus leucurus*). Birds of North America No. 68.

Braun, C. E., and T. A. May. 1972. Colorado alpine tundra investigations, 1966-1971. Pp. 165-168 *in*: Proceedings of the 1972 Tundra Biome Symposium, Lake Wilderness Center, University of Washington.

Braun, C. E., D. H. Nish, and K. M. Giesen. 1978. Release and establishment of White-tailed Ptarmigan in Utah. Southwestern Naturalist 23:661-668.

Braun, C. E., and G. E. Rogers. 1967. Determination of age and sex of the southern

White-tailed Ptarmigan. Colorado Division of Wildlife, Game Information Leaflet No. 54.

Braun, C. E., and G. E. Rogers. 1971. The White-tailed Ptarmigan in Colorado. Colorado Division of Game, Fish, and Parks, Technical Publication No. 27. 80pp.

Braun, C. E., and R. K. Schmidt. 1971. Effects of snow and wind on wintering populations of White-tailed Ptarmigan in Colorado. Pp. 238-250 *in* A. O. Haugen, ed., Proc. Snow and Ice Symp. Iowa Cooperative Wildlife Research Unit, Iowa State University, Ames.

Braun, C. E., R. K. Schmidt, and G. E. Rogers. 1973. Census of Colorado White-tailed Ptarmigan with tape recorded calls. Journal of Wildlife Management 37:90-93.

Braun, C. E., D. R. Stevens, K. M. Giesen, and C. P. Melcher. 1991. Elk, White-tailed Ptarmigan and willow relationships: a management dilemma in Rocky Mountain National Park. Transactions of the North American Wildlife and Natural Resources Conference 56:74-85.

Braune, B. M., and B. J. Malone. 2006. Organochlorines and trace elements in upland gamebirds harvested in Canada. Science of the Total Environment 363:60-69.

Brenot, J.-F., L. Ellison, L. Rotelli, C. Novoa, C. Calenge, P. Leonard, and E. Menoni. 2005. Geographic variation in body mass of Rock Ptarmigan *Lagopus mutus* in the Alps and the Pyrenees. Wildlife Biology 11:281-285.

Brewer, T. M. 1874. Note on the nesting and eggs of *Lagopus leucurus*. Proceedings of the Boston Society of Natural History 16:348-349.

Brewster, W. 1885. The Rock Ptarmigan of Newfoundland. Auk 2:193-195.

Brewster, W. 1885. The ptarmigan of Anticosti – a correction. Auk 2:220-221.

Brinkman, A. 1927. Coccidiosen hos lirypen. [Coccidiosis in ptarmigan.] Bergens Mus. Aarb. 9:3-71. (in Norwegian).

Brinkman, A. 1929. Lirypens entoparasiter. [The entoparasites of the Willow Grouse.] Bergens Jaegerog Fiskerforening - Rypeundersokelsen 1921-1927 (1928) 6:1-41. (in Norwegian).

Brittas, R. 1984. Temporal variations in nutrition and body condition of Swedish Willow Grouse (*Lagopus lagopus* L.) in relation to their reproductive success. Ph. D. Dissertation. Uppsala University.

Brittas, R. 1984. Seasonal and annual changes in condition of the Swedish Willow Grouse, *Lagopus lagopus*. Riistatieteellisia Julkaisuja 42:5-17.

Brittas, R. 1988. Nutrition and reproduction of the Willow Grouse *Lagopus lagopus* in central Sweden. Ornis Scandinavica 19:49-57.

Brittas, R., and V. Marcstrom. 1982. Studies in Willow Grouse *Lagopus lagopus* of some possible measures of condition in birds. Ornis Fennica 59:157-169.

Brodsky, L. M. 1986. Correlates and consequences of the mating tactics of male Rock Ptarmigan (*Lagopus mutus*). Ph. D. Dissertation. Queen's University at Kingston.

Brodsky, L. M. 1988. Mating tactics of male Rock Ptarmigan, *Lagopus mutus*: a conditional mating strategy. Animal Behavior 36:335-342.

Brodsky, L. M. 1988. Ornament size influences mating success in male Rock Ptarmigan. Animal Behaviour 36:662-667.

Brodsky, L. M., and R. D. Montgomerie. 1987. Asymmetrical contests in defense of Rock Ptarmigan territories. Behavioral Ecology and Sociobiology 21:267-272.

Broseth, H., and A. C. Pederson. 2000. Hunting effort and game vulnerability studies on a small scale: a new technique combining radio-telemetry, GPS and GIS. Journal of Applied Ecology 37:182-190.

Broseth, H., and H. Chr. Pedersen. 2010. Disturbance effects of hunting activity in a Willow Ptarmigan *Lagopus lagopus* population. Wildlife Biology 16:241-248.

Broseth, H., J. Tufto, H. C. Pederson, H. Steed, and L. Kastdalen. 2005. Dispersal patterns in a harvested Willow Ptarmigan population. Journal of Applied Ecology 42:453-459.

Brown, A. F., and R. A. Stillman. 1993. Bird-habitat associations in the Eastern Highlands of Scotland. Journal of Applied Ecology 30:31-42.

Browning, M. R. 1979. Distribution, geographic variation and taxonomy of *Lagopus mutus* in Greeland and northern Canada. Dansk Ornithologisk Forenings Tidsskrift 73:29-40.

Bryant, J. P., and P. J. Kuropat. 1980. Selection of winter forage by subarctic browsing vertebrates: the role of plant chemistry. Ann. Rev. Ecol. Syst. 11:261-85.

Brynjarsdottir, J., S. H. Lund, K. G. Magnusson, and O. K. Nielsen. 2003. Analysis of time series for Rock Ptarmigan and Gyrfalcon populations in north-east Iceland. RH-18-2003.

Buchanan, G., J. Pearce-Higgins, M. Grant, D. Robertson, and T. Waterhouse. 2005. Characterization of moorland vegetation and the prediction of bird abundance using remote sensing. Journal of Biogeography 32:697-707.

Buckley, T. E. 1882. On the variability of plumage exhibited by the Red Grouse (*Lagopus scoticus*). Proceedings of the Zoological Society. 1882:112-116.

Bunnefeld, N., D. Baines, D, Newborn, and E. J. Milner-Gulland. 2009. Factors affecting unintentional harvesting selectivity in a monomorphic species. Journal of Animal Ecology 78:485-492. (Red Grouse).

Bunnefeld, N., D. C. Reuman, D, Baines, and E. J. Milner-Gulland. 2011. Impact of unintentional selective harvesting on the population dynamics of Red Grouse. Journal of Animal Ecology XXX:XXX-XXX (online early).

Butterfield, J., and J. C. Coulson. 1975. Insect food of adult Red Grouse *Lagopus lagopus scoticus* (Lath.). Journal of Animal Ecology 44:601-608.

Buxton, D., and H. W. Reid. 1975. Experimental infection of Red Grouse with louping-ill virus (flavivirus group). II. Neuropathology. Journal of Comparative Pathology 85:231-235.

Byrd, G. V. 1994. Counts of Rock Ptarmigan and Rock Sandpipers at Yunaska Island, Alaska, in 1994. U. S. Fish and Wildlife Service. 10pp.

Byrd, G. V., and B. Anderson. 1993. Rock Ptarmigan survey at Yunaska Island, Alaska. U. S. Fish and Wildlife Service. 9pp.

Byrne, P., and R. Moles. 2002. *Trichostrongylus tenuis* in Irish Red Grouse at a site in Co Limerick. Irish Naturalists' Journal 27(2):73-75.

Caizergues, A., A. Bernard-Laurent, J-F. Brenot, L. Ellison, and J. Y. Rasplus. 2003. Population genetic structure of Rock Ptarmigan *Lagopus mutas* in northern and western Europe. Molecular Ecology 12:2267-2274.

Caizergues, A., A. Bernard-Laurent, J.-F. Brenot, Y. Magnani, and L. Ellison. 2002. Population genetic structure of Black Grouse (*Tetrao tetrix*) and Rock Ptarmigan (*Lagopus mutus*). Scientific Report, 2002 ONCFS. (In French with English abstract).

Caizergues, A., L. Ellison, A. Bernard-Laurent, Y. Magnani, and C. Novoa. 2005. L'organisation spatiale des populations. L'exemple du Tetras-lyre et du Lagopede alpin. [The space organization of the populations. The example of the Black Grouse and Rock Ptarmigan.] Faune Sauvage 265:22-32. (in French).

Calenge, C., M. Birkan, and P. Lebreton. 2003. Separation of ecological niches of

galliform mountain birds in the Northern Alps (Vanoise National Park). Game Wildlife Science 20:259-285.

Calladine, J. 2005. A pilot study to test the efficacy of field methods for wide scale monitoring of ptarmigan in Scotland. British Trust for Ornithology, Research Report no. 423. 28pp.

Calladine, J., G. Garner, C. Wernham, and A. Thiel. 2009. The influence of survey frequency on population estimates of moorland breeding birds. Bird Study 56:381-388. (Red Grouse).

Calladine, J., and C. Wernham. 2006. Extensive monitoring of the Rock Ptarmigan in Scotland. Journal of Ornithology 147 (Suppl. 1):145-145.

Campbell, S., A. Smith, S. Redpath, and S. Thirgood. 2002. Nest site characteristics and nest success in Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 8:169-174.

Canut, J., and J. Prieto. 2004. Aiguestortes i Estany de Sant Maurici (Lleida) Censar urogallos y lagopodos alpinos. [Aiguestortes i Estany de Sant Maurici (Lleida). Censusing of the Capercaillie and the Ptarmigan.] Garcilla 121:25. (in Spanish)

Carey, C., and K. Martin. 1997. Physiological ecology of incubation of ptarmigan eggs at high and low altitudes. Wildlife Biology 3:211-218.

Carr, R. 1969. Raising ptarmigan and Spruce Grouse in captivity. Game Bird Breeders, Aviculturists and Conservationists' Gazette 17(1):6-9.

Cattadori, I. M., D. T. Hayden, and P. J. Hudson. 2005. Parasites and climate synchronize Red Grouse populations. Nature 433:737-740.

Cattadori, I. M., D. T. Hayden, S. J. Thirgood, and P. J. Hudson. 2003. Are indirect measures of abundance a useful index of population density? The case of Red Grouse harvesting. Oikos 100:439-446.

Cattadori, I. M., and P. J. Hudson. 1999. Temporal dynamics of grouse populations at the southern edge of their distribution. Ecography 22:374-383.

Cazenove, B. 1936. Grouse shooting and moor management. Country Life, London. 144pp.

Chapman, D. S., S. J. Cornell, and W. E. Kunin. 2009. Interactions between harvesting, noise and territoriality in a model of Red Grouse population cycles. Journal of Animal Ecology 78:476-484.

Chaykowski, A. I. 2002. [Records of Willow Grouse (*Lagopus lagopus*) from south of

the known range.] Subbuteo 5:49. (in Russian with English summary).

Cherfas, J. 1990. Feathers fly in grouse population dispute. Science 247:32.

Choate, T. S. 1960. Observations on the reproductive activites of White-tailed Ptarmigan (*Lagopus leucurus*) in Glacier Park, Montana. M. Sc. Thesis. Montana State University, Missoula.

Choate, T. S. 1960. Notes ong the morphology of the White-tailed Ptarmigan (*Lagopus leucurus*) in Glacier National Park, Montana. Proceedings of the Montana Academy of Science 20:27-32.

Choate, T. S. 1963. Ecology and population dynamics of White-tailed Ptarmigan (*Lagopus leucurus*) in Glacier National Park, Montana. Ph. D. Dissertation. Montana State University.

Choate, T. S. 1963. Habitat and population dynamics of White-tailed Ptarmigan in Montana. Jounral of Wildlife Management 27:684-699.

Choate, T. S. 1964. Reproduction and population turnover in an unhunted White-tailed Ptarmigan population. Proceedings of the 6th. International Union of Game Biologists Congress 6:393-394.

Clark, H. L. 1894. High plumage in the ptarmigan. Auk 11:177.

Clark, H. L. 1909. A new kind of ptarmigan. Science 29:500-501.

Clarke, J. A. 1989. White-tailed Ptarmigan (*Lagopus leucurus*) in the Sierra Nevada: a comparative study of an introduced population. Ph. D. Dissertation. Washington State University.

Clarke, J. A. 1991. A reanalysis of white-tailed Ptarmigan feeding behavior. Journal of the Colorado-Wyoming Academy of Science 23:24.

Clarke, J. A. 2001. Social transmission of information and teaching in ptarmigan. Advances in Ethology 36:137-138.

Clarke, J. A. 2010. White-tailed Ptarmigan food calls enhance chick diet choice: learning nutritional wisdom? Animal Behaviour 79:25-30.

Clarke, J. A., and R. E. Johnson. 1990. Biogeography of White-tailed Ptarmigan (*Lagopus leucurus*): implications from and introduced population in the Sierra Nevada. Journal of Biogeography. 17:649-656.

Clarke, J. A., and R. E. Johnson. 1992. The influence of spring snow depth on White-tailed Ptarmigan breeding success in the Sierra Nevada. Condor 94:622-627.

Clarke, J. A., and R. E. Johnson. 2005. Comparisons and contrasts between the foraging behaviors of two White-tailed Ptarmigan (*Lagopus leucurus*) populations, Rocky Mountains, Colorado, and Sierra Nevada, California, U.S.A. Arctic, Antarctic, and Alpine Research 37:171-176.

Clarke, W. E. 1886. On the Hybrid between *Lagopus albus* and *Tetrao tetrix*. Proceedings Zoological Society London 1886:224-240.

Cobbett, L., and G.-S. Graham-Smith. 1910. An investigation of the pathology of "grouse disease." Journal of Hygiene 10:1-36.

Cobbold, T. S. 1873. Contributions to our knowledge of grouse disease. The Veterinarian 46:161-172.

Collette, R. 1886. On the hybrid between *Lagopus albus* and *Tetrao tetrix*. Proceedings of the Zoological Society of London. Pp. 224-230.

Collette, R. 1898. En ny bastardform blandt Norges Tetraonider, "Fjeldrype-Orre" (*Lagopus mutus* X *Tetrao tetrix*). [A new hybrid form of northern grouse (*Lagopus mutus* X *Tetrao tetrix*).] Bergens Museums Aarberetning 1987, no. 2 (in German)

Cotter, R. C. 1991. Population attributes and reproductive biology of Rock Ptarmigan in the central Canadian Arctic. M. Sc. Thesis. University of Alberta.

Cotter, R. C., D. A. Boag, and C. C. Shank. 1992. Raptor predation on Rock Ptarmigan (*Lagopus mutus*) in the central Canadian Arctic. Journal of Raptor Research 26:146-151.

Cotter, R. C., and C. J. Gratto. 1995. Effects of nest and brood visits and radio transmitters on Rock Ptarmigan. Journal of Wildlife Management 59:93-98.

Coues, E. 1875. On the breeding-habits, nest, and eggs, of the white-tailed Ptarmigan (*Lagopus leucurus*). Bulletin of the United States Geological and Geographical Survey of the Territories ; 2nd series, no. 5, pp. 263-266.

Cowan, I. M. 1938. The White-tailed Ptarmigan of Vancouver Island. Condor 40:82-83.

Cope, D. R., G. R. Iason, and I. Gordon. 2004. Disease reservoirs in complex systems: a comment on recent work by Laurenson et al. Journal of Animal Ecology 73:807-810.

Cotter, R. C. 1999. The reproductive biology of Rock Ptarmigan (*Lagopus mutus*) in the central Canadian Arctic. Arctic 52:23-32.

Cox, R. 2004. Population ecology of the Red Grouse, *Lagopus lagopus scoticus*, with particular reference to the effects of the parasite *Trichostrongylus tenuis*. Ph. D. Dissertation. University of Durham.

Cox, R., D. Newborn, D. Baines, C. J. Thomas, and T. N. Sherratt. 2010. No evidence for resistance to Fenbendazole in *Trichostrongylus tenuis*, a nematode parasite of the Red Grouse. Journal of Wildlife Management 74:1799-1805.

Cumming, R. A. 1935. Rock Ptarmigan at Vancouver, B. C. The Murrelet 26:39.

Currie, D. 1890. II. – The Red Grouse of Scotland. Outing Aug 1890, 16(5):345-351.

Daehlen. S. A. 2003. Health assessment and parasites of Willow Grouse (*Lagopus lagopus*) in Sweden. Undergrad. Thesis. Uppsala.

Dahl, K. 1922. Ti aars iakttagelser over skogsfugl og ryper. Norsk Jager- og Fiskerforenings Tidsskrift, 51(6):331. (in Norwegian).

Davies, R. 2005. Predation and the profitability of grouse moors. British Wildlife 16:339-347.

Dawson, W. L. 1896. Notes on the birds of Okaogan Co., Washington. Wilson Bulletin 8(5):1-4.

Delahay, R. J. 1995. The epidemiology and pathological effects of *Trichostrongylus tenuis* (Nematoda) in Red Grouse (*Lagopus lagopus scoticus*). Ph. D. Dissertation. University of Aberdeen.

Delahay, R. J., J. R. Speakman, and R. Moss. 1995. The energetic consequences of parasitism – effects of a developing infection of *Trichostrongylus tenuis* (Nematoda) on Red Grouse (*Lagopus lagopus scoticus*) energy-balance, body weight and condition. Parasitology 110:473-482.

Delahay, R. J. 1999. Cestodiasis in the Red Grouse in Scotland. Journal of Wildlife Diseases 35:250-258.

Delahay, R. J., and R. Moss. 1996. Food intake, weight changes, and egg production in captive Red Grouse before and during laying: effects of the parasitic nematode *Trichostrongylus tenuis*. Condor 98:501-511.

DeLeonardis, S. 1952. A study of the Rock and Willow Ptarmigan, *Lagopus mutus* L. and *Lagopus lagopus* L. M. Sc. Thesis. University of Alaska.

Den Herder, M., R. Virtanen, and H. Roininen. 2008. Reindeer herbivory reduces willow growth and grouse forage in a forest-tundra ecotone. Basic and Applied

Ecology 9:324-331. (Willow Grouse).

Desbrosses, R., B. Leclercq, and V. Borchtchevskii. 1992. [Tetraonidae of Arkhangelsk taiga (USSR) [Willow Grouse (*Lagopus lagopus lagopus*), Black Grouse (*Lyrurus tetrix tetrix*), Hazel Hen (*Bonasia bonasia griseonata* salomonsen), Capercaillie (*Tetrao urogallus urogallus*)]]. Bulletin Mensuel de l'Office National de la Chasse 166:13-27. (in French).

Desmet, J.-F. 1988. Densite de peoplement en periode de reproduction, du Lagopede alpin (*Lagopus mutus helveticus*, Thieneman 1829) en haute vallee du Giffre (Haute-Savoie). [Population density in period of reproduction, the alpine Grouse (*Lagopus mutus helveticus*, Thieneman 1829) in high valley of Giffre (Haute-Savoie).] Gibier Faune Sauvage 5:447-458. (in French).

Desmet, J.-F. 1988. Le Lagopede alpin (*Lagopus mutus helveticus*, Thieneman 1929) dans Les Alpes Francaises Septentrionales descriptif de l'habitat en haute du Griffre (Haute-Savole, France). [The alpine Grouse (*Lagopus mutus helveticus*, Thieneman 1929) in the Septentrional French Alps description of the habitat into high of Griffre (High-Savole, France).] Actes du Colloque Galliformes du Montagne, 14-15 December 1987, Grenoble, Isere. Pp. 129-161. (in French).

Dinets, V. L. 2001. [Wintering of Ptarmigan (*Lagopus mutus*), and Willow Grouse (*L. lagopus*) in the north part of their ranges.] Ornitologiya 29:326-327. (in Russian).

Dixon, J. 1927. Contribution to the life history of the Alaska Willow Ptarmigan. Condor 29:213-223.

Dobson, A. P., and P. J. Hudson. 1992. Regulation and stability of a free-living host – parasite system: *Trichostrongylus tenuis* in Red Grouse. II. Population models. Journal of Animal Ecology 61:487-498.

Dobson, A. P., and P. J. Hudson. 1992. The population dynamics and control of the parasitic nematode *Trichostrogylus tennis* in Red Grouse in the North of England. Applied Population Biology 67:149-171.

Dobson, A., and P. Hudson. 1995. The interaction between the parasites and predators of Red Grouse *Lagopus lagopus scoticus*. Ibis 137(suppl. 1): S87-S96.

Dobson, A. P., P. J. Hudson, and M. E. Scott. 1994. Population biology of *Trichostrongylus tenuis* in the Red Grouse, *Lagopus lagopus scoticus*. Parasitic and infectious diseases: epidemiology and ecology. Pages:301-319.

Done, A., and R. Muir. 2001. The landscape history of grouse shooting in the Yorkshire Dales. Rural History 12:195-210.

Dragesco, A. 1989. Les coqs de bruyere, la gelinotte et le lagopede. [Cocks of heather, the grouse and the ptarmigan.] Atlas Visuels Payot Lausanne, Vol. 21. 64pp. (in French) (Hazel Grouse, Black Grouse, Capercaillie, Rock Ptarmigan).

Dragon, S., C. Carey, K. Martin, and R. Baumann. 1999. Effect of high altitude and in vivo adenosine/(&bgr;)-adrenergic receptor blockade on ATP and 2,3BPG concentrations in red blood cells of avian embryos. Journal of Experimental Biology 202:2787-2795.

Drew, F. M. 1884. Notes on *Lagopus leucurus*. Auk 1:392-393.

Dublin, R. M. Taras, and R. B. Weeden. 2005. The grouse and ptarmigan of Alaska: a guide to their identification, habits and habitat. Alaska Department of Fish and Game. 42pp.

Duncan, J. S., H. W. Reid, R. Moss, J. D. P. Phillips, and A. Watson. 1978. Ticks, louping ill and Red Grouse on moors in Speyside Scotland. Journal of Wildlife Management 42:500-505.

Durie, A. 1998. "Unconscious benefactors": grouse-shooting in Scotland, 1780-1914. International Journal of the History of Sport 15(3):57-73.

Dyck, J. 1979. Winter plumage of the Rock Ptarmigan: structure of the air-filled barbules and function of the white color. Dansk Ornitologisk Forenings Tidsskrift 73:41-58.

Eason, P., and S. J. Hannon. 1994. New kids on the block:new neighbors increase defensive costs for territorial male Willow Ptarmigan. Behavioral Ecology and Sociobiology 34:419-426.

Eason, P. K., and S. J. Hannon. 2003. Effect of pairing status on use of space by territorial Willow Ptarmigan (*Lagopus lagopus*): bachelor males choose life on the edge. Auk 120:497-504.

Eastman, D. S. 1964. A comparative study of the food of the Red Grouse (*Lagopus lagopus scoticus*), based on faecal analysis. M. Sc. Thesis. University of Aberdeen.

Eastman, D. S., and D. Jenkins. 1970. Comparative food habits of Red Grouse in northeast Scotland, using fecal analysis. Journal of Wildlife Management 34:612-620.

Edwards, J. G. 1957. The ptarmigan of Glacier National Park. Audubon Magazine 59(39):252-255.

Eisenhauer, J. H., and J. Paniyak. 1977. Parasitic Jaegers prey on adult ptarmigan. Auk

94:389-390.

Elison, G. W. 1980. Food habits study of Rock Ptarmigan (*Lagopus mutus*) on Amchitka Island, Alaska. M. Sc. Thesis. Washington State University.

Elliot, D. G. 1896. Descriptions of an apparently new species and subspecies of ptarmigan from the Aleution Islands. Auk 13:24-29.

Ellison, L. N. 1970. The natural history of ptarmigan. Game Bird Breeders Gazette 19(10):8-10.

Ellison, L. N., and P. Leonard. 1996. [Validation of determining age of Rock Ptarmigan (*Lagopus mutus*) from wings, and sex and age ratios in shooting bags in the Alps and Pyrenees.] Gibier Faune Sauvage 13:1495-1510. (in French with English summary).

Ellison, L., Y. Magnani, and C. Novoa. 2003. Management of Black Grouse and Rock Ptarmigan in France. *In* Brugnoli, A. & Zamboni, U. (eds) Atti del Seminario 'Esperienze di Gestione dei Galliformi di Montagna con Particolare Riferimento alla Programmazione Venatoria' : 5–11. Trento: Associazione Cacciatori della Provincia di Trento

Elson, L. T., F. E. Schwab, and N. P. P. Simon. 2007. Winter food habits of *Lagopus lagopus* (Willow Ptarmigan) as a mechanism to explain winter sexual segregation. Northeastern Naturalist 14:89-98.

Elston, D. A., R. Moss, T. Boulinier, C. Arrowsmith, and X. Lambin. 2001. Analysis of aggregation, a worked example: number of ticks on Red Grouse chicks. Parasitology 122:563-569.

Emison, W. B., and C. M. White. 1988. Foods and weights of the Rock Ptarmigan on Amchitka, Aleutian Islands, Alaska. Great Basin Naturalist 48:533-540.

Erikstad, K. E. 1978. Relations between survival of chicks, brood movements and habitat utilization in Willow Grouse. Cand. Real. Thesis. University of Bergen, Norway.

Erikstad, K. E. 1979. Effects of radio packages on reproductive success of Willow Grouse. Journal of Wildlife Management 43:170-175.

Erikstad, K. E. 1985. Reproductive behaviour, nesting success and chick survival in Willow Grouse. Ph. D. Dissertation University of Bergen. 175pp.

Erikstad, K. E. 1985. Territorial breakdown and brood movements in Willow Grouse *Lagopus lagopus lagopus*. Ornis Scandinavica 16:95-98.

Erikstad, K. E. 1985. Growth and survival of Willow Grouse chicks in relation to home range size, brood movements, and habitat selection. Ornis Scandinavica 16:181-190.

Erikstad, K. E. 1986. Relationship between weather, body condition and incubation rhythm in Willow Grouse. Fauna Norvegica Series C, Cinclus 9:7-12.

Erikstad, K. E., and R. Andersen. 1983. The effect of weather on survival, growth rate and feeding time in different sized Willow Grouse broods. Ornis Scandinavica 14:249-252.

Erikstad, K. E., R. Blom, and S. Myberget. 1980. Effects of crow predation on nesting success and young production of Willow Grouse. Viltrapport 1980:113.

Erikstad, K. E., R. Blom, and S. Myrberget. 1982. Territorial Hooded Crows as predators on Willow Ptarmigan nests. Journal of Wildlife Management 46:109-114.

Erikstad, K. E., H. C. Pedersen, and J. B. Steen. 1985. Clutch size and egg size variation in Willow Grouse *Lagopus l. lagopus*. Ornis Scandinavica 16:88-94.

Erikstad, K. E., and T. K. Spidso. 1982. The influence of weather on food intake, insect prey selection and feeding behaviour in Willow Grouse chicks in northern Norway. Ornis Scandinavica 13:176-182.

Erikstad, K. E., and T. K. Spidso. 1984. Influence of weather on food intake, insect prey selection and feeding behaviour in Willow Grouse, *Lagopus lagopus lagopus*, chicks in northern Norway. Riistatieteellisia Julkaisuja 42:39.

Evanich, J. 1980. Status of White-tailed Ptarmigan in Oregon. Oregon Birds 6(2):98-100.

Evans, F. H., and R. L. Fisher. 1958. Observations of White-tailed Ptarmigan. Unpublished Report, Zoology Department, University of Montana, Missoula.

Evans, S. A., S. M. Redpath, F. Leckie, and F. Mougeot. 2007. Alternative methods for estimating density in an upland game bird: the Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 13:130-139.

Fantham, H. B. 1910. The morphology and life-history of *Eimeria* (*Coccidium*) *avium* – a Sporozoon causing fatal disease among young grouse. Proceedings of the Zoological Society of London 1910:672-691.

Fantham, H. B. 1910. Observations on the parasitic Protozoa of the Red Grouse (*Lagopus scoticus*), with a note on the grouse fly. Proceedings of the Zoological Society of London. 1910:692-707.

Fantham, H. B. 1910. Experimental studies on avian coccidiosis , especially in relation to young grouse, fowls, and pigeons. Proceedings of the Zoological Society of London. 1910:708-722.

Fantham, H. B. 1910. Observations on the blood of grouse. Proceedings of the Zoological Society of London. 1910:722-731.

Fantham, H. B. 1910. On the occurrence of schizogony in an avian Leucocytozoon (*L. lovati*), parasitic in the Red Grouse, *Lagopus scoticus*. Annals of Tropical Medicine 4:255-260.

Fantham, H. B., and H. Hammond-Smith. 1911. On a possible cause of pneumo-enteritis in the Red Grouse (*Lagopus scoticus*). Proceedings of the Zoological Society of London. 1911:46-47.

Fasel, M., and N. Zbinden. 1983. Kausalanalyse zum Verlauf der sudlichen Arealgrenze des Alpenscheehuhn *Lagopus mutus* im Tessin. [Causal analysis for the process of the sudlichen area border of the Rock Ptarmigan *Lagopus mutus* in the Tessin.] Ornithologische Beobachter 80:231-246 (in German)

Favaron, M., L. Moricori, and G. C. Scherini. 2005. Dinamica di una popolazione di pernice bianca alpina *Lagopus muta helvetica* nel settore lombardo del Parco Nazionale dello Stelvio. [Dynamics of one population of Rock Ptarmigan *Lagopus muta helvetica* in the Lombardic field of the National Park of the Stelvio.] Avocetta 29:XXX-XXX. (in Italian).

Favaron, M., G. C. Scherini, D. Preatoni, G. Tosi, and L. A. Wauters. 2006. Spacing behaviour and habitat use of Rock Ptarmigan (*Lagopus mutus*) at low density in the Italian Alps. Journal of Ornithology 147:618-628.

Fayrer, J. 1878. A white grouse. Nature 18(463):518.

Fedy, B. C. 2006. Population genetics and habitat selection behaviour of Vancouver Island White-tailed Ptarmigan (*Lagopus leucura saxatilis*). Ph. D. Thesis. University of British Columbia. 129pp.

Fedy. B. C., K. Martin, C. Ritland, and J. Young. 2008. Genetic and ecological data provide incongruent interpretations of population structure and dispersal in naturally subdivided populations of White-tailed Ptarmigan (*Lagopus leucura*). Molecular Ecology 17:1905-1917).

Fedyushin, A. V. 1957. Willow Grouse as pest of orchards. Sel'sk. khoz. Sibiri 6:100.

Fedyushin, A. V. 1958. A Willow Grouse as a potential injurious bird in orchards. Priroda 3:113-114.

Figueroa, I., B. C. Lopez, A. Lopez, and D. Potrony. 2009. What happens to ptarmigan when marmots arrive? Ethology Ecology and Evolution 21:251-260. (Rock Ptarmigan).

Filchagov, A. V. 1996. Two clutches of Willow Grouse (*Lagopus lagopus*) in the same nest. Gibier Faune Sauvage. 13:75-78

Fimreite, M. 1984. Effects of lead shot ingestion in Willow Grouse. Bulletin of Environmental Contamination and Toxicology 33:121-126.

Fimreite, M. 1993. Cadmium and selenium in Ptarmigan and Willow Grouse from south and east Norway. Pp. 41-46 In: I. D. Thompson (Ed.), Proceedings of the 21st. Congress of International Union of Game Biologists, Halifax, N.S., Canada.

Fimreite, M., and E. K. Barth. 1986. Selenium in tetraonids and some of their forage plants from selected areas in Norway. Fauna Norv., Ser. C 9:95-99.

Fimreite, M., E. K. Barth, and A. Munkejord. 1990. Cadmium and selenium levels in tetraonids from selected areas in Norway. Fauna Norv., Ser. C 13:79-84.

Fisher, H. 2007. Willow ptarmigan in the Prince Albert area. Blue Jay 65:52-53.

Fjeld, P. E. 1989. [Grouse shooting.] Var Fuglefauna 12(4):229-230.

Fletcher, K., N. J. Aebischer, D. Baines, R. Foster, and A. N. Hoodless. 2010. Changes in breeding success and abundance of ground-nesting moorland birds in relation to the experimental deployment of legal predator control. Journal of Applied Ecology 47:263-272. (Red Grouse).

Fletcher, K., A. Hoodless, R. Foster, and D. Baines. 2005. Quantifying the impact of predator removal on moors managed for Red Grouse on other ground nesting birds – progress report. Grouse News 30:14-16.

Flux, J. E. C. 1958. Red Grouse in autumn. Sex and age characteristics studied. Scottish Landowner 91:43-44.

Foggo, M. N. 1980. Vegetation analysis of the territorial boundary between Red Grouse (*Lagopus lagopus scoticus*) and Ptarmigan (*Lagopus mutus*). New Zealand Journal of Ecology 3:44-49.

Fossoy, F. 2001. Effects of a sublethal contamination of lead on parental behaviour and chick survival in free-living female Willow Ptarmigan (*Lagopus l. lagopus*). M. Sc. Thesis. University of Bergen, Norway.

Fox, A., and P. J. Hudson. 2001. Parasites reduce territorial behaviour in Red Grouse

(*Lagopus lagopus scoticus*). Ecology Letters 4:139-143.

Franzen, J. W. 1915. Willow Ptarmigan in Minnesota. Auk 32:99-100.

Frederick, G. P. 1990. White-tailed Ptarmigan habitat use in the Sierra Nevada, California. M. Sc. Thesis. Humboldt State University.

Frederick, G. P., and R. J. Gutierrez. 1992. Habitat use and population characteristics of the White-tailed Ptarmigan in the Sierra Nevada, California. Condor 94:889-902.

Freehling, M., and J. Moore. 1993. Host specificity of *Trichostrongylus tenuis* from Red Grouse and Northern Bobwhites in experimental infections of Northern Bobwhites. Journal of Parasitology 79:538-541.

Freeland, J. R. 1993. The evolution and maintenance of mongomy in Willow Ptarmigan: a DNA fingerprinting study (*Lagopus lagopus*). M. Sc. Thesis, Queen's University at Kingston (Canada).

Freeland, J., D. Allen, and S. Anderson. 2006. DNA analysis of Red Grouse: An analysis of taxonomy and genetic diversity. Final Report submitted to the Environmental and Heritage Service, Department of the Environment, Northern Ireland.

Freeland, J. R., S. Anderson, D. Allen, and D. Looney. 2007. Museum samples provide novel insights into the taxonomy and genetic diversity of Irish Red Grouse. Conservation Genetics 8:695-703.

Freeland, J. R., S. J. Hannon, G. Dobush, and P. T. Boag. 1995. Extra-pair paternity in Willow Ptarmigan broods: measuring costs of polygyny to males. Behavioral Ecology and Sociobiology 36:349-355.

Frilund, G. E. 2000. The effect of hunting on survival in Willow Ptarmigan *Lagopus l. lagopus*. M. Sc. Thesis. Norwegian University of Science and Technology. 39pp.

Fuglei, E., and A. O. Pedersen. 2006. Svalbard Rock Ptarmigan *Lagopus muta hyperborea* in Svalbard - what do we know about it? Fauna (Oslo): 58:114-123.

Fuglei, E., and A. O. Pedersen. 2008. Svalbard Rock Ptarmigan (*Lagopus mutus hyperboreus*) – a status report. Grouse News 35:12-13.

Fuglei, E., and A. O. Pedersen. 2011. Experiences of satellite tags on Rock Ptarmigan. Grouse News 41:26-27.

Gabrielsen, G. W., A. S. Blix, and H. Ursin. 1985. Orienting and freezing responses in

incubating ptarmigan hens. Physiological Behaviour 34:925-934.

Gabrielsen, G., J. Kanwisher, and J. B. Steen. 1977. "Emotional" brachycardia: a telemetry study on incubating Willow Grouse (*Lagopus lagopus*). Acta Physiologica Scandinavica 100:255-257.

Gabrielsen, G. W., and J. B. Steen. 1979. Tachycardia during egg-hypothermia in incubating ptarmigan (*Lagopus lagopus*). Acta Physiologica Scandinavica 107:273-277.

Gabrielsen, G. W., and S. Unander. 1987. Energetic cost during incubation in Svalbard and Willow Ptarmigan hens. Polar Research 5:59-70.

Gabrielson, I. N. and F. C. Lincoln. 1951. A new race of ptarmigan from Alaska. Proceedings of the Biological Society of Washington 64:63-64.

Gabrielson, I. N. and F. C. Lincoln. 1953. Status of *Lagopus mutus sanfordi* Bent. Proceedings of the Biological Society of Washington 66: 203.

Gaidar, A. A. 1981. [The stock of gallinaceous birds in the Kirov Oblast Russian-SFSR USSR.] Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 86(3):45-51. (in Russian with English summary) (Hazel Grouse, Willow Ptarmigan, Black Grouse, Capercaillie).

Gallus, J. A. G., O. D. Sanchez, C. P. Laborda, J. A. L. Garcia, and E. V. Ferrer. 2004. Estudio sobre la situacion de las poblaciones de lagopodo alpino (*Lagopus mutus*) y mochuelo boreal (*Aegolius funereus*) en el Parque Nacional de Ordesa y Monte Perdido (Sobrarbe-Huesca). [Study on the situation of the Ptarmigan (*Lagopus mutus*) and Tengmalm's Owl (*Aegolius funereus*) populations in the Ordesa and Monte Perdido National Parks (Sobrarbe-Huesca).] Lucas Mallada 11:105-133. (in Spanish with English summary).

Gardarsson, A. 1971. Food ecology and spacing behaviour of Rock Ptarmigan (*Lagopus mutus*) in Iceland. Ph. D. Dissertation. University of California, Berkeley.

Gardarsson, A. 1988. Cyclic population changes and some related events in Rock Ptarmigan in Iceland. Pp. 473-577 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). University of Minnesota Press, Minneapolis.

Gardarsson, A., and R. Moss. 1970. Selection of food by Icelandic Ptarmigan in relation to its availability and nutritive value. Pp. 47-71 *in* A., Watson, Ed., Animal populations in relation to their food resources. Blackwell Science Publishers, Oxford and Edinburgh.

Gasaway, W. C. 1974. Cecal function in ptarmigan. Ph. D. Dissertation. University of

Alaska, Fairbanks.

Gasaway, W. C. 1976. Seasonal variation in diet, volatile fatty acid production and size of the cecum of Rock Ptarmigan. Comparative Biochemistry and Physiology A. 53:109-14.

Gasaway, W. C. 1976. Volatile fatty acids and metabolizable energy derived from cecal fermentation in the Willow Ptarmigan. Comparative Biochemistry and Physiology A. 53:115-21.

Gasaway, W. C. 1976. Cellulose digestion and metabolism by captive Rock Ptarmigan. Comparative Biochemistry and Physiology A. 54:179-82.

Gasaway, W. C. 1976. Methane production in Rock Ptarmigan (*Lagopus mutus*). Comparative Biochemistry and Physiology A. 54:183-5.

Gasaway, W. G., D. F. Holleman, and R. G. White. 1975. Flow of digesta in the intestine and cecum of the Rock Ptarmigan. Condor 77:467-474.

Gasaway, W. C., R. G. White, and D. F. Holleman. 1976. Digestion of dry matter and absorption of waterin the intestine and cecum of Rock Ptarmigan. Condor 78:77-84.

Gaydou, F., and M. Giovo. 2003. Densita primaverile di Pernice bianca *Lagopus mutus* e Coturnice *Alectoris graeca* nelle Valli Pellice e Chisone (Alpi Cozie, Torino). [Spring density of the Rock Ptarmigan *Lagopus mutus* and the Rock Partridge *Alectoris graeca* in the Pellice and Chisone valleys (Cozie Alps, Torino).] Avocetta 27 (Numero speciale):107. (in Italian).

Gellhorn, J. G. 2007. White-tailed Ptarmigan: ghost of the alpine tundra. Johnson Books, Boulder, CO.

Gelting, P. 1937. Studies on the food of the east Greenland ptarmigan, especially in its relation to vegetation and snow-cover. Ph. D. Dissertation. University of Copenhagen. 196pp.

Gibson, G. G. 1968. *Splendidoflilaria papillocerca* (Lubimov, 1946) and *Microfilaria lagopodis* (Haaland, 1928) (Filaroidea) from ptarmigan in northwestern North America. Canadian Journal of Zoology 46:21.

Giesen, K. M. 1977. Mortality and dispersal of juvenile White-tailed Ptarmigan. M. Sc. Thesis. Colorado State University, Fort Collins.

Giesen, K. M. 1978. Egg retrieval by incubating White-tailed Ptarmigan. Auk 96:761-762.

Giesen, K. M., and C. E. Braun. 1976. Renesting of White-tailed Ptarmigan in Colorado. Colorado-Wyoming Academy of Science Journal 8:71-72.

Giesen, K. M., and C. E. Braun. 1979. Nesting behavior of female White-tailed Ptarmigan in Colorado. Condor 81:215-217.

Giesen, K. M., and C. E. Braun. 1979. Renesting of White-tailed Ptarmigan in Colorado. Condor 81:217-218.

Giesen, K. M., and C. E. Braun. 1979. A technique for age determination of juvenile White-tailed Ptarmigan. Journal of Wildlife Management 43:508-511.

Giesen, K. M., and C. E. Braun. 1992. Winter home range and habitat characteristics of White-tailed Ptarmigan in Colorado. Wilson Bulletin 104:263-272.

Giesen, K. M., and C. E. Braun. 1993. Natal dispersal and recruitment of juvenile White-tailed Ptarmigan in Colorado. Journal of Wildlife Management 57:72-77.

Giesen, K. M., C. E. Braun, and T. A. May. 1980. Reproduction and nest-site selection by White-tailed Ptarmigan in Colorado. Wilson Bulletin 92:188-189.

Giesen, K. M., M. A. Schroeder, W. D. Snyder, and S. M. Joy. 1991. Wildlife research report: avian research, upland birds: federal aid projects. Colorado Division of Wildlife. 330 pp. (Greater Sage Grouse, Greater Prairie-Chicken, Lesser Prairie-Chicken, White-tailed Ptarmigan).

Gilbert, L., L. D. Jones, K. M. Laurenson, E. A. Gould, H. W. Reid, and P. J. Hudson. 2004. Ticks need not bite their Red Grouse hosts to infect them with louping ill virus. Proceedings of the Royal Society of Biological Science Series B. 271:S202-205.

Gil, J. A., J. C. Ascaso, G. Cheliz, C. Perez, J. A. Losada, and E. Villagrasa. 2007. Inventario y criterios de gestion del urogallo, el lagopodo alpino y la perdiz pardilla en el Parque Nacional de Ordesa y Monte Perdido. [Inventory and criteria for the management of the Capercaillie, the Rock Partmigan and the Partridge in Ordesa and Monte Perdido National Park.]. Naturaleza Aragonesa 18:20-28. (in Spanish).

Gilio, N., C. Oppio, L. Pompilio, R. Viterbi, B. Bassano, and A. Meriggi. 2003. Modelli di idoneita ambientale per Fagiano di monte *Tetrao tetrix*, Pernice bianca *Lagopus mutus* e Coturnice *Alectoris graeca saxatilis* nel Parco nazionale del Gran Paradiso. [Models of environmental conditions for the Black Grouse *Tetrao tetri*x, the Ptarmigan *Lagopus mutus* and the Rock Partridge *Alectoris graeca saxatilis* of Gran Paradiso national park.] Avocetta 27:109. (in Italian).

Girtanner, A. 1880. Zur Eingewöhnung des Alpen-Schneehuhns (*Lagopus mutus*) in

Gefangenschaft. [To acclimatizing the alpine snow chicken (*Lagopus mutus*) in shank.] Der Zoologische Garten Jahrg. 21, 1880. p. 71-82. (in German).

Gjerstad, K. O., and I. Hanssen. 1984. Experimental lead poisoning in Willow Ptarmigan. Journal of Wildlife Management 48:1018-1022.

Gjesdal, A. 1977. External markers of social rank in Willow Ptarmigan. Condor 79:279-281.

Gjesdal, A. 1977. Social rank, mating and egg fertilization in Willow Ptarmigan (*Lagopus lagopus lagopus*). Poultry Science 56:41-44.

Gladstone, H. S. 1909. Red Grouse and Black Grouse hybrids. British Birds 2:425.

Glanzer, U. 1985. [Effects of land use changes on bird life, example: *Tetrao tetrix* and *Lagopus lagopus*.] Transactions of the 17th. Congress International Union Game Biologists 17:501-507. (in German).

Gloger. 1856. Wie oft mag das Alpen-Schneehuhn (*Lagopus alpinus* Nils.) mausern? [How often does the alpine snow chicken (*Lagopus alpinus* Nile.) moult?] Journal of Ornithology 4:461-464. (in German).

Glukhovsky, M. V. 2001. [Incubation of eggs of Willow Grouse (*Lagopus lagopus*) by Pintail (*Anas acuta*).] Ornitologiya 29:325. (in Russian).

Godfrey, A. P. 1971. A trial introduction of Willow Ptarmigan (*Lagopus lagopus alleni*). M. Sc. Thesis. Acadia University. 137pp.

Goebel, 1873. Einige Worte über den Farbenwechsel des *Lagopus albus*. [Some words over the color change in *Lagopus albus*.] Journal of Ornithology 21:422-425. (in German).

Gonzalez, G., and C. Novoa. 1989. [The partitioning of space between sympatric Pyrenean Ptarmigan *Lagopus mutus pyrenaicus* and the Partridge *Perdix perdix hispaniensis* in the Carlit Mountain Range eastern Pyrenees the respective roles of elevation and exposure.] Revue d'Ecologie la Terre et la Vie 44:347-360. (in French with English summary).

Gordon, S. 1932. Ptarmigan nest in long heather. British Birds 25:305-306.

Gorodkov, B. N., and E. S. Korotkevich. 1957. Feeding habits of *Lagopus lagopus birulai* Serebr. in the zone of the Arctic Desert. Zoologi Zhournal 36:1382-1384.

Gould, J. 1858. On a new species of ptarmigan. Proceedings of the Zoological Society of London 26:354-355.

Graham, K. E. F. 2005. Human-predator-prey conflicts: the impact of predation on prey species and models of a raptor-gamebird system. Ph.D. Dissertation. University of St. Andrews. 198 pp. (Red Grouse).

Grammeltvedt, R. 1978. Atrophy of a breast muscle with a single fibre type (M. pectoralis) in fasting Willow Grouse, *Lagopus lagopus* (L.). Journal of Experimental Zoology 205:195-204.

Grammeltvedt, R., and J. B. Steen. 1978. Fat deposition in Spitzbergen Ptarmigan (*Lagopus mutus hyperboreus*). Arctic 31:496-498.

Granstrom, U. 1980. The food of Wllow Gouse *Lagopus lagopus* (L.) from a mountain area in northern Sweden. Fauna och Flora (Stockholm) 75:55-60.

Greenman, J. V., and A. S. Hoyle. 2010. Pathogen exclusion from eco-epidemiological systems. American Naturalist 176:149-158. (Red Grouse).

Grieg, J. A. 1889. *Lagopus urogallus – albus*: Ein neuer Moorschneehuhnbastard. [*Lagopus urogallus – albus*: a new moor grouse hybrid.] Bergens Museums Aarberetning 1889(5):1-13. (in German).

Grondahl, K. 2005. Riekonmetsästyksen ekologinen ja sosiaalinen kestävyys Ylä-Lapissa metsästyskaudella 2001-2002. [The ecological and social capacity of sustainability on hunting of Willow Grouse in Northern Lapland in the hunting season 2001-2002.] Ph. D. Dissertation (in Finnish).

Gruys, R. C. 1991. Autumn and winter movements and mortality of Willow Ptarmigan at Chilkat Pass, British Columbia. M. Sc. Thesis. University of Alberta.

Gruys, R. C. 1993. Autumn and winter movements and sexual segregation of Willow Ptarmigan. Arctic 46:228-239.

Gruys, R. C., and S. J. Hannon. 1993. Sex determination of hunter-killed and depredated Willow Ptarmigan using a discriminate analysis. Journal of Field Ornithology 64:11-17.

Gudmundsson, F. 1960. Some reflections on Ptarmigan cycles in Iceland. Proceedings of the 12th. International Ornithological Congress 12:259-265.

Gulbrandsen, K. S. 1978. Willow Grouse observed in Oslo. Fauna 31:137.

Gunn, A., and R. C. Cotter. 1992. Experimental commercial harvest of ptarmigan, Kitikmeot Region, 1989. Manuscript report no. 47, Dept. of Renewable Resources, Govt. of the Northwest Territories. 103pp.

Gyllensten, U. 1985. Temporal allozyme frequency changes in density fluctuating

populations of Willow Grouse (*Lagopus lagopus* L.). Evolution 39:115-121.

Gyllensten, U., C. Reuterwall, and N. Ryman. 1979. Genetic variability in Scandinavian populations of Willow Grouse (*Lagopus lagopus* L.) and Rock Ptarmigan (*Lagopus mutus*). Hereditas 91:301.

Gyllensten, U., N. Ryman, and T. Saether. 1985. Genetic divergence between Willow Grouse *Lagopus lagopus* and Rock Ptarmigan *Lagopus mutus* and the genetic structure of Scandinavian grouse populations. Hereditus 102:47-56.

Hagen, Y. 1935. [Ringing of Willow Ptarmigan at Rauland and Tinn.] Meddelelser Fra Statens Viltenderoksler 1:1-46. (in Norwegian).

Hagen, Y. 1937. Fjærdraktens utvikling hos lirypen (*Lagopus lagopus* L.) med en undersøkelse over kyllingenes vekst og alder. Oslo. 90pp. (in Norwegian).

Haggstrom, D. A. 1979. The fall behavior of Rock Ptarmigan (*Lagopus mutus*) in interior Alaska. M. Sc. Thesis. University of Alaska – Fairbanks.

Hagihara, M., T. Yamaguchi, M. Kitahara, K. Hirai, and K. Murata. 2004. *Leucocytozooin lovati* infections in wild Rock Ptarmigan (*Lagopus mutus*) in Japan. Journal of Wildlife Diseases 40:804-807.

Hakkarainen, H., R. Virtanen, J. O. Honkanen, and H. Roininen. 2007. Willow bud and shoot foraging by ptarmigan in relation to snow level in NW Finnish Lapland. Polar Biology 30:619-624.

Halley, K. A. 1999. White-tailed Ptarmigan chicks' diets and the effect of hen food calls. M. Sc. Thesis. University of Northern Colorado.

Hammarstrom, A. 2001. Long time fluctuations of three Willow Grouse populations in Sweden. M. Sc. Thesis. Swedish University of Agricultural Science.

Hampson, C. 1991. With ptarmigan and arctic wolves. Orca Book Publishers. 131pp.

Haneda, H. 1985. [Distribution and number of the Japanese Rock Ptarmigan in Japan, and the outlook for the conservation.] Tori (Japanese Journal of Ornithology) 34:84-85. (In Japanese).

Haneda, K. 1974. Changes in the distribution and ecology of birds owing to the environmental destruction in mountainous area with special reference to *Lagopus mutus japonicus*. Japanese Journal of Ecology 24:261-264. (in Japanese).

Haneda, K., H. Nakamura, A. Koiwai, T. Iizawa, and K. Tajima. 1985. [Distribution and density of the Rock Ptarmigan *Lagopus mutus* in the southern Japan Alps.] Tori. Bulletin of the Ornithological Society of Japan 34:33–48. (In Japanese with

English summary).

Hanley, N., M. Czajkowski, R. Hanley-Nickolls, and S. Redpath. 2010. Economic values of species management options in human–wildlife conflicts: Hen Harriers in Scotland. Ecological Economics XXX:XXX-XXX (online early). (Red Grouse).

Hannon, S. J. 1982. Female aggressiveness, breeding density, and monogamy in Willow Ptarmigan. Ph. D. Dissertation. University of British Columbia.

Hannon, S. J. 1983. Spacing and breeding density of Willow Ptarmigan in response to an experimental alteration of sex ratio. Journal of Animimal Ecology 52:807-820.

Hannon, S. J. 1984. Factors limiting polygyny in the Willow Ptarmigan. Animal Behaviour 32:153-161.

Hannon, S. J. 1995. Ecological and behavioural constraints on monogamy in the Willow Ptarmigan. Pp. 43-47 In: D. Jenkins (Ed.): Proceedings of the 6th. International Symposium on Grouse.

Hannon, S. J., and T. W. Barry. 1986. Demography, breeding biology and predation of Willow Ptarmigan at Anderson River Delta, Northwest Territories. Arctic 39:300-303.

Hannon, S. J., and G. Dobush. 1997. Pairing status of male Willow Ptarmigan: is polygyny costly to males? Animal Behavior 53:369-380.

Hannon, S. J., and P. Eason. 1995. Colour bands, combs and coverable badges in Willow Ptarmigan. Animal Behaviour 49:53-62.

Hannon, S. J., P. K. Eason, and K. Martin. 1998. Willow Ptarmigan (*Lagopus lagopus*). Birds of North America. No. 369.

Hannon, S. J., and R. C. Gruys. 1987. Patterns of predation in a Willow Ptarmigan population in northern Canada. Proceedings of the 4th. International Grouse Symposium Pp44-50.

Hannon, S. J., R. C. Gruys, and J. O. Schieck. 2003. Differential seasonal mortality of the sexes in Willow Ptarmigan *Lagopus lagopus* in northern Brithish Columbia, Canada. Wildlife Biology 9:317-326.

Hannon, S. J., I. Jonsson, and K. Martin. 1990. Patagial marking of juvenile Willow Ptarmigan. Wildlife Society Bulletin 18:116-119.

Hannon, S. J., and K. Martin. 1992. Monogamy in Willow Ptarmigan: is mate vigilance

important for reproductive success and survival of females? Animal Behaviour 43:747-757.

Hannon, S. J., and K. Martin. 1996. Mate fidelity and divorce in ptarmigan: polygyny avoidance on the tundra. Pp. 192-210 *in* J. M. Black and M. Hulme (eds). Partnerships in birds. Oxford University Press, Oxford, UK.

Hannon, S. J., K. Martin, and P. K. Eason. 1998. Willow Ptarmigan. The Birds of North America. No. 369.

Hannon, S. J., K. Martin, and J. O. Schiek. 1988. Timing of reproduction in two populations of Willow Ptarmigan in northern Canada. Auk 105:330-338.

Hannon, S. J., K. Martin, L. Thomas, and J. Schieck. 1993. Investigator disturbance and clutch predation in Willow Ptarmigan: methods for evaluating impact. Journal of Field Ornithology 64:575-586.

Hannon, S. J., and J. Rowland. 1984. Morphology and territory acquisition in Willow Ptarmigan. Canadian Journal of Zoology 65:1502-1506.

Hannon, S. J., and J. N. Smith. 1984. Factors influencing age-related reproductive success in the Willow Ptarmigan. Auk 101:848-854.

Hannon, S. J., and J. C. Wingfield. 1990. Endocrine correlates of territoriality, breeding stage, and body molt in free-living Willow Ptarmigan of both sexes. Canadian Journal of Zoology 68:2130-2134.

Hansen, G. 1981. [Do Gyrfalcons, Goshawks and Golden Eagles cause damage to grouse stocks?] Var Fuglefauna 4(2):112-113.

Hansen, J. L. H. Hansen, and N. M. Schmidt. 2010. Bird monitoring at Zackenberg, northeast Greenland, 2007. Bird Populations 10:56-67. (Rock Ptramigan).

Hansen, J., H. Meltofte, and T. T. Hoye. 2008. Population fluctuations in Rock Ptarmigan in high-Arctic Greenland. Dansk Ornitologisk Forenings Tidsskrift 102:319-324.

Hanssen, I. 1975. Listeriosis among Willow Grouse (*Lagopus lagopus*) in captivity. Nordic Veterinary Medicine 27:37-41.

Hanssen, I. 1975. Pulmonary phycomycosis in captive Rock Ptarmigan (*Lagopus mutus*) and Willow Ptarmigan (*Lagopus lagopus*) chicks. Acta Veterinaria Scandinavica 16:134-6.

Hanssen, I. 1979. Micromorphological studies on the small intestine and caeca in wild and captive Willow Grouse (*Lagopus lagopus lagopus*). Acta Veterinaria

Scandinavia 20:351-364.

Hanssen, I. 1979. A comparison of the microbiological conditions in the small intestine and caeca of wild and captive Willow Grouse (*Lagopus lagopus lagopus*). Acta Veterinaria Scandinavica 20:365-371.

Hanssen, I. 1982. Nephritis and uric acid diathesis in captive Willow Ptarmigan (*Lagopus l. lagopus*). Effect of feed protein concentration and grass meal admixture. Acta Veterinaria Scandinavica 23:446-455.

Hanssen, I. 1982. *Clostridium perfringens* type A toxins in relation to nephritis and uric acid diathesis in captive Willow Ptarmigan (*Lagopus l. lagopus*). Acta Veterinaria Scandinavica 23:466-467.

Hanssen, I. 1982. Effect of natural feed, antibiotics, tannin, diphenyliodoniumchloride and salicylic acid supplement on plasma uric acid concentration in captive Willow Ptarmigan (*Lagopus l. lagopus*). Acta Veterinaria Scandinavica 23:468-70.

Hanssen, I. 1982. Yersinia psuedotuberculosis infection in captive Black Grouse (*Tetrao lyrurus*) and Willow Ptarmigan (*Lagopus l. lagopus*). Acta Veterinaria Scandinavica 23:622-623.

Hanssen, I. 1984. Studies on nutrition and mortality in captive Willow Ptarmigan (*Lagopus lagopus lagopus*). Ph. D. Dissertation. University of Tromso.

Hanssen, I., R. Grammeltvedt, and A. L. Helleman. 1984. Effects of different diets on viability, and gut morphology and bacteriology in captive Willow Ptarmigan chicks (*Lagopus L. lagopus*). Acta Veterinaria Scandinavica 25:67-75.

Hanssen, I., H. J. Grav, J. B. Steen, and H. Lysnes. 1979. Vitamin C deficiency in growing Willow Ptarmigan (*Lagopus lagopus lagopus*). Journal of Nutrition 109:2260-2276.

Hanssen, I., and J. Ness. 1982. Chick nutrition and mortality in captive Willow Ptarmigan (*Lagopus l. lagopus*). Acta Veterinary Scandinavica 23:456-465.

Hanssen, I., J. Ness, and J. B. Steen. 1982. Parental nutrition and chick production in captive Willow Ptarmigan (*Lagopus l. lagopus*). Acta Veterinary Scandinavica 23:528-538.

Hanssen, I., and H. Parker. 1976. Throat obstruction as a mortality factor among Willow Ptarmigan chicks. Wilson Bulletin 88:353.

Hanssen, I., H. C. Pedersen, and T. Lundh. 1991. Does intense herbivory from microtine rodents induce production of plant estrogens in the spring food plants of Willow Ptarmigan *Lagopus l. lagopus*? Oikos 62:77-79.

Hanssen, I., and Utni, F. 1985. Spring phenology egg quality and chick production in Willow Grouse *Lagopus lagopus lagopus* in northern Norway. Norvegica Series C Cinclus 8:77-81.

Harrison, A., S. Newey, L. Gilbert, D. T. Haydon, and S. Thirgood. 2010. Culling wildlife hosts to control disease: mountain hares, Red Grouse and louping ill virus. Journal of Applied Ecology 47:926-933.

Harting, J. E. 1895. Migration of grouse in winter. Zoologist. 1895:69, 108-109.

Harvey, S., C. G. Scanes, and P. J. Sharp. 1982. Annual cycle of plasma concentrations of growth hormone in Red Grouse (*Lagopus lagopus scoticus*). General Comparative Endocrinology 48:411-414.

Haskins, A. G. 1969. Endoparasites of White-tailed Ptarmigan (*Lagopus leucurus*) from Colorado. M. Sc. Thesis. Colorado State University, Fort Collins.

Hatch, D. R. M. 1975. The grouse and ptarmigan of Manitoba. Manitoba Naturalist 16(4):4-10, illust.

Haviland, M. 1915. Notes on the breeding habits of the Willow Grouse (*Lagopus lagopus*) at the mouth of the Yenesei River, Siberia. Zoologist London. 19:241-244.

Hawksley, O. 1980. Injury feigning by Willow Ptarmigan. Wilson Bulletin 62:37.

Hayama, S., C. Hattori, Y. Ohata, and N. Mitano. 2010. Body mass changes of Japanese Rock Ptarmigan *Lagopus muta japonicus* in captivity. Ornithological Science 9:149-155.

Haydon, D. T., D. J. Shaw, I. M. Cattadori, P. J. Hudson, and S. J. Thirgood. 2002. Analysing noisy time series: describing the regional variation in the cyclic dynamics of Red Grouse. Proceedings of the Royal Society of London, Series B. 269:1609-1617.

Heid, S. 2008. Effects of recreational homes on Willow Ptarmigan (*Lagopus lagopus*). M. Sc. Thesis. Norwegian University of Life Sciences. 31pp.

Heikura, K., and E. Helle. 1978. Metson (*Tetrao urogallus*), teeren (*Lyrurus tetrix*) ja riekon (*Lagopus lagopus*) jauhinkivistä Pohjois-Suomessa. [On the gizzard stones of the Capercaillie (*Tetrao urogallus*), the Black grouse (*Lyrurus tetrix*) and the Willow Ptarmigan (*Lagopus lagopus*) in northern Finland.] Aureola 3:2-13. (in Finnish with English summary).

Helle, H. 1981. Riekon syysravinnon koostumuksesta Oulun laanissa. [Composition of

the autumn diet in the Willow Grouse, *Lagopus lagopus* L. in the province of Oulu, northern Finland.] Suomen Riista 28:79-85. (in Finnish).

Helle, H. 1982. Preference for different types of winter forage in the Willow Grouse (*Lagopus lagopus* L.) in the northern part of Ostrobothnia, Finland. Suomen Riista 29:14-20.

Helle, P., V. Belkin, L. Bjudnik, P. I. Danilov, and A. Jakimov. 2003. Metsakanalintukannat Suomessa ja Venajan Karjalassa. [Changes in grouse populations in Finland and Russian Karelia during recent decades.] Suomen Riista 49:32-43. (in Finnish with English summary).

Helle, P., and H. Linden. 1992. Monitoring grouse populations in Finland. Grouse News 4:7-10.

Helle, P., H. Linden, and M. Wikman. 2002. Metsakanalintujen viimeaikaisista runsauden muutoksista Suomessa. [Recent changes in grouse populations in Finland.] Linnut-vuosikirja 2002:92-97 (in Finnish).

Helle, P., and J. Lindstrom. 1991. Censusing tetraonids by the Finnish wildlife triangle method: principles and some applications. Ornis Fennica 68:148-157.

Henderson, B. A. 1976. Protein polymorphism in the egg albumen of Red Grouse (*L. lagopus scoticus*). Heredity 36:413-415.

Henderson, B. A. 1976. Black bands on starch gel stained for serum esterases in Red Grouse. Journal of Heredity 67:254-255.

Henderson, B. A. 1977. The genetics and demography of a high and low density of Red Grouse *Lagopus lagopus scoticus*. Journal of Animal Ecology 46:581-592.

Hendry, R., P. J. Bacon, R. Moss, S. C. F. Palmer, and J. McGlade. 1997. A two-dimensional individual-based model of territorial behaviour: Possible population consequences of kinship in Red Grouse. Ecological Modeling 105:23-39.

Henshaw, H. W. 1905. Note on *Lagopus leucurus* and *Leucosticte australis*. Auk 22:315-316.

Herredsvela, H., and A. Munkejord. 1988. [Grouse in south west Norway are polluted by cadmium.] Var Fuglefauna 11(2):75-77.

Herzog, P. W. 1977. Summer habitat use by White-tailed Ptarmigan in southwestern Alberta. Canadian Field-Naturalist 91:367-371.

Herzog, P. W. 1980. Winter habitat use by White-tailed Ptarmigan in southwestern Alberta. Canadian Field-Naturalist 94:159-164.

Hewson, R. 1973. The moults of captive Scottish Ptarmigan (*Lagopus mutus*). Journal of Zoology 171:177-187.

Hewson, R. 1976. Grazing by mountain hares *Lepus timidus*, red deer *Cervus elaphus* and Red Grouse *Lagopus lagopus scoticus* on heather moorland in northeast Scotland. Journal of Applied Ecology 13:657-666.

Hik, D. S., S. J. Hannon, and K. Martin. 1986. Northern Harrier predation on Willow Ptarmigan. Wilson Bulletin 98:597-600.

Hill, G. A. 1922. With the Willow Ptarmigan. Condor 24:105-108.

Hjeljord, O., and A. Kiaer. 1991. Jaktjournalen fra "Rypa". Villreinen 5:57-59. (in Norwegian).

Hobbs, N. T., J. S. Baron, S. Cooney, D. J. Cooper, J. E. Dickens, H. Galbraith, A. P. Covich, J. B. Loomis, E. Martinson, D. Ojima, R. D. Scherer, D. M. Theobald, G. Wang, and S. A. Weiler. 2003. Future impacts of global climate change on Rocky Mountain National Park: its ecosystems, visitors, and the economy of its gateway community – Estes Park. Final Report. 47pp.

Høeg, O. A. 1929. Food of the Spitzbergen ptarmigan in September. Det Kgl. Norske Vidensk. Selsk. Forh. 1(56): 165-168.

Hoffman, K. 1996. A Rock Ptarmigan at Grand Marais. Loon 68:79.

Hoffman, R. W. 1974. Characteristics and migration of wintering populations of Colorado White-tailed Ptarmigan. M. Sc. Thesis. Colorado State University. 58pp.

Hoffman, R. W. 1975. Migration of White-tailed Ptarmigan in Colorado. Journal of the Colorado – Wyoming Academy of Science 7:45.

Hoffman, R. W. 2006. White-tailed Ptarmigan (*Lagopus leucura*): A technical conservation assessment. USDA Forest Service, Rocky Mountain Region. 72pp.

Hoffman, R. W., and C. E. Braun. 1974. Composition, distribution and size of winter flocks of White-tailed Ptarmigan. Journal of the Colorado – Wyoming Academy of Science 7:68-69.

Hoffman, R. W., and C. E. Braun. 1975. Migration of a wintering population of White-tailed Ptarmigan in Colorado. Journal of Wildlife Management 39:485-490.

Hoffman. R. W., and C. E. Braun. 1977. Characteristics of a wintering population of White-tailed Ptarmigan in Colorado. Wilson Bulletin 89:107-115.

Hoffman, R. W., and K. M. Giesen. 1983. Demography of an introduced population population of White-tailed Ptarmigan. Canadian Journal of Zoology 61:1758-1764.

Hoglund, N. H. 1968. A method of trapping and marking Willow Grouse in winter. Viltrevy 5:95-101.

Hoglund, N. 1970. On the ecology of the Willow Grouse (*Lagopus lagopus*) in a mountainous area in Sweden. 8th. International Congress of Game Biologists, Helsinki. 8:118-120.

Hoglund, N. H. 1980. Winter ecology of the Willow Grouse *Lagopus lagopus lagopus*. Swedish Wildlife Research Viltrevy 11:249-270.

Hoglund, N. H., E. Nilsson, and J. Porkert. 1991. Fehlgerichtetes Brutverhalten einer Moorschneehenne,*Lagopus lagopus* L. [Misguided brooding behaviour of a Willow Grouse hen (*Lagopus lagopus* L.). European Journal of Wildlife Research 37:271-272.

Hoglund, N. H., and J. Porkert. 1983. Consumption and excretion of grit in Capercaillie, Black Grouse, and Willow Grouse, *Tetrao urogallus, Tetrao tetrix, Lagopus Lagopus* under experimental conditions. Vestnik Ceskoslovenske Spolecnosti Zoologicke 47:256-271.

Hohn, E. O. 1957. Observations on display and other forms of behavior of certain Arctic birds. Auk 74:380-382.

Hohn, E. O. 1977. The “snowshow effect” of the feathering on ptarmigan feet. Condor 79:380-382.

Hohn, E. O. 1984. Willow Ptarmigan in the boreal forest of the prairie provinces. Blue Jay 42:83-88.

Hohn, E. O. 2004. Die Schneehühner: Gattung *Lagopus*. [The snow chickens: genus *Lagopus*.] Hohenwarsleben : Westarp-Wiss.-Verl.-Ges 128pp. (in German).

Hohn, E. O., and C. E. Braun. 1977. Seasonal thyroid gland histophysiology and weight in White-tailed Ptarmigan. Auk 94:544-551.

Hohn, E. O., and C. E. Braun. 1977. Hormones and seasonal plumage color in ptarmigans. Proceedings of the Physiological Society 1977:34-35.

Hohn, E. O., and C. E. Braun. 1980. Hormonal induction of feather pigmentation in Ptarmigan. Auk 97:601-607.

Hohn, E. O., and P. Singer. 1980. Über die Rosafärbung bei Schneehühnern. [On the feather pigmentation of ptarmigan.] Journal of Ornithology 121:287-288. (in German).

Holder, K. R. 1990. Ornamental traits in Rock Ptarmigan: morphology, behaviour, and mating success. M. Sc. Thesis. Queen's University at Kingston.

Holder, K. R. 1998. Evolutionary divergence and historical biogeography of Rock Ptarmigan (*Lagopus mutus*). Ph. D. Dissertation. Queens University of Kingston.

Holder, K., and R. Montgomerie. 1993. Context and consequences of comb displays by male Rock Ptarmigan. Animal Behavior 45:457-470.

Holder, K., and R. Montgomerie. 1993. Red colour bands do not improve the mating success of male Rock Ptarmigan. Ornis Scandinavica 24:53-58.

Holder, K., and R. Montgomerie. 1993. Rock Ptarmigan. The Birds of North America. No. 51.

Holder, K. R., R. Montgomerie, and V. L. Friesen. 1999. A test of the glacial refugium hypothesis using patterns of mitochondrial and nuclear DNA sequence variation in Rock Ptarmigan (*Lagopus mutus*). Evolution 53:1936-1950.

Holder, K. R., R. Montgomerie, and V. L. Friesen. 2000. Glacial vicariance and historical biogeography of Rock Ptarmigan (*Lagopus mutus*) in the Bering region. Molecular Ecology 9:1265-1278.

Holder, K., R. Montgomerie, and V. L. Friesen. 2004. Genetic diversity and management of Nearctic Rock Ptarmigan (*Lagopus mutus*). Canadian Journal of Zoology 82:564-575.

Holmboe, J. 1922. Hvad lirypen lever av i Norge. [What the Willow Grouse lives on in Norway.] Bergens Museum Aarbok. (in Norwegian).

Holmes, J. C., and D. A. Boag. 1965. Parasites of the mountain grouse of Alberta, Canada. Wiad. Parazytol. 11:255-262.

Holmstad, P. R. 2004. Do parasites affect ptarmigan parasite population dynamics? Thesis. University of Bergen, Norway. 128pp.

Holmstad, P. R., A. Anwar, T. Iezhova, and A. Skorping. 2003. Standard sampling techniques underestimate prevalence of avian hematozoa in Willow Ptarmigan (*Lagopus lagopus*). Journal of Wildlife Diseases 39:354-358.

Holmstad, P. R., O. Holstad, G. Karbol, J. O. Revhaug, E. Schei, V. Vandvik, and A. Skorping. 2004. Parasite tags in ecological studies of terrestrial hosts: a study on

ptarmigan (*Lagopus* spp.) dispersal. Ornis Fennica 81:128-136.

Holmstad, P. R., P. J. Hudson, and A. Skorping. 2005. The influence of a parasite community on the dynamics of a host population: a longitudinal study on Willow Ptarmigan and their parasites. Oikos 111:377-391.

Holmstad, P. R., P. J. Hudson, V. Vandvik, and A. Skorping. 2005. Can parasites synchronise the fluctuations of sympatric tetraonids? – examining some minimum conditions. Oikos 109:429-434.

Holmstad, P. R., K. H. Jensen, and A. Skorping. 2006. Vector-borne parasites decrease host mobility: A field test of freeze or flee behaviour of Willow Ptarmigan. International Journal of Parasitology 36:735-740.

Holmstad, P. R., K. H. Jensen, and A. Skorping. 2008. Ectoparasite intensities are correlated with endoparasite infection loads in Willow Ptarmigan. Oikos 117:515-520.

Holmstad, P. R., and A. Skorping. 1998. Covariation of parasite intensities in Willow Ptarmigan, *Lagopus lagopus* L. Canadian Journal of Zoology 76:1581-1588.

Holstad, O., G. Karbol, and A. Skorping. 1994. *Trichostrongylus tenuis* from Willow Grouse (*Lagopus lagopus*) and Ptarmigan (*Lagopus mutus*) in northern Norway. Bulletin of the Scandinavian Society for Parasitology 4:9-13.

Holt, E. 1946. Forsok med opdrett av ryper. Norges Jeger- og Fisker-Forbunds Tidsskrift, 75(8):19-26, (9-10):17-29. (in Norwegian).

Holt, E. 1951. Rypeundersokelser. Norges Jeger- og Fisker-Forbunds Tidsskrift, 80(5):121-132, (6):153-161. (in Norwegian).

Hornell, M., and T. Willebrand. 1998. Censusing spring populations of Willow Grouse and Rock Ptarmigan. Unpublished report. 25pp.

Hornell-Willebrand, M. 2005. Temporal and spatial dynamics of Willow Grouse *Lagopus lagopus*. Ph. D. Dissertation Sveriges Lantbruksuniversitet (Sweden). 36pp.

Hornell-Willebrand, M., V. Marcstrom, R. Brittas, and T. Willebrand. 2006. Temporal and spatial correlation in chick production of Willow Grouse *Lagopus lagopus* in Sweden and Norway. Wildlife Biology 12:347-355.

Hornfelt, B., O. Lofgren, and B.-G. Carlsson. 1986. Cycles in voles and small game in relation to variations in plant production indices in Northern Sweden. Oecologia 68:496-502.

Hosie, B. D., and A. O. Mathieson. 1991. Red Grouse - control of parasitic worms. Scottish Agricultural Colleges.

Host, P. 1942. Effect of light on the moults and sequences of plumage in the Willow Ptarmigan. Auk 59:388-403.

Hotta, M. 1999. [The Rock Ptarmigan *Lagopus mutus* population of Japan: a review of its ecological studies.] Naganoken Shizen Hogo Kenkyujo Kiyo 2:1-12. (in Japanese).

Hotta, M., and T. Hamada. 2001. [Breeding status of the Rock Ptarmigan *Lagopus mutus* in Tatamidaira region, Mt. Norikura [Nagano, Japan].] Bulletin of Nagano Nature Conservation Research Institute 4:45-50. (in Japanese).

Huber, B., and P. Ingold. 1991. Bestand und Verteilung der Territorien des Alpenschneehuhns *Lagopus mutus* am Augstmatthorn BE. [Existence and distribution of the territories of the Rock Ptarmigan *Lagopus mutus* at the Augstmatthorn.] Ornithol. Beob. 88:1–7. (in German).

Huber-Eicher, B. 1995. Energy costs of incubation in Rock Ptarmigan in Switzerland. Pp. 71-76 *In*: D. Jenkins (Ed.), Proceedings of the 6th. International Symposium on Grouse.

Hubbard, J. P., and J. W. Eley. 1985. White-tailed Ptarmigan (*Lagopus leucurus*). Handbook of Species Endangered in New Mexico. New Mexico Department of Game and Fish.

Hudson, P. J. 1980. The production of Red Grouse in 1980. Game Conservancy Annual Review 1980:59-62.

Hudson, P. J. 1981. Accumulation of strongyles in young grouse. Game Conservancy Annual Review 1981:102-105.

Hudson, P. J. 1982. Red Grouse production and management in relation to tourism. Moorland Wildlife Conservation Amenity Recreation Research Group 8:45-54.

Hudson, P.J. 1982. Red Grouse chicks and insects. Game Conservancy Annual Review 1982:65-68.

Hudson, P. J. 1985. Harvesting Red Grouse in the North of England. Pp. 319-326 *IN*: Beasom, S. L., and S. F. Roberson (Eds.) Game Harvest Management. Caesar Kleberg Wildlife Research Institute, Kingsville, TX.

Hudson. P. 1986. Red Grouse. Game Conservancy Fund. 249pp.

Hudson, P. J. 1986. The effect of a parasitic nematode on the breeding production of

Red Grouse. Journal of Animal Ecology 55:85-92.

Hudson, P. J. 1988. Status and potential of Red Grouse in the Spey Valley. Pages 179-193 *in* The Management of the Spey Valley (D. Jenkins, ed.) Aberdeen Centre for Land Use. Aberdeen, Scotland.

Hudson, P. J. 1990. Territorial status and survival in a low density grouse population: preliminary observations and experiments. Pp.20-28 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Hudson, P. J. 1992. Grouse in space and time: the population biology of a managed gamebird. Game Conservancy Trust, Fordingbridge, 224pp.

Hudson, P. J. 1994. Ecological trends and grouse management in upland Britain. Pp. 282-293 *IN*: Thompson, D. B. A., A. J. Hester, and M. B. Usher (Eds.). 1994. Heaths and moorlands: cultural landscapes. Conference Proceedings. Scottish Natural Heritage. Aberdeen.

Hudson, P. J. 1994. Impact of trichostrongyle nematodes on the population dynamics of Red Grouse. Diseases and parasites of birds. Autumn Scientific Meeting, 8th to 10th, September 1993. Madingley Hall, Cambridge. Pages: 3pp.

Hudson, P. J., F. Booth, M. M. Hurley, and D. H. Howarth. 1994. Problems with Red Grouse chick survival. The Game Conservancy Annual Review 25:120-122.

Hudson, P. J., I. M. Cattadori, B. Boag, and A. P. Dobson. 2006. Climate disruption and parasite-host dynamics: patterns and processes associated with warming and the frequency of extreme climatic events. Journal of Helminthology 80:175-182.

Hudson, P. J., and A. P. Dobson. 1988. The ecology and control of parasites in gamebird populations. Pp. 98-133 IN: Hudson, P. J., and M. R. W. Rands. 1987. Ecology and management of gamebirds. BSP Professional Books, Ozford, UK.

Hudson, P. J., and A. P. Dobson. 1989. Population biology of *Trichostrongylus tenuis*, a parasite of economic importance for Red Grouse management. Parasitology Today 5:283-291.

Hudson, P. J., and A. P. Dobson. 1990. Red Grouse population cycles and the population dynamics of the caecal nematode *Trichostrongylus tenuis*. Pp.5-19 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Hudson, P. J., and A. P. Dobson. 1991. The direct and indirect effects of the caecal nematode *Trichostrongylus tenuis* on Red Grouse. Oxford Ornithology Series 1991:49-68

Hudson, P. J., and A. P. Dobson. 1995. Extrinsic factors influencing the population dynamics of Red Grouse. Proceedings of the 6th. International Grouse Symposium. Pp. 19-26.

Hudson, P. J., and A. P. Dobson. 1991. Control of parasites in natural populations: nematode and virus infections of Red Grouse. Oxford Ornithology Series 1991: 413-432.

Hudson, P. J., and A. P. Dobson. 1997. Transmission dynamics and host-parasite interactions of *Trichostrongylus tenuis* in Red Grouse (*Lagopus lagopus scoticus*). Journal of Parasitology 83:194-202.

Hudson, P. J., and A. P. Dobson. 2001. Harvesting unstable populations: Red Grouse *Lagopus lagopus scoticus* (Lath.) in the United Kingdom. Wildlife Biology 7:189-195.

Hudson, P. J., A. P. Dobson, I. M. Cattadori, D. Newborn, D. T. Haydon, D. J. Shaw, T. G. Benton, and B. T. Grenfell. 2002. Trophic interactions and population growth rates: describing patterns and identifying mechanisms. Philosophical Transactions of the Royal Society of London 357:1259-1271.

Hudson, P. J., A. P. Dobson, and D. Newborn. 1985. Cyclic and non cyclic populations of Red Grouse: a role for parasitism? *In*: Rollinson, D., and R. M. Anderson (Eds.). Ecology and genetics of host-parasite interactions. Academy Press. Pp.77-89.

Hudson, P. J., A. P. Dobson, and D. Newborn. 1992. Do parasites make prey vulnerable to predation? Red Grouse and Parasites. Journal of Animal Ecology 61:681-692.

Hudson, P. J., A. P. Dobson, and D. Newborn. 1998. Prevention of population cycles by parasite removal. Science 282:2256-2258

Hudson, P. J., A. P. Dobson, and D. Newborn. 1999. Population cycles and parasitism: Response to Lambin et al. 1999. Science 286:2425.

Hudson, P. J. A. P. Dobson, and D. Newborn. 2003. Parasitic worms and population cycles of Red Grouse. Pp 109-129 *in*: A. Berryman (Ed.). Population Cycles. Oxford University Press.

Hudson, P. J., E. A. Gould, K. Laurenson, M. Gaunt, H. Reid, L. Jones, R. Norman, K. MacGuire, and D. Newborn. 1997. The epidemiology of louping-ill, a tick-borne

infection of Red Grouse (*Lagopus lagopus scoticus*). Parassitologia 39:319-323.

Hudson, P. J., and P. Moore. 1987. Winter problems for Scottish grouse. Game Conservancy Annual Review 1987:146-150.

Hudson, P. J., and D. Newborn. 1990. Brood defence in a precocial species: variations in the distraction displays of Red Grouse, *Lagopus lagopus scoticus*. Animal Behaviour 40:254-261.

Hudson, P. J., and D. Newborn. 1983. Strongylosis and grouse - its impact on production and future control measures. Game Conservancy Annual Review 1982:43-48.

Hudson, P. J., and D. Newborn. 1984. Red Grouse and gamekeepers in northern England. Game Conservancy Annual Review 1984:50-54.

Hudson, P. J., and D. Newborn. 1986. The effect of the caecal threadworm (*Trichostrongylus tenuis*) on the population dynamics of Red Grouse. World Pheasant Association Journal 12:11-21.

Hudson, P. J., and D. Newborn. 1986. Grouse, parasites and priorities for management. Game Conservancy Annual Review 1986:121-128.

Hudson, P. J., and D. Newborn. 1995. A manual of Red Grouse and moorland management. Game Conservancy Trust. Fordingbridge, England. 169pp.

Hudson, P., D. Newborn, and F. Booth. 1992. The control of the trichostrongyle worm in Red Grouse. Game Conservancy Review 24:125-127.

Hudson, P. J., D. Newborn, and A. P. Dobson. 1992. Regulation and stability of a free-living host – parasite system: *Trichostrongylus tenuis* in Red Grouse. I. Monitoring and parasite reduction experiments. Journal of Animal Ecology 61:477-486.

Hudson, P. J., D. Newborn, and P. A. Robertson. 1997. Geographical and seasonal patterns of mortality in Red Grouse *Lagopus lagopus scoticus* populations. Wildlife Biology 3:79-87.

Hudson, P. J., R. Norman, M. K. Laurenson, D. Newborn, M. Gaunt, H. Reid, E. Gould, R. Bowers, and A. P. Dobson. 1995. Persistence and transmission of tick-borne viruses: *Ixodes ricinus* and looping-ill virus in Red Grouse populations. Parasitology 111:S49-58.

Hudson, P. J., S. M. Redpath, and P. Migot. 1993. [Predation on the Scottish Willow Grouse *Lagopus lagopus* and predator limitations.] [Records of the colloquium: predation and management of predators, 1st and 2 December 1992,

Dourdan/France.] Actes du colloque: predation et gestion des predateurs, 1er et 2 Decembre 1992, Dourdan/France. Pages: 81-84.

Hudson, P. J., and J. Renton. 1988. What influences changes in grouse numbers? Game Conservancy Annual Review 1987:127-131.

Hudson, P. J., J. Renton, and G. Dalby. 1988. Red grouse homing for 35 kilometres. Scottish Birds 15:90-91.

Hudson, P. J., A. Rizzoli, R. Rosa, C. Chemini, L. D. Jones, and E. A. Gould. 2001. Tick-borne encephalitis virus in northern Italy: molecular analysis, relationships with density and seasonal dynamics of *Ixodes ricinus*. Medical and Veterinary Entomology 15:304-313.

Hudson, P. J., and A. Watson. 1985. The Red Grouse. Biologist 32(1):13-18.

Hurley, M. M. 2000. Natal dispersal behavior and survival of Scottish Red Grouse *Lagopus lagopus scoticus*. Ph. D. Dissertation, University of Princeton.

Huxter, D. S. 1964. Summer habitat of Willow Ptarmigan in southeastern Newfoundland. M. Sc. Thesis. Acadia University. 86pp.

Imura, T., Y. Sako, H. Ejiri, A. Tamada, H. Isawa, K. Sawabe, S. Omori, K. Murata, and M. Yukawa. 2010. Molecular identification of blood source animals from black flies (Diptera: Simuliidae) collected in the alpine regions of Japan. Parasitology Research 106:543-547. (Japanese Rock Ptarmigan).

Ingold, P., B. Huber, P. Neuhaus, B. Mainini, H. Marbacher, R. Schnidrig-Petrig, and R. Zeller. 1993. Tourism and sport in the alps – a serious problem for wildlife? Revue Suisse De Zoologie 100:529-545. (Rock Ptarmigan).

Irving, L. G. C. West, and L. J. Peyton. 1967. Winter feeding program of Alaska Willow Ptarmigan shown by crop contents. Condor 69:69-77.

Irving, L., G. C. West, L. J. Peyton, and S. Paneak. 1967. Migration of Willow Ptarmigan in Arctic Alaska. Arctic 20:77-85.

Isaev, P. A., and Z. Z. Borizov. 2008. [The Rock Ptarmigan (*Lagopus mutus*) in the central Verkhoyansk Ridge.] Zoologichesky Zhurnal 87:1077-1083. (in Russian).

Ishihara, S., T. Shibashi, Y. Sato, K. Murata, and. S. Nogami. 2006. Two *Eimeria* species isolated from wild Japanese Rock Ptarmigans (*Lagopus mutus japonicus*) in Japan. Journal of Veterinary Medical Science 68:991-993.

Isomursu, M. P. Helle, and O. Ratti. 2004. Intestinal helminths in Finnish grouse.

Soumen Riista 50:90-100. (In Finnish with English abstract)

Ivanovski, V. V., and V. T. Kovalionak. 2002. [On the nesting Willow Grouse (*Lagopus lagopus rossicus*) in Belarus.] Subbuteo 5:47-48. (in Russian with English summary).

Jacobi, A. 1918. Die Schutzfärbung der Schneehühner. [The protective coloring of the ptarmigan.] Naturwissenschaften 6:189-192. (in German).

Jacobsen, E. E. Jr., C. M. White, and W. B. Emison. 1983. Molting adaptations of Rock Ptarmigan on Amchitka Island, Alaska. Condor 85:420-426.

Janossy, D. 1975. Some new data on faunistical exchanges through the Bering-Bridge. Aquila 80-81:87-89. (Ruffed Grouse, Hazel Grouse, American Spruce Grouse, Siberian Spruce Grouse, Willow Ptarmigan, Rock Ptarmigan).

Jenkins, D. 1958. Enquiry into the decline of Red Grouse. 76pp.

Jenkins, D. 1963. Population control in Red Grouse (*Lagopus lagopus scoticus*). Proceedings of the XII International Ornithological Congress 12:690-700.

Jenkins, D., and A. Watson. 1962. Fluctuations in a Red Grouse (*Lagopus scoticus*) population 1956-59. Pp96-117 *in* E. D. LeCren and M. Holdgate, eds. The exploitation of natural animal populations. Blackwell Scientific Publications, Oxford. 399pp.

Jenkins, D., and A. Watson. 1970. Population studies on Red Grouse, *Lagopus lagopus scoticus*. Transactions of the 7th. International Congress of the Union Game Biologists 7:121-141.

Jenkins, D., and A. Watson. 2001. Bird numbers in relation to grazing on a grouse moor from 1957-61 to 1988-98. Bird Study 48:18-22.

Jenkins, D., A. Watson, and G. R. Miller. 1963. Population studies on Red Grouse, *Lagopus lagopus scoticus* (Lath.) in northeast Scotland. Journal of Animal Ecology 32:317-376.

Jenkins, D., A. Watson, and G. R. Miller. 1964. Predation and Red Grouse populations. Journal of Applied Ecology 1:183-195

Jenkins, D., A. Watson, and G. R. Miller. 1967. Population fluctuations in the Red Grouse *Lagopus Lagopus scoticus*. Journal of Animal Ecology 36:97-122.

Jenkins, D., A. Watson, and G. R. Miller. 1970. Practical results of research for management of Red Grouse. Biological Conservation 2:266-272.

Jenkins, D., A. Watson, and N. Picozzi. 1965. Red Grouse chick survival in captivity and in the wild. Trans. International Congr. Game Biol. 6:63-70.

Jensen, L., and R. A. Ryder. 1965. Breeding behavior of the White-tailed Ptarmigan near Aspen, Colorado. Journal of the Colorado-Wyoming Academy of Science 5:52-53.

Johnsen, R., Y. Espmark, H. C. Pedersen, and J. B. Steen. 1991. Characteristics of territorial and mating calls in Willow Ptarmigan *Lagopus l. lagopus*. Bioacoustics 3:17-31.

Johnsen, S. 1929. Drakskiftet hos lirypen (*Lagopus lagopus* Lin.) in Norge. [The changes of plumage in the Willow Grouse (*Lagopus lagopus* Lin.) in Norway.] Bergens Mus. Aarb. 1929:1-84. (in Norwegian with English summary).

Johnsen, S. 1941. Remarks on the Svalbard Ptarmigan. Bergens Museums Arbok, Naturvitenskapelig rekke 8:1-30.

Johnson, R. E. 1968. Temperature regulation in the White-tailed Ptarmigan, *Lagopus leucurus*. M. Sc. Thesis. University of Montana.

Johnson, R. E. 1968. Temperature regulation in the White-tailed Ptarmigan, *Lagopus leucurus*. Comparative Biochemistry and Physiology 24:1003-1014.

Johnson, R. E., and J. R. Lockner. 1968. Heart size and altitude in ptarmigan. Condor 70:185.

Johnson, S. 1929. Draktskiftet hos lirypen (*Lagopus lagopus* Lin.) i Norge. Bergens Museum Arbok. 84pp. (in Swedish).

Jordana, I. A., M. Aniz Montes, and O. Arribas Castro. 2006. El Lagopoda Alpino (*Lagopus muta pyrenaica*)en el Parque Nacional de Aiguestortes I Estany de Sant Mauric. [The Rock Ptarmigan (*Lagopus muta pyrenaica*) in the National Park of Aiguestortes I Estany of Sant Mauric.] 175pp. (in Spanish).

Jorgenson, E., and A. S. Blix. 1985. Effect sof climate and nutrition on growth and survival of Willow Ptarmigan chicks. Ornis Scand. 16:99-107.

Jorgenson, E., and A. S. Blix. 1988. Energy conservation by restricted body cooling in cold-exposed Willow Ptarmigan chicks? Ornis Scandinavica 19:17-20.

Kalas, J. A., and S. Lierhagen. 2003. [Terrestrial monitoring of ecosystems. Heavy metals and trace elements in Willow Grouse and Black Grouse liver in Norway, 2000-2001.] NINA Oppdragsmelding 782, 41pp. (in Norwegian with English summary).

Kalas, J. A., H. C. Pedersen, S. Lierhagen, and I. Myklebust. 1991. High levels of cadmium in Norwegian Willow Ptarmigan. Heavy Metals in the Environment 1:212-215.

Kalas, J. A., T. H. Ringsby, and S. Lierhagen. 1995. Metals and selenium in wild animals from Norwegian areas close to Russian nickel smelters. Environmental Monitoring and Assessment 36:251-270.

Kaler, R. S. A. 2007. Demography, habitat use and movements of a recently reintroduced island population of Evermann's Rock Ptarmigan. M. Sc. Thesis. Kansas State University. 77pp.

Kaler, R. S. A., S. E. Ebbert, C. E. Braun, and B. K. Sandercock. 2010. Demography of a reintroduced population of Evermann's Rock Ptarmigan in the Aleutian Islands. Wilson Journal of Ornithology 122:1-14.

Kaler, R. S. A., and L. A. Kenney. 2008. Evermann's Rock Ptarmigan surveys at Agattu Island, Alaska, 8-28 June 2008. U.S. Fish and Wildlife Service, Report AMNWR 08/11. 10pp.

Kaltenborn, B. P., and O. Andersen. 2009. Habitat preferences of ptarmigan hunters in Norway. European Journal of Wildlife Research 55:407-413.

Kamimura, K., and H. Kodama. 1981. *Eimeria uekii* new species from *Lagopus mutus japonicus* in Mount Tateyama The Japan Alps. Japanese Journal of Parasitology 30:467-470.

Karasawa, Y., C. Sakiyama, N. Miyano, K. Hirabayashi, and H. Danbara. 1989. [The utilization of artificial diets containing various levels of cellulose by Ptarmigans *Lagopus mutus japonicus*.] Japanese Poultry Science 26:35-42. (in Japanese).

Karasawa, Y., S. Shimizu, N. Miyano, and K. Hirabayashi. 1990. [The utilization of diets containing oak leaf and-or grass meal by Ptarmigans *Lagopus mutus japonicus*.] Japanese Poultry Science 27:52-58. (in Japanese with English summary).

Karasawa, Y., S. Shimizu, N. Miyano, and K. Hirabayashi. 1991. [The utilization of iets containing oak leaf and-or grass meal by young and adult Ptarmigans *agopus mutus japonicus*.] Japanese Poultry Science 28:26-32. (in Japanese with English summary).

Kastdalen, L., H. C. Pedersen, G. Fjone, and H. P. Andreassen. 2003. Combining resource selection functions and distance sampling: an example with Willow Ptarmigan. Proceedings of 1st International Conference on Resource Selection by Animals. 1-3 January 2003, Laramie, Wyoming.

Kelso, L. 1934. Lid and Meidell on the food of ptarmigan chicks. Auk 51:549-550.

Kelso, L. 1935. Lid on food of Taimyr Ptarmigans. Auk 52:116.

Kerlin, D. H., D. T. Haydon, D. Miller, N. J. Aebischer, A. A. Smith, and S. J. Thirgood. 2007. Spatial synchrony in Red Grouse population dynamics. Oikos 116:2007-2016.

Kerlin, D. H., S. J. Thirgood, D. R. Miller, N. J. Aebischer, A. A. Smith, and D. T. Haydon. 2010. State-dependent dynamics of cycles in Red Grouse abundance. Ecography 33:896-905.

Kirby, A. D. 2003. Invertebrate interactions with Red Grouse (*Lagopus lagopus scoticus*). Ph. D. Dissertation. University of Stirling.

Kirby, A. D., and A. A. Smith. 2005. Evidence of re-nesting after brood loss in Red Grouse *Lagopus lagopus scoticus*. Ibis 147:221.

Kirby, A. D., A. A. Smith, T. G. Benton, and P. J. Hudson. 2004. Rising burden of immature sheep ticks (Ixodes ricnus) on Red Grouse (*Lagopus lagopus scoticus*) chicks in the Scottish uplands. Medical and Veterininary Entomology 18:67-70.

Kirk, C. 1913. Hybrid Capercaillie-Black-Cock in Argyll. Scottish Nature 1913:68-69.

Kistchinski, A. A., Kh. A. Mikhelson, and Ya. A. Viksne. 1982. Movements of Galliformes. Willow grouse, *Lagopus lagopus*. Pp. 196-198 In: Migrations of birds of eastern Europe and northern Asia. Falconiformes-Gruiformes.

Kjos-Hanssen, B., and J. S. Rennesund. 1981. Cesium 137 i kjøtt fra reinsdyr og ryper på Svalbard 1980. [Caesium 137 in meat from reindeer and grouse from Svalbard 1980.] Nordisk veterinaermedicin 33:371-373. (in Norwegian).

Klandorf, H., K. A. Stokkan, and P. J. Sharp. 1982. Plasma thyroxine and triiodothyronine levels during the development of photorefractoriness in Willow Ptarmigan (*Lagopus lagopus lagopus*) exposed to different photoperiods. General Comparative Endocrinology 47:64-69.

Klausen, K. B., A. O. Pedersen, N. G. Yoccoz, and R. A. Ims. 2010. Prevalence of nest predators in a sub-Arctic ecosystem. European Journal of Wildlife Research 56:221-232. (Willow Ptarmigan).

Klein, E. 1892. The etiology and pathology of grouse disease, fowl enteritis, and some other diseases affecting birds. Macmilland and Co., London and New York. 171pp. (Red Grouse).

Kleinschmidt, O. 1919. Die Farbungen des schottischen Moorhuhns. [The color of the Scottish moorland chicken.] Falco Halle 15:2-4. (in German).

Kloster, R. 1925. Russiske ryper og Norske ryper. [Russian ptarmigan and Norwegian ptarmigan.] Bergens Jaeger og Fisker Forening Rypeundersokelser 1921-27. (in Norwegian).

Koh, K., Y. Karasawa, and N. Miyano. 1997. [Effects of different particle sizes of oak leaf meal in diet on feed utilization and cecal fermentation in Japanese Ptarmigan (*Lagopus mutus japonicus*).] Journal of the Faculty of Agriculture - Shinshu University 34:11-18. (in Japanese with English summary).

Kolb, H. H. 1971. Development and aggressive behaviour of Red Grouse (*L. lagopus scoticus* Lath.) in captivity. Ph. D. Dissertation. Aberdeen University.

Kolderup, C. F. 1923. Stenindholdet i kraasen hos norske liryper. [Grits in the gizzards of Norwegian Willow Grouse.]. Bergens Museums Aarbok. (in Norwegian).

Korhonen, K. 1980. Micro climate in the snow burrows of Willow Grouse *Lagopus lagopus*. Annales Zoologica Fennici 17:5-10.

Korhonen, K. 1987. The effect of short-term fasting on certain blood parameters and on glycogen storage in pectoral muscles of Willow Grouse (*Lagopus l. lagopus* L.). Comparative Biochemistry and Physiology Part A: Physiology 88:677-682.

Korhonen, K. 1989. Heat loss of Willow Grouse *Lagopus lagopus* L. in a snowy environment. Journal of Thermal Biology 14:27-32.

Korhonen, K. 1991. Heat flux density on egg surface and incubation rhythm of Willow Grouse *Lagopus Lagopus* L. Journal of Thermal Biology 16:65-70.

Kratzig, H. 1940. Untersuchungen zur Lebensweise des Moorschneehuhns (*Lagopus l. lagopus* L.) während der Jugendentwicklung. [Investigations for the way of life of the moorland snow chicken (*Lagopus l. lagopus* L.) during the youth development. Journal of Ornithology 88:139-165. (in German).

Krebs, J. R., and R. M. May. 1990. Conservation biology: the moorlands owners' grouse. Nature 343:310-311.

Kristofferson, S. 1937. Undersokelser over lirypens forplantningsforhold. [Studies of the breeding biology of the Willow Grouse.] Nytt Magasin for Naturvidenskapene 77:133-186. (in Norwegian).

Kristofferson, S. 1964. A banding study of migration, age and hunting mortality among Willow Grouse on Karlsoy, North Norway. Meddel. Fra Stat. Viltunders. 2(18):1-16.

Kuc., M. 1964. A botanical analysis of excrements of the Northern Ptarmigan (*Lagopus mutus hyperboreus* Sundevall) from Hornsund (SW Spitsbergen). Ekologia

Polska, Ser. A 12:395-399.

Kunzl, M. 2008. Zeit-Zyklische Aspekte in der Habitatmodellierung - Eine Methodische Annäherung am Beispiel des Alpenschneehuhns im Nationalpark Berchtesgaden. [Time-cyclic aspects in the habitat modeling - A methodical approach in the example of the Rock Ptarmigan in the Berchtesgaden National Park.] GIS-Zeitschrift fur Geoinformatik 2:4-11. (in German with English summary).

Kuz'mina, M. A. 1992. Tetraonidae and phasianidae of the USSR. Translated by P. M. Rao and D. Siegel-Causey. Smithsonian Institution Libraries and The National Science Foundation, Washington, DC.

Kvasnes, M. A. J., T. Storaas, H. C. Pedersen, S. Bjork, and E. B. Nilsen. 2010. Spatial dynamics of Norwegian tetraonid populations. Ecological Research 25:367-374. (Black Grouse, Capercaillie, Willow Ptarmigan, Rock Ptarmigan).

Laasko, A., and A.-L. Sippola. 2003. Riekonpyytäjät. Arktisen keskuksen tiedotteita 39. (in Finnish).

Lambin, X., C. J. Krebs, R. Moss, N. C. Stenseth, and N. G. Yoccoz. 1999. Population cycles and parasitism. Science 286:2425.

Lampila, P., E. Ranta, M. Monkkonen, H. Linden, and P. Helle. 2011. Grouse dynamics and harvesting in Kainuu, northeastern Finland. Oikos XXX:XXX-XXX (online early). (Capercaillie, Black Grouse, Hazel Grouse, Willow Grouse).

Lance, A.N. 1974. Releases of pen-reared Red Grouse (*Lagopus l. scoticus*) to restock breeding populations in Ireland. Proceedings of the International Congress of Game Biologists 11:225-229.

Lance, A. N. 1975. Egg production and chick development in a marginal Red Grouse population. Proceedings Congress of the International Union of Game Biologists 12(3):1-10.

Lance, A. N. 1978. Survival and recruitment success on individual young cock Red Grouse *Lagopus l. scoticus* tracked by radio-telemetry. Ibis 120:369-378.

Lance, A. N. 1978. Territories and the food plant of individual Red Grouse: II. Territory size compared with an index of nutrient supply in heather. Journal of Animal Ecology 47:307-313.

Lance, A. N. 1983. Selection of feeding sites by hen Red Grouse *Lagopus lagopus scoticus* during breeding. Ornis Scandinavica 14:78-80.

Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The

Royal Society for the Protection of Birds. 99pp.

Lance, A. N., and G. Mahon. 1975. Foods of marginal Red Grouse population in western Ireland. Journal of Wildlife Management. 39:183-187.

Lance, A. N., and J. Phillips. 1975. Responses of Red Grouse to serial heather-burning in eastern Ireland. Congress of the International Union of Game Biologists 12(3):1-9.

Lance, A. N., and A. Watson. 1977. Further tests of radio-marking on Red Grouse. Journal of Wildlife Management 41:579-582.

Lance, A. N., and A. Watson. 1979. Some strengths and limitations of radio-telemetry for research on grouse. Pp. 112-114 In: Woodland Grouse Symposium, Inverness, Scotland. December 4th - 8th, 1978.

Lande, U. S. 2011. Grouse – habitat relationships: monitoring, scale, and management. Ph. D. Dissertation. Swedish University of Agricultural Sciences. 46pp. (Capercaillie, Black Grouse, Willow Ptarmigan).

Larison, J. R. 2001. Cadmium-induced calcium stress in natural populations of White-tailed Ptarmigan in Colorado. Ph. D. Dissertation. Cornell University.

Larison, J. R. 2002. Effects of cadmium on White-tailed Ptarmigan in Colorado. Unpublished report to Utah Division of Oil, Gas, and Mining. 10pp.

Larison, J. R., J. G. Crock, and C. M. Snow. 2001. Timing of mineral sequestration in leg bones of White-tailed Ptarmigan. Auk 118:1057-1062.

Larison, J. R., G. E. Likens, J. W. Fitzpatrick, and J. G. Crock. 2000. Cadmium toxicity among wildlife in the Colorado Rocky Mountains. Nature 406:181-183.

Laroulandie, V. 1998. Études archéozoologique et taphonomique des lagopèdes des saules de la Grotte magdalénienne des Églises (Ariège). [Taphonomical and archaeozoological studies of the Willow Grouse from the Magdalenian Grotte des Églises (Ariège, France).] Anthropozoologica 28:45-54. (in French with English summary).

Laroulandie, V. 2005. Bird exploitation pattern: the case of Ptarmigan *Lagopus* sp. in the Upper Magdalenian site of La Vache (Ariege, France). Pp. 165-178 *In*: G. Grupe, J. Peters (Eds.), Feathers, grit and symbolism. Birds and humans in the ancient Old and New Worlds. Proceedings of the 5th Meeting of the ICAZ Bird Working Group, Munich, 26-28 July 2004. (Documenta Archaeobiologiae 3)

Laub, M. 1975. The first breeding of Red Grouse in America. Game Bird Breeders Gazette 24(10-11):16-17, 26-28.

Laurenson, M. K., P. J. Hudson, K. McGuire, S. J. Thirgood, and H. W. Reid. 1997. Efficacy of acaricidal tags and pour-on as prophylaxis against ticks and louping-ill in Red Grouse. Medical and Veterinary Entomology 11:389-393.

Laurenson, M. K., R. A. Norman, L. Gilbert, H. W. Reid, and P. J. Hudson. 2003. Identifying disease reservoirs in complex systems: mountain hares as reservoirs of ticks and louping-ill virus, pathogens of Red Grouse. Journal of Animal Ecology 72:177-185.

Laurenson, M. K., R. A. Norman, L. Gilbert, H. W. Reid, and P. J. Hudson. 2004. Mountain hares, louping-ill, Red Grouse and harvesting: complex interactions but few data. Journal of Animal Ecology 73:811-813.

Lawton, J. H. 1990. Red Grouse populations & moorland management. British Ecological Society, Shrewsbury. 36pp.

Lebreton, P., and I. Girard. 2006. Étude écologique des galliformes de montagne : Compléments méthodologiques. [Complements on the sampling and the effects of exposition concerning Galliform birds studied in Vanoise.] Travaux scientifiques du Parc national de la Vanoise 23:147-158. (in French with English summary). (Rock Ptarmigan, Hazel Grouse, Black Grouse).

Lee, L. 1967. White-tailed Ptarmigan. Pp. 129-130 *In* New Mexico wildlife management. New Mexico Department of Game and Fish. 250pp.

Lees, J., R. Nudds, K.-A. Stokkan, L. Folkow, and J. Codd. 2010. Reduced metabolic cost of locomotion in Svalbard Rock Ptarmigan (*Lagopus muta hyperborea*) during winter. PLoS ONE 5(11):e15490. 8pp.

Leslie, A. S., and A. E. Shipley (eds.). 1912. The grouse in health and disease. Smith Elder and Co., London, UK. 468pp.

Letov, G. S., and K. A. Bashanov. 1976. [The distribution and abundance of grouse in the Tuva-ASSR.] Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii. 81:51-54. (in Russian with English summary).

Lewis, E. 1901. A ptarmigan's nest. Bird Lore 3:186, 209.

Lewis, E. 1904. The nesting habits of the White-tailed Ptarmigan in Colorado. Bird Lore 6:117-121.

Lewis, J. 1991. Red Grouse in Gwent. Gwent Bird Report 1991:16-17.

Lid, J., and O. Meidell. 1933. The food of Norwegian grouse chicks. Nyt Magazin for Naturvidenskaberne 73:75-114.

Lien, L. 1975. The endoparasites of Willow Grouse. Fauna 28:216-221.

Lieser, M. 1996. A summer with Rock Ptarmigan in NE Greenland. Grouse News 12:15-17.

Lieser, M., and M. Zakrzewski. 2005. Notizen zur Fortpflanzungsbiologie des Alpenschneehuhns *Lagopus mutus* in Gronland. (Notes on the reproductive biology of Ptarmigan (*Lagopus mutus*) in Greenland). Ornithologischer Anzeiger 44:25-29. (in German with English abstract).

Lieser, M., and M. Zakrzewski. 2005. Raumnutzung and vergesellschaftung von Alpenschneehuhnern *Lagopus mutus* im gronlandischen sommer. (Spacing and social behaviour of the Ptarmigan *Lagopus mutus* during the Greenland summer). Vogelwarte 43:111-121. (in German with English abstract).

Lieser, M., M. Zakrzewski, and B. Sittler. 1997. Zur Okologie von Alpenschneehuhnern *Lagopus mutus* im Sommer auf der Insel Traill, Nordost-Gronland. [Summer ecology of ptarmigan *Lagopus mutus* on Traill Island, NE Greenland.] Ornithologische Beobachter 94:225-232. (in German with English summary).

Lillevik, R. 2001. Himmelfuglen: fjellrype of fjellrypejakt. [Heaven birds: Rock Ptarmigan and Willow Ptarmigan. Oslo, Landbruksforlaget 206pp. (in Norwegian).

Lindberget, M. 2009. Användande av avskjutningsstatistik i Förvaltning Påverkar tidigare jakt CPUE? [Using Bag Statistics as a Management Tool: Does previous harvest affect CPUE?] Examensarbete i ämnet biologi. Swedish University of Agricultural Sciences. 24pp.

Linden, H. 1981. Changes in Finnish tetraonid populations and some factors influencing mortality. Finnish Game Research 39:3-12.

Linden, H. 1981. Hunting and tetraonid populations in Finland. Finnish Game Research 39:69-78.

Linden, H. 1989. Characteristics of Tetraonid cycles in Finland. Finnish Game Research 46:34-42.

Linden, H. 1991. Patterns of grouse shooting in Finland. Ornis Scandinavica 22:241-244.

Linden, H., and P. Rajala. 1981. Fluctuations and long-term trends in the relative densities of tetraonid populations in Finland 1964-1977. Finnish Game Research 39:13-34.

Lindén, H., and M. Wikman. 1980. Kanahaukan poikuekoon vaihtelusta suhteessa

metsakanalintujen runsauteen. [Brood size of the goshawk in relation to tetraonid densities.] Suomen Riista 27:63-69. (in Finnish)

Lindén, H., M. Wikman, and E. Helle E. 1989. Metsakanalintukannat 1988 – riistakolmioiden ja reittiarviointien vertailu. [Tetraonid populations in Finland in 1988 : A comparison between the route censuses and the wildlife triangles.] Suomen Riista 35:36-42. (in Finnish).

Lindgård, K. 1996. Body mass regulation and responses to food deprivation in Svalbard ptarmigan. Ph. D. Thesis, University of Tromsø, Tromsø, Norway.

Lindgard, K., and K. A. Stokkan. 1989. Daylength control of food intake and body weight in Svalbard Ptarmigan *Lagopus mutus hyperboreus*. Ornis Scandinavica 20:176-180.

Lindgard, K, K. A. Stokkan, Y. Le Maho, and R. Groscolas. 1992. Protein utilization during starvation in fat and lean Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). Journal of Comparative Physiology B. 162:607-613.

Lindgard, K., K. A. Stokkan, and S. Naslund. 1995. Annual changes in body mass in captive Svalbard Ptarmigan: role of changes in locomotor activity and food intake. Journal of Comparative Physiology B: Biochemistry, Systems, Environmental Physiology 165:445-449.

Lipparina, G., and O. Negra. 2008. Non sparate sul bianco: la pernice bianca, tra problemi di conservazione e prelievo venatorio. [Do not shoot at the ptarmigan – problems of conservation and hunting prohibition.] Natura Alpina 59:33-44. (in Italian).

Lislevand, T. and G. K. Storbraten. 1999. Two ptarmigan hens nesting close to each other. Ornis Norvegica 22:63.

Litun, V. I., and V. N. Smetanin. 1988. [Distribution, abundance and other aspects of the ecology of Galliformes in the southern preBaikal region.] Pp. 44-53 *IN*: [Ecology and behaviour of birds.] Nauka, Moskva. (in Russian) (Hazel Grouse, Rock Ptarmigan, Black Grouse, Siberian Capercaillie).

Lloyd, L. 1867. The game birds and wild fowl of Sweden and Norway. F. Warne & Co. 599pp.

Lock, K. A. 2003. Kinship and Red Grouse: the dynamics and behaviour of a declining population. Ph. D. Dissertation. University of Aberdeen.

Loe, L. E., A. Mysterud, A. Stien, H. Steen, D. M. Evans, and G. Austrheim. 2007. Positive short-term effects of sheep grazing on the alpine avifauna. Biology Letters 3:109-111.

Lonnberg, E. 1904. Habits of the Willow Grouse. Zoologist. 1904:430-431.

Lonnberg, E. 1904. On two specimens of "Riporre" with known parentage. Proceedings of the Zoological Society of London 74:411-415**.** (Black Grouse, Willow Ptarmigan).

Lorenz, T. 1904. *Lagopus albus* (L.) nov. subsp. m*aior*. Ornithologisches Monatsberichte 12:177-178.

Lovat, S. J. F. (ed.) 1911. The grouse in health and disease. 2 vols. Smith and Elder & Co., London.

Lovel, T. 2005. Hunting grouse in Great Britain. Grouse News 29:11-12.

Lumsden, H. G. 1969. A hybrid grouse, *Lagopus* x *Canachites*, from northern Ontario. Canadian Field-Naturalist 83:23-30.

Lund-Tangen, H. I. 1973. Willow Grouse Black Grouse hybrid shot in Meraeker. Fauna (Oslo) 26:144.

Lyon, B., and R. Montgomerie. 2004. Dirty little secrets: "dress for success" is the key to the mating, game among Arctic ptarmigan. Natural History 113(5):18-22.

MacColl, A. D. C. 1998. Factors affecting recruitment in Red Grouse. Ph. D. Dissertation. University of Aberdeen.

MacColl, A. D. C., S. B. Piertney, R. Moss, and X. Lambin. 2000. Spatial arrangement of kin affects recruitment success in young male Red Grouse. Oikos 90:261-270.

MacDonald, D. G. F. 1883. Grouse disease: its causes and remedies. W. H. Allen & Co., London. 229pp.

MacDonald, S. D. 1970. The breeding behavior of the Rock Ptarmigan. Living Bird 9:195-238.

Macintyre, D. 2006. Round the Seasons on a Grouse Moor and Grouse Shooting - With Additional Chapters On Grouse Disease And Vermin And Grouse Shooting. (reprint of 1925 edition). Read Country Books. 92pp.

MacKenzie, J. M. D. 1952. Fluctuations in the numbers of British Tetraonids. Journal of Animal Ecology 21:128-153.

Macpherson, H. A. 1893. *Lagopus mutus* in Cumberland. Zoologist 1893:97-99.

Macpherson, H. A. 1895. The Grouse: Natural History. Longmans, Green, and Co., London. 293pp.

Macpherson, H. A. 1897. On the interbreeding of the Red Grouse (*Lagopus scoticus*) and the Black Grouse (*Lyrurus tetrix*). Annals of Scottish Natural History 1897:15-17.

Magnusson, K. G., J. Brynjarsdottir, and O. K. Nielsen. 2004. Population cycles in Rock Ptarmigan *Lagopus muta*: modelling and parameter estimation. RH-19-2004.

Mahrt, J. L. 1981. Seasonal prevalence of hematozoa in Willow Ptarmigan (*Lagopus lagopus)* from northwestern British Columbia. Journal of Parasitology 67:277-278.

Makivik Corporation. 1998. Willow Ptarmigan in captivity: feasibility study. Nunavik Research Centre, Kuujjuang, Quebec. 5pp.

Malcom, G., and A. Maxwell. 1910. Grouse and grouse moors.

Marchand, P. J. 1999. Savings in a snowbank: ptarmigan use snow cover to conserve body heat in winter. Natural History 108 (10):16-17.

Marcstrom, V., and N. H. Hoglund. 1981. Factors affecting reproduction of Willow Grouse (*Lagopus lagopus*) in two highland areas of Sweden. Viltrevy 11:285-314.

Marquiss, M. 1977. The effects of post-hatching nutrition on the behaviour of Red Grouse in Captivity. Ph. D. Dissertation. University of Aberdeen.

Marti, C., and A. Bossert. 1985. Beobachtungen zur Sommerkativitat und Brutbiologie des Alpenscheehuhns *Lagopus mutus* im Alteschgebiet (Wallis). [Observations of the summer habitat and breeding biology of the Rock Ptarmigan *Lagopus mutus* in the Alteschgebiet (Wallis).] Ornithologischer Beobachter 82:153-168. (in German).

Martin, K. 1984. Intraspecific nest parasitism in Willow Ptarmigan. Journal of Field Ornithology 55:250-251.

Martin, K. 1984. Reproductive defense priorities of male Willow Ptarmigan (*Lagopus lagopus*): enhancing mate survival or extending paternity options? Behavioral Ecology and Sociobiology 16:57-63.

Martin, K. M. 1985. The utility of bi-parental care in Willow Ptarmigan: ecological and evolutionary considerations. Ph. D. Dissertation. Queen's University at Kingston.

Martin, K. 1985. Herring gulls prey upon female Willow Ptarmigan. Canadian Journal of Zoology 63:984-985.

Martin, K. 1987. Grouse and spouse. Natural History 2/87 pp.62-69

Martin, K. 1989. Pairing and adoption of offspring by replacement male Willow Ptarmigan: behaviour, costs and consequences. Animal Behaviour 37:569-578.

Martin, K. 1991. Experimental evaluation of age, body size, and experience in determining territory ownership in Willow Ptarmigan. Canadian Journal of Zoology 69:1834-1841.

Martin, K. 1995. Patterns and mechanisms for age-dependent reproduction and survival in birds. American Zoologist 35:340-348.

Martin, K. 2001. Wildlife in alpine and subalpine habitats. pp. 239-260, Chapter 9 *In*: Johnson, D.H. and T.A. O'Neil. 2001. Wildlife-habitat relationships in Oregon and Washington. Oregon State University Press, Corvallis.

Martin, K., G. A. Brown, and J. R. Young. 2004. The historic and current distribution of the Vancouver Island White-tailed Ptarmigan (*Lagopus leucurus saxatilis*). Journal of Field Ornithology 75:239-256.

Martin, K., and M. L. Commons. 1997. Vancouver Island White-tailed Ptarmigan inventory project: progress report. 1997 summer surveys. Centre for Alpine Studies, Forest Sciences, University of British Columbia Report WTPVI-3. 21pp.

Martin, K., and F. Cooke. 1987. Bi-parental care in Willow Ptarmigan: a luxury? Animal Behavior 35:369-379.

Martin, K., C. Doyle, S. J. Hannon, and F. Mueller. 2001. Forest grouse and ptarmigan. Chapter 11, pages 240-260 *In* C.J. Krebs, S. Boutin and R. Boonstra (eds.). Ecosystem Dynamics of the Boreal Forest: The Kluane Project. Oxford University Press. (Spruce Grouse, Ruffed Grouse, Willow Ptarmigan, Rock Ptarmigan, White-tailed Ptarmigan).

Martin, K., and L. Elliot. 1996. Vancouver Island White-tailed Ptarmigan inventory progress report (1995-1996). Centre for Alpine Studies , University of British Columbia. Report WTPVI-1.

Martin, K., and L. Forbes 2001. Vancouver Island White-tailed Ptarmigan: Species information. British Columbia Ministry of Environment, Lands, and Parks. 10 pp.

Martin, K. and S. J. Hannon. 1987. Natal philopatry and recruitment of Willow Ptarmigan in north central and northwestern Canada. Oecologia 71:518-524.

Martin, K., and S. J. Hannon. 1988. Early pair and extra-pair copulations in Willow

Ptarmigan. Condor 90:245-246.

Martin, K., S. J. Hannon, and S. Lord. 1990. Female-female aggression in White-tailed Ptarmigan and Willow Ptarmigan during the preincubation period. Wilson Bulletin 102:532-536.

Martin, K., S. J. Hannon, and R. F. Rockwell. 1989. Clutch size variation and patterns of attrition in fecundity in Willow Ptarmigan. Ecology 70:1788-1799.

Martin, K., and D. Hik. 1992. Willow Ptarmigan chicks consume moss sporophyte capsules. Journal of Field Ornithology 63:355-358.

Martin, K., and C. Hitchcock. 1997. Vancouver Island White-tailed Ptarmigan inventory: progress report, May 1997. Winter survey and GIS work. Centre for Alpine Studies, University of British Columbia. Report WTPVI-2.

Martin, K., R. F. Holt, and D. W. Thomas. 1993. Getting by on high: ecological energetics of arctic and alpine grouse. Pp. 33-41 *in* Life in the cold III: ecological, physiological, and molecular mechanisms (C. Carey, G. L. Flrant, B. A. Wunder, and B. Horwitz, Eds.). Westview Press, Boulder, CO.

Martin, K., and A. G. Horn. 1993. Clutch defense by male and female Willow Ptarmigan *Lagopus lagopus*. Ornis Scandinavia 24:261-266.

Martin, K., A. G. Horn, and S. J. Hannon. 1995. The calls and associated behavior of breeding Willow Ptarmigan in Canada. Wilson Bulletin 107:496-509.

Martin, K., P. B. Stacey, and C. E. Braun. 1997. Demographic rescue and maintenance of population stability in grouse – beyond metapopulations. Wildlife Biology 3:295-296. Abstract only.

Martin, K., P. B. Stacey, and C. E. Braun. 2000. Recruitment, dispersal, and demographic rescue in spatially-structured White-tailed Ptarmigan populations. Condor 102:503-516.

Martin, K., and K. L. Wiebe. 2004. Coping mechanisms of Alpine and Arctic breeding birds: extreme weather and limitations to reproductive resilience. Integr. Comp. Biol. 44:177-185.

Martin, K., and K. L. Wiebe. 2006. Impacts of extreme weather events on alpine birds. Acta Zoologica Sinica 52(suppl.):162-164.

Martin, K., and C. A. Wright. 1993. Estradiol cypionate (ECP) markedly improves survival of Willow Ptarmigan in Captivity. Condor 95:211-217.

Martinez, C. 1985. Autumn food of the ptarmigan, *Lagopus mutus*, in the Spanish

central Pyrenees. Donana Acta. Vertebrata 12:174-181.

Martinez-Padilla, J., F. Mougeot, L. Perez-Rodriguez, and G. R. Bortolotti. 2007. Nematode parasites reduce carotinoid-based signaling in male Red Grouse. Biology Letters 3:161-163.

Martinez-Padilla, J., F. Mougeot, L. M. I. Webster, L. Perez-Rodriguez, and S. B. Piertney. 2010. Testing the interactive effects of testosterone and parasites on carotenoid-based ornamentation in a wild bird. Journal of Evolutionary Biology 23:902-913. (Red Grouse).

Martinez-Padilla, J., P. Vergara, L. Perez-Rodriguez, F. Mougeot, F. Casas, S. C. Ludwig, J. A. Haines, M. Zeineddine, and S. M. Redpath. 2011. Condition- and parasite-dependent expression of a male-like trait in a female bird. Biology Letters XXX:XXX-XXX (online early). (Red Grouse).

Martinot, J.-P., and P. Lebreton. 2006. Sur la séparation des niches écologiques chez les galliformes de montagne en Vanoise. [Separation of ecological niches, or how galliform birds live together in Vanoise.] Travaux scientifiques du Parc national de la Vanoise 23:119-145. (in French). (Rock Ptarmigan, Black Grouse).

Mastellar, 1981. 1981 Rock Ptarmigan census, Adak Island, Alaska. U. S. Fish and Wildlife Service, unpublished report. 5pp.

Matsuda, M., M. Yamasaki, Y. Gyobu, and K. Kubota. 1971. [Bacteria flora of feces of *Lagopus mutus japonicus* in Mt. Tateyama]. Igaku to seibutsugaku. 83(6):335-340. (in Japanese).

Matthiolopoulos, J. 1997. Modelling the kin-selection hypothesis for Red Grouse population cycles. Ph. D. Thesis, University of Aberdeen.

Matthiolopoulos, J., K. Graham, S. Smout, C. Asseburg, S. Redpath, S. Thirgood, P. Hudson, and J. Hrawood. 2007. Sensitivity to assumptions in models of generalist predation on a cyclic prey. Ecology 88:2576-2586. (Red Grouse).

Matthiolopoulos, J., J. M. Halley, and R. Moss. 2005. Socially induced Red Grouse population cycles need abrupt transition between tolerance and aggression. Ecology 86:1883-1894.

Matthiolopoulos, J., R. Moss, and X. Lambin. 1998. Models of Red Grouse cycles. A family affair? Oikos 82:574-590.

Matthiolopoulos, J., R. Moss, and X. Lambin. 2000. The kin-facilitation hypothesis for Red Grouse population cycles: territory sharing between relatives. Ecological Modelling 127:53-63.

Matthiolopoulos, J., R. Moss, and X. Lambin. 2002. The kin facilitation hypothesis for

Red Grouse population cycles: territorial dynamics of the family cluster. Ecological Modelling 147:291-307.

Matthiolopoulos, J., R. Moss, F. Mougeot, X. Lambin, and S. M. Redpath. 2003. Territorial behaviour and population dynamics in Red Grouse *Lagopus lagopus scoticus*. II Population models. Journal of Animal Ecology 72:1083-1096.

Maxwell, H. 1934. Grouse in the south of England. Notes and Queries Oct 13, 1934, p. 265.

May, R. M. 1997. Conservation biology: The Hen Harrier and the grouse. Nature 389:330-331.

May, R. M. 1999. Population biology: crash tests for real. Nature 398:372-373.

May, T. A. 1970. Seasonal foods of White-tailed Ptarmigan in Colorado. M. Sc. Thesis. Colorado State University.

May, T. A. 1975. Physiological ecology of White-tailed Ptarmigan in Colorado. Ph D. Dissertation. University of Colorado.

May, T. A. 1975. A population bioenergetics model for Colorado White-tailed Ptarmigan. U.S. International Biological Program / Tundra Biome Modeling Report Number 75.1. 89pp.

May T. A., and C. E. Braun. 1968. Observations on winter foods of Colorado White-tailed Ptarmigan. Journal of the Colorado-Wyoming Academy of Science 6:49.

May, T. A., and C. E. Braun. 1971. A working hypothesis for a study of Colorado White-tailed Ptarmigan nutrition. The Alaskan Science Conference 22:36.

May, T. A., and C. E. Braun. 1972. Seasonal foods of adult White-tailed Ptarmigan in Colorado. Journal of Wildlife Management 36:1180-1186.

May, T. A., and C. E. Braun. 1972 . Weight dynamics of free-living White-tailed Ptarmigan in Colorado. Journal of the Colorado-Wyoming Academy of Science 7:70-71.

May, T. A., and C. E. Braun. 1973. Gizzard stones from adult White-tailed Ptarmigan (*Lagopus leucurus*) in Colorado. Arctic and Alpine Research 5:49-57.

McBee, R. H., and G. C. West. 1969. Cecal fermentation in the Willow Ptarmigan. Condor 71:54-58.

McEneaney, T. 1995. Status report of the White-tailed Ptarmigan in Yellowstone, Intermountain Journal of Science 1:85.

McGilvray, J. W., and R. Perman. 1991. Grouse shooting in Scotland: an analysis of its importance to the economy and environment. The Grouse Research Project, Game Conservancy Trust. 91pp.

McGladdery, S. E. 1984. Behavioural responses of *Trichostrongylus tenuis* (Cobbold) larvae in relation to their transmission to the Red Grouse, *Lagopus lagopus scoticus*. Journal of Helminthology 58:295-299.

McGowan, J. D. 1971. Effects of controlled hunting on Rock Ptarmigan. Alaska Department of Fish and Game. 6pp.

McGowan, J. D. 1972. Population characteristics of Rock Ptarmigan. Alaska Department of Fish and Game, Final Report, Federal Aid in Wildlife Restoration. 14pp.

McGowan, J. D. 1973. Effects of controlled spring hunting on Rock Ptarmigan. Final report. Federal aid in wildlife restoration. Projects W-17-3, W-17-4 and W-17-5. Job 10.5R Alaska Division of Game. 11pp.

McGowan, J. D. 1975. Effect of autumn and spring hunting on ptarmigan population trends. Journal of Wildlife Management 39:491-495.

McKelvie, C. 1984. Scotland's grouse at a crisis point. Country Life 176:389.

Mead, C. 1997. Correspondence: Harried Hen Harriers. Nature 389:780.

Mee, A. 1994. Interaction between Red Grouse and Osprey. Scottish Birds 17(4):235.

Mehl, R. 1975. The ectoparasites of the Willow Grouse and the Ptarmigan in Norway. Fauna 28:208-215.

Melcher, C. P. 1992. Avifauna responses to intensive browsing by elk in Rocky Mountain National Park. M. Sc. Thesis. Colorado State University. 86pp. (White-tailed Ptarmigan).

Menoni, E., P. Leonard, J.-F. Desmont, and C. Nappee. 2010. Problems of ice crust formation for grouse and partridges, and the possible relation to climate change. Grouse News 39:6-10. (Black Grouse, Rock Ptarmigan)

Menxies, W. E. 1907. Capercaillie and Willow Grouse in Moray. Annals of Scottish Natural History 1907:116-117.

Mercer, E., and R. McGrath. 1963. A study of a high ptarmigan population on Brunette Island, Newfoundland, in 1962. St. Johns: Newfoundland Wildlife Division, Department of Mines and Resources.

Mercer, J. B., and E. Simon. 1987. Appropriate and inappropriate hypothalamic cold thermosensitivity in Willow Ptarmigan. Acta Physiologica Scandinavica 131:73-80.

Mercer, W. E. 1967. Ecology of an island population of Newfoundland Willow Ptarmigan. Technical Bulletin 2., Newfoundland and Labrador Wildlife Service, St. Johns, Newfoundland.

Mercer, W. E. 1969. Ecology of an island population of Newfoundland Willow Ptarmigan. M. Sc. Thesis. University of Wisconsin – Madison.

Merkusheva, I. V., and L. I. Kraevskaya. 1963. Helminths of Wood-grouse, Heath-Cock and Hazel-Grouse in Byelo Russia. Dokl. Akad. Nauk BSSR. Minsk 7:212-215.

Merriam, C. H. 1885. Change in color in the wing-feathers of the Willow Grouse. Auk 2:201-203.

Merril, H. 1892. *Lagopus lagopus* in Maine. Auk 9:300.

Miettunen, J. 2010. Winter food use and selection of Willow Grouse (*Lagopus lagopus*) in southern Finland. Suo 61(2):35-48.

Mikheev, A. V. 1948. Belaia kuropatka. [Willow Ptarmigan.] Moskva 178pp. (in Russian).

Millais, J. G, 1899. Exhibition of a hybrid grouse. Bulletin of the British Ornithological Club 8:36.

Millais, J. G., and W. R. Ogilvie-Grant. 1911. On the partial summer plumage of the [male] Red Grouse. Bulletin of the British Ornithological Club. 27:55-57.

Miller, G. R. 1968. Evidence for selective feeding on fertilized plots by Red Grouse, hares and rabbits. Journal of Wildlife Management. 32:849-???.

Miller, G. R. 1980. The burning of heather moorland for Red Grouse. Bulletin D Ecologie 11:725-733.

Miller, G. R., D. Jenkins, and A. Watson. 1966. Heather performance and Red Grouse Populations. I. Visual estimates of heather performance. Journal of Applied Ecology 3:313-326.

Miller, G. R., and A. Watson. 1978. Territories and the food plant of individual Red Grouse: I. Territory size, number of mates and brood size compared with the abundance, production and diversity of heather. Journal of Animal Ecology 47:293-305.

Miller, G. R., A. Watson, and D. Jenkins. 1970. Responses of Red Grouse populations to experimental improvement of their food. Pp. 323-335 *in* A. Watson, ed., Animal populations in relation to their food resources. Blackwell Scientific Publications, Oxford and Edinburgh.

Miltschew, B., and U. Georgiewa. 1998. Erstbeobachtung des Alpenschneehuhns in Bulgarien. [Observation of the alpine snow chicken in Bulgaria.] Ornithologische Mitteilungen 50:43-44. (in German).

Miquet, A. 2001. A study of Rock Ptarmigan in the Natral Park Vanoise (French Alps). Grouse News 22:3-6.

Miquet, A., and T. Deana. 2002. Note on the destruction of Ptarmigan *Lagopus mutus* nests by domesticated ungulates. Alauda 70:345-346

Miquet, A., and T. Deana. 2007. Breeding behaviour of a double-renesting female Rock Ptarmigan *Lagopus muta helvetica* L. Grouse News 34:7-13.

Mironov, S. V., K. Skirnisson, S. Th. Thoraninsdottir, and O. K. Nielson. 2010. Feather mites (Astigmata: Psoroptidia) parasitising the Rock Ptarmigan *Lagopus muta* (Montin) (Aves: Galliformes) in Iceland. Systematic Parasitology 75:187-206.

Modafferi, R. D. 1975. Aspects of morphology in female Rock Ptarmigan (*Lagopus mutus*) during ovarian recrudescence. Ph. D. Dissertation. University of Alaska, Fairbanks.

Moe, D., and A. E. Bjune. 2009. Attractive spring-food for Willow Grouse (*Lagopus lagopus* subsp. *lagopus* L.) studied using plant microfossils and pollen in faeces: a methodological deiscussion. Grana 48:310-315.

Montgomerie, R. and K. Holder. 2008. Rock Ptarmigan (*Lagopus muta*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America Online: http://bna.birds.cornell.edu/bna/species/051doi:10.2173/bna.51

Montgomerie R., K. Holder, and V. L. Friesen. 2004. Genetic diversity and management of Nearctic Rock Ptarmigan (*Lagopus mutus*). Canadian Journal of Zoology 82:564-575.

Montgomerie, R., B. Lyon, and K. Holder. 2001. Dirty ptarmigan: behavioral modification of conspicuous male plumage. Behavioral Ecology 12:429-438.

Moran, P. A. P. 1952. The statistical analysis of game-bird records. Journal of Animal Ecology 21:154-158.

Moran, P. A. P. 1954. The statistical analysis of game-bird records II. Journal of Animal Ecology 23:35-37.

Morscheidt, J. 1994. Densites au printemps et succes de la reproduction chez le lagopede alpin *Lagopus mutus* dans la reserve domaniale du Mont Vallier (Ariege, France). [First estimations of spring densities and breeding success in the ptarmigan *Lagopus mutus* in the Mont Vallier Public Reserve, Ariege, Pyrenees, south-western France.] Alauda 62:123-132. (in French).

Morscheidt, J., D. Nebel, and J. Canut. 1996. Deplacements et domaines d'activite de trois Lagopedes alpins *Lagopus mutus* dans les Pyrenees centrales. [Movements and areas of activity of three ptarmigan *Lagopus mutus* in the central Pyrenees.] Alauda 64:221-228. (in French).

Mortensen, A. 1985. Survival of the fattest : life strategies of ptarmigans, with special reference to the energetics of Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). Ph. D. Dissertation. University of Troms.

Mortensen, A., and A. S. Blix. 1985. Seasonal changes in the effects of starvation on metabolic rate and regulation of body weight in Svalbard Ptarmigan. Ornis Scandinavica 16:20-24.

Mortensen, A., and A. S. Blix. 1986. Seasonal changes in resting metabolic rate and mass-specific conductance in Svalbard Ptarmigan, Norwegian Rock Ptarmigan and Norwegian Willow Ptarmigan. Ornis Scandinavica 17:8-13.

Mortensen, A., and A. S. Blix. 1989. Seasonal changes in energy intake, energy expenditure, and digestibility in captive Svalbard Rock Ptarmigan and Norwegian Willow Ptarmigan. Ornis Scandinavica 20:22-28.

Mortensen, A., E. S. Nordoy, and A. S. Blix. 1985. Seasonal changes in the body composition of the Norwegian Rock Ptarmigan Lagopus mutus. Ornis Scandinavica 16:25-28.

Mortensen, A., and A. R. Tindell. 1978. Utilization of dietary amino-acids by grouse (*Lagopus lagopus*). Acta Physiologica Scandinavica 102:A80-A81.

Mortensen, A., and A. R. Tindell. 1978. Uric acid metabolism in ceca of grouse (*Lagopus lagopus*). Journal of Physiology 284-P159-160.

Mortensen, A., and A. Tindell. 1984. The role of urea in nitrogen excretion and caecal nitrogen metabolism in Willow Ptarmigan. Journal of Comparative Physiology B: Biochemistry, Systematics, and Environment Physiology 155:71-74.

Mortensen, A., and A. R. Tindell. 1981. Caecal decomposition of uric acid in captive

and free ranging Willow Ptarmigan (*Lagopus lagopus lagopus*). Acta Physiologica Scandinavica 111:129-133.

Mortensen, A., and A. R. Tindell. 1981. On caecal synthesis and absorption of amino acids and their importance for nitrogen recycling in Willow Ptarmigan (*Lagopus lagopus lagopus*). Acta Physiologica Scandinavica 113:465-469.

Mortensen, A., and A. R. Tindell. 1981. Nitrogen recycling in grouse (*Lagopus lagopus*). Parasitology 82:31-33.

Mortensen, A., S. Unander, M. Kolstad, and A. S. Blix. 1983. Seasonal changes in body composition and crop content of Spitzbergen Ptarmigan *Lagopus mutus hyperboreus*. Ornis Scandinavica 14:144-148.

Moseley, M. H., L. Marriott, P. Nettleton, J. Dukes, R. J. Irving, and F. Mougeot. 2007. Use of real-time RT-PCR to determine the prevalence of louping ill virus in live Red Grouse chicks. The Veterinary Record 161:660-661.

Moss, R. 1967. Probable limiting nutrients in the main food of Red Grouse (*Lagopus lagopus scoticus*). In K. Petrusewicz (ed). Secondary productivity of terrestrial ecosystems. Pp. 369-379.

Moss, R. 1967. Aspects of grouse nutrition. Ph. D. Thesis. University of Aberdeen, Scotland.

Moss, R., 1968. Food selection and nutrition in Ptarmigan (*Lagopus mutus*). Symposia Zoologica Society of London 21:207-216.

Moss, R. 1969. Rearing Red Grouse and Ptarmigan in captivity. Avicultural Magazine 75:256-261.

Moss, R. 1969. A comparison of Red Grouse (*Lagopus lagopus scoticus*) stocks with the production and nutritive value of heather (*Calluna vulgaris*). Journal of Animal Ecology 38:13-122.

Moss, R. 1972. Social organization of Willow Ptarmigan on their breeding grounds in interior Alaska. Condor 74:144-151.

Moss, R. 1972. Food selection by Red Grouse (*Lagopus lagopus scoticus* (Lath.)) in relation to chemical composition. Journal of Animal Ecology 41: 411-428.

Moss, R. 1972. Effects of captivity on gut lengths in Red Grouse. Journal of Wildlife Management 36:99-104.

Moss, R. 1973. The digestion and intake of winter foods by wild ptarmigan in Alaska. Condor. 75:293-300.

Moss, R. 1974. Winter diets, gut lengths, and interspecific competition in Alaskan Ptarmigan. Auk 91:737-746.

Moss, R. 1977. The digestion of heather by Red Grouse during the spring. Condor 79:471-477.

Moss, R. 1979. Aggressiveness and dominance in captive cock Red Grouse. Aggressive Behaviour 5:59-84.

Moss, R. 1983. Gut size, body weight, and digestion of winter foods by grouse and ptarmigan. Condor 85:185-193.

Moss, R. 1989. Management of heather for game and livestock. Botanical Journal of the Linnean Society 101:301-306.

Moss, R. 1997. Grouse and ptarmigan nutrition in the wild and in captivity. Proceedings of the Nutrition Society 56:1137-1145.

Moss, R., D. A. Elston, and A. Watson. 2000. Spatial asynchrony and demographic traveling waves during Red Grouse population cycles. Ecology 81:

Moss, R., A. Gardarssen, G. Olafsson, and D. Brown. 1974. The in vitro digestibility of Ptarmigan *Lagopus mutus* foods in relation to their chemical composition. Ornis Scandinavica 15:5-11.

Moss, R., and I. Hanssen. 1980. Grouse nutrition. Nutrition Abstracts and Reviews, Ser. B. 50:555-567.

Moss, R., and A. D. Horrill. 1996. Metabolism of radiocaesium in Red Grouse. Journal of Environmental Radioactivity 33:49-62.

Moss, R. H. H. Kolb, M. Marquiss, A. Watson, B. Treca, D. Watt, and W. Glennie. 1979. Aggressiveness and dominance in captive cock Red Grouse. Aggressive Behaviour 5:59-84.

Moss, R., and A. K. Lough. 1968. Fatty acid composition of depot fats in some game birds (Tetraonidae). Comparative Biochemistry and Physiology 25:559-562.

Moss, R., and G. R. Miller. 1976. Production, dieback and grazing of heather (*Calluna vulgaris*) in relation to numbers of Red Grouse (*Lagopus l. scoticus*), and mountain hares (*Lepus timidus*) in north-east Scotland. Journal of Applied Ecology 13:369-377.

Moss, R., G. R. Miller, and S. E. Allen. 1972. Selection of heather by captive Red Grouse in relation to the age of the plant. Journal of Applied Ecology 9:771-781.

Moss, R, and J. A. Parkinson. 1972. Digestion of heather (*Calluna vulgaris*) by Red Grouse (*Lagopus lagopus scoticus*). British Journal of Nutrition 27:285-298.

Moss, R, and J. A. Parkinson. 1975. The digestion of bulbils (*Polygonum viviparum* L.) and berries (*Vaccinium myrtillus* L. and *Empetrum* sp.) by captive ptarmigan (*Lagopus mutus*). British Journal of Nutrition 33(2):197-206.

Moss, R., R. Parr, and X. Lambin. 1994. Effects of testosterone on breeding density, breeding success and survival of Red Grouse. Proceedings of Biological Science 258:175-180.

Moss, R., P. Rothery, and I. B. Trenholm. 1985. The inheritance of social dominance in Red Grouse (*Lagopus lagopus scoticus*). Aggressive Behaviour 11:253-259.

Moss, R., J. L. Shaw, and A. Watson. 1990. Role of the caecal threadworm *Trichostrongylus tenuis* in the population dynamics of Red Grouse. Pp.62-71 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp

Moss, R., I. B. Trenholm, A. Watson, and R. Parr. 1990. Parasitism, predation, and survival of hen Red Grouse *Lagopus lagopus scoticus* in spring. Journal of Animal Ecology 59:631-642.

Moss, R., I. B. Trenholm, A. Watson, and R. Parr. 1990. Plant-growth and nitrogen metabolism of Red Grouse *Lagopus lagopus scoticus* in Spring. Ornis Scandinavica 21:115-121.

Moss, R., and A. Watson. 1976. Insectivorous grouse? Nature 259:250-251.

Moss, R., and A. Watson. 1980. Inherent changes in the aggressive behaviour of a fluctuating Red Grouse *Lagopus lagopus scoticus* population. Ardea 68:113-119.

Moss, R., and A. Watson. 1982. Determination of clutch size in Red Grouse without implying the egg-"numerostat'. A reply to Steen and Parker (*Lagopus lagopus scoticus*). Ornis Scandinavica 13:249-250.

Moss, R., and A. Watson. 1982. Heritability of egg size, hatch weight, body weight, and viability in Red Grouse (*Lagopus lagopus scoticus*). Auk 99:683-686.

Moss, R., and A. Watson. 1982. Inherent changes in aggressive behaviour in relation to population regulation in Red Grouse. Institute of Terrestrial Ecology Annual Report 1981:48-49.

Moss, R., and A. Watson. 1984. Maternal nutrition, egg quality and breeding success of

Scottish Ptarmigan *Lagopus mutus*. Ibis 126:212-220.

Moss, R., and A. Watson. 1984. Management of Red Grouse (*Lagopus lagopus scoticus*). Veterinary Record 115(8):175.

Moss, R. 1994. Red Grouse population fluctuations: role of the caecal threadworm *Trichostrongylus tenuis*. Diseases and parasites of birds. Autumn Scientific Meeting, 8th to 10th, September 1993. Madingley Hall, Cambridge. Pages: 2pp.

Moss, R., and A. Watson. 1985. Adaptive value of spacing behaviour in population cycles of Red Grouse and other animals. Pp. 275-294 *in* R. M. Sibly and R. H. Smith, eds. Behavioural ecology. Blackwell, Oxford.

Moss, R., and A. Watson. 1987. Changes in the down colour of chicks during a population decline in Red Grouse. Oecologia 73:598-600.

Moss, R., and A. Watson. 1988. Population cycles in Red Grouse. Scottish Bird News 1988:5.

Moss, R., and A. Watson. 1990. Population regulation in Red Grouse - a theoretical outline. Pp.29-24 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Moss, R., and A. Watson. 1990. Red Grouse numbers in relation to their resources. Pp.53-61 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Moss, R., and A. Watson. 1990. Predicting, manipulating and understanding Red Grouse population fluctuations. Pp.72-77 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Moss, R., and A. Watson. 1991. Population cycles and kin selection in Red Grouse *Lagopus l. scoticus*. Ibis 133, Suppl. I:113-120.

Moss, R., and A. Watson. 1994. Population dynamics of Red Grouse. Pages 87-96 *IN*: Individuals, populations and patterns in ecology.

Moss, R., A. Watson, and R. Parr. 1988. Mate choice by hen Red Grouse *Lagopus lagopus* with an excess of cocks – role of territory size and food quality. Ibis 130:545-552.

Moss, R., A. Watson, and R. Parr. 1993. Growth-rate, condition and survival of Red

Grouse *Lagopus lagopus scoticus* chicks. Ornis Scandivavica 24:303-310.

Moss, R., A. Watson, and R. Parr. 1996. Experimental prevention of a population cycle in Red Grouse. Ecology 77:1512-1630.

Moss, R., A. Watson, R. Parr, and W. Glennie. 1971. Effects of dietary supplements on newly growing heather on the breeding of captive Red Grouse. British Journal of Nutrition 25:135-143.

Moss, R., A. Watson, R. A. Parr, D. Watt, and W. Glennie. 1978. Egg size and other factors in relation to early mortality in Red Grouse (*Lagopus lagopus scoticus*) chicks. Ibis 120:407.

Moss, R., A. Watson, and P. Rothery. 1984. Inherent changes in the body size, viability and behaviour of a fluctuating Red Grouse (*Lagopus lagopus scoticus*) population. Journal of Animal Ecology 53:171-189.

Moss, R., A. Watson, P. Rothery, and W. W. Glennie. 1981. Clutch size, egg size, hatch weight and laying date in relation to early mortality in Red Grouse *Lagopus lagopus scoticus* chicks. Ibis 123:450-462.

Moss, R., A. Watson, P. Rothery, and W. Glennie. 1982. Inheritance of dominance and aggressiveness in captive Red Grouse *Lagopus lagopus scoticus*. Aggressive Behaviour 8:1-18.

Moss, R., A. Watson, I. B. Trenholm, and R. Parr. 1993. Caecal threadworms *Trichostrongylus tenuis* in Red Grouse *Lagopus lagopus scoticus*: effects of weather and host density upon estimated worm burdens. Parasitology 107:199-209.

Mossop, D. H. 1988. Winter survival and spring breeding strategies of Willow Ptarmigan. Pp. 330-378 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). University of Minnesota Press, Minneapolis.

Mossop, D. H. 1994. Trends in Yukon upland gamebird populations from long-term harvest analysis. Transactions of the North American Wildlife and Natural Resources Conference 59:449-456.

Mougeot, F. 2008. Ornamental comb colour predicts T-cell-mediated immunity in male Red Grouse *Lagopus lagopus scoticus*. Naturwissenschaften 95:125-132.

Mougeot, F., A. Dawson, S. M. Redpath, and F. Leckie. 2005. Testosterone and autumn territorial behaviour in male Red Grouse *Lagopus lagopus scoticus*. Hormones and Behaviour 47:576-584.

Mougeot, F., S. A. Evans, and S. M. Redpath. 2005. Interactions between population processes in a cyclic species: parasites reduce autumn territorial behaviour of male Red Grouse. Oecologia 144:289-298.

Mougeot, F., J. R. Irvine, L. Seivwright, S. M. Redpath, and S. Piertney. 2004. Testosterone, immunocompetence, and honest sexual signaling in male Red Grouse. Behavioral Ecology 15:930-937.

Mougeot, F., J. Martinez-Padilla, J. D. Blount, L. Perez-Rodriquez, L. M. I. Webster, and S. B. Piertney. 2010. Oxidative stress and the effects of parasites on a carotenoid-based ornament. Journal of Experimental Biology 213:400-407. (Red Grouse).

Mougeot, F., J. Martinez-Padilla, L. Perez-Rodriquez, and G. R. Bortolotti. 2006. Carotenoid-based colouration and ultraviolet reflectance of the sexual ornaments of grouse. Behavioral Ecology and Sociobiology 61:741-751.

Mougeot, F., J. Martinez-Padilla, G. R. Bortolotti, L. M. I. Webster, and S. B. Piertney. 2010. Physiological stress links parasites to carotenoid-based colour signals. Journal of Evolutionary Biology 23:643-650. (Red Grouse).

Mougeot, F., J. Martinez-Padilla, L. M. I. Webster, J. D. Blount, L. Perez-Rodriguez, and S. B. Piertney. 2009. Honest sexual signalling mediated by parasite and testosterone effects on oxidative balance. Proceedings of the Royal Society B. 276:1093-1100. (Red Grouse).

Mougeot, F., M. Moseley, F. Leckie, J. Martinez-Padilla, A. Miller, M. Pounds, and R. J. Irvine. 2008. Reducing tick burdens on chicks by treating breeding female grouse with Permethrin. Journal of Wildlife Management 72:468-472.

Mougeot, F., L. Perez-Rodriguez, J. Martinez-Padilla, F. Leckie, and S. M. Redpath. 2006. Parasites, testosterone and honest carotenoid-based signaling of health. Functional Ecology 21:886-898.

Mougeot, F., S. B. Piertney, F. Leckie, S. Evans, R. Moss, S. M. Redpath, and P. J. Hudson. 2005. Experimentally increased aggressiveness reduces population kin structure and subsequent recruitment in Red Grouse *Lagopus lagopus scoticus*. Journal of Animal Ecology 74:488-497.

Mougeot, F., and S. M. Redpath. 2004. Sexual ornamentation relates to immune function in male Red Grouse *Lagopus lagopus scoticus*. Journal of Avian Biology 35:425-433.

Mougeot, F., and S. Redpath. 2007. Testosterone and parasite-mediated sexual selection in a tetraonid bird. Pp. 241-254 IN: L. J. Ardis (Ed.). Testosterone Research Trends. Nova Science Publishers.

Mougeot, F., S. M. Redpath, and F. Leckie. 2005. Ultra-violet reflectance of male and female Red Grouse, *Lagopus lagopus scoticus*: sexual ornaments reflect nematode parasite intensity. Journal of Avian Biology 36:203-209.

Mougeot, F., S. M. Redpath, F. Leckie, and P. J. Hudson. 2003. The effect of aggressiveness in the population dynamics of a territorial bird. Nature 421:737-739.

Mougeot, F., S. M. Redpath, R. Moss, J. Matthiopoulos, and P. J. Hudson. 2003. Territorial behaviour and population dynamics in Red Grouse *Lagopus lagopus scoticus*. I. Population experiments. Journal of Animal Ecology 72:1073-1082.

Mougeot, F., S. M. Redpath, and S. B. Piertney. 2006. Elevated spring testosterone increases parasite intensity in male Red Grouse. Behavioral Ecology 17:117-125.

Mougeot, F., S. M. Redpath, S. B. Piertney, and P. J. Hudson. 2005. Separating behavioral and physiological mechanisms in testosterone-mediated trade-offs. American Naturalist 166:158-168.

Mountford, M. D., A. Watson, and R. Moss. 1990. Land inheritance and population cycles of Red Grouse. Pp.78-83 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Munkebye, E., H. C. Pedersen, J. B. Steen, and H. Broeseth. 2003. Predation of eggs and incubating females in Willow Ptarmigan *Lagopus l. Lagopus*. Fauna Norvegica 23:1-8

Murata, K., A. Tamada, Y. Ichikawa, M. Hagihara, Y. Sato, H. Nakamura, M. Nakamura, T. Sakanakura, and M. Asakawa. 2007. Geographical distribution and seasonality of the prevalence of *Leucocytozoon lovati* in Japanese Rock Ptarmigans (*Lagopus mutus japonicus*) found in the alpine regions of Japan. Journal of Veterinary Medicine Science 69:171-176.

Murie, O. J. 1939. Fauna of the Aleutian Islands and the Alaska Peninsula. U. S. Department of the Interior, Fish and Wildlife Sertvice. North American Fauna, Number 61. (Willow Ptarmigan, Rock Ptarmigan).

Murr, F. 1956. Alpenschneehuhn, *Lagopus mutus helveticus*, mit rosenrot angehauchtem Winterkleid. Journal of Ornithology 97:343-344. (in German).

Murray, T., and J. O'Halloran. 2003. Population estimate for Red Grouse in the Owenduff-Nephin Special Protection Area, County Mayo. Irish Birds 7:187-192.

Myhre, G. 1980. Social status, external signals and colonic temperature in the captive Willow Grouse (*Lagopus Lagopus Lagopus*). Ornis Scandinavica 11:77-80.

Myhre, G. 1983. The biopsychology of behavior in captive Willow Ptarmigan. Ph. D. Dissertation. University of Tromso.

Myhre, G., and H. Ursin. 1979. Flight and defense behavior in the Ptarmigan confronted by a human observer. Z. Tierpsychol. 51:398-405.

Myhre, G., H. Ursin, and I. Hanssen. 1981. Corticosterone and body temperature during acquisition of social hierarchy in the captive Willow Ptarmigan (*Lagopus lagopus lagopus*). Z. Tierpsychol. 57:123-130.

Myhre, K, M. Cabanac, and G. Myhre. 1975. Thermoregulatory behaviour and body temperature in chicks of Willow Grouse (*Lagopus lagopus lagopus*). Poultry Science 54:1174-1179.

Myklebust, I., S. Nybo, J. A. Kalas, ans H. C. Pedersen. 1993. Cadmium accumulation in Willow Ptarmigan (*Lagopus lagopus*) and Rock Ptarmigan (*L. mutus*) in central Norway. Science of the Total Environment Suppl. 1:135.

Myklebust, I., and H. C. Pedersen. 1999. Accumulation and distribution of cadmium in Willow Ptarmigan. Ecotoxicology 8:457-465.

Myrberget, S. 1969. Ytre kjønnesbestemmelse og vekter av ryper fra det nordlige Norge vinteren 1966/67. [Exterior sex characters and weights of *Lagopus* sp. from the northern part of Norway, winter 1966/67.] Meddelelser fra Statens viltundersøkelser ; 2. ser. 31pp. (in Norwegian with Englisg summary).

Myrberget, S. 1970. On the part played by predation in short-term variations in the population of Willow Grouse, *Lagopus lagopus*, in Norway. Transactions of the International Congress of Game Biologists 9:458-464.

Myrberget, S. 1972. Fluctuations in a north Norwegian population of Willow Grouse. Proceedings of the 15th International Ornithological Congress 15:107-120.

Myrberget, S. 1973. A wing-sample analysis of the production of Willow Grouse in Norway in 1963-1972. Publications National Swedish Environmental Protection Board 11:231-234.

Myrberget, S. 1974. Variations in the production of the Willow Grouse *Lagopus lagopus* (L.) in Norway, 1963-1972. Ornis Scandinavica 5:163-172.

Myrberget, S. 1975. Age determination of Willow Grouse chicks. Norwegian Journal of Zoology 23:165-171.

Myrberget, S. 1975. Age distribution, mortality and migration of Willow Grouse, *Lagopus lagopus*, on Senja, Norway. Astarte 8:29-35.

Myrberget, S. 1975. Norwegian studies about the year 1930 on the nesting biology of the Willow Grouse. Sterna 14:51-64.

Myrberget, S. 1976. Hunting mortality, migration, and age composition of Norwegian Willow Grouse (*Lagopus lagopus*). Norwegian Journal of Zoology 24:47-52.

Myrberget, S. 1976. Field tests of line transect census methods for grouse. Norwegian Journal of Zoology 24:307-317.

Myrberget, S. 1976. Lirypas reirhabitat. [Nesting habitats of Willow Grouse.] Trondheim: Direktorater for vilt og ferskvannsfisk. 30pp. (in Norwegian with English summary).

Myrberget, S. 1976. A method for making a census of Willow Grouse. Fauna 29:79-85.

Myrberget, S. 1977. Size and shape of eggs of Willow Grouse *Lagopus lagopus*. Ornis Scandinavica 8:39-46.

Myrberget, S. 1979. Winter food of Willow Grouse in two Norwegian areas. Meddelelser fra Norsk Viltforskning, ser. 3(7):1-32.

Myrberget, S. 1980. [Egg predation in the Willow Grouse on a north Norwegian island.] Viltrapport 1980:108-113. (in Norwegian).

Myrberget, S. 1981. Diet of Willow Grouse *Lagopus lagopus* chicks on a coastal island. Fauna Norv. Ser. C., Cinclus 4:58-63.

Myrberget, S. 1982. Bestandsvariasjoner hos lirype i Norge 1932-1971. [Fluctuations in Norwegian populations of Willow Grouse, *Lagopus lagopus*, 1932-1971.] Trondheim, Norway: Direktoratet for vilt og ferskvannsfisk. (in Norwegian).

Myrberget, S. 1983. Vacant habitats during a decline in a population of Willow Grouse *Lagopus lagopus*. Fauna Norv. Ser. C., Cinclus 6:1-7.

Myrberget, S. 1983. Desertion of nests by Willow Grouse *Lagopus lagopus*. Fauna Norv. Ser. C., Cinclus 6:109-113.

Myrberget, S. 1984. Population cycles of Willow Grouse Lagopus Lagopus on an island in northern Norway. Norv. Ser. C., Cinclus 7:46-56.

Myrberget, S. 1984. Population dynamics of Willow Grouse Lagopus Lagopus on an island in north Norway. Norv. Ser. C., Cinclus 7:95-105.

Myrberget, S. 1984. Seasonal variations in body weights of Willow Grouse *Lagopus lagopus* in a coastal area in northern Norway. Fauna 37:56-62.

Myrberget, S. 1984. The periods of egg laying and incubation in Willow Grouse *Lagopus lagopus*. Fauna 37:34-35.

Myrberget, S. 1985. Egg predation in an island population of Willow Grouse *Lagopus lagopus*. Norvegica Series C Cinclus 8:82-87.

Myrberget, S. 1985. Is hunting mortality compensated in grouse populations, with special reference to Willow Grouse? Transactions of the Congress of the International Union of Game Biologists 17:329-336.

Myrberget, S. 1986. Annual variation in timing of egg-laying in a population of Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series C Cinclus 9:1-6.

Myrberget, S. 1986. Annual variation in clutch sizes of a population of Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series C Cinclus 9:74-81.

Myrberget, S. 1986. Age and breeding of Willow Grouse *Lagopus Lagopus*. Ibis 128:282-285.

Myrberget, S. 1987. The effects of sheep grazing on a Willow Grouse breeding habitat. Fauna 40:144-149.

Myrberget, S. 1987. Seasonal decline in clutch size of the Willow Grouse *Lagopus lagopus lagopus*. Fauna Norvegica Series C Cinclus 10:11-20.

Myrberget, S. 1988. Demography of an island population of Willow Ptarmigan in northern Norway. Pp. 379-419 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). University of Minnesota Press, Minneapolis.

Myrberget, S. 1989. Philopatry in an island population of Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series C Cinclus 12:31-39.

Myrberget, S. 1989. Norwegian research on Willow Grouse: implications for management. Finnish Game Research 46:17-25.

Myrberget, S. 1989. Repeatability of clutch size in Willow Grouse *Lagopus lagopus*. Ornis Scandinavica 20:74-76.

Myrberget, S. 1989. [Grouse shooters are becoming more responsible.] Var Fuglefauna 12(4):228-229.

Myrberget, S., and R. Aabakken. 1986. Field trials of winter food preference among Willow Grouse. Fauna 39:136-142.

Myrberget, S., and R. Aabakken. 1987. Annual variation in the quality of winter food of the Willow Grouse *Lagopus lagopus* and its effect on population dynamics. Fauna Norvegica Series C Cinclus 10:89-94.

Myrberget, S., and A. Aandahl. 1976. Short-eared Owl and Hawk Owl as predators of the Willow Grouse. Fauna 29:93-94.

Myrberget, S., O. A. Aune, and A. Moksnes. 1969. Exterior sex characters and weights of *Lagopus* sp. from the northern part of Norway, winter 1966/67. Meddelelser fra Statens Viltundersøkelser.

Myrberget, S., S. Blom, and K. E. Erikstad. 1977. Effect of a bad production year for Willow Grouse on the size of the breeding population the following year. Fauna (Oslo): 30:88-97

Myrberget, S., Blom, R., Erikstad, K. E. and Spidsø, T. K. 1982. Demography of a north Norwegian population of Willow Grouse 1972/78. Transactions of the XVth International Congress of Game Biologists. Dublin 1979: 47-52.

Myrberget, S., and F. Bugge. 1974. Tagging of Willow Grouse on Ringvassoy, North Norway. Sterna (Stavanger) 13:199-203.

Myrberget, S., ans K. E. Erikstad. 1975. The effect of a heavy fall of snow on the reproduction of Willow Grouse. Sterna 14:181-184.

Myrberget, S., Erikstad, K. E., Blom, R. and Spidsø, T. K. 1985. Estimation of nesting success and frequency of relaying by Willow Grouse *Lagopus lagopus*. - Ornis Fennica 62:9-12.

Myrberget, S., K. E. Erikstad, and T. K. Spidso. 1977. Variations from year to year in growth rates of Willow Grouse chicks. Astarte 10:9-14.

Myrberget, S., K. E. Erikstad, and T. K. Spidso. 1982. Demography of a North Norwegian population of Willow Grouse. Transactions of the International Congress of Game Biologists 14:47-52.

Myrberget, S., and L. Kastdalen. 1986. [What did the late spring in 1985 mean for the grouse of Tranoy?] Naturen 110:77-80.

Myrberget, S., P. Krigsvoll, and J. A. Pedersen. 1984. Storing loss in body weights of birds and mammals. Fauna 37:35-36.

Myrberget, S., C. Norris, and E. Norris. 1975. Grit in Norwegian *Lagopus* spp. Norwegian Journal of Zoology 23:205-212.

Myrberget, S., O. Olsvik, and T. Saether. 1981. On a "crash" in a population of Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series C Cinclus 4:64-68.

Myrberget, S., and H. C. Pedersen. 1993. Breeding distribution of relation to habitat quality in a population of Willow Grouse *Lagopus lagopus lagopus*. Fauna Norvegica Series C Cinclus 16(1):1-5.

Myrberget, S., and H.-J. Skar. 1976. Fat and caloric content of Willow Grouse in autumn and winter. Norwegian Journal of Zoology. 24:41-45.

Nakamura, H. 2006. [Will Japanese Rock Ptarmigan revive again?] Yamatokeikokusya Tokyo. (In Japanese).

Nakamura, H. 2007. [Rock Ptarmigan *Lagopus mutus japonicus*.] Japan Journal of Ornithology 56:93-114. (in Japanese with English summary).

Nakamura, H. 2009. [Conservation of the bird that was protected by faith and law – The Japanese Rock Ptarmigan.] Pp. 133-151 IN: S. Yamagishi (ed.). [Preserve an endangered bird in Japan from extinction.] (In Japanese).

Nakamura, H. 2010. Why Japanese Rock Ptarmigan never fear humans? Grouse News 40:32-35.

Nakamura, H., K. Kitahara, and Y. Tokoro. 2003. [Distribution of territories and the number of Rock Ptarmigan *Lagopus mutus japonicus* on the Mt. Hiuchi.] Bulletin of Institute Nature Education Shiga Heights 40:1-8. (in Japanese with English summary).

Nakashima, N., K. Ohishi, N. Hirayama, and M. Nakamura. 1994. [Properties of the virus isolated from pox-like lesions of ptarmigan (*Lagopus mutus*).] Annual Report of the National Veterinary Assay Laboratory (Japan) 31:15-18. (in Japanese with English summary).

Nakata, Y. 1973. [My experiments in breeding the White-tailed Ptarmigan and Spruce Grouse in captivity.] Bulletin of the Ornamental Pheasant and Waterfowl Society of Japan 6(2):8-13. (in Japanese).

Nazarov, A. A., and O. N. Shubnikova. 1971. Migrations of Willow Grouse *Lagopus lagopus* in the Yamal Nenets National Region. Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 76(6):22-30.

Nelson, E. W. 1878. The Rock Ptarmigan (*Lagopus rupestris*) in the Aleutian Islands. Bulletin of the Nuttall Ornithological Club. 3:38.

Nelthersole-Thompson, C., and D. Nelthersole-Thompson. 1939. Some observations on

the sexual life, display and breeding of the Red Grouse as observed in Inverness-shire. British Birds 32:247-254.

New, L. F. 2010. Multi-species state-space modeling of the Hen Harrier (*Circus cyaneus*) and Red Grouse (*Lagopus lagopus scoticus*) in Scotland. Ph. D. Thesis. University of St. Andrews. 232pp.

New, L. F., J. Matthiopoulos, S. Redpath, and S. T. Buckland. 2009. Fitting models of multiple hypotheses to partial population data: Investigating the causes of cycles in Red Grouse. American Naturalist 174:399-412.

Newborn, D. 1991. Red Grouse – the North of England 1990. Grouse News 1:12.

Newborn, D., and R. Foster. 2002. Control of parasite burdens in wild Red Grouse *Lagopus lagopus scoticus* through the indirect application of antihelmithics. Journal of Applied Ecology 39:909-914.

Newborn, D., and P. Hudson. 1987. Bracken and its importance on grouse moors in England. Game Conservancy Annual Review 1987:154-157.

Newton, A. 1871. On certain species of Falconidæ, Tetraonidæ, and Anatidæ. Proceedings of the Academy of Natural Sciences of Philadelphia 23:94-100. (Red Grouse, Willow Ptarmigan, Rock Ptarmigan).

Nielsen, O. K. 1993. Initiation of territoriality among Icelandic Rock Ptarmigan in spring. Natturufraedingurinn 63:29-37. (in Icelandic with English summary).

Nielsen, O. K. 1995. Rock Ptarmigan density and heathland vegetation in Sudur-Pingeyjarsysla, NE-Iceland. Natturufraedingurinn 65:81-102. (in Icelandic with English summary).

Nielsen, O. K. 1995. Rock Ptarmigan censuses in northeast Iceland 1981 to 1994. Natturufraedingurinn 65:137-151. (in Icelandic with English summary).

Nielsen, O. K. 1997. Rock Ptarmigan studies at Kvisker, southeast Iceland 1963 to 1995. Natturufraedingurinn 66:115-122. (in Icelandic with English summary).

Nielsen, O. K. 1999. Vöktun rjúpnastofnsins. [Monitoring of the ptarmigan population in Iceland.] Fjölrit náttúrufrædistofnunar, no. 39. 55pp. (in Icelandic with English abstract).

Nielsen, O. K. 1999. Gyrfalcon predation on ptarmigan: numerical and functional responses. Journal of Animal Ecology 68:1034-1050.

Nielsen. O. K. 2008. Monitoring and status of the Rock Ptarmigan population in Iceland. Grouse News 35:13-16.

Nielsen, O. K. 2010. Rock Ptarmigan and Gyrfalcon. Natturufraedingurinn 79:8-18. (in Icelandic with English summary).

Nielsen, O. K., J. Brynjarsdottir, and K. Magnusson. 2004. Voktun rjupnastofnsins 1999-2003. [Monitoring of the ptarmigan population in Iceland 1999-2003.] Fjolrit Natturufraedistofnunar 47:1-110. (in Icelandic with English summary).

Nielsen, O. K., and G. Petursson. 1995. Population fluctuations of Gyrfalcon and Rock Ptarmigan: analysis of export figures from Iceland. Wildlife Biology 1:65-71.

Njiforti, H. 1987. A review of the ecology of the Phasianidae (Aves) with particular reference to Red Grouse, partridges and guineafowl. M. Sc. Thesis. University of Edinbough.

Nopp-Mayr, U., and M. Zohmann. 2008. Spring densities and calling activities of Rock Ptarmigan (*Lagopus muta helvetica*) in the Austrian Alps. Journal of Ornithology 149:135-139.

Norman, R., D. Ross, K. M. Laurenson, and P. J. Hudson. 2004. The role of non-viraemic transmission on the persistence and dynamics of a tick borne virus – Louping ill in Red Grouse (*Lagopus lagopus scoticus*) and mountain hares (*Lepus timidus*). Journal of Mathematical Biology 48:119-134.

Norris, C., E. Norris, and S. Myrberget. 1979. Food preference of captive Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series C Cinclus 2:49-52.

Norris, E., C. Norris, and J. B. Steen. 1975. Regulation and grinding ability of grit in the gizzard of Norwegian Willow Ptarmigan (*Lagopus lagopus*). Poultry Science 54:1839-1843.

Novikov, B. G. 1939. Mechanisms der Saisonveranderungen am Federkleid bei *Lagopus lagopus* (L.). [Mechanisms that control the molt of *Lagopus lagopus* (L.).] Comptes Rendues Academy of Sciences of the USSR 25:554-556. (in German).

Novoa, C., A. Bresnard, J. F. Brenot, and L. N. Ellison. 2006. Conditions climatiques et succès de reproduction du lagopède alpin. [Weather conditions and reproductive success of Rock Ptarmigan.] ONCFS Rapport scientifi que 2006:17-20. (in Fench with English summary).

Novoa, C., A. Bresnard, J. F. Brenot, and L. N. Ellison. 2008. Effect of weather on the reproductive rate of Rock Ptarmigan *Lagopus muta* in the eastern Pyrenees. Ibis 150:270-278.

Novoa, C., J.-F. Brenot, D. Thillet, J. Sentilles, and L. N. Ellison. 2003. Are temperature

loggers useful for studying nest disturbance in Rock Ptarmigan *Lagopus mutus*? Avocetta 27:187-192.

Novoa, C., L. Ellison, J. F. Desmet, A. Miquet, J. Sentilles, and F. Sarrazin. 2005. Lagopede Alpin: Demographie et impact des activities humaines. [Rock Ptarmigan: Demography and impact of the human activities.] Study Report, 52pp. (in French).

Novoa, C., and G. Gonzalez. 1988. [Comparative biotope selection by Ptarmigan *Lagopus mutus* and Pyrenean Gray Partridge *Perdix perdix hispaniensis* in the Carlit Mountain Range eastern Pyrenees France.] Gibier Faune Sauvage 5:187-202. (in French with English summary).

Novoa C., Hansen E., Menoni E. 1990. La mortalité de trois espèces de galliformes par collision dans les câbles : résultats d'une enquête pyrénéenne. [The mortality of three species of galliformes per collision in the cables: results of a Pyrenean investigation.] Bulletin Mensuel 151:17-22. Office National de la Chasse. (in French).

Nudds, R. L., L. P. Folkow, J. J. Lees, P. G. Tickle, K.-A. Stokkan, and J. R. Codd. 2009.Evidence for energy savings from aerial running in the Svalbard Rock Ptarmigan (*Lagopus muta hyperborea*). Proceedings of the Royal Society B XXX:XXX-XXX (online early).

Nystrom, J. 2004. Predator-prey interactions of raptors in an arctic environment. Ph. D. Dissertation, Stockholm University. 32pp.

Nystrom, J., L. Dalen, P. Hellstrom, J. Ekenstedt, H. Angleby, and A. Angerbjorn. 2006. Effect of local prey availability on Gyrfalcon diet: DNA analysis on ptarmigan remains at nest sites. Journal of Zoology 269:57-64.

Nystrom, J., J. Ekenstedt, J. Engstrom, and A. Angerbjorn. 2005. Gyr Falcons, ptarmigan and microtine rodents in northern Sweden. Ibis 147:587-597.

Ogilvie-Grant, W. R. 1893. Notes on the changes of plumage in the Red Grouse (*Lagopus scoticus*). Annual Magazine of Natural History 1893. (6). 12:61-65.

Ogilvie-Grant, W. R. 1894. On the changes of plumage in the Red Grouse (*Lagopus scoticus*). The Annals of Scottish Natural History, July 1894. 12pp.

Ogilvie-Grant, W. R. 1907. On hybrids between Red Grouse and Ptarmigan. Bulletin of the British Ornithological Club. 21:36-38.

Ogilvie-Grant, W. R. 1908. On two supposed hybrids between Red Grouse and Ptarmigan. British Birds 9:269-274.

O'Hare, P. J. 1973. Irish Red Grouse - position and prospects. Pp. 39-44 In: The future of lrish wildlife - a blueprint for development. l-216.

Olpinski, S. C. 1986. Breeding ecology, habitat and morphometrics of Rock Ptarmigan *Lagopus mutus* L. in Nouveau-Quebec. M. Sc. Thesis. McGill University.

Olsen, O. W., and C. E. Braun. 1971. *Diplotriaena lagopusi* and *D. andersoni* spp. n. (Diplotriaenidae: Filarioidea) from White-tailed Ptarmigan (*Lagopus leucurus*) in North America. Proceedings of the Helminthological Society of Washington 38:86-89.

Olsen, O. W., A. G. Haskins, and C. E. Braun. 1978. *Rhabdometra alpinensis* n.sp.(Cestoda: Paruterinida: Dilepididea) from southern White-tailed Ptarmigan (*Lagopus leucurus altipetens* Osgood) in Colorado, U.S.A., with a key to the species of *Rhabdometra* Cholodkowsky, 1906. Canadian Journal of Zoology 56:446-450.

Olsson, G. E., T. Willebrand, and A. A. Smith. 1996. The effects of hunting on Willow Grouse *Lagopus lagopus* movements. Wildlife Biology 2:11-15.

O'Reilly, P., and S. J. Hannon. 1989. Predation of simulated Willow Ptarmigan nests: the influence of density and cover on spatial and temporal patterns of predation. Canadian Journal of Zoology 67:1263-1267.

Osmolovskaya, V. I. 1970. Distribution and abundance of White Grouse in the forest belt of the European part of the USSR. Byull. Mosk. Obshch. Ispyt. Prir. 75:118-122.

Olstad, O. 1931. Undersokelser over lirypens forplantningsforhold. [Studies of the breeding biology of the Willow Ptarmigan.] Norsk Jaeger- og Fiskerforenings Tidsskrift 61:405-413. (in Norwegian).

Olstad, O. 1932. Undersokelser over lirypens forplantningsforhold. [Studies of the breeding biology of the Willow Ptarmigan.] Nytt Magazin for Naturvidenskapene 71:1-71. (in Norwegian).

Oswald, J. 1979. A gamekeeper's view. Pp. 156-157 In: Woodland Grouse Symposium, Inverness, Scotland. December 4th - 8th, 1978.

Palmer, S. F. C. 1996. The utilisation of heather moorland by Red Grouse. Ph. D. Dissertation, University of Aberdeen.

Palmer, S. F. C., and P. J. Bacon. 2001. The utilization of heather moorland by territorial Red Grouse *Lagopus lagopus scoticus*. Ibis 143:222-232.

Palmgren, R. 1912. *Tetrao tetrix* L. x *Lagopus lagopus* (L.). Helsingfors Medd. Soc.

Fauna et Fl. Fenn. 38:28-32, 198-199. (in German).

Park, K. J., F. Booth, D. Newborn, and P. J. Hudson. 2002. Breeding losses of Red Grouse in Glen Esk (NE Scotland): Comparative studies, 30 years on. Annales Zoologici Fennici. 2002: 21-28.

Park, K. J., K. E. Graham, J. Calladine, and C. W. Wernham. 2008. Impacts of birds of prey on gamebirds in the UK: a review. Ibis 150 (Suppl. 1):9-26.

Park, K. J., M. M. Hurley, and P. J. Hudson. 2002. Territorial status and survival in Red Grouse *Lagopus lagopus scoticus*: hope for doomed surplus? Journal of Avian Biology 33:56-62.

Park, K. J., P. A. Robertson, S. T. Campbell, R. Foster, Z. M. Russell, D. Newborn, and P. J. Hudson. 2001. The role of invertebrates in the diet, growth, and survival of Red Grouse (*Lagopus lagopus scoticus*) chicks. Journal of Zoology 254:137-145

Parker, G. H. 1985. Copper, nickel, and iron in plumage of three upland gamebird species from non-contaminated environments. Bulletin of Environmental Contamination and Toxicology 35:776-780.

Parker, H. 1981. Duration of fertility in Willow Ptarmigan hens after separation from the cock. Ornis Scandinavica 12:186-187.

Parker, H. 1981. Renesting biology of Norwegian Willow Ptarmigan. Journal of Wildlife Management 45:858-864.

Parker, H. 1984. Effect of corvid removal on reproduction of Willow Ptarmigan and Black Grouse. Journal of Wildlife Management 48:1197-1205.

Parker, H. 1985. Compensatory reproduction through renesting in Willow Ptarmigan. Journal of Wildlife Management 49:599–604.

Parker, H. 1986. The significance of renesting and Hooded Crow removal for Willow Ptarmigan reproduction and management. Ph. D. Dissertation. University of Tromso.

Parker, H., and I. Hanssen. 1980. Detrimental effects of cecal defecation in winter roosting Willow Ptarmigan. Wilson Bulletin 92:252-253.

Parr, R. 1975. Aging Red Grouse chicks by primary molt and development. Journal of Wildlife Management 39:188-190.

Parr, R. A. 1992. Moorland birds and their predators in relation to afforestation. Ph. D. Dissertation, University of Aberdeen.

Parr, R., A. Watson, and R. Moss. 1993. Changes in the numbers and interspecific interactions of Red Grouse (*Lagopus lagopus scoticus*) and Black Grouse (*Tetrao tetrix*). Avocetta 17:55-59.

Pav, J., and D. Zajicek. 1974. The incidence of coccidiosis in tetraonid birds, Tetraonidae, from Czechoslovak hunting areas. Vestnik Ceskoslovenske Spolecnosti Zoologicke 38:52-60.

Pavlov, B. M. 1974. Variation in the visceral characteristics of the Willow Ptarmigan (*Lagopus albus*) and Common Ptarmigan (*Lagopus mutus*) in the Taimir Peninsula. Soviet Journal of Ecology 4:359-361.

Pearce-Higgins, J. W. 2010. Using diet to assess the sensitivity of northern and upland birds to climate change. Climate Research 45(special issue 25):119-U435. (Black Grouse, Rock Ptarmigan, Willow Ptarmigan).

Pearce-Higgins, J., M. C. Grant. 2006. Relationships between bird abundance and the composition and structure of moorland vegetation. Bird Study 53:112-125.

Pearson, H. J. 1907. On the ptarmigan of Franz Josef Land. Ibis 9:507-509.

Pedersen, A. O., E. Fuglei, and J. U. Jepsen. 2010. Habitat modeling of Svalbard Rock Ptarmigan: - Developemnt of GIS-based tools for adaptive management. Grouse News 40:36-40.

Pedersen, A. O., J. U. Jepsen, N. G. Yoccoz, and E. Fuglei. 2007. Ecological correlates of the distribution of territorial Svalbard Rock Ptarmigan (*Lagopus muta hyperborea*). Canadian Journal of Zoology 85:122-132.

Pedersen, A. O., M. Lier, H. Routti, H. H. Christiansen, and E. Fuglei. 2006. Co-feeding between Svalbard Rock Ptarmigan (*Lagopus muta hyperborea*) and Svalbard reindeer (*Rangifer tarandus platyrhynchus*). Arctic 59:61-64.

Pedersen, A. O., O. Overrein, S. Unander, and E. Fuglei. 2005. Svalbard Rock Ptarmigan (*Lagopus mutus hyperboreus*) – a status report. Rapportserie 125. Norsk Polarinstitutt, Tromso. 21pp.

Pedersen, H. C. 1984. Territory size, mating status, and individual survival of males in a fluctuating population of Willow Ptarmigan. Ornis. Scandinavica 15:197-203.

Pedersen, H. C. 1988. Reproductive behaviour in Willow Ptarmigan with special emphasis on territoriality and parental care. Ph. D. Dissertation. University of Trondheim.

Pedersen, H. C. 1988. Territorial behaviour and breeding numbers in Norwegian Willow

Ptarmigan: A removal experiment. Ornis Scandinavica 19:81-87.

Pedersen, H. C. 1989. Effects of exogenous prolactin on parental behaviour in free-living female Willow Ptarmigan *Lagopus l. lagopus*. Animal Behavior 38:926-934

Pedersen, H. C. 1990. Reproductive behaviour and breeding numbers in a fluctuating population of Norwegian Willow Grouse *Lagopus lagopus* – summary of a 10-year study. Fauna Norvegica Series C Cinclus 13(1):1-10.

Pedersen, H. C. 1993. Reproductive success and survival of widowed Willow Ptarmigan hens. Ornis Fennica 70:17-21.

Pedersen, H. C. 1987. [A vegetation map as a basis for studying the spring and summer habitats of the Willow Grouse in Kongsvoll.] Viltrapport 1987:78-86, 161.

Pedersen, H. C. 2004. rets fugl 2004 - lirypa - var egentlige nasjonalfugl? [Bird of the year 2004 - the Willow Grouse - our true national bird?] Var Fuglefauna 27(1):5-9. (in Norwegian).

Pedersen, H. C., and R. Andersen. 1982. Parental behaviour of the male Willow Grouse *Lagopus lagopus lagopus*. Fauna Norvegica Series C Cinclus 5:40-42.

Pedersen, H. C., and F. Fossoy. 2000. Accumulation of heavy metals in circumpolar Willow Ptarmigan populations. NINA - Oppdragsmelding 646: 31 pp.

Pedersen, H. C., F. Fossoy, J. A. Kalas, and S. Lierhagen. 2007. Accumulation of heavy metals in circumpolar Willow Ptarmigan (*Lagopus l. lagopus*) populations. Science of the Total Environment 371:176-189.

Pedersen, H. C., and K. Hylland. 2007. Metallothionein levels in Willow Ptarmigan (*Lagopus lagopus*) populations with different natural loads of cadmium. European Journal of Wildlife Research 53:142-152..

Pedersen, H. C., and D. H. Karlsen. 2007. Alt om Rypa: biologi-jakt-forvaltning. [All about Willow Ptarmigan: biology-hunting-conservation.]. Tun Forlag, Oslo. 259pp. (in Norwegian).

Pedersen, H. C., A. Loras, R. A. Andersen, and B. M. Jenssen. 2010. Behavioural effects of cadmium (Cd) in free-living Willow Ptarmigan (*Lagopus lagopus*). European Journal of Wildlife Research 56:141-150.

Pedersen, H. C., and I. Myklebust. 1991. Age-dependent accumulation of cadmium in Norwegian Willow Ptarmigan (*Lagopus l. lagopus*). Pp. 477-482 In: S. Csanyi and J. Ernhaft (Eds.) Transactions of the 20th. Congress, International Union of Game Biologists.

Pedersen, H. C., and I. Myklebust. 1993. Age-dependent accumulation of cadmium and zinc in the livers and kidneys of Norwegian Willow Ptarmigan. Bulletin of Environmental Contamination and Toxicology. 51:381-388.

Pedersen, H. C., S. Nybo, and P. Varskog. 1998. Seasonal variation in radiocaesium concentration in Willow Ptarmigan and Rock Ptarmigan in central Norway after the chernobyl fallout. Journal of Environmental Radioactivity 41:65-81.

Pedersen, H. C., and M. Saether. 1995. The effects of exogenous cadmium on parental behaviour in free-living female Willow Ptarmigan. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:174.

Pedersen, H. C., and M. Saether. 1999. Effects of cadmium on parental behaviour in free-living Willow Ptarmigan hens. Ecotoxicology 8:1-7.

Pedersen, H. C., H. Steen, L. Kastdalen, H. Broseth, R. A. Ims, W. Svendsen, and N. G. Yoccoz. 2004. Weak compensation of harvest despite strong density-dependent growth in Willow Ptarmigan. Proceedings of the Royal Society of London 271:381-385.

Pedersen, H. C., and J. B. Steen. 1979. Behavioural thermoregulation in Willow Ptarmigan chicks (*Lagopus lagopus*). Ornis Scandinavia 10:17-21.

Pedersen, H. C., and J. B. Steen. 1985. Parental care and chick production in a fluctuating population of Willow Ptarmigan. Ornis Scandinavia 16:270-276.

Pedersen, H. C., and J. B. Steen. 1993. Territory size of Willow Grouse *Lagopus lagopus lagopus* cocks in relation to age and intruder pressure. Fauna Norvegica Series C Cinclus 16:41-42.

Pedersen, H. C., J. B. Steen, and R. Anderson. 1983. Social organization and territorial behaviour in a Willow Ptarmigan population. Ornis Scandinavia 14:263-272.

Peer, K. 2006. Habitatmerkmale von Brutrevieren des Alpenschneehuhns (*Lagopus mutus*) im Kuehtai, Tirol. [Habitat characteristics of Rock Ptarmigan (*Lagopus mutus*) territories in Tyrol (Austria).] Egretta 48:35-44. (in German with English summary)

Pelletier, L. 1996. Evaluation of aerial surveys of ptarmigan (*Lagopus* spp.). M. Sc. Thesis. University of British Columbia. 84pp.

Pelletier, L, and C. J. Krebs. 1997. Line-transect sampling for estimating ptarmigan (*Lagopus* sp.) density. Canadian Journal of Zoology 75:1185-1192.

Pelletier, L., and C. J. Krebs. 1998. Evaluation of aerial surveys of ptarmigan *Lagopus*

species. Journal of Applied Ecology 35:941-947.

Pennie, I. D. 1957. Photographic studies of some less familiar birds. LXXIX. Ptarmigan. British Birds 1:102-105.

Peterle, T. J. 1955. Notes on the display of the Red Grouse. Scottish Naturalist 67:61-64.

Peterle, T. J. 1958. Game management in Scotland. Journal of Wildlife Management 22:221-231.

Peters, S. S. 1957. Food habits of the Newfoundland Willow Ptarmigan. M. Sc. Thesis. Cornell University.

Peters, S. S. 1958. Food habits of the Newfoundland Willow Ptarmigan. Journal of Wildlife Management 22:384-394.

Peters, S. S. 1963. Population dynamics of the Newfoundland Willow Ptarmigan of the Avalon Peninsula. PhD Dissertation. Cornell Univ.

Petty, S. J. 1995. Assessment of fence collisions by grouse species in Scotland. Forestry Commission Research Information Note 264.

Pfeffer, J. J. 1992. Discovery of *Lagopus mutus* in the Pamir Alai Mountains (Tadjikistan). Grouse News 4:6-7

Pfeffer, J. J. 1997. Decouverte du lagopede alpin *Lagopus mutus* et observations ornithologiques au Tadjikistan. [Discovery of the Rock Ptarmigan *Lagopus mutus* and ornithological observations in Tadjikistan.] Alauda 65:179-180. (in French).

Phillips, J. 2001. Range management for Red Grouse. Pp.20-36 *IN*: Phillips, J.D.P., D. B. A. Thompson, and W. H. Gruellich (Eds.). 2001. Integrated upland management for wildlife, field sports, agriculture & public enjoyment. Scottish Natural Heritage, Battleby.

Phillips, J., and J. S. Duncan. 1978. Louping-ill, ticks, grouse and sheep. Annals of Applied Biology 88:346-347.

Phillips, J., J. B. Steen, S. G. Raen, and F. Aalerud. 1992. Effects of burning and cutting on vegetation and on the population of Willow Grouse *Lagopus lagopus* in Norway. Fauna Norvegica Series C Cinclus 15:37-42.

Picozzi, N. 1968. Grouse bags in relation to the management and geology of heather moors. Journal of Applied Ecology 5:483-488.

Picozzi, N. 1971. Breeding performance and shooting bags of Red Grouse in relation to public access in the Peak District National Park, England. Biological Conservation 3:211-215.

Piertney, S. B. 2003. Major histocompatability complex B-LB gene variation in Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 9:251-259.

Piertney, S. B., and J. F. Dallas. 1997. Isolation and characterization of hypervariable microsatellites in the Red Grouse *Lagopus Lagopus scoticus*. Molecular Ecology 6:93-95.

Piertney, S. B., X. Lambin, A. D. C. Maccoll, K. Lock, P. J. Bacon, J. F. Dallas, F. Leckie, F. Mougeot, P. A. Racey, S. Redpath, and R. Moss. 2008. Temporal changes in kin structure through a population cycle in a territorial bird, the Red Grouse *Lagopus lagopus scoticus*. Molecular Ecology 17:2544-2551.

Piertney, S. B., A. D. C. MacColl, P. J. Bacon, and J. F. Dallas. 1998. Local genetic structure in Red Grouse (*Lagopus lagopus scoticus*): evidence from microsatellite DNA markers. Molecular Ecology 7:1645-1654.

Piertney, S. B., A. D. C. MacColl, P. J. Bacon, P. A. Racey, X. Lambin, and J. F. Dallas. 2000. Matrilineal genetic strcutre and female-mediated gene flow in Red Grouse (*Lagopus Lagopus scoticus*): an analysis using mitochondrial DNA. Evolution 54:279-289.

Piertney, S. B., A. D. C. MacColl, X. Lambin, R. Moss, and J. F. Dallas. 1999. Spatial distribution of genetic relatedness in a moorland population of Red Grouse (*Lagopus lagopus scoticus*). Biology Journal of the Linnean Society. 68:317-331.

Piertney, S. B., and L. M. I. Webster. 2010. Characterising functionally important and ecologically meaningful genetic diversity using a candidate gene approach. Genetica 138:419-432. (Red Grouse).

Piminov, V. N. 1983. Preliminary results of automatic marking of the Willow Grouse in southern Yamal. Ornitologiya 1983:102-105.

Piminov, V. N. 1991. The reproduction of Willow Grouse in southern Yamal. Pp. 609-610 *IN*: Global trends in wildlife management. 18th. Congress of International Union of Game Biologists. Krakow, Poland.

Piminov, V. N., and L. V. Gogoleva. 1988. [Behavioural peculiarities of the Willow Grouse *Lagopus lagopus* and the alpine Ptarmigan *Lagopus mutus* during the winter period.] [Behaviour of game animals.] 1988:66-74, 178-179.

Piminov, V, and V. I. Litun. 1989. [Spatial differentiation of the sexes in Willow

Grouse.] Ekologiya i resursy okhotniche-promyslovykh ptits. [Ecology and resources of game birds.] Pages:60-69, 153.

Piminov, V, and V. I. Litun. 1989. [Diet of the Willow Grouse in southern Yamal.] Ekologiya i resursy okhotniche-promyslovykh ptits. [Ecology and resources of game birds.] Pages:69-80, 153.

Piner, S. 2007. A 'rogue' Willow Grouse in Finland. Birding World 20(8):336-337.

Pirovano, A., and D. Bocchiola. 2010. Impact of transient climate change upon grouse population dynamics in the Italian Alps. Geophysical Research Abstracts Vol. 12, EGU2010-5635-2, 2010, EGU General Assembly 2010. (abstract only). (Black Grouse, Rock Ptarmigan).

Potapov, R. L. 1985. [Order Galliformes Part 2. Family Tetraonidae. Volume 3 Part 1.] Fauna SSSR, Suppl. 133:1-637. (in Russian).

Potapov, R. L. 2004. About "Decouverte du lagopede alpin *Lagopus mutus* et observations ornithologiques au Tadjikistan", Alauda (1997), 65: 179-180 by J.J. Pfeffer. Alauda 72:338-339.

Potapov, R. 2010. On the impact of ice crust above snow burrows of grouse. Grouse News 40:28-31. (Rock Ptarmigan, Black Grouse).

Potapov, R. L., O. R. Potapova, and E. A. Pavlova. 2003. The genus *Lagopus* Brisson, 1760: taxonomy, palaeontological data and evolution. Proceedings of the Zoologic Institute, Russian Academy of Science 299:101-120.

Potapova, O. R. 1986. The Pleistocene ptarmigans *Lagopus* from the northern Urals. Proceedings of the Zoological Institute, Leningrad. 147:46-58.

Potts, G. R. 1979. Sheep, sheep ticks, grouse and hill farming. Game Conservancy Annual Review 1979:24-30.

Potts, G. R. 1979. Sheep, grouse and the castor bean tick. Game Conservancy Annual Review 1978:93-94.

Potts, G. R., S. C. Tapper, and P. J. Hudson. 1984. Population fluctuations in Red Grouse: analysis of bag records and a simulation model. Journal of Animal Ecology 53:21-36.

Price, A. J. 1994. Aspects of rearing Red Grouse (*Lagopus lagopus scoticus* (Lath.)) in captivity and their release onto moorland. Ph. D. Dissertation Aberdeen University.

Pruett, C. L., T. N. Turner, C. M. Topp, S. V. Zagrebelny, and K. Winker. 2010.

Divergence in an archipelago and its conservation consequences in Aleutian Island Rock Ptarmigan. Conservation Genetics 11:241-248.

Pruett, C. L., and K. Winker. 2008. Evidence for cryptic northern refugia among high- and temperate-latitude species in Beringia: a response to Stewart and Dalen (2008). Climatic Change 86:23-27.

Pulliainen, E. 1968. On the sex determination and weight of the Willow Grouse (*Lagopus lagopus*) in Finnish Lapland. Suomen Riista 20: 43-49.

Pulliainen, E. 1969. Sex and age ratios in the bag of the Willow Grouse and Rock Ptarmigan in Northern Finland in the years 1966/67 and 1967/68. Suomen Riista 21: 108-115.

Pulliainen, E. 1970. Winter nutrition of the Rock Ptarmigan, *Lagopus mutus* (Montin), in northern Finland. Annals Zoologica Fennici 7: 295-302.

Pulliainen, E. 1970. Color variation and sex identification in the Rock Ptarmigan (*Lagopus mutus*) in Finland. Vestnik Leningradskogo Universiteta, Biol. Ser. No. 4, pp. 22-28.

Pulliainen, E., 1975. Choice of prey by a pair of Gyrfalcons *Falco rusticolus* during the nesting period in Forest-Lapland. Ornis Fennici 52:19-22.

Pulliainen, E. 1975. Structure of two Willow Grouse (*Lagopus lagopus*) populations in a Finnish Fjeld Lapland in the winters of 1972-1974. Annals Zoologica Fennici 12:263-267.

Pulliainen, E. 1976. Small intestine and caeca lengths in the Willow Grouse (*Lagopus lagopus*) in Finnish Lapland. Annals Zoologica Fennici 13: 195-199.

Pulliainen, E. 1978. Behaviour of a Willow Grouse *Lagopus lagopus lagopus* at the nest. Ornis Fennica 55:141-148.

Pulliainen, E. 1980. Heart/body weight ratio in the Willow Grouse *Lagopus lagopus* and Rock Ptarmigan *Lagopus mutus* in Finnish Lapland. Ornis Fennica 57:88-90.

Pulliainen, E. 1981. Weights of the crop contents of *Tetrao urogallus*, *Lyrurus tetrix*, *Tetrastes bonasia* and *Lagopus lagopus* in Finnish Lapland in autumn and winter. Ornis Fennica 58:64-71.

Pulliainen, E. 1981. Comparison des strategies de reproduction de recherche alimentaire et d'hivernage du grand tetras (*Tetrao urogallus* L.) et du lagopede décosse (*Lagopus lagopus* L.). Leur importance ecologique pour la protection. [Comparison of the strategies of food reproduction of research and wintering of Capercaillie (*Tetrao urogallus* L.) and of the Willow Grouse (*Lagopus lagopus*

L). Their ecologic importance for protection.] Du Colloque Sur Le Grand Tetras, Colmar, France, pp. 46-60. (in French).

Pulliainen, E. 1982. Food selection in the tetraonid hybrids *Lyrurus tetrix* x *Tetrao urogallu*s, *Lyryrus tetrix* x *Lagopus lagopus* and *Tetrao urogallus* x *Lagopus lagopus*. Ornis Fennica 59: 170-174.

Pulliainen, E. 1982. [Autumn and winter habitat selection in the Willow Grouse (*Lagopus lagopus*) in northern Finland.] Suomen Riista 29: 46-52. (in Finnish with English summary).

Pullianen, E. 1984. Adaptive responses of the Willow Grouse (*Lagopus lagopus*) to predictable subarctic conditions. Pp. 69-79 *In*: P. J. Hudson and T. Lovell (*Eds*.) Proceedings of the Third International Grouse Symposium, York, 1984.

Pullianen, E. 1985. Incubation capability and clutch size of the Willow Grouse *Lagopus lagopus*. Ornis Fennica 62:172.

Pulliainen, E. and H. Eskonen. 1982. Chemical composition of plant matter eaten by young chicks of the Willow Grouse *Lagopus lagopus* in northern Finland. Ornis Fennica 59: 146-148.

Pulliainen, E. and J. Iivanainen. 1981. Winter nutrition of the Willow Grouse (*Lagopus lagopus* L.) in the extreme north of Finland. Annals Zoologica Fennici 18: 263-269.

Pulliainen, E., L. Paloheimo, and L. Syrjala. 1968. Digestibility of blueberry stems (*Vaccinium myrtillus*) and cowberries (*Vaccinium vits-idaea*) in the Willow Grouse (*Lagopus lagopus*). Annales Academiae Scientiarium Fennicae A.IV 126:1-15.

Pulliainen, E., and L. J. Salo. 1973. Food selection by the Willow Grouse (*Lagopus lagopus*) in laboratory conditions. Annals Zoologica Fennici 10: 445-448.

Pulliainen, E. and P. Tunkkari. 1983. Seasonal changes in the gut length of the Willow Grouse *(Lagopus lagopus*) in Finnish Lapland. Annals Zoologica Fennici 20: 53-56.

Pulliainen, E. and P. Tunkkari. 1984. Seasonal changes in the weight and composition of the liver of the Willow Grouse (*Lagopus lagopus*) in the far north of Finland. Annals Zoologica Fennici 21: 153-156.

Pulliainen, E. and P. S. Tunkkari. 1986. Seasonal changes in the mineral content of the liver of the Willow Grouse (*Lagopus lagopus*) in the far north of Finland. Ornis Fennica 63: 54-55.

Pulliainen, E., and P. S. Tunkkari. 1991. Responses by the Capercaillie *Tetrao urogallus*, and the Willow Grouse *Lagopus lagopus*, to the green matter available in early spring. Holarctic Ecology 14:156-160.

Pyle, P. 2007. Revision of molt and plumage terminology in ptarmigan (Phasianidae: *Lagopus* spp.) based on evolutionary considerations. Auk 124:508-514.

Quick, H. F. 1957. Winter foods of White-tailed Ptarmigan in Colorado. Condor 49:233-235.

Quintela, M., S. Berlin, B. Wang, and J. Hoglund. 2010. Genetic diversity and differentiation among *Lagopus lagopus* populations in Scandinavia and Scotland: evolutionary significant units confirmed by SNP markers. Molecular Ecology 19:2380-2393.

Quintela, M., C.-G. Thulin, and J. Hoglund. 2010. Detecting hybridization between Willow Grouse (*Lagopus lagopus*) and Rock Ptarmigan (*L. muta*) in central Sweden through Bayesian admixture analyses and mtDNA screening. Conservation Genetics 11:557-569.

Raa, J., P. Moen, and J. B. Steen. 1976. A nutrition dependent anti-microbial principle in tissue of Willow Ptarmigan *Lagopus lagopus*. Journal of Sci. Food Agric. 27:773-776.

Racey, K. 1939. Bald Eagle with Willow Grouse. The Murrelet 20:10.

Rae, S. R. 1994. Individual dispersion and productivity of ptarmigan in relation to their selection of food and cover. Ph. D. Dissertation. University of Aberdeen.

Raethel, S. 1955. Das Moorschneehuhn (*Lagopus lagopus* subspec.) im Winter in Transkaukasien. [The Willow Ptarmigan (*Lagopus lagopus* subspec.) in the winter in Transkaukasien.] Journal of Ornithology 96:214-215. (in German).

Rajala, P. 1966. On the choice of plant diet and feeding in trees of the Willow Grouse (*Lagopus lagopus*) and Ptarmigan (*Lagopus mutus*) in winter. Suomen Riista 19:79-93.

Rajala, P., and H. Lindén. 1981. Metsakanalintukannat 1974-77 seka kannanmuutokset 1964 lahtien. [Finnish tetraonid populations in 1974-77 and population trends in the period 1964-77 according to the August route-censuses.]. Suomen Riista 28:15-24. (in Finnish with English summary).

Rätti, O., T. Hollmen, and P. Helle. 1998. [Parasites in Finnish grouse species]. Suomen Riista 44: 81-92. (in Finnish).

Rausch, R. 1951. Studien an der Helminthenfauna von Alaska. IV.*Haploparaxis galli*

n. sp., ein Cestode aus dem Schneehuhn,*Lagopus rupestris* (GMELIN). [Studies of the helminthic fauna of Alaska. IV. *Haploparaxis galli* N. Sp., a cestode from the snow chicken, *Lagopus rupestris* (Gmelin).]. Z Parasitenkd. 15:1-3. (in German).

Rausch, R. L. 1969. *Davainea lagopodis* sp. nov. (Cestoda; Davaineidae) from grouse (Tetraonidae) (Studies on the helminth fauna of Alaska, XLVI). Helminthologia 10:185-190.

Redpath, S. 1987. The effects of hen harriers on grouse production. Game Conservancy Annual Review 1987:151-153.

Redpath, S. M. 1989. The effect of Hen Harriers and other predators on Red Grouse populations in Scotland. Ph. D. Dissertation. University of Leeds.

Redpath, S. 1990. Hen Harriers facilitating predation of Red Grouse chicks by Buzzard. British Birds 83(3):116.

Redpath, S. M. 1991. The impact of Hen Harriers on Red Grouse breeding success. Journal of Applied Ecology 28:659-671.

Redpath, S. M.. 1992. Behavioural interactions between Hen Harriers and their moorland prey. Ornis Scandinavica 23:73-80.

Redpath, S. M., B. E. Arroyo, F. M. Leckie, P. Bacon, N. Bayfield, R. J. Gutierrez, and S. J. Thirgood. 2004. Using decision modeling with stakeholders to reduce human-wildlife conflict: a raptor-grouse case study. Conservation Biology 18:350-359.

Redpath, S. M., B. E. Arroyo, F. M. Leckie, P. Bacon, N. Bayfield, S. J. Thirgood, and R. J. Gutierrez. 2002. Toward a resolution of the raptor-grouse conflict in upland Britain – the application of decision modeling with stakeholders. Report on Workpackage 5 – Deliverable no. 18. Reconciling gamebird hunting and biodiversity (REGHAB). 27pp.

Redpath, S. M., F. Mougeot, F. M. Leckie, D. A. Elston, and P. J. Hudson. 2006. Testing the role of parasites in driving the cyclic population dynamics of a gamebird. Ecology Letters 9:410-418.

Redpath, S. M., F. Mougeot, F. M. Leckie, and S. A. Evans. 2006. The effects of autumn testosterone on survival and productivity in Red Grouse, *Lagopus lagopus scoticus*. Animal Behavior 71:1297-1305.

Redpath, S. M., and S. J. Thirgood. 1997. Can raptor predation limit or regulate grouse populations? I. Functional and numerical response of raptors. Wildlife Biology 3:288. Abstract only.

Redpath, S. M., and S. J. Thirgood. 1999. Numerical and functional responses in generalist predators: Hen Harriers and peregrines in Scottish grouse moors. Journal of Animal Ecology 68:879-892.

Redpath, S., and S. J. Thirgood. 2003. The impact of Hen Harrier (*Circus cyaneus*) predation on Red Grouse (*Lagopus lagopus scoticus*) populations: linking models with field data. Birds of prey in a changing environment. Natural Heritage of Scotland Vol 12, pp.499-510.

Redpath, S., and S. Thirgood. 2009. Hen Harriers and Red Grouse: moving towards consensus? Journal of Applied Ecology 64:961-963.

Redpath, S. M., S. J. Thirgood, and F. M. Leckie. 2001. Does supplementary feeding reduce predation of Red Grouse by Hen Harriers? Journal of Applied Ecology 38:1157-1168.

Redpath, S. M., S. J. Thirgood, and I. Newton. 1997. Birds of prey and Red Grouse. Stationary Ofiice, London. 148pp.

Reed, T. 1984. Grouse moors and wading birds. Game Conservancy Annual Review 1983:57-60.

Reid, H. W. 1975. Experimental infection of Red Grouse with louping-ill virus. I. The viraemia and antibody response. Journal of Comparative Pathology 85:223-229.

Reid, H. W. 1984. Epidemiology of louping-ill virus. Pages 161-178 *in* Vectors in Virus Biology (M. A. Mayo and K. A. Harrap, eds.). Academy Press, London.

Reid, H. W., and J. B. Boyce. 1974. Louping-ill virus in Red Grouse in Scotland. Vet. Rec. 95:150.

Reid, H. W., J. S. Duncan, J. D. B. Phillips, R. Moss, and A. Watson. 1978. Studies on louping-ill virus (flavivirus group) in wild Red Grouse (*Lagopus lagopus scoticus*). Journal of Hygiene. 81:321-329.

Reid, H. W., R. Moss, I. Pow, and D. Buxton. 1980. The response of three grouse species (*Tetrao urogallus, Lagopus mutus, Lagopus lagopus*) to louping-ill virus. Journal of Comparative Pathology 90:257-263.

Reierth, R., and K.-A. Stokkan. 1998. Dual entrainment by light and food in the Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). Journal of Biological Rhythm 13:393-402.

Reierth, R., and K.-A. Stokkan. 1998. Activity rhythm in High Arctic Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). Canadian Journal of Zoology 76:2031-

2039.

Reierth, R., T. J. Van't Hof, and K.-A. Stokkan. 1999. Seasonal and daily variation in plasma melatonin in the High-Arctic Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). Journal of Biological Rhythms 14:314-319.

Reif, V., R. Tornberg, and K. Huhtala. 2004. Juvenile grouse in the diet of some raptors. Journal of Raptor Research. 38:243-249.

Revermann, R. 2006. Suitable habitat for ptarmigan (*Lagopus muta helvetica* Thienemann 1829) in the Swiss Alps and its response to rapid climate change in the 21st century – a multiscale approach (DAAD-Stipendiat). Thesis. University of Potsdam, Germany.

Revermann, R., N. Zbinden, H. Schmid, and B. Schroeder. 2007. Habitatmodelle fur das Alpenschneehuhn *Lagopus muta helvetica* in den Schweizer Alpen – Skaleneffekte und mogliche Auswirkungen des Klimawandels. [Habitat model for the Rock Ptarmigan *Lagopus muta helvetica* in the Swiss alps - scale effects and possible effects of climate change.]. Vogelwarte 45:276-277. (in German).

Reynolds, S. J. 2003. Mineral retention, medullary bone formation, and reproduction in the White-tailed Ptarmigan (*Lagopus leucurus*): a critique of Larison et al. (2001). Auk 120:224-228.

Richards, C. 2004. Grouse shooting and its landscape: The management of grouse moors in Britain. Anthropology Today 20(4):10-15.

Rimpi, C. 2005. The effect of hunting ground experience for hunting success of Willow Grouse (*Lagopus lagopus*). Undergraduate Thesis. Swedish University of Agriculture Science.

Robb, L. A., K. Martin, and S. J. Hannon. 1992. Spring body condition, fecundity, and survival in female Willow Ptarmigan. Journal of Animal Ecology 61:215-223.

Roberts, H. A. 1963. Aspects of the life history and food habitats of Rock and Willow Ptarmigan. M. Sc. Thesis. University of Alaska. 108pp.

Robertson, P. A., K. J. Park, and A. F. Barton. 2001. Loss of heather *Calluna vulgaris* moorland in the Scottish uplands: the role of Red Grouse *Lagopus lagopus scoticus* management. Wildlife Biology 7:11-16.

Robertson, P. A., and P. J. Hudson. 1997. Patterns of density dependence within and between populations of Red Grouse *Lagopus lagopus scoticus* in Britain. Wildlife Biology 3:292. Abstract only.

Robson, G., and I. C. Carter. 1999. Do raptors disturb driven grouse shoots?: a pilot study in northern England. English Nature research reports, no. 342. 16pp.

Robson, G., and I. C. Carter. 2001. Do raptors disturb driven grouse shoots?: a study in northern England. English Nature research reports, no. 401.

Rodrigue, J., L. Champoux, D. Leclair, and J. F. Duchesne. 2007. Cadmium concentrations in tissues of Willow Ptarmigan (*Lagopus lagopus*) and Rock Ptarmigan (*Lagopus muta*) in Nunavik, Northern Quebec. Environmental Pollution 147:642-647.

Rodrigue, J., R. McNicoll, D. Leclair, and J. –F. Dushesne. 2005. Lead concentrations in Ruffed Grouse, Rock Ptarmigan, and Willow Ptarmigan in Quebec. Archives of Environmental Contamination and Toxicology 49:97-104.

Rogers, G. E. 1965. Factors that should be considered in determining techniques for sexing and aging the southern White-tailed Ptarmigan: *Lagopus leucurus altipetens*. Colorado Department of Natural Resources, Division of Game, Fish and Parks. Game information leaflet no. 33

Rogers, G. E., and C. E. Braun. 1967. Ptarmigan. Colorado Outdoors 16(4):22-28.

Rorvik, K-A. 1987. Electrophoretic separation of serum esterases in Willow Ptarmigan (*Lagopus lagopus lagopus*). Hereditas. 107:191-195.

Rorvik, K.-A. 1989. Inheritance of electrophoretic variants of serum esterases in Willow Ptarmigan (*Lagopus lagopus lagopus*). Hereditas 110:127-131.

Rorvik, K.-A. 1998. [The population genetics of the Willow Ptarmigan (*Lagopus lagopus lagopus*).] Ph. D. Thesis. University of Oslo.

Rorvik, K-A., H. C. Pedersen, and J. B. Steen. 1990. Genetic variation and territoriality in Willow Ptarmigan (*Lagopus lagopus lagopus*). Evolution 44:1490-1497.

Rorvik, K-A., H. C. Pederson, and J. B. Steen. 1998. Dispersal in Willow Ptarmigan *Lagopus lagopus* – who is dispersing and why? Wildlife Biology 4:91-96.

Rorvik, K-A., H. C. Pederson, and J. B. Steen. 1999. An impact of genetic variation and predation on chick survival in Willow Ptarmigan *Lagopus l. lagopus*. Wildlife Biology 5:129-135.

Rorvic, K-A., H. C. Pederson, J. Olli, H. M. Gjoen, and J. B. Steen. 1999. Multiannual fluctuations in Willow Ptarmigan *Lagopus l. lagopus* – does the genetic variation of nesting females enhance the effect of predation? Wildlife Biology 5:137-145.

Rorvic, K.-A., and J. B. Steen. 1989. The genetic structure of Scandinavian Willow Ptarmigan (*Lagopus lagopus lagopus*) populations. Hereditas 110:23-35.

Rothery, P. 1983. Predictive models of population fluctuations in Red Grouse. Institute of Terrestrial Ecology Annual Report 1982:117-118.

Rothery, P. 1984. General properties of predictive population models in Red Grouse. Institute of Terrestrial Ecology Annual Report 1983:105-107.

Rothery, P., R. Moss, and A. Watson. 1984. General properties of predictive population models in Red Grouse (*Lagopus lagopus scoticus*). Oecologia 62:382-386.

Rudmann, F., P. Meile, F. Knusel, and R. Sommerhalder. 2001. Rauhfusshühner im Appenzellerland: Vorkommen, Bestandesentwicklung und Schutzmassnahmen**.** [Grouse in Appenzellerland: Occurrence, development of population and protective measures.] Schweizerische Zeitschrift fur Forstwesen 152:295-304. (in Swiss with English summary). (Capercaillie, Black Grouse, Hazel Grouse, Rock Ptarmigan).

Russell, Z. M. 2000. The effects of parasites and food on Red Grouse (*Lagopus lagopus scoticus*). Ph. D. Dissertation. University of Stirling.

Ruwet, J. C. 1982. Le grouse ou lagopede d'Ecosse (*Lagopus l. scoticus*). [The Scottish Ptarmigan (*Lagopus l. scoticus*).] Hautes Fagnes 48(3):137-138. (in French).

Ryabitsev, V. K. 1989. Origin of male flocks and population reserve in the Willow Ptarmigan. Soviet Journal of Ecology 19:166-168.

Ryan, C. 1991. Red Grouse at Liffey Head bog, County Wicklow. Irish East Coast Bird Report 1991:82-85.

Rykovskii, A. S. 1960. [The helminths of the grouse and their role in decreasing the numbers of the host.] Zool. Zhur. 39:1607-1611. (in Russian with English summary).

Ryzhanovskiy, V. N., V. K. Ryabitsev, and S. V. Shutov. 1983. Nesting densities of birds in the tundras of the Yamal Peninsula. Soviet Journal of Zoology 13:230-233.

Saari, L, E. Pulliainen, and P. Tunkkari. 2002. Differences in breeding strategies of two sympatric species of grouse Tetraonidae in northern Finland. Aquilo ser Zoologica 30:97-105.

Sablevicius, B. 1997. The Willow Grouse still living in Lithuania. Acta Zoologica Lituanica; Ornithologia 6:133-134.

Saether. T. 1989. A new taxonomic approach to the Norwegian Island Willow Grouse *Lagopus lagopus variegatus*. Fauna Norvegica Series C Cinclus 12:78-99.

Saito, S, 1989. Hens and chicks of Japanese Ptarmigan, *Lagopus mutus japonica*, on the Shirane Three Mountains, The Southern Alps. Bull. Gunma Pref. Women's Coll. 9:75-80.

Sahlman, T. 2007. Population genetic analysis of natal dispersal and substructure in three bird species. Ph. D. Dissertation. Uppsala University.

Sahlman, T., G. Segelbacher, and J. Hoglund. 2009. Islands in the ice: colonisation routes for Rock Ptarmigan to the Svalbard Archipelago. Ecography 32:840-848.

Salo, L. J. 1971. A comparison of management practices and economic importance of moose, hare and ptarmigan in Alaska and Finland. M. Sc. Thesis. University of Alaska, Fairbanks.

Salomonsen, F. 1936. On a new race of Willow Grouse. Bulletin of the British Ornithological Club 56:99-100.

Salomonsen, F. 1936. Revision of the Greenland Rock Ptarmigans. Miscellaneous notes on Greenland ornithology, III. 36pp.

Salomonsen, F. 1939. Moults and sequence of plumages in the Rock Ptarmigan (*Lagopus mutus* {Montin}). Dansk Ornithologisk Forenings Tidsskrift 103:1-491.

Salt, J. R. 1984. Some notes on White-tailed Ptarmigan in the Alberta Rockies. Alberta Nat. 14:121-125.

Sandercock, B. K. 1991. Parental investment in brood defence by Willow Ptarmigan. M. Sc. Thesis. University of Alberta.

Sandercock, B. K. 1993. Free-living Willow Ptarmigan are determinate egg-layers. Condor 95:554-558.

Sandercock, B. K. 1994. The effect of manipulated brood size on parental defence in a precocial bird, the Willow Ptarmigan. Journal of Avian Biology 25:281-286.

Sandercock, B. K., K. Martin, and S. J. Hannon. 2005. Demographic consequences of age-structure in extreme environments: population models for Arctic and alpine ptarmigan. Oecologia 146:13-24.

Sandercock, B. K., K. Martin, and S. J. Hannon. 2005. Life history strategies in extreme environments: comparative demography of Arctic and alpine ptarmigan. Ecology 86:2176-2186.

Sandercock, B. K., E. B. Nilsen, H. Broseth, and H. C. Pedersen. 2011. Is hunting mortality additive or compensatory to natural mortality? Effects of experimental harvest on the survival and cause-specific mortality of Willow Ptarmigan. Journal of Animal Ecology 80:244-258.

Sandercock, B. K., and H. C. Pedersen. 1994. The effect of renesting ability and nesting attempt on egg size variation in Willow Ptarmigan. Canadian Journal of Zoology 72:2252-2255.

Sandven, A. T. 2006. Persistent organic pollutants (POPs) in three arctic breeding bird species; Svalbard Rock Ptarmigan (*Lagopus muta hyperborea*), Little Auk (*Alle alle*) and Arctic Tern (*Sterna paradisaea*). M. Sc. Thesis. Universitetet i Bergen.

Sandys, E., and T. S. Van Dyke 1902. Upland Game Birds. McMillan.

Sato, Y., M. Hagihara, T. Yamaguchi, M. Yukawa, and K. Murata. 2007. Phylogenetic comparison of *Leucocytozoon* spp. from wild birds in Japan. Journal of Veterinary Medical Science 69:55-59.

Sato, Y., A. Tamada, Y. Mochizuki, S. Nakamura, E. Okano, C. Yoshida, H. Ejiri, S. Omori, M. Yukawa, and K. Murata. 2009. Molecular detection of *Leucocytozoon lovati* from probable vectors, black flies (Simuliudae) collected in the alpine regions of Japan. Parasitology Research 104:251-255.

Saunders, J. T. 1997. Development of foraging behavior in White-tailed Ptarmigan: the role of social transmission. M. A. Thesis. University of Northern Colorado.

Saunders, L. M., D. M. Tompkins, and P. J. Hudson. 1999. The dynamics of nematode transmission in the Red Grouse *(Lagopus lagopus scoticus)*: studies on the recovery of *Trichostrongylus tenuis* larvae from vegetation. Journal of Helminthology 73:171-175.

Saunders, L. M., D. M. Tompkins, and P. J. Hudson. 2001. Strategies for nematode transmission: selective migration of *Trichostrongylus tenuis* infective larvae. Journal of Helminthology 75:367-372.

Savory, C. J. 1974. The feeding ecology of Red Grouse in N.E. Scotland. Ph. D. Dissertation. University of Aberdeen.

Savory, C. J. 1975. Seasonal variation in the food intake of captive Red Grouse. British Poultry Science 16:471-479.

Savory, C. J. 1977. The food of Red Grouse chicks *Lagopus lagopus scoticus*. Ibis 119:1-9.

Savory, C. J. 1978. Food consumption of Red Grouse in relation to the age and productivity of heather. Journal of Animal Ecology 47:269-282.

Savory, C. J. 1983. Selection of heather age and chemical-composition by Red Grouse in relation to physiological-state, season and time of day. Ornis Scandinavica 14:135-143.

Savory, C. J. 1986. Utilization of different ages of heather on 3 Scottish moors by Red Grouse, mountain hares and red deer. Holarctic Ecology 9:65-71.

Savory, C. J. 1989. Choices facing foraging Red Grouse. Applied Animal Behaviour Science 22:86-87.

Sawa, Y., Y. Takeuchi, and H. Nakamura. 2011. Nest site selection and nesting biology of Rock Ptarmigan *Lagopus muta japonicus* in Japan. Bird Study 58:200-207.

Schaanning, H. T. L. 1920. Myt fun av Fjellrype-Orre. *Lagopus mutus* X *Lyrurus tetrix*. Stavanger Museums Aarsh., vol. 29/30, no. 3. (in Norwegian).

Schei, E., P. R. Holmstad, and A. Skorping. 2005. Seasonal infection patterns in Willow Grouse (*Lagopus lagopus* L.) do not support the presence of parasite-induced winter losses. Ornis Fennica 82:137-146.

Schei, T. 2000. Natural recreation resources: production and a diversity of interests related to the management of grouse as an outfield resource in Finmark, Norway, in the Euro-Arctic Barents Region. Ph. D. Dissertation. University Umea. 294pp.

Scherini, G. C. 1985. La pernice bianca: studio dell'alimentazione della pernice bianca in provincia di Sondrio (Alpi Retiche e Orobiche). [The Rock Ptarmigan: study of nutrition of the Rock Ptarmigan in province of Sondrio (Alpses Retiche and Orobiche).] Unione Nazionale Cacciatori Zona Alpi 52pp. (in Italian).

Scherini, G. C., G. Tosi, and L. A. Wauters. 2003. Social behaviour, reproductive biology and breeding success of Alpine Rock Ptarmigan *Lagopus mutus helveticus* in northern Italy. Ardea 91:11-23.

Schieck, J. 1988. Territory slection and site fidelity in Willow Ptarmigan: the importance of quality and familiarity with territory and partner. Ph. D. Dissertation. University of Alberta.

Schieck, J. O., and S. J. Hannon. 1989. Breeding site fidelity in Willow Ptarmigan: the influence of previous reproductive success and familiarity with partner and territory. Oecologia 81:465-472.

Schieck, J. O., and S. J. Hannon. 1992. Territory and male quality do not influence

settlement of yearling female Willow Ptarmigan. Behavioral Ecology 3:148-155.

Schieck, J. O., and S. J. Hannon. 1993. Clutch predation, cover, and the overdispersing of nests of the Willow Ptarmigan. Ecology 74:743-750.

Schlegel, H. 1856. Wie oft mag das Alpen-Schneehuhn (*Lagopus alpinus* Nils.) mausern? [How often does the snow chicken (*Lagopus alpinus* Nils) moult?] Journal of Ornithology 4:461-464.

Schmidt, R. K. Jr. 1969. Behavior of White-tailed Ptarmigan in Colorado. M. Sc. Thesis. Colorado State University, Ft. Collins.

Schmidt, R. K. Jr. 1988. Behavior of White-tailed Ptarmigan during the breeding season. Pp. 270-297 in Adaptive strategies and population ecology of northern grouse, Vol. I (A.T. Bergerud and M.W. Gratson, eds.). University of Minnesota Press, Minneapolis.

Scholes, D. T. 1995. Analysis of relatedness within a moorland population of the Red Grouse (*Lagopus lagopus scoticus*) by multilocus DNA fingerprinting. Ph. D. Dissertation. University of Liverpool.

Scholes, D. T., J. J. B. Gill, X. Lambin, and R. Moss. 1994. Multilocus DNA profiling in the Red Grouse (*Lagopus lagopus scoticus*). Tropical Agricultural Research 6:202-210.

Schuppli, C. A. 1993. Factors that influence the timing of reproduction in Willow Ptarmigan (*Lagopus lagopus*). M. Sc. Thesis. University of Alberta.

Schwab, F. E., N. P. P. Simon, and S. Nash. 2005. Age and sex segregation of wintering Willow Ptarmigan in Labrador. Northwestern Naturalist 12:113-118.

Schweiger, A,-K., U. Nopp-Mayr, and M. Zohmann. 2011. Small-scale habitat use of Black Grouse (*Tetrao tetrix* L.) and Rock Ptarmigan (*Lagopus muta helvetica* Thienemann) in the Austrian Alps. European Journal of Wildlife Research XXX:XXX-XXX (online early).

Scott, M. D. 1982. Distribution and habitat use of White-tailed Ptarmigan in Montana. Proceedings of the Montana Academy of Science 41:57-66.

Scott, M. D. 1984. A White-tailed Ptarmigan with black retrices. Condor 86:94-95.

Sdobnikov, V. M. 1957. Siberian Rock Ptarmigan (*Lagopus mutus kellogae*) at the Northern Limit of Its Distribution. Tr. Arkt. Inst. 205:63–71.

Seivwright, L. J. 2004. Patterns of *Trichostrongylus tenuis* infection in individual Red Grouse (*Lagopus lagopus scoticus*). Ph. D. Dissertation. University of Stirling.

Seivwright, L. J., S. M. Redpath, F. Mougeot, F. Leckie, and P. J. Hudson. 2005. Interactions between intrinsic and extrinsic mechanisms in a cyclic species: testosterone increases parasite infection in Red Grouse. Proceedings of the Royal Society of Biological Science 272:2299-2305.

Seivwright, L. J., S. M. Redpath, F. Mougeot, L. Watt, and P. J. Hudson. 2004. Faecal egg counts provide a reliable measure of *Trichostrongylus tenuis* intensities in free-living Red Grouse *Lagopus lagopus scoticus*. Journal of Helminthology 78:69-76.

Sekerak, A. D., N. Stallord, and D. Patterson. 1990. Ptarmigan gamefarming in the Northwest Territories: goals, costs and implementation of a demonstration project. Northwest Territories Department of Natural Resources. 31pp.

Selas, V. 2006. Patterns in grouse and Woodcock *Scolopax rusticola* hunting yields from central Norway 1901–24 do not support the alternative prey hypothesis for grouse cycles. Ibis 148:678-686.

Selas, V., and J. A. Kalas. 2007. Territory occupancy rate of Goshawk and Gyrfalcon: no evidence of delayed numerical response to grouse numbers. Oecologia 153:555-561.

Selas, V., G. A. Sonerud, E. Framstad, J. A. Kalas, S. Kobro, H. B. Pedersen, T. Kr. Spidso, and O. Wiig. 2011. Climate change in Norway: warm summers limit grouse reproduction. Population Ecology 53:361-371. (Black Grouse, Capercaillie, Willow Grouse).

Selden, P. A., and R. M. H. Smith. 1978. The provenence of gizzard grit from the Red Grouse *Lagopus lagopus scoticus* of Bleaklow Derbyshire, England, UK. Naturalist 103(947):145-150.

Seligmann, C. G., and L. W. Sanbon. 1907. Preliminary note on a leucocytozoon found in the blood of the Red Grouse (*Lagopus scoticus*). Lancet. 2:829-830.

Semenov-Tian-Shanskii, O. I. 1960. [Ecology of grouse in the Lapland Reserve.] Proceedings of the Lapland Reserve 5:1-318. (in Russian).

Semenov-Tian-Shanskii, O. I. 1983. Biologiia razmnozheniia teterevinykh ptits na Severe. [Biology of the reproduction of grouse birds in the north.] (in Russian).

Sevast'anov, G. N. 1975. [Distribution of grouse in the southern taiga of Moki-ASSR USSR.] Ekologiya 6:92-94. (Soviet Journal of Ecology 6:467-469.) (in Russian).

Sharp. P. J. 1978. Hypothalamo-pituitary-testicular relationships in photo-refractory Red

Grouse (*Lagopus lagopus scoticus*). General and Comparative Endocrinology 34:80.

Sharp, P. J. 1982. Season breeding in grouse. Pp. 191-195 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Sharp, P. J., D. G. Armstrong, and R. Moss. 1986. Changes in aromatase activity in the neuroendocrine tissues of Red Grouse (*Lagopus lagopus scoticus*) in relation to the development of long-day refractoriness. Journal of Endocrinology 108:129-135.

Sharp, P. J., and R. Moss. 1977. The effects of castration on concentrations of luteinizing hormone in the plasma of photorefractory Red Grouse (*Lagopus lagopus scoticus*). General Compative Endocrinology 32:289-293.

Sharp, P. J., and R. Moss. 1981. A comparison of the responses of captive Willow Ptarmigan (*Lagopus lagopus lagopus*), Red Grouse (*Lagopus lagopus scoticus*), and hybrids to increasing daylengths with observations on the modifying effects of nutrition and crowding in Red Grouse. General Compative Endocrinology 45:181-188.

Sharp, P. J., R. Moss, and A. Watson. 1975. Seasonal variations in plasma luteinizing hormone in male Red Grouse (*Lagopus lagopus scoticus*). Journal of Endocrinology 64:44.

Sharpe, C. 2005. Defence attack by Red Grouse on Hen Harrier. British Birds 98:316.

Shaw, D. J., D. T. Haydon, A. M. Cattadori, P. J. Hudson, and S. J. Thirgood. 2004. The shape of Red Grouse cycles. Journal of Animal Ecology 73:767-776.

Shaw, J. L. 1988. Epidemiology of the caecal threadworm *Trichostrongylus tenius* in Red Grouse (*Lagopus lagopus scoticus* (Lath.)). Ph. D. Dissertation. University of Aberdeen.

Shaw, J. L. 1988. Arrested development of *Trichostrongylus tenuis* as third stage larvae in Red Grouse. Research in Veterinary Science 45:256-258.

Shaw , J. L., and R. Moss. 1989. The role of parasite fecundity and longevity in the success of *Trichostrongylus tenuis* in low density Red Grouse populations. Parasitology 99:253-258.

Shaw, J. L., and R. Moss. 1989. Factors affecting the establishment of the caecal threadworm *Trichostrongylus tenuis* in Red Grouse (*Lagopus lagopus scoticus*). Parasitology 99:259-264.

Shaw, J. L., and R. Moss. 1990. Effects of the caecal nematode *Trichostrongylus tenuis* on egg-laying by captive Red Grouse. Research in Veterinary Science 48:59-63.

Shaw, J. L., R. Moss, and A. W. Pike. 1989. Development and survival of the free-living stages of *Trichostrongylus tenuis*, a caecal parasite of Red Grouse *Lagopus lagopus scoticus*. Parasitology 99:105-113.

Sheridan, S. 2008. Restoration of blanket bog vegetation as a habitat for Red Grouse following clearance of immature Sitka spruce forest on the west coast of Scotland. Ph. D. Dissertation, University of Newcastle upon Tyne. 194pp.

Shipley, A. E. 1909. The ectoparasites of the Red Grouse (*Lagopus scoticus*). Proceedings of the Zoological Society of London. 1909(B):309-334.

Shipley, A. E. 1909. The thread-worms (Nematoda) of the Red Grouse (*Lagopus scoticus*). Proceedings of the Zoological Society of London 1909(B):335-350

Shipley, A. E. 1909. Internal parasites of birds allied to the grouse. Proceedings of the Zoological Society of London. 1909(B):363-368.

Shipley, A. E., and W. Bygrave. 1909. The tape-worms (Cestoda) of the Red Grouse (*Lagopus scoticus*). Proceedings of the Zoological Society of London. 1909(B):351-363.

Sinkevcius, S. 1990. The Willow Grouse (*Lagopus lagopus*) in Lithuania. Acta Ornithologica Lituanica 3:134-135, 160.

Skagen, S. K. 1980. Ecology and breeding behavior of White-tailed Ptarmigan on Sourdough Ridge, North Cascades National Park, Washington. 20pp.

Skinner, W. R., D. P. Snow, and N. F. Payne. 1998. A capture technique for juvenile Willow Ptarmigan. Wildlife Society Bulletin 26:111-112.

Skirnisson, K. 1998. Parasites of the Rock Ptarmigan (*Lagopus mutus*) in Iceland. Bulletin of the Scandinavian Society of Parasitology 8:79-80.

Skirnisson, K., and S. Th. Thorarinsdottir. 2007. Two new *Eimeria* species (Protozoa: Eimeriidae) from wild Rock Ptarmigans, *Lagopus muta islandorum*, in Iceland. Parasitology Research 101:1077-1081.

Skoglund, P., and J. Hoglund. 2010. Sequence polymorphism in candidate genes for differences in winter plumage between Scottish and Scandinavian Willow Grouse (*Lagopus lagopus*). PLoS ONE 5(4):e10334. doi:10.1371/journal.pone.0010334

Slagsvold, T. 1975. Production of young by the Willow Grouse (*Lagopus lagopus* [L.]) in Norway in relation to temperature. Norwegian Journal of Zoology 22:269-

275.

Slipantschuk, J., E. Ullner, M. D. Baptista, M. Zeineddine, and M. Thiel. 2010. Abundance of stable periodic behavior in a Red Grouse population model with delay: a consequence of homoclinicity. Chaos 20(4):045117.

Slotta-Bachmayr, L., and N. Winding. 1994. Verteilung und Siedlungsdichte von Schnee- und Birkhuhn (*Lagopus mutus, Tetrao tetrix*) im Laufe der Vegetationsperiode im Wald- und Baumgrenzebereich (Hohe Tauern, Oesterreich). [Distribution and settlement density of Rock Ptarmigan and Black Grouse (*Lagopus mutus, Tetrao tetrix*) in the course of the vegetation period in the forest and timber line range (high Tauern, Austria).] Ornithol. Beob. 91:195-202. (in German with English summary).

Smedshaug, C. A. 2001. Was high grouse bag in early 20th century Norway due to a program for extermination of small game predators? Ecography 24:579-587.

Smith, A. 1993. The Swedish Willow Grouse project. Grouse News 6:8-9.

Smith, A. A. 1997. Movement, dispersal and survival patterns of Swedish Willow Grouse (*Lagopus lagopus lagopus* L.). Ph. D. Thesis. University of Oxford.

Smith, A. A. 1997. Dispersal and movements in a Swedish Willow Grouse *Lagopus lagopus* population. Wildlife Biology 3:279. Abstract only.

Smith, A., S. Redpath, and S. Campbell. 2000. The influence of moorland management on grouse and their predators. DETR, Bristol. 97pp.

Smith, A. A., S. M. Redpath, S. T. Campbell, and S. J. Thirgood. 2001. Meadow Pipits, Red Grouse and the habitat characteristics of managed grouse moors. Journal of Applied Ecology 38:390-400.

Smith, A., and T. Willebrand. 1999. Mortality causes and survival rates of hunted and unhunted Willow Grouse. Journal of Wildlife Management 63:722-730.

Smith, A. C., J. A. Virgl, D. Panayi, and A. R. Armstrong. 2005. Effects of a diamond mine on tundra-breeding birds. Arctic 58:295-304. (Rock Ptarmigan, Willow Ptarmigan).

Smith, C. B. 1909. Notes on Willow Grouse (*Lagopus lagopus*). Aviculturist Magazine 7:252-256.

Smith, H. H. 1911. Exhibition of, and remarks upon, a specimen of the Red Grouse. Proceedings of the Zoological Society of London. 1911:100,314.

Smith, T. L. 1948. Growth and decline of an artificial grouse moor. Scottish Naturalist

60:99-106.

Smout, S., C. Asseburg, J. Matthiopoulos, C. Fernandez, S. Redpath, S. Thirgood, and J. Harwood. 2010. The functional response of a generalist predator. PLOS One 5:e10761. (Red Grouse).

Snow, D. P. 1996. Effects of prescribed burning on Willow Ptarmigan in Newfoundland. M. Sc. Thesis. University of Wisconsin – Steven's Point.

Snyder, L .L., and T. M. Shortt. 1936. A summary of data relative to a recent invasion of Willow Ptarmigan. Occasional Papers of the Royal Ontario Museum of Zoology No. 3:1-4.

Soikiro, T., S. Nobuo, and S. Chiba. 1969. On territory of Japanese Ptarmigan (*Lagopus mutus japonicus* Clark) in the Murodo area, Taeyama, Japan Alps, in 1967 and 1968. Misc. Rep. of the National Park for Nature Study 1:14-18. (in Japanese, with English summary).

Solberg, Y., and J. B. Steen, 1988. Composition of the diesters of alkane-2 3-diols of the uropygial gland of Willow Ptramigan *Lagopus lagopus*, Black Grouse *Tetrao tetrix*, and Capercaillie *Tetrao urogallus*. Norwegian Journal of Agricultural Science 2:67-71.

Solbraa, K. 1993. Biotopforbedring for lirype. [Habitat improvement for Willow Grouse (*Lagopus l. lagopus*). Norsk Inst. for Skogforskning 6:1-15.

Somerville, W. 1911. A note concerning the Red Grouse on the Continent. Ibis. 53:368.

Sonerud, G. A. 1988. To distract display or not: Grouse hens and foxes. Oikos 51:233-237.

Sotherton, N., S. Tapper, and A, Smith. 2009. Hen Harriers and Red Grouse: economic aspects of Red Grouse shooting and the implications for moorland conservation. Journal of Applied Ecology 46:955-960.

Sparks, T., H. Crick, N. Elkins, R. Moss, S. Moss, and K. Mylne. 2002. Birds, weather and climate. Weather 57:399-410.

Spencer, C. 1976. In search of the White-tailed Ptarmigan. Outdoor California 37:18-20.

Spidso, T. K. 1979. Food selection of Willow Grouse *Lagopus lagopus* chicks in northern Norway. M. Sc. Thesis. University of Bergen.

Spidso, T. K. 1980. Food selection by Willow Grouse *Lagopus lagopus* chicks in

northern Norway. Ornis Scandinavica 11:99-105.

Spidso, T. K., H. C. Pedersen, H. Steen, L. Kastdalen, and W. Svendsen. 1999. The effects of hunting on the Willow Grouse Population. Grouse News 17:8-13

Spottiswoode, J. 1964. The grouse moor in June. Gamekeeper 67:240-241.

Spottiswoode, J. 1969. What the grouse feed on. Gamekeeper 72:131-132.

Spottiswoode, J. 1970. Grouse and parasites. Gamekeeper 73:177-178.

Sserebrowsky, P. 1926. Neue Formen des Moorschneehuhnes (*Lagopus lagopus* (L.)). [New forms of the moorland snow chicken (*Lagopus lagopus* (L.)).] Journal of Ornithology 74:511-515. (in German).

Sserebrowsky, P. 1926. Uebersicht der in Rufsland vorkommenden Formen von *Lagopus mutus* Montin. [Overview of the forms occurring in call country of *Lagopus mutus* Montin.] Journal of Ornithology 74:691-698. (in German).

Sserebrowsky, P. 1929. Zusätze zur Uebersicht der paläarktischen Schneehühner (*Lagopus*). [Additions to the overview of the Paleoarctic snow chickens (*Lagopus*).] Journal of Ornithology 77:521-524. (in German).

Stabler, R. M., A. G. Haskins, N. J. Kitzmiller, O. W. Olson, and C. E. Braun. 1979. Two new species of coccidia, *Eimeria leucuri* and *E. oreocetes* (Protozoa: Eimeriidae), in grouse from Colorado. Journal of Parasitology 65:272-274.

Stabler, R. M., N. J. Kitzmiller, and C. E. Braun. 1971. Hematozoa from 300 Colorado White-tailed Ptarmigan, Lagopus leucurus. Journal of Protozoology 18 (Suppl):14.

Stabler, R. M., N. J. Kitzmiller, and C. E. Braun. 1974. Hematozoa from Colorado Birds, IV. Galliformes. Journal of Parasitology 60:536-537.

Stabler, R. M., N. J. Kitzmiller, and R. B. Weeden. 1967. Blood parasites in Rock Ptarmigan from Eagle Summit, Alaska. Journal of Parasitology 53:1297.

Stanford, J. K.1963. Grouse shooting. P. Marshall, London. 89pp.

Stanford, H. P. 1914. Willow Ptarmigan in Montana. Auk 31:399.

Steen, H., and K. E. Erikstad. 1996. Sensitivity of Willow Grouse *Lagopus lagopus* population dynamics to variations in demographic parameters. Wildlife Biology 2:27-35.

Steen, J. B. 1994. Ryper: rypeliv og rypejakt. [Ptarmigan: biology and hunting.]

Gyldendal: Bokklubben VillmarksLiv, Oslo. 367pp. (in Norwegian).

Steen, J. B., O. Anderson, A. Saeboe, H. C. Pederson, and K. C. Erikstad. 1988. Viability of newly hatched chicks of Willow Ptarmigan *Lagopus l. lagopus*. Ornis Scandinavica 19:93-96.

Steen, J. B., K. E. Erikstad, and K. Hoydal. 1992. Cryptic behaviour in moulting hen Willow Ptarmigan *Lagopus l. lagopus* during snow melt. Ornis Scandinavica 23:101-104.

Steen, J. B., G. W. Gabrielsen, and J. W. Kanwisher. 1988. Physiological aspects of freezing behaviour in Willow Ptarmigan hens. Acta Physiologica Scandinavica 134:299-304.

Steen, J. B., and O. A. Haugvold. 2009. Cause of death in Willow Ptarmigan *Lagopus l. lagopus* chicks and the effect of intensive, local predator control on chick production. Wildlife Biology 15:53-59.

Steen, J. B., H. C. Pedersen, K. E. Erikstad, K. B. Hansen, K. Hoydal, and A. Stordal. 1985. The significance of cock territories in Willow Ptarmigan. Ornis Scandinavica 16:277-282.

Steen, J. B., H. Steen, N. C. Stenseth, S. Myrberget, and V. Marcstrom. 1988. Microtine density and weather as predictors of chick production in Willow Ptarmigan, *Lagopus l. lagopus*. Oikos 51:367-373.

Steen, J. B., and S. Unander. 1985. Breeding biology of the Svalbard Rock Ptarmigan *Lagopus mutus hyperboreus*. Ornis Scandinavica 16:191-197.

St Georges, M., S. Nadeau, D. Lambert, and R. Decarie. 1995. Winter habitat use by ptarmigan, snowshoe hares, red foxes, and river otters in the boreal forest - tundra transition zone of western Quebec. Canadian Journal of Zoology 73:755-764.

Steiner, H., A. Schmalzer, and N. Puehringer. 2007. Limitierende Faktoren für alpine Raufusshuhn-Populationen: Management-Grundlagen nach Untersuchungen im Nationalpark Kalkalpen. [Limiting factors for alpine Rock Ptarmigan populations: Management bases after investigations in the Kalkalpen National Park.] Denisia 21. (in German).

Stejneger, L. 1884. Analecta Ornithologica. VI. On the ptarmigans of Nelson's 'Birds of the Bering Sea,' etc., especially those belongs to the group *Attagen* Kaup. Auk 1:225-236.

Stejneger, L. 1884. A new subspecies of Willow Grouse from Newfoundland. Auk 1:369.

Stejneger, L. 1884. On the shedding of the claws in the ptarmigan and allied birds. American Naturalist 18:774-776.

Stewart, D. 1884. Intelligence in animals. Nature 30:6.

Stewart, J. R. 1999. Intraspecific variation in modern and Quaternary European *Lagopus*. Smithsonian Contributions to Paleobiology. 89:159-168.

Stock, T. M., and L. E. Hunt. 1989. Site specificity of three species of lice, Mallophaga, on the Willow Ptarmigan, *Lagopus lagopus* , from Chilkat Pass, British Columbia. Canadian Field-Naturalist 103:584-588.

Stoen, O.-G., P. Wegge, S. Heid, O. Hjeljord, and C. Nellemann. 2010. The effect of recreational homes on Willow Ptarmigan (*Lagopus lagopus*) in a mountain area of Norway. European Journal of Wildlife Research 56:789-795.

Stokkan, K.-A. 1979. Testosterone and daylength-dependent development of comb size and breeding plumage of male Willow Ptarmigan (*Lagopus lagopus lagopus*). Auk 96:106-115.

Stokkan, K.-A. 1979. The effect of permanent short days and castration on plumage and comb growth in male Willow Ptarmigan (*Lagopus lagopus*). Auk 96:862-867.

Stokkan, K.-A. 1982. Seasonal breeding in Willow Ptarmigan. Ph. D. Dissertation. University of Tromso.

Stokkan, K.-A. 1989. Seasonal termination of reproduction in ptarmigan. Acta. XIX Congress International Ornithologica :641-645.

Stokkan, K.-A. 1992. Energetics and adaptations to cold in ptarmigan in winter. Ornis Scandinavica 23:366-370.

Stokkan, K. A., and A. S. Blix. 1989. Survivival strategies in the Svalbard Rock Ptarmigan. Acta XIX Congress International Ornithologica :2500-2506

Stokkan, K. A., S. Harvey, H. Klandorf, S. Unander, and A. S. Blix. 1985. Endocrine changes associated with fat deposition and mobilization in Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). General Comparative Endocrinology 58:76-80.

Stokkan, K. A., K. Lindgard, and E. Reierth. 1995. Photoperiodic and ambient temperature control of the annual body mass cycle in Svalbard Ptarmigan. Journal of Comparative Physiology, B: Biochemistry, Systematics, and Environmental Physiology 165:359 - 365

Stokkan, K. A., A. Mortensen, and A. S. Blix. 1986. Food intake, feeding rhythm, and body mass regulation in Svalbard rock ptarmigan. American Journal of

Physiology, Integrative Comparative Physiology 251:264-267.

Stokkan, K. A., and P. J. Sharp. 1980. Seasonal changes in the concentrations of plasma luteinizing hormone and testosterone in Willow Ptarmigan (*Lagopus lagopus lagopus*) with observations on the effects of permanent short days. General Comparative Endocrinology 40:109-115.

Stokkan, K. A., and P. J. Sharp. 1980. The roles of day length and the testes in the regulation of plasma LH levels in photosensitive and photorefractory Willow Ptarmigan (*Lagopus lagopus lagopus*). General Comparative Endocrinology 41:520-526.

Stokkan, K. A., and P. J. Sharp. 1980. The development of photorefractoriness in Willow Ptarmigan (*Lagopus lagopus lagopus*) after the suppression of photoinduced LH release with implants of testosterone. General Comparative Endocrinology 41:527-30.

Stokkan, K. A., and P. J. Sharp. 1984. The development of photorefractoriness in castrated Willow Ptarmigan (*Lagopus lagopus lagopus*). General Comparative Endocrinology 54:402-408.

Stokkan, K. A., P. J. Sharp, I. C. Dunn, and R. W. Lea. 1988. Endocrine changes in photostimulated Willow Ptarmigan (*Lagopus lagopus lagopus*) and Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). General Comparative Endocrinology 70:169-177.

Stokkan, K. A., P. J. Sharp, and R. Moss. 1982. Development of photorefractoriness in Willow Ptarmigan (*Lagopus lagopus lagopus*) and Red Grouse (*Lagopus lagopus scoticus*) exposed to different photoperiods. General Comparative Endocrinology 46:281-287

Stokkan, K. A., P. J. Sharp, and R. Moss. 1985. Seasonal breeding in grouse and ptarmigan. Pp. 711-714 IN: Current trends in comparative endocrinology. Proceedings of the Ninth International Symposium on Comparative Endocrinology. Hong-Kong, 7-11 December 1981. Volume two.

Stokkan, K. A., P. J. Sharp, and S. Unander. 1986. The annual breeding cycle of the high-arctic Svalbard Ptarmigan (*Lagopus mutus hyperboreus*). Gen. Comp. Endocrinol. 61:446-451.

Stokkan, K. -A., and J. B. Steen. 1980. Age determined feeding behaviour in Willow Ptarmigan chicks *Lagopus lagopus lagopus*. Ornis Scandinavica 11:75-76.

Storch, I., and T. Willebrand. 1991. Workshop summary : Management implications of nest and brood predation in grouse. Proceedings of the 5th International Grouse Symposium, Elverum, Norway, 20-24 August 1990. Ornis Scandinavica. 22:271-

274.

Stubbs, F. J. 1909. Red Grouse, heather and crowberry. British Birds 3:86-88.

Summers, R. W. 1998. The length of fences in Highland woods: the measure of a collision hazard to woodland birds. Forestry 71:73-76.

Summers, R. W., and D. Dugan. 2001. An assessment of methods used to mark fences to reduce bird collisions in pinewoods. Scottish Forestry 55:23-29.

Summers, R. W., and L. G. Underhill. 1996. The dispersion of arctic breeding birds according to snow-free patch dimensions during the spring thaw in the north-eastern Taimyr Peninsula, Russia. Polar Biology 16:331-333.

Sundstol, F., and D. Aulstad. 1973. Effect of protein content and physical form on concentrate intake in captive willow ptarmigan (*Lagopus lagopus*). Acta Agriculturæ Scandinavica 23:232-234.

Sutton, G. M., and D. F. Parmelee. 1956. The Rock Ptarmigan in southern Baffin Island. Wilson Bulletin 68:52-62

Takagi, K. 1994. Raicho. [Rock Ptarmigan.]: The snow grouse in Japan Alps. Yamato Keikokusha, Tokyo. 63pp. (in Japanese with English subtitle).

Tanhuanpaa, E., and E. Pulliainen. 1969. Major fatty acid composition of some organ fats in the Willow Grouse (*Lagopus lagopus*) and the Rock Ptarmigan (*Lagopus mutus*) Annales Academiae Scientiarum Fennicae. Series A. IV. Biologica 141:1-14.

Tape, K. D., R. Lord, H.-P. Marshall, and R. W. Ruess. 2010. Snow-mediated ptarmigan browsing and shrub expansion in arctic Alaska. Ecoscience 17:186-193. (Willow Ptarmigan, Rock Ptarmigan).

Tarasov, V. V. 1997. Populiatsionnaia ekologiia beloi kuropatki na severnom. [Population ecology of the Willow grouse on the northern Yamal Peninsula.] Ph. D. Thesis. Ekaterinburg.

Tarasov, V. V. 1997. Fecundity of the Willow Ptarmigan in the Northern Yamal. Russian Journal of Ecology 28:107-111.

Tarasov, V. V. 1997. Reproductive Success of Willow Ptarmigan, *Lagopus lagopus*, in the Northern Yamal. Russian Journal of Ecology 28:265-268.

Tarasov, V. V. 2003. Breeding behaviour in the Willow Ptarmigan *Lagopus lagopus* at the northern limit of its breeding range. Avian Ecology and Behaviour 11:25-34.

Tarasov, V. V. 2005. Site tenacity in the Willow Ptarmigan (*Lagopus lagopus* L.) in the northern Yamal Peninsula. Russian Journal of Ecology 36:193-199.

Tarasov, V. V., and A. V. Gilev. 2007. Variation of male nuptial plumage in the Willow Ptarmigan *Lagopus lagopus* L. Russian Journal of Ecology 38:419-425.

Taverner, P. A. 1929. A study of the Canadian races of Rock Ptarmigan (*Lagopus rupestris*). National Museum of Canada Annual Report 1928:28-38.

Taverner, P. A. 1931. A new hybrid grouse *Lagopus lagopus* (Linnaeus) x *Canachites canadensis* (Linnaeus). National Museum Canada Annual Report 1930:89-91.

Taverner, P. A. 1932. A new hybrid Grouse, *Lagopus lagopus* (Linnaeus) x *Canachites canadensis* (Linnaeus). Bulletin of the National Museum of Canada 68:81.

Taverner, P. A. 1932. A new subspecies of Willow Ptarmigan from the Arctic islands of America and a new hybrid grouse. National Museum of Canada Annual Report 1930:87-91.

Taylor, W. P. 1920. A new ptarmigan from Mount Rainier. Condor 22:146-152.

Taylor, W. P. 1999. Game Management Unit 13 Ptarmigan population studies. Annual Research Report, Fed. Aid Wildl. Rest. W-24-5, study 10.70.

Taylor, W. P. 2000. Game Management Unit 13 Ptarmigan population studies. Final Report, Federal Aid in Wildlife Restoration. W-27-1 and W-27-2, study 10.70. 12pp.

Teasdale-Buckell, G. 1902. Grouse disease and a possible prevention. Fortnightly Review 72(429):494-499.

Tewnion, A. 1951. Fear note of Red Grouse. British Birds 44:140.

Tezuka, A. 1970. Outbreak of histomoniasis (blackhead disease) of ptarmigan. Japanense Journal of Veterinary Science 32(suppl.):110-111.

Thaler, E. 1983. Beobachtungen zur Brutbiologie des Alpenschneehuhns (*Lagopus mutus*) im Alpenzoo Innsbruck. [Observations to the breeding biology of the alpine snow chicken (*Lagopus mutus*) in the Alpine Zoo Innsbruck.] Zoologischen Garten N. F., Jena 53:101-123. (in German).

Thaler, E., and S. Neyer. 1983. [Molting of the Ptarmigan *Lagopus mutus helveticus* in Alpenzoo Innsbruck Austria.] Berichte des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck 70:215-226. (in German with English summary).

Tharme, A. P., R. E. Green, D. Baines, and I. P. Bainridge. 2001. The effect of

management for Red Grouse shooting on the population density of breeding birds on the heather-dominated moorland. Journal of Applied Ecology 38:439-457.

Theberge, J. B. 1971. Population fluctuation and changes in the quality of Rock Ptarmigan in Alaska. Ph. D. Dissertation. University of British Columbia.

Theberge, J. B., and J. F. Bendell. 1980. Differences in survival and behaviour of Rock Ptarmigan (*Lagopus mutus*) chicks among years in Alaska. Canadian Journal of Zoology 58:1638-1642.

Theberge, J. B., and G. C. West. 1973. Significance of brooding to the energy demands of Alaskan Rock Ptarmigan chicks. Arctic 26:138-148.

Thingstad, P. G. 1984. A post-display migartioon of a mountain population of Willow Grouse *Lagopus lagopus*. Fauna Norvegica series C Cinclus 7:57-61.

Thirgood, S., and S. Redpath. 1997. Red Grouse and their predators. Nature 547:547.

Thirgood, S. J., and S. M. Redpath. 1997. Can raptor predation limit or regulate grouse populations? II. Impact of predation on Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 3:271. Abstract only.

Thirgood, S., and S. Redpath. 2005. Hen Harriers and Red Grouse: the ecology of a conflict. Pp. 192-208 *IN*: People and wildlife: conflict or co-existence? Conservation Biology Series 9.

Thirgood, S., and S. Redpath. 2008. Hen Harriers and Red Grouse: science, politics and human-wildlife conflict. Journal of Applied Ecology 45:1550-1554.

Thirgood, S. J., S. M. Redpath, S. Campbell, and A. Smith. 2002. Do habitat characteristics influence predation on Red Grouse? Journal of Applied Ecology 39:217-225.

Thirgood, S. J., S. M. Redpath, D. T. Haydon, P. Rothery, I. Newton, and P. J. Hudson. 2000. Habitat loss and raptor predation: disentangling long-and short-term causes of Red Grouse declines. Proceedings of the Royal Society of London 267:651-656.

Thirgood, S. J., S. M. Redpath, P. J. Hudson, and E. Donnelly. 1998. Estimating the cause and rate of mortality in Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 4:65-71.

Thirgood, S. J., S. M. Redpath, P. J. Hudson, M. M. Hurley, and N. J. Aebischer. 1995. Effects of necklace radio transmitter on survival and breeding success of Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 1:121-126.

Thirgood, S., S. Redpath, I. Newton, and P. Hudson. 2000. Raptors and Red Grouse: Conservation conflicts and management solutions. Conservation Biology 14:95-104.

Thirgood, S., S. Redpath, and D. Parish. 1992. Can raptors limit or regulate Red Grouse populations? Game Conservancy Review 24:128-130.

Thirgood, S. J., S. M. Redpath, P. Rothery, and N. J. Aebischer. 2000. Raptor predation and population limitation in Red Grouse. Journal of Animal Ecology 69:504-516.

Thomas, D.W., K. Martin & H. Lapierre. 1994. Doubly-labeled water measurements of field metabolic rate in White-tailed Ptarmigan: variation in background isotope abundances and effect on CO2 production estimates. Canadian Journal of Zoology 72:1967-1972.

Thomas, T., and T. Gauba. 1967. The White-tailed Ptarmigan: the hide-and-seek bird of the timberline. Aspen Magazine 1(1):1-8.

Thomas, V. G. 1982. Energetic reserves of Hudson Bay Willow Ptarmigan during winter and spring. Canadian Journal of Zoology 60:1618-1623.

Thomas, V. G. 1984. Winter diet and intestinal proportionsof Rock Ptarmigan *Lagopus mutus* and Willow Ptarmigan *Lagopus lagopus* and Sharp-tailed Grouse *Tympanuchus phasianellus* in Ontario Canada. Canadian Journal of Zoology 62:2258-2263.

Thomas, V. G. 1986. Body condition of Willow Ptarmigan parasitized by cestodes during winter. Canadian Journal of Zoology 64:251-254.

Thomas, V. G., and R. Popko. 1981. Fat and protein reserves of wintering and prebreeding rock ptarmigan from south Hudson Bay. Canadian Journal of Zoology 59:1205-1211.

Thomas, V. G., A. M. Scheuhammer, and D. E. Bond. 2009. Bone lead levels and lead isotope ratios in Red Grouse from Scotish and Yorkshire moors. Science of the Total Environment 407:3494-3502.

Thompson, D. B. A., S. D. Gillings, C. A. Galbraith, and S. M. Redpath. 1997. The contribution of game management to biodiversity: A review of the importance of grouse moors for upland birds. Pp. 198-212 *IN*: Fleming, L. V. (Ed.). Biodiversity in Scotland: status, trends and initiatives. Conference proceedings. Edinburgh.

Thompson, P. S., A. Amar, D. C. Hoccom, J. Knott, and J. D. Wilson. 2009. Resolving the conflict between driven-grouse shooting and conservation of Hen

Harriers. Journal of Applied Ecology 46:950-956.

Thorarinsdottir, S. Th. 2009. Parasites of the Icelandic Rock Ptarmigan *Lagopus muta*. M. Sc. Thesis University of Iceland. 120pp. (in Icelandic with English summary).

Thorarinsdottir, S. Th., K. Skirnisson, and O. K. Nielsen. 2010. Arstidabreytingar a idrasnikjudyrum rjupu. [Seasonal changes in endoparasites of Rock Ptarmigan.] Natturufraedingurinn 80:33-40. (in Icelandic).

Timoney, P. J. 1972. Recovery of louping ill virus from the Red Grouse in Ireland. British Veterinary Journal 128:19-23

Tindall, A. R. 1973. Gastroliths in Norwegian Grouse (*Lagopus lagopus*). Acta Physiologica Scandinavica Suppl. 396:66

Tindall, A. 1976. Hind gut function in the grouse (*Lagopus lagopus*). Comparative Biochemistry and Physiology 53:91-93.

Tirskii, D. I. 2003. [Tetraonids of the Olekminsky Nature Reserve southeastern Yakutia, Russia.] Ornitologiya 30:44-50. (in Russian with English summary).

Tornberg, R. 2000. Effect of changing landscape structure on the predator-prey interaction between goshawk and grouse. Ph. D. Dissertation. University of Oulo, Finland.

Tornberg, R. 2001. Pattern of Goshawk *Accipiter gentiles* predation on four forest grouse species in northern Finland. Wildlife Biology 7:245-256.

Tornberg, R. 2001. Goshawk predation and long and short-term population changes in grouse. Linnut 36:6-10.

Tornberg, R. 2005. The response of the Goshawk *Accipiter gentilis* to changing grouse Tetraonidae sp. populations. Pp. 160-167 In: Status of raptor populations in eastern Fennoscandia. Proceedings of the workshop, Kostomuksha, Karelia, Russia, Nov. 8-10, 2005.

Tornberg, R., E. Korpimaki, S. Jungell, and V. Reif. 2005. Delayed numerical response of Goshawks to population fluctuations of forest grouse. Oikos 111:408-415.

Turner, L. M. 1883. On *Lagopus mutus*, Leach, and its allies. Proceedings of the U. S. National Museum 5:225-233.

Ulianin, N. S. 1939. Contribution to the biology of *Lagopus lagopus major* Lor. of Northern Kazakhstan. Arch. Mus. zool. Moscou. 5:109-126.

Unander, S., A. Mortensen, and A, Elvebakka. 1985. Seasonal changes in crop content of the Svalbard Norway Ptarmigan *Lagopus mutus hyperboreus*. Polar Research 3:239-246.

Unander, S., and J. B. Steen. 1985. Behaviour and social structure in Svalbard Rock Ptarmigan *Lagopus mutus hyperboreus*. Ornis Scandinavica 16:198-204.

Uotila, H., M. Helminen, and E. S. Nyholm. 1980. [Winter feeding habits of 2 sympatric *Lagopus* species in western Finnish Lapland.] Luonnon Tutkija 84:39-42. (in Finnish with English summary).

Uotila, H., E. S. Nyholm, and M. Helminen. 1981. Kiirunan ja riekon talviravinnosta Kilpisjarvella. [Winter feeding habits of the Ptarmigan *Lagopus mutus* and Willow Grouse *Lagopus lagopus* in Kilpisjarvi-area, NW Finland.] Suomen Riista 28:59-66. (in Finnish).

Ussher, R. J. 1908. Supposed Black Grouse and Ptarmigan from Irish Caves. Britsih Birds 2:167-168.

Valanne, K. 1966. [Incubation behaviour and temperature of Capercaillie (*Tetrao urogallus*) and Willow Grouse (*Lagopus lagopus*).] Suomen Riista 19:30-41. (in Finnish with English summary).

Valonen, N. 1956. Ptarmigan trapping in the village of Nuorgam in Utsjoki. Artica. Studia ethnographica upsaliensia XI:164-174.

Van Orden, C., and N. Paklina. 2000. The mortal link between Willow Grouse *Lagopus lagopus* and Gyrfalcon *Falco rusticolus* in eastern Siberia. De Takkeling 8:136-139.

Volkov, I. N. 1970. One of the winter feeding conditions of the White Grouse. Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 75:123-127.

Voronin, R. N. 1971. [Methods of determining the sex of the Willow Ptarmigan in winter plumage.] Ekologiya 2:93-94. (in Russian).

Voronin, R. N. 1975. [Ecological analysis of the seasonal dynamics of the morphological and physiological charactistics of the Willow Ptarmigan of the Bolshezemelsk tundra.] Ekologiya 6:32-37. (in Russian).

Voronin, R. N. 1976. [The mortality coefficient in populations of the Willow Grouse of the Bolshezemelskaya tundra.] Ekologiya 5:95-97. (in Russian)

Voronin, R. N. 1978. Khronograficheskaia dinamika morfofiziologicheskikh priznakov

belo kuropatki. [Chromographic dynamics of morphophysiological features of Willow Grouse.] Ekologiya 6:86-89. (in Russian with English summary).

Voronin, R. N. 1978. Belaia kuropatka Bol'shezemel'skoi tundry: Ekologiia, morfologiia, khoziaistvennoe ispol'zovanie. [Willow Ptarmigan in the Bolshezemelskaya Tundra: ecology, morphology, physiology.] Nauka, Leningradskoe otd-nie, 167pp. (in Russian).

Voronin, R. N. 1979. Breeding of the Willow Grouse (*Lagopus lagopus*) in the Bolshezemelskaya Tundra. Ornitologiya 1979:133-138.

Voronin, R. N. 1991. Variation in Clutch Size in the Willow Ptarmigan in the Bol'shezemel'skaya Tundra. The Soviet Journal of Ecology 22:59.

Voronin, R. N. 1993. Comparative analysis of morphological and physiological characteristics in white grouse males during the nesting period. Ekologiya 6:75-77.

Voronin, R. N. 1994. Seasonal variability of correlations of body-weight and weight of internal organs of White Grouse (*Lagopus lagopus* L.) Russian Journal of Ecology 25:351-358.

Wakelyn, L. A., C. C. Shank, B. T. Elkin, and D. C. Dragon. 1999. Organochlorine contaminant levels in Willow Ptarmigans, *Lagopus lagopus*, from the western Canadian Arctic. Canadian Field-Naturalist 113:215-220.

Walker, B. 1987. Notes on the Red Grouse in the Isle of Man in 1986. Peregrine 6:81-82.

Walker, B. 1989. 1987 - a mixed year for the Red Grouse (*Lagopus lagopus*). Peregrine 6(3):69-70.

Walker, B., and D. Hughes. 2007. Red Grouse – 2006. Peregrine 9:258.

Walker, B., and D. Hughes. 2008. Red Grouse in 2007. Peregrine 9:328.

Walker, B., and D. Hughes. 2009. Red Grouse in 2008. Peregrine 10:69.

Wall, T. 1992. The Red Grouse in Shropshire. Shropshire Naturalist 1(2):18-23.

Wallace, R. 1917. Heather and moor burning for grouse and sheep. Oliver & Boyd, Edinburgh. 88pp.

Wang, G., N. T. Hobbs, H. Galbraith, and K. M. Giesen. 2002. Signatures of large-scale and local climates on the demography of White-tailed Ptarmigan in Rocky Mountain National Park, Colorado, USA. International Journal of

Biometeorology 46:197-201.

Wang, G., N. T. Hobbs, K. M. Giesen, H. Galbraith, D. S. Ojima, and C. E. Braun. 2002. Relationships between climate and population dynamics of White-tailed Ptarmigan *Lagopus leucurus* in Rocky Mountain National Park, Colorado, USA. Climate Research 23:81-87.

Ward, J. M., G. D. Ruxton, D. C. Houston, and D. J. McCafferty. 2007. Thermal consequences of turning white in winter: a comparative study of Red Grouse *Lagopus lagopus scoticus* and Scandinavian Willow Grouse *L. l. lagopus*. Wildlife Biology 13:120-129.

Warren, P. 2006. Aspects of Red Grouse *Lagopus lagopus scoticus* population dynamics at a landscape scale in northern England and the implications for grouse moor management. Ph. D. Dissertation University of Durham.

Warren, P., and D. Baines. 2007. Dispersal distances of juvenile radiotagged Red Grouse *Lagopus lagopus scoticus* on moors in northern England. Ibis 149:758-762.

Waterston, J. 1922. On the Ischnocera (bird lice or Mallophaga) parasitic on British Grouse. Scottish Naturalist. 1922:101-104.

Watson, A. 1952. A contribution to knowledge of the life of Ptarmigan. B. Sc. Thesis. University of Aberdeen.

Watson, A. 1956. The annual cycle of Rock Ptarmigan. Ph. D. Dissertation. Aberdeen Univ.

Watson, A. 1961. Ptarmigan resident at low altitudes in Suhterland. Scottish Naturalist 70:81-82.

Watson, A. 1963, Ptarmigan: distribution in the northern Scottish Highlands. Pp. 310-313 IN: The Birds of the Britsih Isles, Vol. 12.

Watson, A. 1963. A study of the ptarmigan in the northern Highlands. Pp. 321-331 IN: The Birds of the British Isles, Vol. 12.

Watson, A. 1963. Red Grouse: notes on the moult and plumage. Pp. 293-295 IN: The Birds of the British Isles, Vol. 12.

Watson, A. 1963. Bird numbers on tundra in Baffin Island. Arctic 16:101-1080.

Watson, A. 1964. Aggression and population regulation in Red Grouse. Nature 202:506-507.

Watson, A. 1964. The food of ptarmigan (*Lagopus taurus*) in Scotland. Scotish Naturalist 71:60-66.

Watson, A. 1965. A population study of Ptarmigan (*Lagopus mutus*) in Scotland. Journal of Animal Ecology 34:135-172.

Watson, A. 1965. Research on Scottish Ptarmigan. Scottish Birds 3:331-349.

Watson, A. 1965. Scottish Ptarmigan. Bird Notes 31:379-383.

Watson, A. 1966. Hill birds of the Cairngorms. Scottish Birds 4:179-203.

Watson, A. 1966. Ringing Red Grouse. Ring 48:244.

Watson, A. 1967. Population control by territorial behaviour in Red Grouse. Nature 215:1274-1275.

Watson, A. 1967. Social status and population regulation in the Red Grouse (*Lagopus lagopus scoticus*). Proceedings of the Royal Socirty Populations Study Group 2:22-30.

Watson, A. 1967. Red Grouse in Scotland. The Field 4 May 1967: 1

Watson, A. 1968. Social status and population control in the Red Grouse. Proceedings of the Royal Society of Medicine 61:161.

Watson, A. 1970. Territoriality and reproductive behaviour of Red Grouse. Journal of Reproduction and Fertility Suppl. 11:3-14.

Watson, A. 1971. Key factor analysis and density dependence in Red Grouse populations. Pp. 548-549 IN: Dynamics of Populations (eds. P. J. den Boer, and G. R. Gradwell).

Watson, A. 1972. The behaviour of the ptarmigan. British Birds 65:6-26, 93-117.

Watson, A. 1973. Moults of wild Scottish Ptarmigan, *Lagopus mutus*, in relation to sex, climate and status. Journal of Zoology 171:207-223.

Watson, A. 1977. Wildlife potential in the Cairngorms region. Scottish Birds 9:245-262.

Watson, A. 1977. Exceptional Red Grouse nest made of straw. Scottish Birds 9:347-348.

Watson, A. 1978. Red Grouse. British Field Sports Society Annual Journal 1:26-27.

Watson, A. 1979. Bird and mammal numbers in relation to human impact at ski lifts on Scottish hills. Journal of Applied Ecology 16:753-764.

Watson, A. 1982. Effects of human impact on Ptarmigan and Red Grouse near ski lifts in Scotland. Institute of Terrestrial Ecology Annual Report 1981:51.

Watson, A. 1985. Social class, socially-induced loss, recruitment and breeding of Red Grouse. Oecologia 67:493-498.

Watson, A. 1986. Notes on the sexual cycle of some Baffin Island birds. Canadian Field-Naturalist 100:396-397.

Watson, A. 1987. Weight and sexual cycle of Scottish Rock Ptarmigan. Ornis Scandinavia 18:231-232.

Watson, A. 1989. Recent influences on grouse habitat from increases in red deer. Annual Report of the Joseph Nickerson Reconciliation Project 5:45-46.

Watson, A. 1992. A Red Grouse perspective on dispersal in small mammals. Pp. 260-273 *IN*: Stenseth, N. C., and W. Z. Lidicker (Eds.). Animal dispersal: small mammals as a model. Symposium; 4th International Theriological Congress.

Watson, A. 1996. Raptors and grouse. Scottish Wildlife 28:106-213.

Watson, A. 2009. Inter-specific aggression between Red Grouse, Ptarmigan, and Pheasant. Grouse News 38:5-7.

Watson, A. 2010. Ptarmigan, Red Grouse, Dotterel and mountain hares favouring snow-fences on ski-areas. Grouse News 39:12-19.

Watson, A., R. Hewson, D. Jenkins, and P. Parr. 1973. Population densities of mountain hares compared with Red Grouse on Scottish moors. Oikos 24:225-230.

Watson, A., and D. Jenkins. 1964. Notes on the behaviour of the Red Grouse. British Birds 57:137-170.

Watson, A., D. L. Lee, and P. J. Hudson. 1987. The effect of *Trichostrongylus tenuis* on the caecal mucosa of young, old and anthelmintic-treated wild Red Grouse, *Lagopus lagopus scoticus*. Parasitology 94:405-411.

Watson, A., D. L. Lee, and P. J. Hudson. 1988. Primary and secondary infection of the domestic chicken with *Trichostrongylus tenuis* (Nematoda), a parasite of Red Grouse, with observations on the effect on the caecal mucosa. Parasitology 97:89-99.

Watson, A., and D. Jenkins. 1968. Experiments on population control by territorial

behavior in Red Grouse. Journal of Animal Ecology 37:595-614.

Watson, A., and G. R. Miller. 1971. Territory size and aggression in a fluctuating Red Grouse population. Journal of Animal Ecology 40:367-383.

Watson. A., and G. R. Miller. 1976. Grouse management. Game Conservancy Booklet 12. Fordingbridge, England. 86pp.

Watson, A., and R. Moss. 1970. Dominance, spacing behaviour and aggression in relation to population limitations in vertebrates. Pp. 167-220. *in* A. Watson, ed. Animal populations in relation to their food resources. Blackwell Scientific Publishers, Oxford and Edinburgh.

Watson, A., and R. Moss. 1971. Spacing as affected by territorial behavior, habitat and nutrition in Red Grouse (*Lagopus l. scoticus*). pp. 92-111 in A. H. Esser (Ed.). Behavior and environment; the use of space by animals and men.

Watson, A., and R. Moss. 1972. A current model of population dynamics in Red Grouse. Proceedings of the International Ornithology Congress 15:134-149.

Watson, A., and R. Moss. 1978. Population ecology of Red Grouse. Institute of Terrestrial Ecology Annual Report 1977:18-21.

Watson, A., and R. Moss. 1980. Advances in our understanding of the population dynamics of Red Grouse from a recent fluctuation in numbers. Ardea 68:103-111.

Watson, A., and R. Moss. 1982. Heritability of egg size, hatch weight, body weight, and viability in Red Grouse (*Lagopus lagopus scoticus*). Auk 99:683-686.

Watson, A., and R. Moss. 1984. Demographic model of Red Grouse cycles. Institute of Terrestrial Ecology Annual Report 1983:72-73.

Watson, A., and R. Moss. 1987. The mechanics of annual changes in ptarmigan numbers: a reply to Bergerud, Mossop, and Myrberget. Canadian Journal of Zoology 65:1043-1047.

Watson, A., and R. Moss. 1988. Spacing behavior and population limitation in Red Grouse. Auk 105:207-208.

Watson, A., and R. Moss. 1990. Spacing behaviour and winter loss in Red Grouse. Pp.35-52 *IN*: Lance, A. N., and J. H. Lawton (Eds). 1990. Red Grouse population processes: proceedings of a workshop convened by The British Ecological Society and The Royal Society for the Protection of Birds. 99pp.

Watson, A., and R. Moss. 2004. Impacts of ski-development on Ptarmigan (*Lagopus*

mutus) at Cairn Gorm, Scotland. Biological Conservation 116:267-275.

Watson, A., and R. Moss. 2008. Grouse: The natural history of British and Irish species. HarperCollins, London, UK. 529pp.

Watson, A., R. Moss, and R. Parr. 1984. Effects of food enrichment on numbers and spacing behaviour of Red Grouse. Journal of Animal Ecology 53:663-678.

Watson, A., R. Moss, R. Parr, M. D. Mountford, and P. Rothery. 1994. Kin landownership, differential aggression between kin and non-kin, and population fluctuations in Red Grouse. Journal of Animal Ecology 63:39-50.

Watson, A., R. Moss, R. Parr, I. B. Trenholm, and A. Robertson. 1988. Preventing a population decline of Red Grouse (*Lagopus lagopus scoticus*) by manipulating density. Experientia 44:274-275

Watson, A., R. Moss, J. Phillips, and R. Parr. 1977. The effect of fertilizers on Red Grouse stocks on Scottish moors grazed by sheep, cattle and deer. Pp. 193-212 IN: Ecologie du petit Gibier et Amenagement des Chasses (ed. P. Pesson).

Watson, A., R. Moss, and S. Rae. 1998. Population dynamics of Scottish Rock Ptarmigan cycles. Ecology 79:1174-1192.

Watson, A., R. Moss, and P. Rothery. 2000. Weather and synchrony in 10-year population cycles of Rock Ptarmigan and Red Grouse in Scotland – statistical data included. Ecology 81:2126-2136.

Watson, A., R. Moss, P. Rothery, and R. Parr. 1984. Demographic causes and predictive models of population fluctuations in Red Grouse. Journal of Animal Ecology 53:639-662.

Watson, A., and P. J. O'Hare. 1973. Experiments to increase Red Grouse stocks and improve the Irish bogland environment. Biological Conservation 5:41-44.

Watson, A., and P. J. O'Hare. 1979. Red Grouse populations on experimentally treated and untreated Irish bogs. Journal of Applied Ecology 16:433-452.

Watson, A., and P. J. O'Hare. 1979. Spacing behaviour of Red Grouse at low density on Irish bog. Ornis Scandinavia 10:252-261.

Watson, A., and R. Parr. 1973. Timing of reproduction in Dotterel and Ptarmigan. Pp. 78-88 IN: The Dotterel (D. Nethersole-Thompson).

Watson, A., and R. Parr. 1981. Hormone implants affecting territory size and aggressive and sexual behavior in Red Grouse. Ornis Scandinavia 12:55-61.

Watson, A., R. Parr, and H. G. Lumsden. 1969. Differences in the downy young of Red and Willow Grouse and Ptarmigan. British Birds 62:150-153.

Watson, A., J. Phillips, and R. Moss. 1995. Moorland history and grouse declines in Ireland, with an outline policy for conservation and recovery. Pp. 26-100 IN: Canada Life Irish Red Grouse Conference (ed. R. O'Dwyer).

Watson, A., and J. L. Shaw. 1991. Parasites and Scottish ptarmigan numbers. Oecologia 88:359-361.

Watson, A., N. C. Stenseth, and W. Z. Lidicker. 1992. A Red Grouse perspective on dispersal in small mammals. Pp. 260-273 *IN*: Animal dispersal: small mammals as a model.

Watson, H. 1986. Studies on the ecology and pathophysiology of a parasite of Red Grouse. Game Conservancy Annual Review 1986:129-133.

Watson, H. 1988. The ecology and pathology of *Trichostrongylus tenuis* (Nematoda), a parasite of Red Grouse (*Lagopus lagopus scoticus*). Ph. D. Thesis. University of Leeds.

Watson, H., and P. Hudson. 1987. The uptake of parasitic worms by Red Grouse. Game Conservancy Annual Review 1987:158-161.

Watson, H., D. L. Lee, and P. J. Hudson. 1987. The effect of *Trichostrongylus tenuis* on the caecal mucosa of young, old and anthelmintic treated wild red grouse *Lagopus lagopus scoticus*. Parasitology 94:405-411.

Watson, H., D. L. Lee, and P. J. Hudson. 1988. Primary and secondary infections of the domestic chicken with *Trichostrongylus tenuis* (Nematoda), a parasite of Red Grouse, with observations on the effect on the cecal mucosa. Parasitology 97:89-99.

Watt, J. A., J. G. Brotherston, and J. Cambell. 1963. Louping ill in Red Grouse. Veterinary Record 75:1151.

Webster, L. M. I. 2005. The effects of gene flow on local adaptation in a natural host-parasite system. Ph. D. Thesis. University of Glasgow. 186pp. (Red Grouse).

Webster, L. M. I., P. C. D. Johnson, A. Adam, B. K. Mable, and L. F. Keller. 2007. Macrogeographic population structure in a parasitic nematode with avian hosts. Veterinary Parasitology 144:93-103. (Red Grouse).

Webster, L. M. I., L. V. Mello, F, Mougeot, J. Martinez-Padilla, S. Paterson, and S. B. Piertney. 2011. Identification of genes responding to nematode infection in Red Grouse. Molecular Ecology Resources 11:305-313.

Webster, L. M. I., S. Paterson, F. Mougeot, J. Martinez-Padilla, and S. B. Piertney. 2011. Transcriptomic response of Red Grouse to gastro-intestinal nematode parasites and testosterone: implications for population dynamics. Molecular Ecology 20:921-931.

Weeden, R. B. 1959. Ptarmigan research report. Arctic Institute of North America. Final Rep. 176pp.

Weeden, R. B. 1959. The ecology and distribution of ptarmigan in western North America. Ph. D. Dissertation. University of British Columbia. 247pp.

Weeden, R. B. 1961. Outer primaries as indicators of age among Rock Ptarmigan. Journal of Wildlife Management 25:337-339.

Weeden, R. B. 1963. Management of ptarmigan in North America. Journal of Wildlife Management 27:673-683.

Weeden, R. B. 1964, Spatial separation of sexes in Rock and Willow Ptarmigan in winter. Auk 81:534-541.

Weeden, R. B. 1965. Breeding density, reproductive success, and mortality of Rock Ptarmigan at Eagle Creek, central Alaska from 1960 to 1964. Transactions of the. North American Wildlife and Natural Resources Conference 13:336-348.

Weeden, R. B. 1965. Grouse and ptarmigan in Alaska: Their ecology and management. P. R. Proj. W-6-R-5 Vol. 5. Alaska Department of Fish and Game, Juneau. 110pp.

Weeden, R. B. 1966. Molt of the primaries of adult Rock Ptarmigan in central Alaska. Auk 83:587-596.

Weeden, R. B. 1967. Seasonal and geographic variation in the foods of adult White-tailed Ptarmigan. Condor 69:303-309.

Weeden, R. B. 1969. Foods of Rock and Willow Ptarmigan in central Alaska with comments on interspecific competition. Auk 86:271-281.

Weeden, R. B. 1972. Effects of hunting on Rock Ptarmigan along the Steese Highway. Alaska Department of Fish and Game. Game Technical Bulletin No. 2. 21pp.

Weeden, R. B. 1979. Relative heart size in Alaskan Tetraonidae. Auk 96:306-318.

Weeden, R. B., and J. B. Theberge. 1972. The dynamics of a fluctuating population of ptarmigan in Alaska. Proceedings of the Internatational Ornithology Congress 15:90-106.

Weeden, R. B., and A. Watson. 1967. Determining the age of Rock Ptarmigan in Alaska and Scotland. Journal of Wildlife Management 31:825-826.

West, G. C. 1968. Bioenergetics of captive Willow Ptarmigan under natural conditions. Ecology 49:1035-1045.

West, G. C. 1972. Seasonal differences in resting metabolic rate of Alaskan ptarmigan. Compative Biochemistry and Physiology A. 42:867-76.

West, G. C., and M. S. Meng. 1966. Nutrition of Willow Ptarmigan in northern Alaska. Auk 83:603-615.

West, G. C., and M. S. Meng. 1968. Seasonal changes in body weight and fat and the relation of fatty acid composition to diet in the Willow Ptarmigan. Wilson Bulletin 80:426-441.

West, G. C., S. Savage, L. Irving, and L. J. Peyton. 1968. Morphological homogeneity of a population of Alaska Willow Ptarmigan. Condor 70:340-347.

West, G. C., R. B. Weeden, L. Irving, and L. J. Peyton. 1970. Geographic variation in body size and weight of Willow Ptarmigan. Arctic 23:240-253.

Westerskov, K. 1956. Age determination and dating nesting events in the Willow Ptarmigan. Journal of Wildlife Management 20:274-279.

Wetmore, A. 1945. The sleeping habit of the Willow Ptarmigan. Auk 62:638.

White, C. M., and R. B. Weeden. 1966. Hunting methods of Gyrfalcons and behavior of their prey (ptarmigan). Condor 68:274-279.

Whitfield, D. P., D. R. A. McLeod, J. Watson, A. H. Felding, and P. F. Haworth. 2003. The association of grouse moor in Scotland with illegal use of poisons to control predators. Biological Conservation 114:157-163.

Whymper, S. L. 1917. On a cinnamon-coloured variation of the Red Grouse. Bulletin of the British Ornithological Club. 37:24.

Wiebe, K. L., and K. Martin. 1994. Growing old in the cold: environment, age, and reproduction in two ptarmigan species. Journal für Ornithologie 135:385.

Wiebe, K. L., and K. Martin. 1995. Ecological and physiological effects on egg laying intervals in ptarmigan. Condor 97:708-717.

Wiebe, K. L., and K. Martin. 1997. Effects of predation, body condition, and temperature on incubation rhythms of White-tailed Ptarmigan *Lagopus leucurus*.

Wildlife Biology 3:219-227.

Wiebe, K. L., and K. Martin. 1998. Costs and benefits of nest cover for ptarmigan: changes within and between years. Animal Behavavior 56:1137-1144.

Wiebe, K. L., and K. Martin. 1998. Age-specific patterns of reproduction in White-tailed and Willow Ptarmigan *Lagopus leucurus* and *L. lagopus*. Ibis 140:14–24.

Wiebe, K. L., and K. Martin. 2000. The use of incubation behavior to adjust avian reproductive costs after egg laying. Behavioral Ecology and Sociobiology 48:463-470. (White-tailed Ptarmigan).

Wiebe, K. L., and G. Segelbacher. 2009. Pink ptarmigan. Grouse News 37:5-7.

Wike, R., and J. B. Steen. 1987. Intra-family communication in Willow Grouse *Lagopus lagopus*. Fauna Norvegica Series C Cinclus 10:81-87.

Wilcock, C. C., C. K. Robeson, and C. A. Maclean. 1984. On fruit eating by Scottish Red Grouse. Biological Journal - Linnean Society 23:331-341.

Wilkinson, D. H. 1954. Red Grouse and Snow Bunting in Pembrokeshire. British Birds 47:254.

Willebrand, T. 1997. Modelling harvest of Willow Ptarmigan *Lagopus lagopus* in Sweden. Wildlife Biology 3:279. Abstract only.

Willebrand, T. 2005. Rock Ptarmigan population dynamics on Iceland. Rock Ptarmigan Advisory Committee. 29pp.

Willebrand, T., and M. Hornell. 2001. Understanding the effects of harvesting Willow Ptarmigan *Lagopus lagopus* in Sweden. Wildlife Biology 7:205-212.

Willebrand, T., M. Hornell-Willebrand, and L. Asmyhr. 2011. Willow Grouse bag size is more sensitive to variation in hunter effort than to variation in Willow Grouse density. Oikos XXX:XXX-XXX. (online early).

Williams, H., H. Thorburn, and G. S. Ziffo. 1963. Isolation of louping ill from Red Grouse. Nature 200:193-194.

Williams, J. 1985. Statistical analysis of fluctuations in Red Grouse bag data. Oecologia 65:269-272.

Williams, J. B., D. Best, and C. Warford. 1980. Foraging ecology of ptarmigan at Meade river, Alaska. Wilson Bulletin 92:341-351.

Williams, J. C. 1974. Mathematical analysis of Red Grouse populations. B. Sc. Thesis.

University of York, Toronto.

Wilson, E. A. 1910. The changes of plumage in the Red Grouse (*Lagopus scoticus* Lath.) in health and in disease. Proceedings of the London Zoological Society 34pp.

Wilson, G. R. 1978. Diseases in Red Grouse: threadworms. Game Conservancy Annual Review 1978:63-65.

Wilson, G. R. 1979. Effects of the caecal threadworm *Trichostrongylus tenius* on Red Grouse. Ph. D. Dissertation. University of Aberdeen.

Wilson, G. R. 1979. Red Grouse and caecal threadworms. Institute of Terrestrial Ecology Annual Report 1978:50-51.

Wilson, G. R. 1983. The prevalence of caecal threadworms (*Trichostrongylus tenuis*) in Red Grouse (*Lagopus lagopus scoticus*). Oecologia 58:265-268.

Wilson, G. R. 1983. Effects of the caecal threadworm *Trichostrongylus tenuis* on Red Grouse. 164pp.

Wilson, G. R., and L. P. Wilson. 1978. Haematology, weight and condition of captive Red Grouse (*Lagopus lagopus scoticus*) infected with caecal threadworm (*Trichostrongylus tenuis*). Research Veterinary Science 25:331-336.

Wilson, L. P. 1978. Diseases in Red Grouse: malarial-type parasites. Game Conservancy Annual Review 1978:65-67.

Wilson, S. D. 2008. Influence of environmental variation on habitat selection, life history strategies and population dynamics of sympatric ptarmigan in the southern Yukon Territory. Ph. D. Dissertation. University of British Columbia.

Wilson, S., and K. Martin. 2008. Breeding habitat selection of sympatric White-tailed, Rock and Willow Ptarmigan in the southern Yukon Territory, Canada. Journal of Ornithology 149:629-637.

Wilson, S., and K. Martin. 2010. Variable reproductive effort for two ptarmigan species in response to spring weather in a northern alpine ecosystem. Journal of Avian Biology 41:319-326. (Rock Ptarmigan, White-tailed Ptarmigan).

Wilson, S., and K. Martin. 2011. Life-history and demographic variation in an alpine specialist at the latitudinal extremes of the range. Population Ecology 53:459-471. (White-tailed Ptarmigan).

Wilson, S., K. Martin, and S. J. Hannon. 2007. Nest survival patterns in Willow Ptarmigan: influence of time, nesting stage, and female characteristics. Condor

109:377-388.

Winker, K. 2010. Subspecies represent geographically partitioned variation, a gold mine of evolutionary biology, and a challenge for conservation. Ornithological Monographs 67:6-23. (Rock Ptarmigan).

Wirdheim, A. 2009. Fjallripa. [The Rock Ptarmigan]. Var Fagelvarld 68(5):14-15. (in Swedish).

Wise, D. R. 1981. Nutrition of wild Red Grouse (*Lagopus lagopus scoticus*). World Pheasant Association Journal 7:36-41.

Wise, D. R. 1982. Nutrition of wild Red Grouse (*Lagopus lagopus scoticus*). Ibis 119:1-9.

Wissler, K. 1975. The distribution, seasonality and local variations of helminths in two north Norwegian populations of Willow Grouse *Lagopus lagopus*. Norwegian Journal of Zoology 23:202.

Wissler, K., and O. Halvorsen. 1975. The occurrence of gapeworm (*Syngamus trachea*) in Willow Grouse. Journal of Wildlife Diseases 11:245-247.

Wissler, K., and O. Halvorsen. 1977. Helminths from Willow Grouse (*Lagopus lagopus*) in two localities in north Norway. Journal of Wildlife Diseases 13:409-413.

Woess, M., and M. Zohmann. 2004. Bestandsaufnahme beim Alpenschneehuhn *Lagopus mutus* in einem Teilgebiet der Nationalparkregion Nockberge, Oesterreich. [Estimation of population density and distribution of Ptarmigan *Lagopus mutus* in the Nockberge National Park, Austrian Alps.] Ornithologische Beobachter 101:209-218. (in German with English summary).

Wolfe, D. H. 2006. Nesting documentation for the White-tailed Ptarmigan in the Sangre de Cristo Mountains, New Mexico. Publications of the Oklahoma Biological Survey. 7:21-23.

Wolfe, D. H. 2007. New Mexico's other grouse. Grouse Partnership News 8:26-29.

Wolfe, D., and L. Larsson. 2011. Investigating the importance of thermal refugia for White-tailed Ptarmigan at the southern extent of their range. Grouse News 41:22-24.

Wolfe, D. H., and M. A. Patten. 2009. 2008 Surveys for White-tailed Ptarmigan in the Sangre de Cristo Mountains, New Mexico. Unpublished report submitted to Oklahoma Biological Survey and New Mexico Department of Game and Fish. G. M. Sutton Avian Research Center, Bartlesville, OK. 33pp.

Wolfe, D. H., and M. A. Patten. 2010. 2009 Surveys for White-tailed Ptarmigan in the Sangre de Cristo Mountains, New Mexico. Unpublished report submitted to Oklahoma Biological Survey and New Mexico Department of Game and Fish. 5pp.

Wolfe, D. H., M. A. Patten, and L. C. Larsson. 2010. Status, distribution, and ecology of White-tailed Ptarmigan (*Lagopus leucura*) in the Sangre de Cristo Mountains, New Mexico. Final Report. Submitted to New Mexico Department of Game and Fish. Contract Number 10-516-0000-00018. 15pp.

Wolfe, D. H., M. A. Patten, and C. L. Pruett. 2008. 2007 surveys for White-tailed Ptarmigan in the Sangre de Cristo Mountains, New Mexico. Performance Report. G. M. Sutton Avian Research Center, Bartlesville, OK. 6pp.

Wong, M. M. L. 2009. Niche partitioning and spatial variation in abundance of Rock (*Lagopus muta*) and White-tailed Ptarmigan (*L. leucura*): a case of habitat selection at multiple scales. M. Sc. Thesis. University of Alberta. 136pp.

Wong, M. M. L., B. C. Fedy, S. Wilson, and K. M. Martin. 2009. Adoption in Rock and White-tailed Ptarmigan. Wilson Journal of Ornithology 121:638-641.

Wormald, H. 1912. Red Grouse in confinement. Aviculturist Magazine 3:92-96.

Wren, C. D., T. Nygard, and E. Steinnes. 1994. Willow Ptarmigan (*Lagopus lagopus*) as a biomonitor of environmental metal levels in Norway. Environmental Pollution 85:291-295.

Wright, P. L., and C. H. Conaway. 1950. White-tailed Ptarmigan in the Mission Mountains, Montana. Condor 52:238.

Wynne-Edwards, V. C. 1954. Ptarmigan on the Kincardineshire coast. Scottish Naturalist 66:42.

Wynne-Edwards, V. C. 1968. 'Social selection' in the Red Grouse and other animals. Proceedings of the Royal Society of Medicine 61:162-163.

Young, V. 2008. 2008 Vancouver Island White-tailed Ptarmigan (*Lagopus leucurus saxatilis*) inventory. Report prepared for BC Ministry of Environment and BC Conservation Corps. 34pp.

Xiaochen, Y., G. Zhiyuan, and T. Jialong. 1998. Recent status of Willow Grouse in China. Journal of Forestry Research 9:133-135.

Yalden, D. W. 1972. The Red Grouse *Lagopus lagopus scoticus* in the Peak District. Naturalist 92:89-102.

Yalden, D. W. 1979. An estimate of the number of Red Grouse in the Peak District. Naturalist 104:5-8.

Yalden, D. W. 1994. The changing status of Red Grouse *Lagopus lagopus* on peripheral Moorlands in the Peak District. Naturalist 119:61-65.

Yoshida, M., and M. Yoshida. 2000. [The Vegetation of "Maruyama" at Murodo-daira on Mt. Tateyama as a Habitat of the Japanese Ptarmigan *Lagopus mutus japonicus*.] Bulletin of the Botanical Gardens of Toyama 5:65-78. (in Japanese with English summary).

Yoshida, M., and M. Yoshida. 2001. [Vegetations as habitats of Japanese Ptarmigan, *Lagopus mutus japonicus*, at Murodou-daira on Mts. Tateyama.] Bulletin of the Botanical Gardens of Toyama 6:53-65. (in Japanese with English summary).

Yoshikawa, K., K. Nakamura, T. Aoyagi, and M. Yamada. 2005. Glomerulopathy with renal tubular oxalosis in Japanese Rock Ptarmigan (*Lagopus mutus*). Avian Pathology 5:399-401

Yoshino, T., M. Onuma, T. Nagamine, M. Inaba, T. Kawashima, K. Murata, K. Kawakami, T. Kuwana, and M. Asakawa. 2008. First record of the genus *Heterakis* (Nematoda: Heterakidae) obtained from two scarce avian species, Japanese Rock Ptarmigan (*Lagopus mutus japonicus*) and Okinawa Rails (*Gallirallus okinawae*), in Japan. Japanese Journal of Nematology 38:89-92.

Yu, M. H. H., T. Yamaguchi, N. Miyano, H. Shimizu, A. Murai, T. Yanai, T. Maseqi, K. Ohya, and H. Fukushi. 2007. Fowlpox virus infection in a captive Japanese Rock Ptarmigan (*Lagopus mutus japonicus*). Japanese Journal of Zoo and Wildlife Medicine 12:77-80.

Yurlov, K. T. 1960. Materials on ecology of the Willow Ptarmigan and the Black Grouse in the Baraba and Kulunda Steppes. Trudy Biol. Inst. Sib. Otd. Akad. Nauk Novosibirsk 6:3-85.

Zeigenfuss, L. 2006. Alpine plant community trends on elk summer range of Rocky Mountain National Park, Colorado: an analysis of existing data. U. S. Geological Survey, Open-file Report 2006-1122, 21pp.

Zimmerman, C. E., N. Hillgruber, S. E. Burril, M. A. St. Peters, and J. D. Wetzel. 2005. Offshore marine observation of Willow Ptarmigan, including water landings, Kuskokwim Bay, Alaska. Wilson Bulletin 117:12-14.

Zohmann, M., and M. Woss. 2008. Spring density and summer habitat use of Alpine Rock Ptarmigan *Lagopus muta helvetica* in the southeastern Alps. European Journal of Wildlife Research 54:379-383.

Tetrao and *Lyrurus* (Capercaillie and Black Grouse)

Abajo, A. 2007. Modelos espaciales de hábitat y análisis de viabilidad de la población de urogallo en la Cordillera Cantábrica. [Space models of habitat and analysis of viability of the population of Capercaillie in the Cantabrian Mountain range.] Ph. D. Thesis, Dept. Biología de Organismos y Sistemas, Universidad de Oviedo. (in Spanish).

Adamič, M. 1986. Ekologija divjega petelina (*Tetrao urogallus* L.) v Sloveniji. Opisi in situacija inventariziranih rastišč. [Ecology of Capercaillie (*Tetrao urogallus* L.) in Slovenia. Description and situation of leks.] Ljubljana, IGLG, 443 pp. (in Slovenian).

Adamič, M. 1987. Ekologija divjega petelina (*Tetrao urogallus* L.) V Sloveniji. [Ecology of Capercaillie (*Tetrao urogallus* L.) in Slovenia.] Strokovna in znanstvena dela [Expert and Scientist works.] 93 pp. (in Slovenian).

Adamic, M., M. Kotar, J. Gulic, and M. Cas. 2003. Vegetation requirements of the Black Grouse habitat (*Tetrao tetrix* L.) in Pohorje Mts. Zbornik Gozdarstva in Lesarstva, 2003 (No. 71):41-70.

Aebischer, N. J., and D. Baines. 2008. Monitoring gamebird abundance and productivity in the UK: the GWCT long-term datasets. Revista Catalana d'Ornitologia 24:30-43. (Red Grouse, Black Grouse).

A'Hara, S. W., M. Hancock, S. B. Piertney, and J. E. Cottrell. 2009. The development of a molecular assay to distinguish droppings of Black Grouse *Tetrao tetrix* from those of Capercaillie *Tetrao urogallus* and Red Grouse *Lagopus lagopus scoticus*. Wildlife Biology 15:328-337.

Alain, M. 1996. Statut du Tétras-lyre (*Tetrao tetrix*) dans le Parc National des Ecrins (France). [Status of the Black Grouse (*Tetrao tetrix*) in the National park of the Jewel cases (France).] Avocetta 20:60-65. (in French).

Alda, F., P. Sastre, P. J. De La Cruz-Cardiel, and I. Doadrio. 2011. Population genetics of the endangered Cantabrian Capercaillie in northern Spain. Animal Conservation 14:249-260.

Alamany, O., and A. de Juan Monzon. 1983. Le grand tetras (*Tetrao urogallus*) et le Lagopede (*Lagopus mutus*) dans les Pyrenees orientales iberiques. [The Capercaillie (*Tetrao urogallus*) and the Rock Ptarmigan (*Lagopus mutus*) in the Iberian Eastern Pyrenees.] Acta Biologica Montana 2-3:363-381. (in French)

Alatalo, R. V., T. Burke, J. Dann, O. Hanotte, J. Hoglund, A. Lundberg, R. Moss, and P. K. Rintamaki. 1996. Paternity, copulation disturbance, and female choice in

lekking Black Grouse. Animal Behaviour 52:861-873.

Alatalo, R. V., J. Hoeglund, and A. Lundberg. 1991. Lekking in Black Grouse: a test of male viability. Nature 352:155-156.

Alatalo, R. V., J. Hoglund, A. Lundberg, P. T. Rintamaki, and B. Silverin. 1996. Testosterone and male making success on the Black Grouse leks. Proceedings of the Royal Society of London 263:1697-1702.

Alatalo, R. V., J. Hoglund, A Lundberg, and W. J. Sutherland. 1992. Evolution of Black Grouse leks: Female preferences benefit males in larger leks. Behavioral Ecology 3:53-59.

Alatalo, R. V., J. Hoglund, H. Siitari, J. Kilpimaa, and C. Lebrigre. 2006. Evolution of multiple ornaments in the Black Grouse. Journal of Ornithology 147(5):62, Suppl. 1. (Abstract only).

Alatalo, R. V., H. Siitari, and P. K. Rintamaki. 2004. Teeren soidin ja metsastyksen saately. [The lek of the Black Grouse and the control of hunting.] Suomen Riista 50:120-127. (in Finnish with English summary).

Alimpev, I. V., and S. N. Postnikov. 1988. [The influence of timber felling and cattle grazing on the dwelling environment of grouse in the mountain-forest zone of Chelyabinsk region.] Ekologiya ptits Volzhsko-Uralskogo regiona. [Ecology of birds of the Volga-Uralsk region.] Pages: 4-6

Almasan, H. A. 1970. Beitrag zur Kenntnis der Nahrung des Auerhahns (*Tetrao urogallus* L.) während der Balzzeit. [Contribution for the knowledge of the food of the wood grouse (*Tetrao urogallus* L.) during the Balzzeit]. European Journal of Wildlife Research 16:7-13. (in German with Enlgsihg summary).

Andersson, J. 2002. Characteristics of summer habitats used by Capercaillie (*Tetrao urogallus* L.) females in the Mountain region of northers Sweden. Undergrad Thesis. Swedish University of Agriculture Science.

Andreassen, O. 2001. Spatial distribution and size of Capercaillie leks in Pinega Nature Reserve, Russia, 1986-2000. M. Sc. Thesis. Agriculture University of Norway. 35pp.

Andreev, A. V. 1975. [Energy expenditure of the Siberian Capercaillie in winter.] Ekologiya 6:90-92. (in Russian).

Andreev, A. V. 1977. [Reproductive behavior in Black-billed Capercaillie in northeast Siberia.] Ornithologiya 13:110-116. (in Russian).

Andreev, A. V. 1979. Review of methods and results of investigation of grouse bioenergetics in winter. Pp. 87-91 *in*: Lovel, T. W. I. (ed.). 1979. Woodland

Grouse, Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Andreev, A. V. 1979. Reproductive behavior in Black-billed Capercaillie compared to Capercaillie. Pp. 135-139 *in*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Andreev, A. V. 1991. Winter habitat segregation in the sexually dimorphic Black-billed Capercaillie *Tetrao-urogalloides*. Ornis Scandinavica 22:287-291.

Andreev, A. V. 2002. Das Steinauerhuhn *Tetrao urogalloides* in Nordost -Sibirien: Ein Bonsai-Gaertner in Wollsocken. [The Black-billed Capercaillie *Tetrao urogalloides* in north-east Asia: a bonsai gardener in woollen shoes.] Limicola 16(6):305-330. (in German with English summary)

Andreev, A. V., and H. Lindon. 1993. Winter energetics of the Capercaillie: A methodological approach. Ornis Fennica 71:33-42.

Angeli, F. 1991. La tutela del Gallo cedrone in Trentino, nell'ambito della gestione naturalistica della foresta. [The protection of the Capercaillie in Trentino, the within of the naturalistic management of the forest.] Dendronatura 12(2):29-42. (in Italian).

Angeli, F., and A. Brugnoli. 1994. Status della popolazione di Gallo cedrone in provincia di Trento. [Status of the population of Capercaillie in province of Trento.] Dendronatura 15 (1): 17-32. (in Italian).

Angeli, F., A. Brugnoli, and A. Darra. 1995. Capercaillie display grounds in the Trentino, northern Italy. Proceedings of the 6th International Symposium on Grouse, Udine, Italy, 1993. 6:175.

Angelstam, P. 1979. Black Grouse (*Lyrurus tetris* L.) reproductive success and survival rate in peak and crash small-rodent years in central Sweden – a preliminary report. Pp. 101-110 *in* Lovel, T. (*Ed*.), Woodland Grouse Symposium. The Wolrd Pheasant Association. Bures, England.

Angelstam, P. 1983. Population dynamics of tetraonids, especially the Black Grouse *Tetrao tetrix*, in boreal forests. Thesis. Uppsala University.

Angelstam, P. 1984. Sexual and seasonal differences in mortality of the Black Grouse *Tetrao tetrix* in boreal Sweden. Ornis Scandinavica. 15:123-134.

Angelstam, P. 1984. Mortality patterns of female Black Grouse, *Tetrao tetrix* in the breeding season - a preliminary report. Riistatieteellisia Julkaisuja 42:37.

Angelstam, P. 2004. Habitat thresholds and effects of forest landscape change on the distribution and abundance of Black Grouse and Capercaillie. Ecology Bulletin 51:173-187.

Angelstam, P. K., M. Jaarola, and N. E. Nordh. 1985. Are female Black Grouse *Tetrao tetrix* territorial? Ornis Fennica 62:124-129.

Angelstam, P., E. Linstrom, and P. Widen. 1984. Role of predation in short-term population fluctuations of some birds and mammals in Fennoscandia. Oecologia 62:199-208.

Angelstam, P., and B. Martinsson. 1990. The importance of appropriate spatial and temporal scales in population studies - conservation lessons based on the population dynamics of Black Grouse in boreal forest in Sweden. The future of wild Galliformes in the Netherlands. [De toekomst van de wilde hoenderachtigen in Nederland.] Pages: 82-96.

Angelstam, P., O. Runfors, G. Mikusinski, C. Seiler. 2000. Long-term dynamics of three types of Black Grouse habitat in the centre and at the edge of distribution range in Sweden 1850-2000. Cahiers d'Ethologie 20:165-190.

Angelstam, P., and F. Sandegren. 1982. A release of pen-reared capercaillie in central Sweden - survival, dispersal and choice of habitat. Pages 204-209 in T.W.I. Lovel, ed. Proceedings of the 2nd International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 1981. World Pheasant Association, Exning, Suffolk.

Anker-Ims, R., J. Rolstad, and P. Wegge. 1993. Predicting space use responses to habitat fragmentation: Can voles *Microtus oeconomus* serve as an Experiment Model System (EMS) for Capercaillie grouse *Tetrao urogallus* in boreal forest? Biological Conservation 63:261-268.

Annenkov, V. G. 1995. Teterevinye ptitsy Karelii (biologiia, dinamika populiatsii, perspektivy isnol'zovannia). [Grouse of Karelia (biology, population dynamics, prospects for utilizing the resource).] 26pp. (in Russian).

Annila, E., P. Niemela, and T. Levula. 2003. Metson hakomisesta eri tavoin lannoitetuissa mannikoissa. [Observations on winter feeding of Capercaillie in fertilized Scots pine stands.] Suomen Riista 49:25-31. (in Finnish with English summary).

Anonymous. 1888. An interesting hybrid. Forest and Stream 60(28):455.

Anufriev, a. I., N. I. Mordosova, N. G. Solomonov, and A. P. Isayev. 2008. [Two strategies of large species winter bird's adaptation to low temperature.] ВЕСТНИК ЯГУ 5(4):10-14. (in Russian with Enlgish summary). (Black

Grouse, Capercaillie, Siberian Spruce Grouse)

Anufriev, A. I., N. G. Solomonov, V. F. Yadrikhinskii, A. P. Isaev, N. I. Mordosova, and N . A. Nakhodkin. 2010. Changes in the body temperature in grouse during the annual life cycle. Doklady Biological Sciences 431:106-109. (Black Grouse, Black-billed Capercaillie).

Arlettaz, R., P. Patthey, M. Baltic, T. Leu, M. Schaub, R. Palme, and S. Jenni-Eiermann. 2007. Spreading free-riding snow sports represent a novel serious threat for wildlife. Proceedings of the Royal Society B: 274:1219-1224.

Arlettaz, R., S. Sachot, M. Baltic, and L. Rotelli. 2002. Conservation biology of an emblematic species of alpine ecosystems, the Black Grouse: risks induced by landscape alterations and touristical activities, implications for upper subalpine biocenose, and targeted conservation measures. Grouse News 23:15-16.

Artuso, I. 1995. Distribution of grouse in the Italian Alps (1988-1992). Proceedings of the 6th International Grouse Symposium 6:129-130.

Artuso, I. 2003. Consistenza e densita del Fagiano di monte *Tetrao tetrix* e della Coturnice *Alectoris graeca* in Val Brembana (BG) (1996-2002). [Fidelity and density of the Black Grouse *Tetrao tetrix* and the Rock Partridge *Alectoris graeca* in Brembana valley (Bergamo) (1996-2002).] Avocetta 27:96. (in Italian).

Artuso, I., and P. De Franceschi. 1988. Il gallo cedrone (*Tetrao urogallus*) in alcuni ambienti forestali dell'Alto Adige. Osservazioni sugli habitat preferenziali nel periodo della riproduzione e dello sviluppo. [The Capercaillie (*Tetrao urogallus*) in some forest atmospheres of the Upper Adige. Observations on the preferential habitats in the period of the reproduction and the development.] Boll. Mus. civ. St. nat. Verona 14 (1987):381-396. (in Italian).

Artuso, I., M. Zacchgna, C. Fabro, and S. Filacorda. 2003. Variabilita del successo ripoduttivo del Fagiano di monte *Tetrao tetrix tetrix* e Coturnice *Alectoris graeca saxatilis* in Val Brembana. [Variability of the reproductive success of the Black Grouse *Tetrao tetrix tetrix* and the Rock Partridge *Alectoris graeca saxatilis* in Brembana valley.] Avocetta 27:140. (in Italian).

Aschenbrenner, H. 1982. Brief report on a method of Capercaillie introduction in the forest of Bavaria. Pages 210-211 in T.W.I. Lovel, ed. Proceedings of the 2nd International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 1981. World Pheasant Association, Exning, Suffolk.

Aschenbrenner, H. 1984. Das kaukasische Birkhuhn (*Lyrurus mlokosiewiczi* Taczanowski, 1875). [The Caucasian Black Grouse (*Lyrurus mlokosiewiczi* Taczanowski, 1875).] Gefiederte Welt 108(3):75-79. (in German).

Aschenbrenner, H. 1989. Zum Parasitenbefall bei Auer-(*Tetrao urogallus*) und Birkwild (*Lyrurus tetrix*) in freier Wildbahn in Österreich und bei Volierenhaltung. [On the parasitic infestation of the Capercaillie (*Tetrao urogallus*) and Black Grouse (*Lyrurus tetrix*) in the wild in Austria and kept in volaries. D. V. M. Thesis. Veterinary University, Wien, Austria. 157pp. (in German).

Atkinson, P. W., E. A. Humpage, A. J. D. Jowitt, I. Ogurlu, and J. M. Rowcliffe, 1995. The status, habitat requirements and behaviour of Caucasian Black Grouse *Tetrao mlokosiewiczi* in Turkey. Proceedings of the 6th. International Grouse Symposium 6:131-133.

Atlegrim, O., and K. Sjoberg. 1995. Lepidoptera larvae as food for Capercaillie chick (*Tetrao urogallus*): A field experiment. Scandinavian Journal of Forest Research 10:278-283.

Averin, U. V. 1938. [Caucasian Black Grouse.] Transactions of the Caucasian State Game Preserve 1:57-86. (in Russian).

Babenko, V. G., and V. A. Ostapenko. 1979. [Abortive display songs of the Black-billed Capercaillie (*Tetrao purvirostris*) at the Kamchatka.] Ornitologiya Suppl. 14:203. (in Russian).

Bachmann, S. 2007. Alpentiere zwischen Schneekanonen und Schneeschuhwanderern. Birkhuehner im Kunstschnee. [Alpine animals between snow canons and snow shoe walking. Black Grouse in artificial snow.] Ornis 6:4-9. (in German).

Bagliacca, M., M. Marzoni, and G. Calzolari. 1993. Allevamento in cattivita del gallo forcello. [Captive breeding of the Black Grouse.] Riv. Di Avicoltura 62(12):37-44. (in Italian).

Bagliacca, M., M. Marzoni, F. Nesti, and G. Calzolari. 1993. Possibilita di allevamento in cattivita del gallo forcello. [Possibility of captive breeding of the Black Grouse.] Atti 28 Symp. Intern. Zootecnia, Milano, pp.119-135. (in Italian).

Bagliacca, M., G. Paci, P. Mani, M. Folliero, and G. Biagi. 1994. [Metabolic profile and winter diet in captive Black Grouse (*Lyrurus tetrix*) [Tuscany]]. Annali della Facolta' di Medicina Veterinaria di Pisa 47:281-288. (in Italian with English summary).

Bagliacca, M., A. Valentino, and I. Cappuccio. 1997. RAPD molecular markers to study populations of Black Grouse *Tetrao tetrix* in the Alps. Wildlife Biology 3:269.

Baillie-Grohman, W. A. 1896. Sport in the Alps in the past and present, an account of the chase of the chamois, red-deer, bouquetin, roe-deer, Capercaillie, and Black-Cock. New York, Scribner, 356pp.

Baines, D. 1990. Factors contributing to local and regional variation in Black Grouse breeding success in northern Britain. Ornis Scandinavia 22:264-269.

Baines, D. 1990. The ecology and conservation of Black Grouse in Scotland and northern England. Pp. 106-118 *in* Lumiej, J. T., and Y. R. Hoogeveen (Eds.). 1990. The future of wild galliforms in the Netherlands. Amersfoort.

Baines, D. 1990. Black Grouse and forestry: from pest to prize. WPA News 1990:21-25.

Baines, D. 1991. Long-term changes in the European Black Grouse population. Game Conservancy Annual Review 22:157-158.

Baines, D. 1991. How effective is the release of captive bred Capercaillie? Grouse News 1:6-7.

Baines, D. 1992. Recent trends in Black Grouse numbers. Game Conservancy Review 24:133-135.

Baines, D. 1994. Seasonal differences in habitat utilization by Black Grouse *Tetrao tetrix* in the northern Pennines, England. Ibis 136:39-43.

Baines, D. 1995. Habitat requirements of Black Grouse. Proceedings of the 6th. International Grouse Symposium. 6:147-150.

Baines, D. 1995. Black Grouse revival in the North Pennine Hills, England. Grouse News 10:3-5.

Baines, D. 1995. Black Grouse in second rotation plantation forests in Scotland. Grouse News 10:8-9

Baines, D. 1996. The implications of grazing and predator management on the habitats and breeding success of Black Grouse *Tetrao tetrix*. Journal of Applied Ecology 33:54-62.

Baines, D. 1996. Seasonal variation in lek attendance and lekking behaviour by male Black Grouse *Tetrao tetrix*. Ibis 138:177-180.

Baines, D., N. Aebischer, M. Brown, and A. MacLeod. 2011. Analysis of Capercaillie brood count data: long term analysis. Scottish Natural Heritage Commissioned Report 435:1-35.

Baines, D., N. Aebischer, and A. MacLeod. 2011. Analysis of Capercaillie brood count data: habitat associations. Scottish Natural Heritage Commissioned Report 343:1-14.

Baines, D., N. Aebischer, A. MacLeod, and J. Woods. 2011. Assessing the activity of predators in relation to Capercaillie hen densities and breeding performance. Scottish Natural Heritage Commissioned Report 413:1-33.

Baines, D., M. M. Baines, and R. B. Sage. 1995. The importance of large herbivore management to woodland grouse and their habitats. Proceedings of the 6th International Grouse Symposium 6:93-100.

Baines, D., K. Blake, and J. Calladine. 2000. Reversing the decline: a review of some Black Grouse conservation projects in the United Kingdom. Cahiers d'Ethologie 20:217-234.

Baines, D., J. Goddard, and P. J. Hudson. 1991. Capercaillie in Scotland. Pp. 153-156 In: The Game Conservancy Review of 1990.

Baines, D., and P. J. Hudson. 1995. The decline of Black Grouse in Scotland and northern England. Bird Study 42:122-131.

Baines, D., R. Moss, and D. Dugan. 2004. Capercaillie breeding success in relation to forest habitat and predator abundance. Journal of Applied Ecology 41:59-71.

Baines, D., and M. Richardson. 2007. An experimental assessment of the potential effects of human disturbance on Black Grouse *Tetrao tetrix* in the North Pennines, England. Ibis 149 (Suppl. 1):56-64.

Baines, D., P. Warren, and J. Calladine. 2002. Spatial and temporal differences in the abundance of Black Grouse and other moorland birds in relation to reductions in sheep grazing. Aspects Applied Biology 67:245-252.

Baines, D., P. Warren, and M. Richardson. 2007. Variations in the vital rates of Black Grouse *Tetrao tetrix* in the United Kingdom. Wildlife Biology 13 (Suppl. 1):109-116.

Baines, D., I. A. Wilson, and G. Beeley. 1996. Timing of breeding in Black Grouse *Tetrao tetrix* and Capercaillie *Tetrao urogallus* and distribution of insect food for the chicks. Ibis 138:181-187.

Baltic, M. 2005. Impact of human disturbance on Alpine wildlife in winter: stress, activity and energetics in the endangered Black Grouse *Tetrao tetrix*. Ph. D. Dissertation. Naturwiss. Bern.

Bajor, B. 1983. [Before the last Black Grouse, *Lyrurus tetrix*, is shot.] Chronmy Przyrode Ojczysta 39(4):66-67. (in Polish).

Baltic, M., S. Jenni-Eiermann, R. Arlettaz, and R. Palme. 2005. A noninvasive technique to evaluate human-generated stress in the Black Grouse. Annals of the

New York Academy of Science. 1046:1-15.

Banuelos, M. J., and J. R. Obeso. 2003. El urogallo (*Tetrao urogallus cantabricus*) en la Cordillera Cantábrica. [The Capercaillie (*Tetrao urogallus cantabricus*) in the Cantabrian Mountain Range.]. Ministeria de Medio Ambiente, Secretaría General de Medio Ambiente, Organismo Autónomo Parques Nacionales. 152pp. (in Spanish).

Banuelos, M. J., and M. Quevedo. 2008. Update of the situation of the Cantabrian Capercaillie *Tetrao urogallus cantabricus*: an ongoing decline. Grouse News 35:5-7.

Banuelos, M. J., M. Quevedo, and J. R. Obeso. 2004. Conservation of the Cantabrian Capercaillie (*Tetrao cantabricus*): a challenge at the edge of the species distribution. Grouse News 28:20-23.

Banuelos, M.-J., M. Quevedo, and J.-R. Obeso. 2008. Habitat partitioning in endangered Cantabrian Capercaillie *Tetrao urogallus cantabricus*. Journal of Ornithology 149:245-252.

Bansik, L. 1979. Measures for conservation of Capercaillie in Slovakia. Pp. 163-165 In: Woodland Grouse Symposium, Inverness, Scotland. December 4th - 8th, 1978.

Barikmo, J., P. Osbak, and O.-K. Bokseth. 1985. Distances of movements and spacing behaviour for Capercaillie broods (*Tetrao urogallus*). Pp. 291-300 *in* Proceedings of the 3rd International Grouse Symposium, York, England, 1984.

Barnagaud, J.-Y., P. A. Crochet, Y. Magnani, A. B. Laurent, E. Menoni, C. Novoa, and O. Giminez. 2011. Short-term response to the North Atlantic Oscillation but no long-term effects of climate change on the reproductive success of an alpine bird. Journal of Ornithology XXX:XXX-XXX (online early). (Black Grouse).

Barrett-Hamilton, G. E. H. 1899. The introduction of the Black Grouse and some other birds into Ireland. Irish Naturalist 8:37-43.

Barus, V., M. D. Sonin, F. Tenora, and R. Wiger. 1984. Survey of nematodes parasitizing the genus *Tetrao* (Galliformes) in the Palaearctic region. Helminthologia 21:3-15.

Baskaya, S. 2003. Distribution and principle threats to Caucasian Black Grouse *Tetrao mlokosiewiczi* in the eastern Karadeniz Mountains in Turkey. Wildlife Biology 9:377-383.

Bates, B. S. 1989. The status of Black Grouse in Durham. Birds in Durham 1989:63-

64.

Bavelaar, H. 1982. [A strange encounter with a Capercaillie in Sweden.] Levende Natuur 84(4):111-112. (in Dutch).

Beaman, M. 1986. Turkey bird report 1976-1981. Sandgrouse 8:1-41.

Beeston, R., D. Baines, and M. Richardson. 2005. Seasonal and between-sex differences in the diet of Black Grouse *Tetrao tetrix*: Capsule dietary differences between sexes and seasons reflected diversity in plant availability and habitat preferences. Bird Study 52:276-281.

Beichle, U. 1987. Untersuchungen zur Struktur von Birkhuhnhabitaten in Schleswig-Holstein. [Studies on the structure of Black Grouse habitats in Schleswig-Holstein]. European Journal of Wildlife Research 33:184-191. (in German with English summary).

Bejcek, V., P. Malkova, P. Simova, and K. Stastny. 1998. The Black Grouse (*Tetrao tetrix*) in mountains affected by industrial emissions in the Czech Republik. Gibier Faune Sauvage 15:717-724.

Bekhuis, J., and F. van Binsbergen. 1992. [Will help come in time for the Black Grouse?] Limosa 65(2):75-76.

Belik, V. 1986. Ecology of the Caucasian Black Grouse. The Ornithological Researches on the NW Caucasus, Stavropol, 128-143. (in Russian).

Belleau, E. 2006. Parasitology as a contribution towards measuring human-generated stress in Black Grouse. Grouse News 32:11-12.

Belleau, E., and P. Leonard. 1991. Internal parasites of the Rock Partridge, Ptarmigan, and Black Grouse in the French High Alps. Gibier Faune Sauvage 8:161-174.

Beme, L. B. 1925. [Biology of Caucasian Black Grouse (*Lyrurus mlokosiewiczi* Tacz.)]. Angler and Hunter of Ukraine, 4. (in Russian).

Berchtold, M., L. Rotelli, and I. Storch. 2010. Habitat selection and spacing behavior of Capercaillie in the Italian Alps: a project in process. Grouse News 40:20-21.

Bergmann, H. H., and S. Klaus. 1994. Distribution, status and limiting factors of Black Grouse in central Europe, particularly Germany, including an evaluation of reintroductions. Gibier Faune Sauvage 11:99-124.

Bergmann, H.-H., S. Klaus, and R. Suchat. 2003. Schön, scheu, schützenswert – Auerhühner. [Beautiful, secretive and deserving protection - The Capercaillie]. G. Braun Buchverlag, Karlsruhe, Germany. 108 pp. (in German).

Bergmann, H.-H., S. Klaus, J. Wiesner, and O. A. Vitovic. 1991. Die stumme Balz: Lautäußerungen männlicher Kaukasusbirkhühner (*Tetrao mlokosiewiczi*) auf dem Balzplatz. [Vocalization and instrumental sound production of male Caucasian Black Grouse (*Tetrao mlokosiewiczi*) on the lek]. Journal of Ornithology 132:267-278. (in German with English summary).

Bergmann, H.-H., S. Klaus, and U. Wilmering. 1997. Breeding of Siberian Spruce Grouse *Falcipennis falcipennis* and Caucasian Black Grouse *Tetrao mlokosiewiczi* in captivity. Grouse News 13:6-10.

Bering, E., and T. S. Jensen. 1986. [Monstrous sounds from a raised bogland area. A visit to a Black Grouse display area on a cold April morning.] Fugle 6(1):16-17.

Bernard, A. 1979. [Autumn food of the Black Grouse in a larch zone of the French Alps [*Lyrurus tetrix*]]. Bulletin Mensuel de l'Office National de la Chasse 31:24-27. (in French).

Bernard, A. 1981. Biologie du tétras lyre *Lyrurus tetrix* (L.) dans les Alpes françaises: la sélection de l'habitat de reproduction par les poules. [Biology of the Black Grouse Lyrurus tetrix (L.) in the French Alps: selection of the habitat of reproduction by hens]. Ph. D. Dissertation. Université des Sciences et Techniques du Languedoc. (in French).

Bernard, A. 1982. An analysis of Black Grouse nesting and brood rearing habitats in the French Alps. Proceedings of the 2nd International Grouse Symposium 2:156-172.

Bernard-Laurent, A. 1983. Comparaison des regimes alimentaires du tetras lyre *Lyrurus tetrix* et du lagopede alpin *Lagopus mutus* dans le vallon de la Cerveyrette (Haute-Alpes). [The diet of the Black Grouse *Lyrurus tetrix* and the Rock Ptarmigan *Lagopus mutus* in the Vallon de la Cerveyrette Hautes-Alpes France.] Terre et la Vie 37:241-258. (in French with English summary).

Bernard-Laurent, A. 1984. [Autumn diet of the Black Grouse (*Lyrurus tetrix* L.) in the Cerveyrette Valley (Hautes-Alpes).] Gibier Faune Sauvage 1:5-34 (in French).

Berthold, P., M. Lieser, K.-E. Schroth, G. Segelbacher, and U. Querner. 2002. Capercaillie research programme at the Vogelwarte Radolfzell – a brief report on projects now underway. Grouse News 23:16-21.

Bertsch, K. 1918. Das Birkhuhn (*Tetrao tetrix*) in Oberschwaben. [The Black Grouse (*Tetrao tetrix*) in upper Swabia.] Orn. Monatsb. 26:142-144. (in German).

Beshkarev, A. B. 1990. Mass date about the clutch size in the wood grouse. Ekologiya 1990(2):79.

Beshkarev, A. B., A. Blagovidov, S. Sokolski, and O. Hjeljord. 1995. Populations of Capercaillie and Hazel Grouse in large natural and logged forests in northern Russia, 1950-92. Proceedings of the 6th. International Grouse Symposium 6:12-18.

Beshkarev, A. B., A. Blagovidov, V. Teplov, and O. Hjeljord. 1995. Spatial distribution and habitat preference of male Capercaillie in the Pechora-Illych Nature Reserve in 1991-92. Proceedings of the 6th. International Grouse Symposium Pp.48-53.

Beshkarev, A. B., A. Blagovidov, V. Teplov, and O. Hjeljord. 1995. Spatial distribution and habitat preference of male Capercaillie in the Pechora-Illych Strict Nature Reserve in 1991-92. Rapport - Sveriges Lantbruksuniversitet, Institutionen foer Viltekologi No. 28.

Bezel, V. S., E. A. Bel'skii, N. G. Kuramshina, and L. N. Martynenkova. 2005. [Trace element composition of the osteal tissue of Tetraonidae and Strigiformes of the Urals.] Sibirskii Ekologicheskii Zhurnal 12:489-496. (in Russian with English summary)

Bevk, D., and P. Trontelj. 2008. Upadanje populacije in Mozni Vzroki za ogrozenost divjega petelina *Tetrao urogallus* v skofjeloskem, Cerkljanskem in Polhograjskem Hribovju. [Decline and threat analysis of the Capercaillie *Tetrao urogallus* in the Skofja Loka, Cerkno and Polhov Gradec mountains (central Slovenia).] Acrocephalus 29(136):13-22. (in Slovenian with English summary).

Bezubik, B. 1960. Helminth parasites of Black-Grouse (*Lyrurus tetrix* L.) and Capercaillie (*Tetrao urogallus* L.). Acta Parasitol. Polonica 8:37-46.

Bijlsma, R. G. 1990. Population trends in Black Grouse, Grey Partridge, Pheasant and Quail in The Netherlands. The future of wild Galliformes in the Netherlands.|De toekomst van de wilde hoenderachtigen in Nederland.] Pages: 16-43.

Bijlsma, R. G., and E. Jansen. 2010. Het Korhoen, de Havik en Staatsbosbeheer. [The Black Grouse, the Goshawk and the state forestry service.] Takkeling 18:108-131. (in Dutch with English abstract).

Bjarvall, A., E. Nilsson, and L. Norling. 1977. [The importance of virgin forests for Capercaillie *Tetrao urogallus* and marten.] Fauna och Flora Naturhistoriska Riksmuseet 72:31-38. (in Swedish).

Bjordal, H., and C. Hillmann. 2002. Male Capercaillie *Tetrao urogallus* in summer - use of a pristine forest reserve in northwest Russia. Institutt for biologi og naturforvaltning, Norges landbrukshøgskole, 42pp.

Bjoerklund, J., and P. Larsson. 1995. [Forestry situation in the surroundings of

Capercaillie (*Tetrao urogallus*) play sites.] Studentuppsatser - Sveriges Lantbruksuniversitet, Institutionen foer Skogsteknik. 12pp. (in Swedish).

Bjorklund, N., and J. Vouti. 1997. The significance of the eye-combs in male-male signalling and female choice in the Black Grouse. M. Sc. Thesis. Uppsala University.

Blanco-Fontao, B. 2007. Selección de dieta y amplitud de nicho trófico del urogallo cantábrico. [Selection of diet and amplitude of trophic niche of the Cantabrian Capercaillie.] DEA. Dept. Biología de Organismos y Sistemas, Universidad de Oviedo. (in Spanish).

Blanco-Fontao, B., A. Fernadez-Gil, J. R. Obeso, and M. Quevedo. 2010. Diet and habitat selection in Cantabrian Capercaillie (*Tetrao urogallus cantabricus*): ecological differentiation of a rear-edge population. Journal of Ornithology 151:269-277.

Blanco-Fontao, B., and M. Quevedo. 2006. Could competition with ungulates be a limiting factor for Cantabrian Capercaillie? A new Ph. D. project. Grouse News 31:15-18.

Blanco-Fontao, B., and M. Quevedo. 2009. Diet and habitat selection in Cantabrian Capercaillie: ecological differentiation of a rear-edge population. Gallinformed 2:28-31.

Blanco-Fontao, B., M. Quevedo, and J. R. Obeso. 2011. Abandonment of traditional uses in mountain areas: typological thinking versus hard data in the Cantabrian Mountains (NW Spain). Biodiversity and Conservation XXX:XXX-XXX (online early). (Capercaillie).

Boag, D. A., A. Watson, and N. Bousfield. 1971. Characteristics of Pheasant x Capercaillie hybrids. Scottish Birds 6:313-321.

Boback, A. W., and D. Muller-Schwarze. 1968. Das Birkhuhn (*Lyrurus tetrix*). [The Black Grouse (*Lyrurus tetrix*).] Stuttgart: Franckh. 102pp. (in German).

Bocca, M. 1995. Dispersion and habitat selection of displaying male Black Grouse in the Mont Avic Natural Park, western Italian Alps. Proceedings of the 6th. International Grouse Symposium. Pp. 54-58.

Bochenski, Z. M., and T. Tomek. 2000. Identification of bones of galliform hybrids. Journal of Archaeological Science 27:691-698.

Bock, J. 1977. Studien am Birkwild (*Tetrao tetrix*) im Dellstedter Moor und im Großen Moor bei Sulingen. [Studies of the Black Grouse (*Tetrao tetrix*) in the Dellstedter moorland and generally speaking moorland with Sulingen.] Thesis. Univ.,

Schriftl. Hausarbeit—Kiel. (in German).

Bodal, T. M. 2001. Habitat use of Capercaillie *Tetrao urogallus* broods during summer. M. Sc. Thesis. Agricultural University of Norway. 51pp.

Boev, Z. N. 1988. First proofs of the existence of the Black Grouse (*Tetrao tetrix* (L.)) (Aves, Tetraonidae) in Bulgaria. Acta Zoologica Bulgarica Supplement No. 36, Pages:72-77

Boev, Z. 1997. Wild Galliform and Gruiform birds (Aves, Galliformes and Gruiformes) in the archaeological record of Bulgaria. International. Journal of Osteoarchaeology 7:430-439.

Boev, Z. 1997. The Black Grouse, *Tetrao tetrix* (L.,1758) (Tetraonidae, Aves), a disappeared species in Bulgaria (Paleolithic and Neolithic records). Anthropozoologica 25-26:643-646.

Boev, Z. 1999. On the presence of *Tetrao partium* (Kretzoi, 1962) (Aves: Tetraonidae) in the Late Pliocene of Bulgaria. Historia Naturalis Bulgarica 10:85-96.

Bogdanov, M. N. 1868. [Biogeographic history of Black Grouse]. Proceedings of 1st Congress of Russian Naturalists, Section of Zoology. (in Russian).

Bollmann, K. 2002. Dynamics of Capercaillie in the Swiss Alps: metapopulation modelling at the landscape scale – a project description. Grouse News 23:6-7.

Bollmann, K., A. Friedrich, R. Fritsche, R. F. Graf, S. Imhof, and P. Weibel. 2008. Kleinräumige Habitatnutzung des Auerhuhns *Tetrao urogallus* im Alpenraum. [Small-scale habitat use of Western Capercaillie *Tetrao urogallus* in the Alps.] Ornithologische Beobachter 105:53-61. (in German with English summary).

Bollmann, K., and R. F. Graf. 2008. Wie beeinflussen Lebensraumangebot und –fragmentierung die Verbreitung von Lokalpopulationen beim Auerhuhn? [How do habitat availability and fragmentation influence the distribution of local populations in Western Capercaillie?] Ornithologische Beobachter 105:45-52. (in German with English summary).

Bollmann, K., R. F. Graf, R. Debrunner, and W. Suter. 2004. The Capercaillie as indicator of high species richness: potential and limitations of the umbrella species concept. Pp. 200-207 In: R. Smithers (Ed.), 12th. Conference International Association of Landscape Ecology.

Bollmann, K., R. F. Graf, S. Imhof, P. Weibel, A. Friedrish, and B. Fritsche. 2008. Kleinräumige Habitatnutzung des Auerhuhns *Tetrao urogallus* im Alpenraum. [Small-scale habitat use of Western Capercaillie *Tetrao urogallus* in the Alps.] Ornithologische Beobachter 105:53-61. (in German with English summary).

Bollmann, K., R. F. Graf, and W. Suter. 2011. Quantitative predictions for patch occupancy of Capercaillie in fragmented habitats. Ecography 34:276-286.

Bollmann, K., W. Suter, L. Jenni, and N. Perrin. 2008. Naturschutzforschung am Auerhuhn in der Schweiz: Eine Übersicht. [Conservation biology of Western Capercaillie *Tetrao urogallus* in Switzerland: An overview.] Ornithologische Beobachter 105:5-16. (in German with English summary).

Bollmann, K., D. Thiel, R. F. Graf, and G. Jacob. 2008. Von der Forschung zur Auerhuhnförderung: Eine Projektsynthese. [From Western Capercaillie research to species conservation: A project synthesis.] Ornithologische Beobachter 105:107-116. (in German with English summary).

Bollmann, K., P. Weibel, and R. F. Graf. 2005. An analysis of central Alpine Capercaillie spring habitat at the forest stand scale. Forest Ecology and Management 215:307-318.

Bongard, C. 2008. The use of breeding bird atlases and remotely sensed data provides a means to determine the minimum area of different land cover types needed for species persistence. M. Sc. Thesis. University of Toronto. 84pp. (Black Grouse).

Borchtchevski, V. G. 1993. [Population biology of the Capercaillie. Principles of the structural organization.] CNIL okhotnich'ego hozyaista I zapovednikov. Moscow. (in Russian with English summary).

Borchtchevski, V. G. 1994. Daily food habits of the Capercaillie (*Tetrao urogallus*) in spring in the west of the Russian taiga Gibier Faune Sauvage 11:219-233. (In French with English abstract).

Borchtchevski, V. G. 1994. Animal diet of juvenile and adult Capercaillie (*Tetrao urogallus*) in the western part of the Russian Taiga Gibier Faune Sauvage 11:271-286. (In French with English abstract).

Borchtchevski, V. G. 1994. Diet of juvenile and adult Capercaillie (*Tetrao urogallus*) in the western part of the Russian taiga. Gibier Faune Sauvage 11:321-38. (In French with English abstract).

Borchtchevski, V. G. 1995. Comparison of the spring diets of male and female Capercaillies (*Tetrao urogallus*) in the Russian taiga. Gibier Faune Sauvage 12:303-320.

Borchtchevski, V. 2009. The May diet of Capercaillie (*Tetrao urogallus*) in an extensively logged area of NW Russia. Ornis Fennica 86:18-29.

Borchtchevski, V. G., and J. P. Gubar. 2003. The deficiency of main spring foods of Capercaillie *Tetrao urogallus*. Is it possible? Pp. 38-42 In: P. I. Danilov and V. B. Zimin (Eds.), Proceedings of the Third International Symposium on the Dynamics of Game Animals in Northern Europe. 16-20 June 2002, Sortavala, Karelia, Russia.

Borchtchevski, V. G., O. Hjeljord, P. Wegge, and A. V. Sivkov. 2003. Does fragementation by logging reduce grouse reproductive success in boreal forests? Wildlife Biology 9:275-282.

Borchtchevski, V. G., and A. G. Kupriyanov. 2010. Age composition of Capercaillie (*Tetrao urogallus*, Tetraonidae, Galliformes). Population in the northern part of western Siberia. Zoologichesky Zhurnal 89:609-619. (in Russian with English abstract).

Borchtchevski, V. G., and E. Taran. 2000. Diet of the Black Grouse (*Tetrao tetrix*) in Vodlozerski National Park, North-Western Russia. Game Wildlife Science 17:29-40.

Borg, E. 1953. Toxoplasmosis in hares and Capercaillie in Sweden during the years 1948-1952. Proceedings of the XV International Veterinary Congress 1:406-409.

Borg, K. 1953. On Leucocytozoon in Swedish Capercaillie, Black Grouse, and Hazel Grouse. D. V. M. Thesis. University of Stockholm, Sweden.

Borg, K. 1987. A review of wildlife diseases from Scandinavia. Journal of Wildlife Diseases 23:527-533.

Borg, K. 1995. Verschlucken der Zunge als Todesursache beim Auerhahn (*Tetrao urogallus* L.). [Swallowing of the tongue as a factor in the mortality of Capercaillie (*Tetrao urogallus* L.).] Zeitschrift fuer Jagdwissenschaft 41:292-294. (in German with English abstract).

Borg, K. 1998. [Capercaillie *Tetrao urogallus* and Black Grouse *Tetrao tetrix* killed by Predators]. Ornis Svecica 8:128. (in Swedish with English summary).

Borset, E., and A. Krafft. 1973. Black Grouse *Lyrurus tetrix* and Capercaillie *Tetrao urogallus* brood habitats in a Norwegian spruce forest. Oikos 24:1-7.

Bottazzo, M., M. Cereda, and M. Favaron 2004. Interventi per la salvaguardia dell'habitat di gallo cedrone (*Tetrao urogallus*) nel Parco Naturale delle Orobie Valtellinesi. [Participations for the safeguard of the habitat of Capercaillie (*Tetrao urogallus*) in the Natural Park of the Orobie Valtellinesi. In: Atti del Convegno "Miglioramenti ambientali a fini faunistici: esperienze dell'arco alpino a confronto", San Michele all'Adige, Trento, 5 giugno 2003, Sherwood 96 (suppl. 2):45-52. (in Italian).

Bottazzo, M., M. Cereda, M. Favaron, C. Sacchi, L. Andreis, and L. Fornasari. 2000. Interventi di protezione e ricostruzione dell'habitat del Gallo cedrone (*Tetrao urogallus*) nel Parco delle Orobie Valtellinesi. [Participations of protection and reconstruction of the habitat of the Capercaillie (*Tetrao urogallus*) in the Park of the Orobie Valtellinesi.] Parco delle Orobie Valtellinesi, 37 pp. (in Italian).

Bottazzo, M., and P. F. De Francheschi. 1996. Aspetti ambientali delle arene di canto di Fagiano di Monte (*Tetrao tetrao* L.) nel Tarvisano (Alpi Orientali). [Aspects acclimatize them of the arenas of song of Mount Pheasant (*Tetrao tetrao* L.) in the Tarvisano (the Alps It orients them)]. Avocetta 20:33-39. (in Italian with English summary).

Botev, N., I. Kolev, and N. Ninov. 1993. Basic morphologic signs, feeding and reproduction of the Capercaillie *Tetrao urogallus* L. in Bulgaria. Proceedings of the 21st. Congress of the International Union of Game Biologists. Pp. 144-147.

Botev, N., I. Kolev, N. Ninov, and C. Michaelov. 1993. Distribution of Capercaillie *Tetrao urogallus* L. in Bulgaria. Proceedings of the 21st. Congress of the International Union of Game Biologists. Pp. 139-144.

Bowker, G., and C. Bowker. 2003. Lake Vyrnwy Black Grouse project. Final Report to Severn Trent Water.

Bowker, G., C. Bowker, and D. Baines. 2007. Survival rates and causes of mortality in Black Grouse *Tetrao tetrix* at Lake Vyrnwy, North Wales, UK. Wildlife Biology 13:231-237.

Bozic, L. 2004. Rusevec *Tetrao tetrix*. [Black Grouse *Tetrao tetrix*.] Acrocephalus (Ljubljana) 25:225-226. (in Slovenian with English summary).

Bozic, I. A., and M. Jersek. 2005. Divji petelin (*Tetrao urogallus*) in njegovi kamencki. [The Capercaillie (*Tetrao urogallus*) and its grit stones.] Argo Ljubljana 48:11-14. (in Slovenian).

Bramwell, D., D. W. Yalden, and P. E. Yalden. 1987. Black Grouse as the prey of the Golden Eagle at an archaeological site. Journal of Archaeological Science 14:195-200.

Braunisch, V. 2006. A habitat and habitat-connectivity model for Capercaillie *Tetrao urogallus* in the Black Forest as a tool for sustainable conservation planning (a PhD project in progress). Grouse News 31:9-11.

Braunisch, V. 2008. Spatially explicit species habitat models for large scale conservation planning modelling habitat potential and habitat connectivity for Capercaillie (*Tetrao urogallus*). Ph. D. Dissertation, Freiburg University. 245pp.

Braunisch, V., K. Bollmann, R. F. Graf, and A. H. Hirzel. 2008. Living on the edge – Modelling habitat suitability for species at the edge of their fundamental niche. Ecological Modelling 214:153-167. (Capercaillie)

Braunisch, V., P. Patthey, and R. Arlettaz. 2011. Spatially explicit modeling of conflict zones between wildlife and snow sports: prioritizing areas for winter refuges. Ecological Applications 21:955-967. (Black Grouse).

Braunisch, V., G. Segelbacher, and A. H. Hirzel. 2010. Modelling functional landscape connectivity from genetic population structure: a new spatially explicit approach. Molecular Ecology XXX:XXX-XXX (online early). (Capercaillie).

Braunisch, V., and R. Suchant. 2007. A model for evaluating the 'habitat potential' of a landscape for Capercaillie *Tetrao urogallus*: A tool for conservation planning. Wildlife Biology 13 (Suppl. 1):21-33.

Braunisch, V., and R. Suchant. 2008. Using ecological forest site mapping for long-term habitat suitability assessments in wildlife conservation—Demonstrated for Capercaillie (*Tetrao urogallus*). Forest Ecology and Management 256:1209-1221.

Braunisch, V., G. Segelbacher, and A. H. Hirzel. 2010. Modelling functional landscape connectivity from genetic population structure: a new spatially explicit approach. Molecular Ecology 19:3664-3678. (Capercaillie).

Brenot, J.-F., M. Catusse, and E. Menoni. 1996. Effets de la station de ski de fond du plateau de Beille (Ariege) sur une importante population de Grand Tetras *Tetrao urogallus*. [The effects of the Plateau de Beille cross-country ski station (Ariege) on an important population of the Capercaillie *Tetrao urogallus*.] Alauda 64:249-260. (in French).

Brenot, J. F., and P. Fosty. 1994. Découverte de loges creusées sous la neige par le grand tetras *Tetrao urogallus* dans les Pyrénées. [Discovered burrows dug under snow by the Capercaillie *Tetrao urogallus* in the Pyrenees.] Alauda 62:147-148. (in French).

Breuss, M., and P. Angelstam. 2001. Grouse as conservation tools – a European perspective. Grouse News 22:15-20.

Breuttedt, H. 1976. Beitrag zur kunstlichen Aufzucht von Birkwild. Praktische Tierarzt 57:812-813, 817.

Brglez, J., R. Rakovec, and H. Hribar. 1970. Die Parasiten des Birkhuhns (*Lyrurus tetrix* L.) aus einigen Jagdrevieren Sloweniens (Jugoslawien). [The parasites of the Black Grouse (*Lyrurus tetrix* L.) from some hunting grounds of Slovenia

(Yugoslavia). European Journal of Wildlife Research 16:32-35. (in German).

Bright, J. A., R. H. W. Langston, R. Bullman, R. J. Evans, S. Gardner, J. Pearce-Higgins, and E. Wilson. 2006. Bird Sensitivity Map to provide locational guidance for onshore wind farms in Scotland. Report by the Royal Society for the Protection of Birds, as part of a programme of work jointly funded by the RSPB and Scottish Natural Heritage. RSPB Research Report No. 20. 140pp. (Black Grouse, Capercaillie).

Brittas, R., and M. Karlbom. 1990. A field evaluation of the Finnish 3-man chain a method for estimating forest grouse numbers and habitat use. Ornis Fennica 67:18-23.

Brittas, R., and T. Willebrand. 1991. Nesting habitats and egg predation in Swedish Black Grouse. Ornis Scandinavia 22:261-263.

Brugnoli, A., and R. Brugnoli. 2006. La foresta come habitat del Gallo cedrone: ricerca applicata e nuove esperienze di gestione. [Forest as Capercialliе's habitat: applied research efforts and new management experiences.] Forest@ 3 (2): 168-182. [online] URL: http://www.sisef.it/ (in Italian with English abstract).

Brugnoli, A., and M. Gianesini. 2007. Un'esperienza di progettazione di interventi di miglioramento ambientale per il Fagiano di monte in Valsugana (Trentino). [Planning habitat improvement for Black Grouse in Valsugana, Trentino, Italy.] Forest@ 4 (1): 19-27. [online] URL: http://www.sisef.it/. (in Italian with English summary).

Brull, V. H. 1961. Birkwildforschung und Birkwildhege in Schleswig-Holstein Ein Beitrag zur Biologie des Birkwildes. European Journal of Wildlife Research 7:104-126. (In German with English summary).

Brull, H. 1971. Studien am Birkwild im Beobachtungsrevier Dellstedter Birkwildmoor über 16 Jahre, 1954–1969. [Studies of Black Grouse in Dellstad over 16 years, 1954-1969]. European Journal of Wildlife Research 17:53-59. (in German with English summary).

Bufka, L. 2004. Monitoring populace tetřeva hlušce (*Tetrao urogallus*) na Šumavě. [The monitoring of the population of the Capercaillie (*Tetrao urogallus*) in the Bohemian Forest.] Aktuality 4:233-235. (in Czech with English summary).

Bufka, L., J. Červeny, and P. Burger. 2000. Vývoj početnosti tetřeva hlušce (*Tetrao urogallus*) na Šumavě. In: Tetřevovití – Tetraonidae na přelomu tisíciletí, MÁLKOVÁ P (ed.) Sborník příspěvků z mezinárodní konference, 24.–26. 3. 2000, České Budějovice: 52–57. (in Czech). (Capercaillie).

Bula, E. 1969. [Materials referring to the distribution and biology of the Capercaillie (*Tetrao urogallus* C. L. Brehm) in the Voivodeship Wroclaw.] Przegl. zool.

13:212-223. (in Polish).

Buturlin, S. A. 1907. Neue palaarktische Formen. [A new form of Capercaillie.] Ornith. Monatsber. 15:81-82. (in German).

Buturlin, S. A. 1907. Note on *Tetrao urogallus lugens*. Ibis 1907:215-216.

Buxton, A. 1949. Capercaillie. Bird Notes 24:5-8.

Cadman, A. 1979. Some observations of a forester/naturalist, Capercaillie and Blackgame. Pp. 158-162 In: Woodland Grouse Symposium, Inverness, Scotland. December 4th - 8th, 1978.

Cadman, W. A. 1949. Distribution of Black Grouse in North Wales forests. British Birds 42:365-367.

Caizergues, A., A. Bernard-Laurent, J.-F. Brenot, Y. Magnani, and L. Ellison. 2002. Population genetic structure of Black Grouse (*Tetrao tetrix*) and Rock Ptarmigan (*Lagopus mutus*). Scientific Report, 2002 ONCFS. (In French with English abstract).

Caizergues, A., S. Dubois, A. Loiseau, G. Mondor, and J. Y. Rasplus. 2001. Isolation and characterization of microsatellite loci in Black Grouse (*Tetrao tetrix*). Molecular Ecology Notes 1:36-38.

Caizergues, A., S. Dubois, G. Mondor, A. Loiseau, L. N. Ellison, and J.-Y. Rasplus. 2001. Genetic structure of Black Grouse (*Tetrao tetrix*) populations of the French Alps. Genetics Selection Evolution 33 (Supp. 1):177-192.

Caizergues, A., and L. N. Ellison. 1997. Survival of Black Grouse *Tetrao tetrix* in the French Alps. Wildlife Biology 3:177-186.

Caizergues, A., and L. N. Ellison. 1998. Impact of radio-tracking on Black Grouse *Tetrao tetrix* reproductive success in the French Alps. Wildlife Biology 4:205-212.

Caizergues, A., and L. N. Ellison. 2000. Age specific reproductive performance of Black Grouse *Tetrao tetrix* females. Bird Study 47:344-351.

Caizergues, A., and L. N. Ellison. 2002. Natal dispersal and its consequences in Black Grouse *Tetrao tetrix*. Ibis 144:478-487.

Caizergues, A., L. Ellison, A. Bernard-Laurent, Y. Magnani, and C. Novoa. 2005. L'organisation spatiale des populations. L'exemple du Tetras-lyre et du Lagopede alpin. [The space organization of the populations. The example of the Black Grouse and Rock Ptarmigan.] Faune Sauvage 265:22-32. (in French).

Caizergues, A., O. Ratti, P. Helle, L. Rotelli, L. Ellison, and J-Y Rasplus. 2003. Population genetic structure of male Black Grouse (*Tetrao tetrix* L.) in fragmented vs. continuous landscapes. Molecular Ecology 12:2297-2305

Calenge, C., M. Birkan, and P. Lebreton. 2003. Separation of ecological niches of galliform mountain birds in the Northern Alps (Vanoise National Park). Game Wildlife Science 20:259-285.

Calladine, J., D. Baines, and P. Warren. 2000. Restoration of moorland habitat in northern England: a conservation inititive for Black Grouse. Cahiers d'Ethologie 20:521-532.

Calladine, J., D. Baines, and P. Warren. 2002. Effects of reduced grazing on population density and breeding success of Black Grouse in northern England. Journal of Applied Ecology 39:772-780.

Calovi, F. 1992. Biologia e consistenza del gallo cedrone nelle foreste demaniali del Parco Naturale di Paneveggio - Pale di S. Martino. [Biology and consistency of the Capercaillie in the state property forests of the Natural Park of Paneveggio – Pale di S. Martino.] Atti del Convegno di S. Michele all'Adige (09/11/1990), Provincia Autonoma di Trento, pp. 69-82. (in Italian).

Canham, L. 2009. Ecology of Capercaillie within a managed pine forest. M. Sc. Thesis. University of Stirling.

Cano, M. 2007. Influencia de la estructura del hábitat en la depredación de nidos artificiales en el área de distribución del urogallo cantábrico. [Influence of the structure of the habitat in the depredation of artificial nests in the area of distribution of the Cantabrian Capercaillie.] DEA. Dept. Biología de Organismos y Sistemas, Universidad de Oviedo. (in Spanish).

Canut, J. 1993. Tendència poblacional del Gall fer (*Tetrao urogallus*) al Parc Nacional d'Aigüestortes i estany de Sant Maurici (Catalunya). Recomanacions per a la gestió de l'espècie a l'àmbit de l'espai protegit**. [**Population trends of the Capercaillie (*Tetrao urogallus*) in the Aigüestortes-Sant Maurici National Park (Catalonia, NE Spain). Recommendations for the managernent in the protected area.] Butlletí del Grup Català d'Anellament 10:33-38. (in Spanish with English summary).

Canut, J., M. Catusse, E. Menoni, C. Novoa, D. Garcia, and X. Marco. 1996. Metodos de censo para la obtencion de los parametros reproductores del Urogallo *Tetrao urogallus aquitanicus* en los pirineos: comparacion y recomendaciones para su aplicacion. [Different censusing methods for evaluating the breeding parameters of the Capercaillie *Tetrao urogallus aquitanicus* in the Pyrenees: a comparison of two methods.] Alauda 64:195-204. (in Spanish).

Canut, J., and J. Prieto. 2004. Aiguestortes i Estany de Sant Maurici (Lleida) Censar urogallos y lagopodos alpinos. [Aiguestortes i Estany de Sant Maurici (Lleida). Censusing of the Capercaillie and the Ptarmigan.] Garcilla 121:25. (in Spanish)

Carleos, C., and M. Lopez-Diaz. 2010. An indexed dispersion criterion for testing the sex-biased dispersal of lek mating behavior of Capercaillies. Environmental and Ecological Statistics 17:283-301.

Carlsson, A. 2002. Resting site patterns and hiding cover of female Capercaillie (*Tetrao urogallus*.L.) with or without brood in the Scandinavian mountain region - diurnal perspective. Undergrad thesis. Swedish University of Agricultural Science

Carlsson, P., J. Johannsson, and A. Larsson. 2005. Battre en tjader i skogen... [Better a Capercaillie in the forest...] Anser 44:73-84. (in Swedish).

Caro, T. 1990. Birkwild (*Tetrao tetrix*) in Schleswig-Holstein : Verbreitung u. Bestandesentwicklung bis in die heutige Zeit, unt. bes. Beachtung von Landschaftsstrukturänderungen. [Black Grouse (*Tetrao tetrix*) in Schleswig-Holstein: Spreading and inventory development into the today's time, in response to attention of landscape structural changes.] Diploma Thesis. Göttingen, Univ., Forstwiss. Fachber., Inst. für Wildbiologie u. Jagdkunde. 143pp. (in German).

Čas, M. 1996. The influence of forest changes in Alpine landscape on the suitability of Capercaillie (*Tetrao urogallus* L.) habitats. M.Sc. thesis, Ljubljana, Biotechnical Faculty, Department of Forestry, 144 pp.

Cas, M. 1998. The endangerment of Capercaillie subpopulations in the mountain forests of Slovenia. Grouse News 16:17-21.

Čas, M. 1999. Spatial endangerment of Capercaillie (*Tetrao urogallus* L.) populations in Slovenia in 1998. ZbGL, št. 60:5-52.

Cas, M. 2000. Changes of Capercaillie habitats with altitude in Slovenia. Grouse News 19:11-14.

Čas, M. 2000. Divji petelin (*Tetrao urogallus*) in stanje v gorskem gozdu Slovenije leta 1999. Gozdar.vestn. 58(5-6):266-275. (in Slovenian).

Čas, M. 2000. Ohranjanje habitatov ogroženih vrst divjadi in drugih prostoživečih živali v gozdnih ekosistemih - gozdne kure - divji petelin zaključni elaborat (projekt CRP - Gozd V4 0175109). Ljubljana, Gozdarski inštitut Slovenije, Oddelek za ekologijo gozdne favne in lovstvo :109 str. (in Slovenian).

Cas, M. 2001. Divji petelin v Sloveniji - indikator devastacij, rabe, razvoja in biodiverzitete gorskih gozdnih ekosistemov. [Capercaillie in Slovenia - indicator

of devastation, use, development and biodiversity of mountain forest ecosystems.] Gozdarski vestnik Ljubljana 59(10):411-428. (in Slovenian).

Cas, M. (ed.) 2001. Ogrozene zivalske vrste na primeru divjega petelina (*Tetrao urogallus* L.) v Sloveniji. [Threaten [sic] of animal species on the case of Capercaillie (*Tetrao urogallus* L.) in Slovenia]. Conference Proceedings (In Slovenian, with English summaries).

Cas, M. 2002. Forest land biodiversity use, degradation and development, co-natural silviculture and Capercaillie (*Tetrao urogallus* L.) as indicator in Slovenian Alps. Grouse News 24:10-12.

Cas, M. 2002. Divji petelin (*Tetrao urogallus* L.) v Triglavskem narodnem parku v letih 1998 - 2000 : raziskava. (in Slovenian).

Cas, M. 2006. Fluctuations in the Capercaillie *Tetrao urogallus* (L.) population in relation to past land use and forest structure in the south-east Alps. Ph. D. Dissertation. University of Ljubljana, Slovenia.

Cas, M. 2008. Capercaillie monitoring is an important tool for observing changes in boreal forest ecosystems, but introduction of a hunting ban in the Slovenian Alps has highlighted certain problems. Grouse News 35:16-20.

Cas, M. 2010. Disturbances and predation on Capercaillie at leks in Alps and Dinaric Mountains. Sumarski List 134:487-495.

Cas, M., and M. Adamic. 1995. The impacts of forest die-back on the distribution of Capercaillie leks in north-central Slovenija. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:175.

Čas, M. and M. Adamič. 1998. The influence of forest alteration on the distribution of Capercaillie (*Tetrao urogallus* L.) leks in the eastern Alps. Ljubljana, ZbGL, št. 57:5-57.

Cas, M., and M. Adamic. 2007. Vpliv podnebnih sprememb na fluktuacije populacij divjega petelina (*Tetrao urogallus* L.) v jugovzhodnih Aplah na Slovenskem. [Influence of climate change on the fluctuation of capercaillie (*Tetrao urogallus* L.) population in the Slovenian southeast Alps.] Pp. 99-116 IN: Podnebne spremembe Ljubljana : Biotehniska fakulteta, Oddelek za gozdarstvo in obnovljive gozdne vire. [Biotechnical Faculty, Department of Forestry and Renewable Forest Resources Slovenia.], 2007. (in Slovenian with English abstract).

Castroviejo, J. 1967. Eine neue Auerhuhnrasse von der Iberischen Halbinsel. [A new Caperciallie of the Iberia Penisula.] Journal of Ornithology 108:220-221. (in German).

Castroviejo, J. 1975. El urogallo en España. [Capercaillie in Spain.] Publicaciones del C.S.I.C. Monografias de la Estacion Biologica de Donana 3. 546pp. (In Spanish with English summary).

Castroviejo, J., M. Delibes, M. A. Garcia, J. Garzon, and E. Junco. 1974. Census of the Cantabrian Capercaillie (*Tetrao urogallus cantabicus*). Transactions of the International Congress of Game Biologists, Stockholm (1973). 11:203-223.

Catt, D., D. Baines, and R. Moss. 1997. Abundance and distribution of Capercaillie in Scotland 1992-94. Unpublished Report. Scottich Natural Heritage, Edinburgh.

Catt, D. C., D. Baines, N. Picozzi , R. Moss, and R. W. Summers. 1998. Abundance and distribution of Capercaillie in Scotland 1992-94. Biological Conservation 85:257-267.

Catt, D. C., D. Dugan, R. E. Green, R. Moncrieff, R. Moss, N. Picozzi, R. W. Summers, and G. A. Tyler. 1994. Collisions against fences by woodland grouse in Scotland. Forestry 67:105-118.

Cattadori, I. M., and P. J. Hudson. 1999. Temporal dynamics of grouse populations at the southern edge of their distribution. Ecography 22:374-383.

Catusse, M. 1989. Les abris hivernaux du grand tetras (Tetrao urogallus L.) dans les Pyrenees. [Winter roost of the Capercaillie *Tetrao urogallus* L. in the Pyrenees France.] Gibier Faune Sauvage 6:81-90. (in French with English abstract).

Catusse, M. 1992. Ontogenese du systeme de reproduction des males de Grand Tetras, observe sur une arene des Pyrenees centrales. [Ontogenesis of the breeding system of the male Capercaillie, observed at a lek site in the central Pyrenees.] Alauda 60:81-92. (in French with English summary).

Catusse, M. 1993. Spatial and temporal plasticity of a Capercaillie, (*Tetrao urogallus*) arena in the French Pyrenees. Ethology Ecology and Evolution 5:145-156.

Catusse, M. 1993. Organisation spatio-temporelle de l'activite des poules de Grand Tetras sur une arene des Pyrenees centrales. [The spatio-temporal organization of the activities of female Capercaillie on a lek in the central Pyrenees.] Oiseau et la Revue Francaise d'Ornithologie 63:178-193. (in French with English summary).

Catusse, M. 1993. The role of abiotic factors in the timing of Capercaillie (*Tetrao urogallus* L.) display in the central Pyrenees. Gibier Faune Sauvage 10:103-118. (in French, with English abstract).

Catusse, M. 1993. Ontogenesis of the breeding system of male Capercaillie observed at a lek site in the central Pyrenees, south-west France. Alauda 60:81-92. (in

French with English abstract).

Catusse, M. 1998. Release factors of breeding activities in Capercaillie (*Tetrao urogallus*) hens. Ethology 104:407-420.

Catusse, M., E. M. Corda, and N. J. Aebischer. 2002. Winter habitat selection and food choice of the capercaillie (*Tetrao urogallus*) in the French Pyrenees. Game & Wildlife Science 19(4), December 2002:261-280.

Catusse, M., and E. Menoni. 1999. La reproduction du grand tetras (*Tetrao urogallus*). [Reproduction of Capercaillie (*Tetrao urogallus*).] Bulletin Mensuel de l'Office National de la Chasse. 243:4-9. (in French)

Catusse, M., C. Novoa, E. Menoni, L. Chayron, and E. Conte. 1992. [Hunting Capercaillie in France (*Tetrao urogallus*).] Bulletin Mensuel de l'Office National de la Chasse 173:8-13. (in French).

Catusse, M., C. Novoa, E. Menoni, J. Poirot, and B. Leclercq. 1992. [Capercaillie (*Tetrao urogallus* L.) population status in France. Recommandations for managing species and habitats.] Bulletin Mensuel de l'Office National de la Chasse 171:14-19. (in French).

Cavanna, G. 1879. Ancora sulla polimelia nei batraci anuri. Sopra alcuni visceri del gallo cedrone (*Tetrao urogallus* Linn.). [On the anatomy of the Capercaillie (*Tetrao urogallus*).] Firenze, Tip. dei successori Le Monnier. 21pp. (in Italian).

Cavanna, G. 1879. Sopra alcuni visceri del gallo cedrone. (*Tetrao Urogallus* Linn.). [Over some visceri of the Capercaillie. (*Tetrao Urogallus* Linn.). Pubbl. R. Ist. stud. sup. Sez. sci. fis. e nat. Firenze. 2:16-21. (in Italian).

Cayford, J. T. 1988. The control of heather (*Calluna vulgaris*) with glyphosate in young forest plantations: the effect on habitat use by Black Grouse (*Tetrao tetrix*) in summer. Aspects of Applied Biology 16:355-362.

Cayford, J. T. 1990. The distribution and habitat preferences of Black Grouse in commercial forests in Wales: Conservation and management implications. Union of Game Biologists Congress 19:435-447.

Cayford, J. T. 1993. Black Grouse and forestry: habitat requirements and management. Tech. Paper 1, Forestry Commission, Edinburgh.

Cayford, J. T., J. Andrews, and S. P. Carter. 1993. Black Grouse census and monitoring. Britain's birds in 1990-91: the conservation and monitoring review. Pages:124-126.

Cayford, J. T., and P. Hope Jones. 1989. Black Grouse in Wales. RSPB Conservation

Review 1989:79-82.

Cayford, J. T., G. Tyler, and L. Macintosh-Williams. 1989. The ecology and management of Black Grouse in Conifer forests. Royal Society for the preservation of Birds.

Cayford, J. T., and F. Walker. 1991. Counts of male Black Grouse *Tetrao tetrix* in North Wales. Bird Study 38:80-86.

Celada, C. 1994. Display sites in Black Grouse *Tetrao tetrix* in Val Troncea Natural Park. Atti Convegno Italiano di Ornitologia 6:305-313.

Cescatti, A. 1996. Aspetti strutturali e problematiche gestionali delle arene di canto del gallo cedrone (*Tetrao urogallus* L.). [Managerial structural and problematic aspects of the leks of the Capercaillie (*Tetrao urogallus* L.).] Report Centro di Ecologia Alpina 4:1-60. (in Italian).

Cheng, T. 1979. A sketch of the avian fauna of China, with special reference to galliform species. Pp. 45-47 *in*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Cheng, T. 1979. Taxonomic and ecological notes on Capercaillies and Black Grouse in China. Pp. 83-86 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Chibisov, S. D. 1978. [Feeding of Capercaillie in the northeastern Komi ASSR.] Ekologiya 3:89-90. (in Russian).

Chibisov, S. D. 1978. Feeding of Capercaillie in the northeastern Komi ASSR. Soviet Journal of Ecology 9:274-275.

Christensen, J. S. 2009. [The occurrence of Capercaillie in Denmark, with remarks on its official status.] Dansk Ornitologisk Forenings Tidsskrift 103:71-76. (in Danish).

Chunikhin, S. P. 1960. [The Caucasian Grouse]. Hunting, 8. (in Russian).

Ciach, M., D. Wikar, M. Bylicka, and M. Bylicka. 2010. Flocking behavior and sexual segregation in Black Grouse *Tetrao tetrix* during the non-breeding period. Zoological Studies 49:453-460.

Ciereszko, A., G. J. Dietrich, E. Liszewska, A. Krzywinski, and A. Kobus. 2011. Short-term storage and cryopreservation of Black Grouse *Tetrao tetrix* and Capercaillie *T. urogallus* semen. European Journal of Wildlife Research

57:383-388.

Ciereszko, A., A. Kowalczyk, E. Lucaszewicz, A. Krzywinski, A. Kobus, and G. J. Dietrich. 2009. Sperm characteristics of male hybrid from a cross between male Black Grouse *Tetrao tetrix* and female Capercaillie *Tetrao urogallus*. Ornis Fennica 86:149-152.

Clarke, W. E. 1886. On the Hybrid between *Lagopus albus* and *Tetrao tetrix*. Proceedings Zoological Society London 1886:224-240.

Claudon, A. 1936. Le Grand Tetras, *Tetrao urogallus urogallus* Linne dans le departement des Vosges. [The Capercaillie, *Tetrao urogallus urogallus* Linne in the department of the Vosges.] Oiseau Paris 6:514-518. (in French).

Coleman-Cooke, J. 1970. New hope for Exmoor's Black Grouse. Journal of the Devon Trust for Nature Conservation 2:76-78.

Collette, R. 1886. On the hybrid between *Lagopus albus* and *Tetrao tetrix*. Proceedings of the Zoological Society of London Pp. 224-230.

Collette, R. 1898. En ny bastardform blandt Norges Tetraonider, "Fjeldrype-Orre" (*Lagopus mutus* X *Tetrao tetrix*). [A new hybrid form of northern grouse (*Lagopus mutus* X *Tetrao tetrix*).] Bergens Museums Aarberetning 1987, no. 2 (in German)

Coscove, P., and J. Oswald. 2001. Western Capercaillie captures in snares. Scottish Birds 22:28-30.

Couzens, D. 2007. Birding challenge: Battles at the Black Grouse lek. BBC Wildlife 25(4): 12-15.

Crampe, J. P., 1981. [Observations on the Pyrenean Capercaillie (*Tetrao urogallus* L.) in the valley, performed by forest rangers at the National Park of the Western Pyrenees.] Bulletin d'Ecologie 12:157-186. (in French).

Crampe, J.-P. 1986. Le grand tétras au chant: biotope, démographie, comportement. [The Capercaillie with the song: biotope, demography, behavior.] Documents scientifiques du Parc national des Pyrénées. 67pp. (in French).

Cruveille, M. H. 1985. [Study and research on the Black Grouse (*Lyrurus tetrix*)]. Bulletin Mensuel de l'Office National de la Chasse 89:36-40. (in French).

Cuenca. R., I. Marco, Y. Espada, J. Pastor, and S. Lavin. 1995. A comparison of the total serum protein and protein electrophoretic fractions of young and adult captive-reared Capercaillie (*Tetrao urogallus*). Journal of Zoo Wildlife Medicine 26:269-271.

Daguin, E. 1909. Note sur une femelle de Tetras hybride. [Note on a hybrid female of grouse.] Paris Rev. Fr. d'Orn. 1:76. (in French). (Capercaillie and Black Grouse).

Dalyell, T. 1990. Of Capercaillie, Bees and power-stations. New Scientist 126(1713):67-68.

Dandiker, G. P. Durand, N. Naceur, an C. Neet. 1996. Contribution to the study and conservation of the Capercaillie in the Jura vaudois. Memoires de la Scoiete Vaudoise des Sciences Natuelles 19:175-236. (in French with Emglish abstract).

Danilov, N. N. 1965. [Geographic variation of the Capercaillie.] Ornitologiya 7:444-445. (in Russian).

D'Aubusson, M. 1907. Sur la protection et la domestication du Tetras urogalle (*Tetrao urogallus*). [On the protection and domestication of the Capercaillie (*Tetrao urogallus*).] Paris, Bul. soc. nat. acclim. 54:276-286. (in French).

Davidsson, A. 2002. Resting site patterns and hiding cover of female Capercaillie (*Tetrao urogallus* L.) with or without brood in the Scandinavian mountain region - nocturnal perspective. Undergrad thesis. Swedish University of Agricultural Science.

De Bruijn, O., P. Dirks, P. Ten Den, T. Klomphaar, and H. Veerbeek. 2005. Twintig jaar strijd om behoud van het Korhoen op de Sallandse Heuvelrug. [The Black Grouse on the Sallandse Heuvelrug: prolonged struggle for the preservation of the last surviving population in The Netherlands.] Levende Natuur 106:50-57. (in Dutch with English summary).

Decout, S. 2007. Effets des patrons d'organisation spatiale du paysage sur l'habitat d'une espèce animale à gestion conservatoire : le cas de l'habitat de reproduction du tétras-lyre (*Tetrao tetrix* L.) dans un contexte d'expansion des aulnaies vertes (*Alnus alnobetula* (Ehrh.) C. Koch). [Effects of landscape spatial patterns on animal species habitat with conservation concerns : the case of Black Grouse (*Tetrao tetrix* L.) reproduction habitat in a contexte of colonization by green alder (*Alnus alnobetula* (Ehrh.) C. Koch).] Ph. D. Dissertation Université Joseph Fourier (Grenoble). (in French with English abstract).

Decout, S., P. Delcros, and J.-J. Brun. 2005. Spatially explicit modeling of Black Grouse (*Tetrao tetrix* L.) habitat quality evolution induced by green alder (*Alnus alnobetula* (Ehrh.) C. Koch) expansion on abandoned meadows in the northern French Alps. Pp. 7-15 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

De Franceschi, P. 1981. Alimentazione del fagiano di monte *Lyrurus tetrix* nell Alpi

orientali italiane. [Feeding of the Black Grouse *Lyrurus tetrix* in the Eastern Alps of Italy.] Avocetta 1:11-23. (in Italian with English summary).

De Franceschi, P. 1988. La situazione attuale dei Galliformi in Italia. Ricerche recenti o ancora in corso. Problemi di gestione e prospettive per il futuro. [The situation puts into effect them of the Galliformi in Italy. Recent searches or still in course. Problems of management and perspectives for the future.] In: Atti I Conv. naz. Biol. Selvaggina (Spagnesi, M., and Toso, S., eds.), Suppl. Ric. Biol. Selvaggina 14: 129-168. (in Italian).

De Franceschi, P. 1993. I due tetraonidi maggiori e problemi di selvicoltura. [The two greater tetraonids and problems of silvaculture.] Fauna 2:72-85. (Capercaillie and Black Grouse). (in Italian).

De Franceschi, P. F. 1994. Status, geographical distribution and limiting factors of Capercaillie (*Tetrao urogallus*) in Italy. Gibier Faune Sauvage, Game and Wildl. 11:161-184.

De Franceschi, P. F. 1994. Status, geographical distribution and limiting factors of Black Grouse (*Tetrao tetrix*) in Italy. Gibier Faune Sauvage, Game and Wildlife 11:185-206.

De Franceschi, P. F. 1994. Black Grouse *Tetrao tetrix* population on Mount Baldo (Verona - Italy), 1985-90. Atti Convegno Italiano di Ornitologia 6:67-77.

De Franceschi, P. F. 1995. Grouse management strategies in the Italian Alps: Black Grouse (*Tetrao tetrix*). Supplemento alle Ricerche di Biologia della Selvaggina 22:725-738.

De Franceschi, P. 1996. I tetraonidi della Foresta di Tarvisio. [The tetraonids of the Forest of Tarvisio.] Cierre Edizioni, Verona, 141 pp. (in Italian).

De Franceschi, P. 2002. Gestione dei Tetraonidi. [Management of the Tetraonidae.] In: Manuale di ornitologia. Volume 3 (Brichetti, P., Gariboldi, A. L., eds.). Edagricole, Bologna, pp. 91-130. (in Italian).

De Franceschi, P., and M. Bottazzo. 1988. Caratteristiche vegetazionali delle arene di canto del gallo cedrone (*Tetrao urogallus* L.) nel Tarvisiano (Alpi orientali, Friuli-Venezia Giulia). [Vegetazional characteristics of the leks of the Capercaillie (*Tetrao urogallus* L.) in the Tarvisiano (Alps, Friuli-Venice Julia).] In: Atti I Conv. naz. Biol. Selvaggina (Spagnesi, M., and S. Toso, eds.), Suppl. Ric. Biol. Selvaggina 14:169-181. (in Italian).

De Franceschi, P. F., and M. Bottazzo. 1991. Capercaillie *Tetrao urogallus* and forest management in the Tarvisio Forest (eastern Alps, Italy) in 1982-1988. Ornis Scandinavia 22:192-196.

De Franceschi, P. F., and P. Flavio. 1994. Restoration plans for Hazel Grouse (*Bonasa bonasia*), Black Grouse (*Tetrao tetrix*) and Capercaillie (*Tetrao urogallus*) in Italy. Gibier Faune Sauvage 11:207-215.

De Franceschi, P. F., and S. Mattedi. 1995. Home range of male Black Grouse from summer to winter in the eastern Alps (Friuli, Italy). Proceedings of the 6th. International Grouse Symposium. Pp. 59-62.

De Franceschi, P., S. Mattedi, and F. Perco. 1991. Status and research in progress on the Black Grouse population in Province of Udine (Eastern Alps, Friuli-Venezia Giulia, Italy). Grouse News 2:7-9.

De Franceschi, P. F., A. Sepulcri, S. Filacorda, and E. Piasentier. 1997. The dietary composition of Black Grouse *Tetrao tetrix* in the Italian Alps. Wildlife Biology 3:272. Abstract only.

Degn, H. J. 1973. Urfuglens (*Lyrurus tetrix*) forekomst i Danmark 1973. [Occurrence of the Black Grouse (*Lyrurus tetrix*) in Denmark 1973.] Rønde: Vildtbiologisk station. 32pp. (in Danish).

Degn, H. J. 1978. Bestandsændringer hos urfugl (*Lyrurus tetrix*) i Danmark op til 1978. [Changes in the population of Black Grouse (*Lyrurus tetrix*) in Denmark up to 1978.] Danske vildtundersøgelser, no. 31. 24pp. (in Danish with English summary).

Degn, H. J. 1992. The population of Black Grouse (*Lyrurus tetrix*) in Denmark in 1992. Flora og Fauna 98(1-2):3-4.

Degn, H. J. 1979. The Danish population of Black Grouse. Pp. 27-31 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Dehlin, L. 2003. Skogshonsen i Skane. Ett forsok till kartleggning genomford ar 2002. [Grouse in Skane. A mapping attempt carried out in 2002.] Anser 42(2):99-102. (in Swedish).

De Juan, M. A. 1981. Sobre la poblacion de urogallos (*Tetrao urogallus* L.) en el Pirineo oriental catalan. [A study of a population of Capercaille *Tetrao urogallus* in the East Pre-Pyrenees of Catalonia, Pinus mugo uncinata.] Ardeola 28:89-104. (in Spanish with English summary).

de Kruif, T., and R. Jannsen. 2006. Tuinieren in de natuur de herintroductie van het korhoen (*Tetrao tetrix*). [Gardening in tune with nature the reintroduction of the Black Grouse (*Tetrao tetrix*).]. Amoeba 80(3):20-22. (in Dutch).

De La Llave, P. 1885. Sobre tres especies nuevas del genero "*Tetrao*." [Three new species of the genera "*Tetrao*".] La Naturaleza 1885:63-64. (in Spanish).

Del Campo, J. C., and J. F. García-Gaona. 1983. Censo de urogallos en la Cordillera Cantábrica. [Census of the Capercaillie in Cordillera Cantabrica.] Naturalia Hispanica 25:1-32. (in Spanish).

De Liedekerke, R. 1975. Observations d'un tetras lyre (*Lyrurus tetrix*) dans le Condroz. [Observations of the Black Grouse (*Lyrurus tetrix*) in Condroz.] Aves 12(4):286. (in French).

Delmas, R., M. Catusse, and N. Thion. 1993. [Capercaillie in danger in the Barousse area (Hautes Pyrenees, France).] Bulletin Mensuel de l'Office National de la Chasse 179:10-19. (in French).

Den Hollander, J. 1990. Saving the Black Grouse, the national conservation scheme. The future of wild Galliformes in the Netherlands.|De toekomst van de wilde hoenderachtigen in Nederland.] Pages: 129-135.

Deppe, H.-J. 1984. [Extinction of the population of the Black Grouse *Lyrurus tetrix* in the southern parks of Mecklenburg West Germay.] Vogelwelt 105:161-176. (in German with English summary).

Desbrosses, R., B. Leclercq, and V. Borchtchevskii. 1992. [Tetraonidae of Arkhangelsk taiga (USSR) [Willow Grouse (*Lagopus lagopus lagopus*), Black Grouse (*Lyrurus tetrix tetrix*), Hazel Hen (*Bonasia bonasia griseonata* salomonsen), Capercaillie (*Tetrao urogallus urogallus*)]]. Bulletin Mensuel de l'Office National de la Chasse 166:13-27. (in French).

deVos, G. J. 1979. Adaptedness of arena behaviour in Black Grouse (*Tetrao tetrix*)and other grouse species (Tetraoninae). Behaviour 68:277-314.

deVos, G. J. 1983. Social behaviour of Black Grouse, an observational and experimental field study. Ardea 71:1-103.

deVos, G. J. 1984. Causal and functional aspects of aggression in Black Grouse (Aves, *Tetrao tetrix* L.) – a field study. Aggressive Behavior 10:151-152.

Dimache, A., and D. Popovici. 1997. [The importance of a new reserve to prevent the disappearance of *Lyrurus tetrix tetrix* L.] Publicatiile Societatii Ornitologice Romane 3:65-67. (in Romanian with English summary).

Dittus, B. 1915. Ueber das Vorkommen von Birkwild (*Tetrao tetrix*) im sudlichen Oberschwaben. [Over the occurrence of Black Grouse (*Tetrao tetrix*) in sudlichen upper Swabia.] Stuttgart Jahresh. Ver. Wurttemb. 71:268-269. (in German).

Dobler, G., and K. Siedle. 1993. Fänge von Habichten (*Accipiter gentilis*) im Wurzacher Ried: Kritische Fragen zu einem behördlich genehmigten Wiedereinbürgerungsprojekt. [Goshawk (*Accipiter gentilis*) trapping in the nature reserve Wurzacher Ried: critical questions on a Black Grouse (*Tetrao tetrix*) reintroduction project]. Journal of Ornithology 134:165-171. (in German with English summary).

Dobson, J. D. 2001. Marking fences to reduce bird collisions in woodlands. Scottish Forestry 55:168-169.

Doenecke, M., and G. Niethammer. 1970. Bestandsänderungen des Birkwildes und die Wandlung der Bodennutzung im westlichen Münsterland im Verlauf der letzten 100 Jahre. [Inventory changes of the Black Grouse and the transformation of the use of land in the western cathedral country in the process of the last 100 years.] European Journal of Wildlife Research 16:97-115. (in German with English summary).

Domaniewski, J. and W. Rydzewski. 1937. Materialy do znajomosci form geograficznych gluszca (*Tetrao urogallus* Linn.) w Polsce. [Materials for occurrence of geographic forms of Capercaillie (*Tetrao urogallus* Linn.) in Poland.] Acta Ornithologica Musei Zoologici Polonici. 2(5):63-68. (in Polish).

Domingo, M., I. Marco-Sanchez, A. J. Marco-Valle, and M. Pumarola. 1991. Heart rupture and haemopericardium in Capercaillie (*Tetrao urogallus*) reared in captivity. Avian Pathology 20:363-366.

Donald, C, and D. O'Hara. 2003. RSPB Black Grouse conservation work in northern Scotland. Sylvia 39 (suppl.):3-7

Dong, C, H. Jian-Hua, W. Ming-Lu, M. Rui-Xian, Y. Xiao-Lin, Z. Li-Ming, G. Zhi-Feng, and D. Jian-Xin. 2010. Autumn population survey of Black Grouse *Lyrurus tetrix* in Saihanba, Hebei Province. Chinese Jounral of Zoology 45:65-67. (in Chinese with English abstract).

Douglas, D. C. 1979. The Capercaillie as an Irish species. Irish Birds 1:364-369.

Downey, I., E. Pauknerova, and J. Petch. 1992. Habitat analysis and modeling for endangered species, a sample case Black Grouse in Zdarske-Vrchy, Czechoslovakia. Science and the Management of Protected Areas 7:271-2176.

Dragesco, A. 1989. Les coqs de bruyere, la gelinotte et le lagopede. [Cocks of heather, the grouse and the ptarmigan.] Atlas Visuels Payot Lausanne, Vol. 21. 64pp. (in French) (Hazel Grouse, Black Grouse, Capercaillie, Rock Ptarmigan).

Dreger, L. 2002. Sturmwurfbedingte Veränderungen im Lebensraum des Auerhuhns *Tetrao urogallus* L. in Kaltenbronn. [Storm-throw-caused changes in the habitat

of the Capercaillie *Tetrao urogallus* L. in Kaltenbronn.] Ph. D. Dissertation. Rottenburg, Fachhochschule. (in German).

Dresser, H. E. 1876. Remarks on a hybrid between the Black Grouse and the Hazel Grouse. Proceedings of the Zoological Society of London. Pp. 345-347.

Dretnik, K., A. Zupanc, and M. Čas. 2000. Sledi velike divjadi (in risa *Lynx lynx*) na rastiščih divjega petelina (*Tetrao urogallus* L.) v vzhodnih Karavankah in vzhodnih Kamniško Savinjskih Alpah: delno končno poročilo o raziskovalnem delu: v sklopu projekta: Ohranjanje habitatov ogroženih vrst divjadi in drugih prostoživečih živali v gozdnih ekosistemih in krajinah (CRP - Gozd V4 0175). Ljubljana: Gozdarski inštitut Slovenije :6 str. (in Slovenian). (Western Capercaillie).

Drovetski, S. V. 1992. New data on functional significance of the toe corneous fringe of the tetraonid birds (Tetraonidae). Zoologicheskii Zhurnal 71:100-109.

Drovetski, S. V., and S. Rohwer. 2000. Habitat use, chick survival and density of Caucasian Black Grouse *Tetrao mlokosiewiczi*. Wildlife Biology 6:233-240.

Dubey, J. P., E. Rudback, and M. J. Topper. 1998. Sarcocystosis in Capercaillie (*Tetrao urogallus*) in Finland: description of the parasite and lesions. Journal of Parasitology 84:104-108.

Duriez, O., and E. Menoni. 2008. Le grand tetras *Tetrao urogallus* en France: biologie, ecologie et systematique. [The Capercaillie *Tetrao urogallus* in France : biology, ecology and taxonomy.] Ornithos 15:233-243. (in French with English summary).

Duriez, O., J.-M. Sachet, E. Menoni, N. Pidancier, C. Miquel, P. Taberlet. 2006. Phylogeography of the Capercaillie in Eurasia: what is the conservation status in the Pyrenees and Cantabrian Mounts? Conservation Genetics 8:513-526.

Duriez, O., J-M. Sachet, C. Miquel, E. Menoni, S. Nikolov, and P. Taberlet. 2007. Supplement to: Phylogeography of the Capercaillie in Eurasia: what is the conservation status in the Pyrenees and Cantabrian Mounts? 3pp. www-leca.ujf-grenoble.fr/membres/fichiersPdf/taberlet/ taberlet_Duriez_2007_ConservGenet_sup.pdf

Duus, O., and A. Flor. 2008. Capercaillie midwinter display – again. Grouse News 35:24-25.

Dzieciolowski, R. 1979. Status of Capercaillie and Black Grouse populations in Poland. Pp. 35-37 In: Woodland Grouse Symposium, Inverness, Scotland. December 4th - 8th, 1978.

Dzieciolowski, R., and G. Matuszewski. 1982. Habitat preferences of Capercaillie in

lowland forests of Poland. Pp. 139-147 *In*: Lovel, T. W. (ed). 1982. Proceedings of the second International Symposium on Grouse: at Dalhousie Castle, Edinburgh, Scotland, March 16th-20th, 1981. 255pp.

Dzieciolowski, R., and G. Matuszewski. 1982. Größe und Verteilung der Verluste in den Gelegen des Auerwildes (*Tetrao urogallus* L.). [Size and distribution of losses of eggs of Capercaillie (*Tetrao urogallus* L.)]. Zeitschrift für Jagdwissenschaft 28:49-58. (in German with English summary).

Dziedzic, R., M. Flis, M. Wojcik, and S. Beeger. 2006. Selected elements of Capercaillies (*Tetrao urogallus* L.) behaviour during reproduction in a captive breeding. Acta Agrophysica 7:317-326.

Eaton, M. A., K. B. Marshall, and R. D. Gregory. 2007. Status of Capercaillie *Tetrao urogallus* in Scotland during winter 2003/2004. Bird Study 54:145-153.

Eder, R. 1910. Hahnenfedrige Auerhenne. [Color and molt of the Capercaillie.] Ornith. Jahrb. 21:110. (in German).

Egeland, E. S., H. Parker, and S. Liaaen-Jensen. 1993. Carotenoids in combs of Capercaillie (*Tetrao urogallus*) fed defined diets. Poultry Science 72:747-751.

Eggestad, M., E. Enge, O. Hjeljord, and V. Sahlgaard. 1988. Glyphosate application in forest-ecological aspects. VII. The effect on Black Grouse (*Tetrao tetrix*) summer habitat. Scandinavian Journal of Forest Research 3:129-135.

Egorov, O. V., Y. V. Labutin, and A. Mezhennui. 1959. [Materials on biology of the Capercaillie (*Tetrao parvirostris* Midd.).] Trudy Inst. biol. Yakut. Fil. Sib. Otd. Akad. Nauk Yakutsk 6:97-105. (in Russian).

Ehrbar, R., K. Bollmann, and P. Mollet. 2011. Ein Sonderwaldreservat für das Auerhuhn – das Beispiel Amden (Kanton St. Gallen). [A special forest reserve for the Capercaillie – the model of Amden (Canton St Gallen).] Schweizerische Zeitschrift fur Forstwesen 162:11-21. (In German with English abstract).

Eiberle, K. 1974. Waldkundliche Aspekte der Forschung an Rauhfusshühnern. [Forest-scientific aspects of research on grouse.] Schweiz Z Forstwes 125:147-170. (in German).

Eiberle, K. 1976. Zur analyse eines Auerwildbiotops im Schweizerischen Mittelland. [Analysis of Capercaillie habitat on the Swiss Plateau.] European Journal of Forest Research 95:108-124. (in German with English summary).

Eiberle, K., and J-.F. Matter. 1985. On the influence of some weather factors on Black Grouse (*Tetrao tetrix*) in alpine regions. Allgemeine Forst Und Jagdzeitung 156(6-7):101-105.

Eichler, W., and T. T. Vasjukova. 1981. Mallophagen von *Tetrao parvirostris* (Phthiraptera, Mallophaga). [Mallophaga of *Tetrao parvirostris*.] Deutsche Entomologische Zeitschrift 28:231-237. (in German).

Ekedahl, F. 2005. Migration patterns and habitat characteristics of Capercaillie (*Tetrao urogallus* L.) in the mountain region of northern Sweden. Undergraduate Thesis. Swedish University of Agricultural Science.

Eliassen, S. 2000. Daytime space use and social interactions in male Capercaillie during spring. M. Sc. Thesis. University of Bergen, Norway. 66pp.

Eliassen, S., and P. Wegge. 2007. Rangng behaviour of male Capercaillie *Tetrao urogallus* outside the lekking ground in spring. Journal of Avian Biology 38:37-43.

Ellison, L. 1979. [Population dynamic of Black-Cock (Alps, France) [*Lyrurus tetrix*]]. Bulletin Mensuel de l'Office National de la Chasse 27:36-38. (in French).

Ellison, L. N. 1979. Black Grouse population characteristics on a hunted and three nonhunted areas in the French Alps. Pp.64-73 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Ellison, L. N. 1984. Le Tetras lyre, *Lyrurus tetrix*: Dynamique des populations, chasse et biotope de reproduction dans les Alpes Francaises : résultats détude et recommandations pratiques. [Black Grouse, *Lyrurus tetrix*: Dynamics of the populations, drives out and biotope of reproduction in the French Alps: practical results and recommendations.] Office national de la chasse. 80pp. (in French).

Ellison, L. N., P. Leonard, and E. Menoni. 1988. Effect of shooting on a Black Grouse population in france. Pages 117-128 *in* M. Spagnesi and S. Toso *eds*. Acts of First National Conference of Game Biologists.

Ellison, L. N., P. Leonard, and E. Menoni. 1988. Black Grouse population trends in a hunted area. Gibier Faune Sauvage 5:309-320.

Ellison, L. N., and Y. Magnani. 1985. Changes in Black Grouse (*Tetrao tetrix*) densities in the French Alps. Gibier Faune Sauvage 1985:63-84.

Ellison, L. N., Y. Magnani, and R. Corti. 1982. Comparison of a hunted and three protected Black Grouse populations in the French Alps. Pp. 175-188 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Ellison, L., Y. Magnani, and C. Novoa. 2003. Management of Black Grouse and Rock

Ptarmigan in France. *In* Brugnoli, A. & Zamboni, U. (eds) Atti del Seminario 'Esperienze di Gestione dei Galliformi di Montagna con Particolare Riferimento alla Programmazione Venatoria' : 5–11. Trento: Associazione Cacciatori della Provincia di Trento

Ellison, L., E. Menoni, A. Bernard-Laurent, and Y. Magnani. 1994. [Participation of French hunters in the management of mountain grouse and partridges.] Gibier Faune Sauvage 11:333-348. (in French with English summary). (Hazel Grouse, Black Grouse, Capercaillie).

Ellison, L. N., E. Menoni, and P. Leonard. 1989. Fall and winter movements of adult Black Grouse *Tetrao tetrix* in the French Alps. Gibier Faune Sauvage 6:245-260.

Ellison, L. N., E. Menoni, and P. Leonard. 1991. Fall and winter movements of adult Black Grouse in the French Alps. Transcations of the 18th. Congress of the International Union of Game Biologists. Pp. 249-254.

Emel'yanov, N. A., M. I. Mityushov, and A. N. Panov. 1976. Soderzhanie natriia i kaliia v tkaniakh u dikikh i domashnikh predstavitelei otriada kurinykh. [Sodium and potassium content in tissues of wild and domestic galliformes.]. Zhurnal Evolyutsionnoi Biokhimii i Fiziologii 12:372-374. (in Russian).

Emley, D., and F. Gribble. 1984. Black Grouse in the Peak District. British Birds 77(12):618.

Ena, V., J. F. García-Gaona, and A. Martínez. 1984. Seguimiento en la época de celo de tres cantaderos de urogallo (*Tetrao urogallus*) en la Cordillera Cantábrica. [Lek activity of three Capercaillie (*Tetrao urogallus*) in the Cantabrian Mountain Range.] Bol. Estación Central de Ecología, XIII 26: 63-71. (in Spanish).

Engelbrecht, E., F. Jonasson, M. Lundin, A. Ringsell, and C. J. Waller. 1996. [The Capercaillie and its play sites. A study of the influence of the age of the forest and a study of the movement of birds towards the play]. Studentuppsatser - Sveriges Lantbruksuniversitet, Institutionen foer Skogsteknik. 14pp. (in Swedish).

Engvall, H. 2004. Habitat selection in the Swedish mountain region by female Capercaillie (*Tetrao urogallus*), in relation to predator abundance. Undergraduate Thesis. Swedish University of Agricultural Science.

Etzold, J. 2003. Kennzeichnung des Lebensraumes des Kaukasusbirkhuhuns *Tetrao mlokosiewiczi* im Ostkaukasus. [Marking of the habitat of the Caucasian Black Grouse *Tetrao mlokosiewiczi* in the east Caucasus.] Thesis. Universität Greifswald. (in German).

Etzold, J. 2005. Analyses of vegetation and human impacts in the habitat of the Caucasian Black Grouse *Tetrao mlokosiewiczi* in the Greater

Caucasus/Azerbaijan. Archives of Nature Conservation and Landscape Research 44:7-36.

Ewing, S. 2009. 2009-10 Scottish Capercaillie survey. Grouse News 38:3.

Eygenraam, J. A. 1957. Über die Behandlung des Birkhühnerbestandes. [Over the treatement of Black Grouse.] European Journal of Wildlife Research 3:79-87. (in German with English summary).

Eygenraam, J. 1965. Ecologie van het korhoen (*Lyrurus tetrix* L.). [On the ecology of the Black Grouse (*Lyrurus tetrix* L.).] Arnhem: Instituut voor Toegepast Biologisch Onderzoek in de Natuur. 25pp. (in Dutch with English summary).

Fattebert, K., S. Sachot, N. Perrin, and C. Neet. 2003. Model development for Capercaillie (*Tetrao urogallus*) habitat in the Jura Mountains (western Switzerland). Game Wildlife Science 20:195-210.

Feder, F. 1974. Zur Topographie des Darmes bei Auerhuhn (*Tetrao urogallus*) und Birkhuhn (*Lyrurus tetrix*). [Topography of the intestine in the woodgrouse (*Tetrao urogallus*) and the moorhen (*Lyrurus tetrix*)]. Berl Munch Tierarztl Wochenschr 87(6):105-106. (in German).

Fedosenko, A. F., and Y. S. Lobachev. 1978. On the ecology of the Black Grouse in Dzungarskiy Alatau. Trudy Instituta Zoologii Alma Ata Seriya Zoologicheskaya 38:157-159.

Fehlberg, U., and K. Pohlmeyer. 1991. Diseases of Black Grouse (*Tetrao tetrix*) in aviaries. Wiener Tierarztliche Monatsschrift 78(11):387-390.

Feiler, A. 1967. Der Lebensraum des Auerwildes in einigen Kiefernrevieren der Lausitz. [The habitat of the Caperciallie in the Plains of the Lausitz.] European Journal of Wildlife Research 13:111-118. (in German with English summary).

Fernández-Gonzáles, A. 2001. Resultados del censo estival y situación del Urogallo en el Parque Nacional de los Picos de Europa. [Results of census and status of Capercaillie in the Parque Nacional de los Picos de Europa.] TRAGSA, S.A. (in Spanish).

Filacorda, S., A. Lavrencic, and P. F. De Franceschi. 1995. Chemical characteristics of some Black Grouse foods in September in the eastern Italian Alps. Proceedings of the 6th. International Grouse Symposium. Pp. 134-136.

Filacorda, S., A. Sepulcri, E. Piasentier, and P. F. de Franceschi. 1997. Estimation of the chemical composition of Black Grouse *Tetrao tetrix* diets in the eastern Italian Alps. Wildlife Biology 3:187-194.

Filimonova, N. P., A. I. Cherepanov, and S. S. Folitarek. 1972. [Material on the feeding of the Black Grouse and the Partridge in Kustanai region.] pp.341-342 In: [Zoological problems of Siberia (Reports of the fourth Conference of Zoologists of Siberia).] (in Russian).

Fimreite, M. 1977. [Acid rain and declining population of forest grouse.] Foredrag Nordisk Skogsfuglsymposium 1976. Viltrapport 5:82-91. (in Norwegian with English abstract).

Fimreite, M., and E. K. Barth. 1986. Selenium in tetraonids and some of their forage plants from selected areas in Norway. Fauna Norv., Ser. C 9:95-99.

Fimreite, M., E. K. Barth, and A. Munkejord. 1990. Cadmium and selenium levels in tetraonids from selected areas in Norway. Fauna Norv., Ser. C 13:79-84.

Finne, M. H., P. Wegge, S. Eliassen, and M. Odden. 2000. Daytime roosting and habitat preferences of Capercaillie *Tetrao urogallus* males in spring – the importance of forest structure in relation to anti-predator behaviour. Wildlife Biology 6:241-249.

Fischer, I. 2000. Capercaillie and woodpeckers as indicators in alpine forests: applications and limitations as conservation tools. Grouse News 20:19-20.

Fischer, I., and I Storch. 2001. Capercaillie and woodpeckers in Alpine forests: assessing the indicator species concept. Proceedings of the 2nd. International Wildlife Management Congress. Pp.376-379.

Fischer-Sigwart, H. 1909. Das Rackelwild in der Schweiz. [The Black Grouse-Capercaillie hybrid in Switzerland. Ornith. Jahrb. 20:223-228. (in German).

Fiser, Z., V. Hanus, and M. Bouchner. 1980. [Inventory of the state of the Black Grouse (*Lyrurus tetrix*) in the Czech-Socialist Republic.] [Prace Vulhm-Reports of the Forestry and Game Management Research Institute.] 57:183-199. (in Czech).

Flint, V. E. 1971. Biological particulars of Capercaillie in central Russian forests subject to intensive logging. Transactions of the Congress of International Union Game Biologists 10:301-308.

Flor, A. 1993. Black Grouse-Capercaillie hybrids mate with Capercaillies. Fauna (Oslo) 46:196-176. (in Norwegian).

Flor, A., and O. A. Duus. 2007. Capercaillie *Tetrao urogallus* midwinter display. Grouse News 33:13-17.

Flousek, J., and G. Hofmann. 1986. [Rescue breeding of the Capercaillie (*Tetrao urogallus*) in the Krkonose National Park (preliminary information).] Opera

Corcontica 23:171-191. (in Czech with English summary).

Forstliche Versuchs and Forschungsanstalt Baden-Wuerttemberg. 2008. Aktionsplan auerhuhn: Integration von Waldwirtschaft, Naturschutz, Tourismus und Jagd im Schwarzwald. [Action plan Capercaillie: integration of forestry, nature conservation, tourism and hunting in the Black Forest.] Naturschutz und Landschaftsplanung 40(5):1-156. (in German).

Forstner, M. [Does the alpine Black Game have a future?]. Oesterreichische Forstzeitung 98(7):42-43. (in German).

Francis, I. 2010. A survey of Black Grouse in north-east Scotland in 2009. Scottish Birds 30:290-294.

Franek, R. 1992. The Black-billed Capercaillie. Grouse News 4:2-5.

Friedrich, A. 2006. Das Auerhuhn in Mittelbünden: Verbreitung und geschlechterspezifische Nutzung des Lebensraums im Sommer. [The Capercaillie in central Grisons: distribution and gender-specific use of space in the summer.] M. Sc. Thesis. Eidgenöss Techn Hochschule, Departement Biologie. 41 p.

Fritsche, B. 2004. Die Entwicklung der Wälder auf der Schwägalp im 20. Jahrhundert und ihre Bedeutung für den Lebensraum des Auerhuhns (*Tetrao urogallus*). [The development of the forests on the Schwägalp in 20th. century and their meaning for the habitat of the Capercaillie (*Tetrao urogallus*). MS thesis, Swiss Federal Institute of Technology ETH, Zürich, 59pp. (in German).

Fritsche, B., K. Bollmann, R. F. Graf, and H. Bugmann. 2006. Die Entwicklung der Wälder auf der Schwägalp im 20. Jahrhundert und ihre Bedeutung für den Lebensraum des Auerhuhns (*Tetrao urogallus* L.). [The development of the forests on the Swiss Alps in 20th century and their meaning for the habitat of the Capercaillie (*Tetrao urogallus* L.).] Schweiz. Z. Forstwes. 157(5):135–146. (in German with English Summary).

Fritze, A. 1904. Bastard von Birkhuhn und Fasan. [Hybrid of Bl;ack Grouse and Pheasant.] Jahrb. Mus. 1094:1-2. (in German).

Fruzinski, B. 1981. Number distribution and ecology of the Black Grouse *Lyrurus tetrix* in Masuria Poland in 1968. Acta Ornithologica 18:291-306.

Gacic, D. P., S. Puzovic, and G. Zubic. 2009. Veliki tetreb (*Tetrao urogallus*) u Srbiji – osnovne pretnje i mere zaštite. [Capercaillie (*Tetrao urogallus*) in Serbia: Principal threats and conservation measures.] Šumarstvo 61:155-167. (in Serbian with English abstract).

Gacic, D. P., S. Puzovic, and G. Zubic. 2009. Capercaillie *Tetrao urogallus* in Serbia –

principal threats and conservation measures. English summary of: Gacic, D. P., S. Puzovic, and G. Zubic. 2009. Veliki tetreb (*Tetrao urogallus*) u Srbiji – osnovne pretnje i mere zaštite. [Capercaillie (*Tetrao urogallus*) in Serbia: Principal threats and conservation measures.] Šumarstvo 61:155-167. Grouse News 38:32-33.

Gagina, T. N. 1965. Wood grouse [*Tetrao* spp.] found in the region of Lake Baikal [Engl. summ.]. Zoologik Zhounal 44:1578-1579.

Gaidar, A. A. 1981. [The stock of gallinaceous birds in the Kirov Oblast Russian-SFSR USSR.] Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 86(3):45-51. (in Russian with English summary) (Hazel Grouse, Willow Ptarmigan, Black Grouse, Capercaillie).

Gallacher, H. P. 1987. [Chances for the Black Grouse.] Vogeljaar 35: 302-308.

Garson, P. J. 1990. Explaining the present distribution of Black Grouse in northeast England. The future of wild Galliformes in the Netherlands.|De toekomst van de wilde hoenderachtigen in Nederland.] Pages: 97-105.

Garson, P. 1991. Why does Black Grouse density vary in the North of England? Grouse News 2:4-6.

Garson, P. J., D. J. Curtis, and E. M. Bignal. 1991. Black Grouse, livestock, breeding waders and Carrion Crows in the north Pennines. Birds and Pastoral Agriculture in Europe. Proceedings of the Second European Forum on Birds and Pastoralism. Port Erin, Isle of Man, 26-30 October 1990. Pages: 37-42.

Gaschick, F. 2003. Die Entwicklung des Auerwildhabitates (*Tetrao urogallus* L.) im Schlegelwald bei Vöhrenbach. [The development of the Capercaillie (*Tetrao urogallus* L.) in the Schlegelwald with Vöhrenbach.] Ph. D. Dissertation. Rottenburg, Fachhochschul. (In German).

Gavashelishvili, A., and Z. Javakhishvili. 2010. Combining radio-telemetry and random observations to model the habitat of near threatened Caucasian Grouse *Tetrao mlokosiewiczi*. Oryx 44:491-500.

Gavashelishvili, A., and Z. Javakhishvili. 2010. Combining radio-telemetry and random observations to model the habitat of near threatened Caucasian Grouse *Tetrao mlokosiewiczi*. Abstract of: Gavashelishvili, A., and Z. Javakhishvili. 2010. Combining radio-telemetry and random observations to model the habitat of near threatened Caucasian Grouse *Tetrao mlokosiewiczi*. Oryx 44:491-500. Grouse News 40:55. (Abstract only).

Geary, M. 2009. Black Grouse in Perthshire. Grouse News 38:34-36.

Gerstberger, P., and R. Pfeifer (Eds.). 2009. Raufusshuehner: Schutz und Habitatoptimierung fuer Auer- und Haselhuhn. Ergebnisse eines Workshops in Friedenfels im Steinwald (Bayern) vom 8.-9. November 2007. [Grouse: conservation and habitat management for Capercaillies and Hazel Grouse. Proceedings of a workshop held in Friedenfels, Steinwald (Bavaria) from 8-9 November 2007.] Ornithologischer Anzeiger 48:3-91. (in German).

Gerstberger, P., and A. Spitznagel. 2009. [Cross border connectivity of grouse habitats in the 'Euregio Egrensis'.] Ornithologischer Anzeiger 48:43-49. (Hazel Grouse, Capercaillie). (in German with English summary).

Gil, J. A., J. C. Ascaso, G. Cheliz, C. Perez, J. A. Losada, and E. Villagrasa. 2007. Inventario y criterios de gestion del urogallo, el lagopodo alpino y la perdiz pardilla en el Parque Nacional de Ordesa y Monte Perdido. [Inventory and criteria for the management of the Capercaillie, the Rock Partmigan and the Partridge in Ordesa and Monte Perdido National Park.]. Naturaleza Aragonesa 18:20-28. (in Spanish).

Gilio, N., C. Oppio, L. Pompilio, R. Viterbi, B. Bassano, and A. Meriggi. 2003. Modelli di idoneita ambientale per Fagiano di monte *Tetrao tetrix*, Pernice bianca *Lagopus mutus* e Coturnice *Alectoris graeca saxatilis* nel Parco nazionale del Gran Paradiso. [Models of environmental conditions for the Black Grouse *Tetrao tetri*x, the Ptarmigan *Lagopus mutus* and the Rock Partridge *Alectoris graeca saxatilis* of Gran Paradiso national park.] Avocetta 27:109. (in Italian).

Gindre, R. 1979. Status of Capercaillie *Tetrao urogallus* and Black Grouse *Lyrurus tetrix* in France. Pp. 35-44 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Gindre, R. 1981. [Studies on Black Grouse (*Lyrurus tetrix*), undertaken by the National Hunting Office and the National Hunting and Wild Fauna Council [France, game birds, population study]]. Bulletin Mensuel de l'Office de la Chasse 49:19-21. (in French).

Gjerde, I. 1990. Determination of sex in Capercaillie *Tetrao urogallus* by means of dropping size. Fauna Norvegica, Series C., Cinclus 13:91-92.

Gjerde, I. 1991. Cues in winter habitat selection by Capercaillie. I. Habitat characteristics. Ornis Scandinavia 22:197-204.

Gjerde, I. 1991. Cues in winter habitat selection by Capercaillie. II. Experimental evidence. Ornis Scandinavia 22:205-212.

Gjerde, I. 1991. Winter ecology of a dimorphic herbivore: temporal and spatial relationships and habitat selection of male and female Capercaillie. Ph. D. Thesis.

University of Bergen, Norway.

Gjerde, I., J. Rolstad, P. Wegge, and B. B. Larsen. 1989. Capercaillie leks in fragmented forests: a 10-year study of the Torstikai population, Varaldskogen. Transactions Congress International Union Game Biologists 19:454-459.

Gjerde, I., and P. Wegge. 1987. Activity patterns of Capercaillie *Tetrao urogallus* during winter. Holarctic Ecology 10:286-293.

Gjerde, I., and P. Wegge. 1989. Spacing pattern, habitat use and survival of Capercaillie in a fragmented winter habitat. Ornis Scandinavia 20:219-225.

Gjerde, I., P. Wegge, O. Pedersen, and G. Solberg. 1985. Home range and habitat use of a local Capercaillie population during winter in S.E. Norway. *In*: Hudson, P. J., and T. W. I. Lovel (Eds.). Proceedings of the 3rd. International Grouse Symposium. Pp.247-260.

Gjerde, I., P. Wegge, and J. Rolstad. 2000. Lost hotspots and passive female preference: the dynamic process of lek formation in Capercaillie *Tetrao urogallus*. Wildlife Biology 6:291-298.

Gladstone, H. S. 1909. Red Grouse and Black Grouse hybrids. British Birds 2:425.

Gladstone, H. S. 1910. Hybrid Blackcock and Capercaillie in Kincardineshire. Annals of Scottish Natural History 1910:119-120.

Gladstone, H. S. 1921. The last of the indigenous Scottish Capercaillies. Scotish Naturalist. Edinburgh 1921:169-177.

Gladstone, H. S. 1924. The distribution of Black Grouse in Britain. British Birds 18:66-68.

Gladstone, H. 1943. Mediaeval account of the Capercillie. Notes and Queries 184:236.

Gladstone, H. 1948. Capercaillie. Macqueen's Bustard. Ibis 90:336-338.

Glanzer, U. 1985. [Effects of land use changes on bird life, example: *Tetrao tetrix* and *Lagopus lagopus*.] Transactions Congress International Union Game Biologists 17:501-507. (in German).

Gloger, C. W. L. 1854. Das Verbastardiren der Waldhühner, (der Gattung Tetráo Lin.). [Vocalizations of the forest grouse (*Tetrao* sp.).] Journal of Ornithology 2:129-136. (in German).

Glowacinski, Z., P. Profus, and T. Cygan-Sitko. 1992. Rozmieszczenie i stan populacji głuszca *Tetrao urogallus* L. w Puszczy Splskiej i Lasach Janowskich. [The

distribution and state of the Capercaillie *Tetrao urogallus* L. population in the Solska and Janów Forests.] Studia Ośr. Dok. Fizjogr. 20:233-250. (in Polish).

Goddard, P. J., R. W. Summers, A. J. Macdonald, C. Murray, and A. R. Fawcett. 2001. Behavioural responses of red deer to fences of five different designs. Applied Animal Behaviour Science. 73: 289-298.

Goethe, F. 1940. Beobachtungen und Versuche über angeborene Schreckreaktionen junger Auerhühner. [Observations and experiments on the innate fright reactions of young Capercaillie.] Zeitschrift für Tierpsychologie 4:165-167. (in German).

Goethe, F. 1941. Boobnohtungen und Versucho tiber angeborene Schreokreak-tionen junger Auerhtihnor (*Tetrao u. urogallus* L.). [Innate fear behavior in young Capercaillie (*Tetrao u. urogallus*).] Z. Tiorpsyohol. 4:165-167. (in German).

Gokhelashvili, R. 2006. The National species action plan for the Caucasian Black Grouse in the Republic of Georgia. Annual Review of the World Pheasant Association 2005-2006, September 2006:30.

Gokhelashvili, R., Z. Javakhishvili, A. Gavashelishvili A., and L. Azniashvili. 2003. [Caucasian Black Grouse.] Buneba Print and Georgia Centre for Conservation of Wildlife. 64 pp. (In Georgian, with English summary).

Gokhelashvili, R., K. P. Reese, and L. Gavashelishvili. 2003. How much do we know about the Caucasian Black Grouse *Tetrao mlokosiewiczi*? Sandgrouse 25: 32-40.

Gonzales, M. A., P. P. Olea, and L. Robles. 2009. Ecology and conservation of the Cantabrian Capercaillie inhabiting Mediterranean Pyrenean oak forests. A new Ph. D. project. Grouse News 38:7-8.

Gonzalez, M. A., P. P. Olea, L. Robles, and V. Ena. 2010. The Mediterranean *Quercus pyrenaica* oak forest: a new habitat for the Capercaillie? Journal of Ornithology 151:901-906.

Gonzáles-Quiros, P., S. Solano, P. Silva, J. L. Benito, F. Ballesteros, and J. Argüelles, J. 2000. Estimación de la población de Urogallo en los sectores central y oriental de Asturias. Octubre de 2000. [Estimation of the population of Capercaillie in the sectors central and Eastern of Asturias. October 2000.] Consejería de Medio Ambiente. Gobierno del Principado de Asturias. (in Spanish).

Gonzáles-Quiros, P., S. Solano, P. Silva, J. L. Benito, F. Ballesteros, and J. Argüelles, J. 2001.Estimación de la población de Urogallo en el sector occidental de Asturias. Octubre de 2001. [Estimation of the population of Capercaillie in the sectors central and Eastern of Asturias. October 2001.] Consejería de Medio Ambiente. Gobierno del Principado de Asturias. (in Spanish).

Gordon, J. 2008. Black Grouse trial management project. Grouse News 36:10.

Gossow, H., and K. Pseiner. 1982. Implications of forestry management on woodland grouse conservation in middle Europe. Pp. 81-86 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Gossow, H., and H. Schatz. 1995. Capercaillie habitat improvement by adapted forest management. Proceedings of the 6th. International Symposium on Grouse, Udine, Italy, 1993. 6:175.

Gottschalk, T. K., K. Ekschmitt, S. Isfendiyaroglu, E. Gem, and V. Wolters. 2007. Assessing the potential distribution of the Caucasian Black Grouse *Tetrao mlokosiewiczi* in Turkey through spatial modelling. Journal of Ornithology 148:427-434.

Grabher, M. 1987. [Observations on postembryonic development in 3 species of grouse, the Hazel Hen, the Black Grouse and the Capercaillie.] Journal of Ornithology 128:395-396. (in German).

Graczyk, R. 1996. Captive breeding and release of Capercaillie and Black Grouse – ethological and practical considerations. Journal of Wildlife Research 1:106-111.

Graczyk, R., Z. Klejnotowski, and S. Sikora. 1975. [Results of investigations on breeding of Black Grouse (*Lyrurus tetrix* L.) in aviaries.] Roczniki Akademii Rolniczej w Poznaniu 87:63-69. (in Polish with English summary).

Graczyk, R., Z. Klejnotowski, and S. Sikora. 1975. [Informations concerning the occurrence of Wood Grouse (*Tetrao urogallus* L.) and Black Brouse (*Lyrurus tetrix* L.) in the Province Poznan.] Roczniki Akademii Rolniczej w Poznaniu 87:71-78. (in Polish with English summary).

Graczyk, R., Z. Klejnotowski, and S. Sikora. 1980. Methods and results of studies on viary raising of grouse (*Tetrao urogallus* L.). Roczniki Akademii Rolniczej w oznaniu 122:101-111.

Graczyk, R., Z. Klejnotowski, and S. Sikora. 1985.]Methods and preliminary results of the re-introduction of Wood Grouse (*Tetrao urogallus* L.) in Wielkopolska.] Roczniki Akademii Rolniczej w Poznaniu Volume: 169 Pages: 33-54. (In Polish with English summary).

Graczyk, R., Z. Klejnotowski, and S. Sikora. 1985. [Further results of the breeding of Black Grouse (*Lyrurus tetrix* L.).] Roczniki Akademii Rolniczej w Poznaniu Volume: 169 Pages: 55-63. (in Polish with English summary).

Graczyk, R., Z. Klejnotowski, and S. Sikora. 1985. [An attempt to breed a native population of Wood Grouse (*Tetrao urogallus major* Br.) in an aviary.] Roczniki Akademii Rolniczej w Poznaniu 169:65-68. (in Polish with English summary).

Graf, K., and S. Klaus. 2001. A translocation experiment using Capercialliе *Tetrao urogallus* from central Russia. Vogelkdl. Ber. Niedersachs. 33:181-186.

Graf, R. F. 2005. Analysis of Capercaillie habitat at the landscape scaleusing aerial photographs and GIS. Ph.D. Dissertation. Eidgenoessische Technische Hochschule Zuerich, Switzerland.

Graf, R. F. 2005. A multi-scale analysis of Capercaillie habitat in the Swiss Alps. Grouse News 29:18-19.

Graf, R. F., and K. Bollmann. 2008. Ansprüche des Auerhuhns an die Landschaft und das Waldbestandsmosaik. [Western Capercaillie habitat at different spatial scales.] Ornithologische Beobachter 105:33-43. (in German with English summary).

Graf, R. F., K. Bollmann, H. Bugman, and W. Suter. 2007. Forest and landscape structures as predictors of Capercaillie occurrence. Journal of Wildlife Management. 71:356-365.

Graf, R. F., K. Bollmann, S. Sachot, W. Suter, and H. Bugman. 2006. On the generality of habitat distribution models: a case study of Capercaillie in the Swiss Alps. Ecography 29:319-328.

Graf, R. F., K. Bollmann, W. Suter, and H. Bugmann. 2004. Using a multi-scale model for identifying priority areas in Capercaillie (*Tetrao urogallus*) conservation. Pp. 84-90 in 12th. Conference of the International Association of Landscape Ecology.

Graf, R. F., K. Bollmann, W. Suter, and H. Bugmann. 2005. The importance of spatial scale in habitat models: Capercaillie in the Swiss Alps. Landscape Ecology 20:703-717.

Graf, R. F., S. Kramer-Schadt, N. Ferdandez, and V. Grimm. 2007. What you see is where you go? Modeling dispersal in mountainous landscapes. Landscape Ecology 22:853-866. (Capercaillie).

Graf, R. F., L. Mathys, and K. Bollmann. 2009. Habitat assessment for forest dwelling species using LiDAR remote sensing: Capercaillie in the Alps. Forest Ecology and Management 257:160-167.

Graf, R. F., and S. Sachot. 2005. Steinadler *Aquila chrysaetos* schlägt balzenden Auerhahn *Tetrao urogallus*. [Displaying Capercaillie *Tetrao urogallus* killed by Golden Eagle *Aquila chrysaetos*.] Ornithologische Beobachter 102:41-43. (in

German with English summary).

Graff, L. A. 1884. Zur Naturgeschichte des Auerhahnes (*Tetrao urogallus* L.). [To the natural history of the wood grouse (*Tetrao urogallus* L.).] Lepizig: W. Engelmann. 9pp. (in German).

Grandjean-Thomsen, A. 1994. The influence of some factors on the display activity of Black Grouse *Tetrao tetrix* in Denmark. Dansk Ornitologisk Forenings Tidsskrift 88:85-90.

Grant, M. C., N. Cowie, C. Donald, D. Dugan, I. Johnstone, P. Lindley, R. Moncreiff, J. W. Pearce-Higgins, R. Thorpe, and D. Tomes. 2009. Black Grouse response to dedicated conservation management. Folia Zoologica 58:195-206.

Grant, M., and B Dawson. 2005. Black Grouse habitat requirements in forested environments: implications for conservation management. Pp. 106-119 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Green, I. 1993. Caucasian Black Grouse and Caspian Snowcock in north-east Turkey. Ornithological Society of the Middle East Bulletin 3:14-18.

Gregersen, F., and H. Gregersen. 2009. Ongoing population decline and range contraction in Norwegian forest grouse. Ornis Norvegica 32:179-189. (Hazel Grouse, Black Grouse, Capercaillie).

Gregersen, H., and F. Gregersen. 2008. Old bilberry forest increases likelihood of Capercaillie (*Tetrao urogallus*) lek occupancy in Southern Norway. Ornis Norvegica 31:105-115.

Gregersen, H., and T. Olstad. 2002. Habitat use and movement of Capercaillie *Tetrao urogallus* broods in a forest reserve in NW Russia during summer. C. S. Thesis. Agriculture University of Norway.

Gremmels, H.-D. 1987. Untersuchung verschiedener Plasmaenzyme und Plasmasubstrate beim Birkwild (*Lyrurus tetrix* L.), Auerwild (*Tetrao urogallus* L.), Rebhuhn (*Perdix perdix* L.) und Fasan (*Phasianus colchicus* L.). [The study of various plasma enzymes and plasma substrata in Black Grouse (*Lyrurus tetrix* L.), Capercaillie (*Tetrao urogallus* L.), Partridge *(Perdix perdix* L.) and Pheasant (*Phasianus colchicus* L.). European Journal of Wildlife Research 33:78-89. (in German with English summary).

Gremmels, H-D. 1988. Etho-physiologische Untersuchungen zum Jahreszyklus des Birkhuhns (*Lyrurus tetrix* L., 1758). [Etho physiological investigations for the yearly cycle of the Black Grouse (*Lyrurus tetrix* L, 1758)]. Ph. D. Dissertation. Technische Hochschule Hannover. (in German).

Gremmels, H.-D. 1989. Untersuchungen zur Mauser des Birkhahnes (*Lyrurus tetrix* L., 1758). [Investigations on the moulting of Black Grouse (*Lyrurus tetrix* L. 1758)]. European Journal of Wildlife Research 35:22-27. (In German with English summary).

Gremmels, H.-D. 1990. Saisonale Unterschiede in der Balzaktivität des Birkhahnes (*Lyrurus tetrix* L., 1758), registriert unter Volierenbedingungen. [Seasonal differences in the courting activity of Black Grouse (*Lyrurus tetrix* L., 1758) as observed in a flight cage. European Journal of Wildlife Research 36:169-178. (in German with English summary).

Gremmels, H.-D. 1991. Saisonale Unterschiede im Futter- und Energieverbrauch des Birkhuhns (*Lyrurus tetrix* L., 1758), gemessen unter Volierenbedingungen. [Seasonal differences in food and energy consumption of the Black Grouse (*Lyrurus tetrix* L., 1758) as measured within an aviary]. European Journal of Wildlife Research 37:221-231. (in German with English summary).

Gret-Regamey, A., A. Walz, and P. Bebi. 2008. Valuing ecosystem services for sustainable landscape planning in Alpine regions. Mountain Research and Development 28(2):156-165. (Capercaillie).

Grieg, J. A. 1889. *Lagopus urogallus – albus*: Ein neuer Moorschneehuhnbastard. [*Lagopus urogallus – albus*: a new moor grouse hybrid.] Bergens Museums Aarberetning 1889(5):1-13. (in German).

Grimm, V., and I. Storch. 2000. Minimun viable population size of Capercaillie *Tetrao urogallus*: results from a stochastic model. Wildlife Biology 6:219-225.

Grootaers, P. 1975. Korhoen - *Lyrurus tetrix*. [Black Grouse - *Lyrurus tetrix*.] Wielewaal 41(8-9):258-259. (in Dutch).

Groupe Tetras France. 2007. Manifeste pour la preservation du Grand Tetras en France. [Proclamation for the preservation of the Capercaillie in France.] 8pp. (in French).

Grove, S. J., P. Hope Jones, A. R. Malkinson, D. Thomas, and I. Williams. 1988. Black Grouse in Wales, Spring 1986. British Birds 81:2-9.

Grupo de Trabajo del Urogallo. 2004. Estrategia para la conservacion del Urogalla Cantabrica (*Tetrao urogallus cantabricus*) en Espana. [Strategic plan for the conservation of the Cantabrian Capercaillie (*Tetrao urogallus cantabicus*) in Spain.]. 21pp. (in Spanish).

Gugerli, F., G. Jacob, and K. Bollmann. 2008. Molekulare Marker erzählen aus dem Geschichtenbuch: Auerhuhn-Populationsgenetik in den Schweizer Alpen.

[Molecular markers tell the story: Population genetics of Western Capercaillie in the Swiss Alps.] Ornithologische Beobachter 105:77-84. (in German with English summary).

Gulbrandsen, K. S. 1979. Goshawk at a Black Grouse display ground. Var Fuglefauna 2(1):37-38.

Gulic, J. 2003. Habitat requirements of Black Grouse (*Tetrao tetrix* L.) on Pohorje Mountain, NE Slovenia. Grouse News 25:15-17.

Gulic, J. 2004. Akcijski nacrt za varstvo rusevca *Tetrao tetrix* na obmocju Kosenjaka (SSV Slovenija). [Action plan for the conservation of Black Grouse *Tetrao tetrix* in the area of Mt. Kosenjak (NNE Slovenia).] Acrocephalus (Ljubljana) 25 (122):119-134. (in Slovenian with English summary)

Gulic, J. 2006. Current status of Black Grouse in Slovenia – assessment of landscape change. Grouse News 31:18-25.

Gulic, J. 2008. Vpliv heterogenosti krajinske matice na disperzijo in povezanost habitata rusevca (*Tetrao tetrix* L.) v Severnovzhodni Sloveniji. [The impact of landscape heterogeneity on disperssion and connectivness of Black Grouse (*Tetrao tetrix* L.) habitat in North east Slovenia.] Ph. D. Dissertation Universtity of Ljubljani. (in Slovenian with English abstract).

Gulic, J., M. Kotar, M. Adamic, and M. Cas. 2003. Ovrednotenje vegetacijske primernosti habitata rusevca (*Tetrao tetrix* L.) na Pohorju**.** **[**Vegetation requirements of the Black Grouse habitat (*Tetrao tetrix* L.) in Pohorje MTS.] Zbornik gozdarstva in lesarstva 71:41-70. (in Slovenian with English summary).

Gulic, J., and Z. Miklasic. 2009. Vzdrzevanje bivalisc rusevca v SV Sloveniji. [Range of Black Grouse in SV Slovenia.]. Lovska zveza Slovenije, 1910- letn.92, st.4 (2009), str. 187-189. (in Slovenian).

Guschanskaja. 1931. Einwe neue Nematode beim Auerhahn (Skrjabinochona apterocerca nov. gen., nov. sp.). [New interntal nematodes of th Capercaillie (Skrjabinochona apterocerca nov. gen., nov. sp.).] Zool. Anz. Leipzig 94:277-281. (in German).

Gustafsson, K. 1997. Studies of toxoplasmosis in hares and Capercaillie. D. V. M. Thesis. Sveriges Lantbruksuniversitet (Sweden).

Gustafsson, K, M. Book, J. P. Dubey, and A. Uggla. 1997. Meningoencephalitis in Capercaillie (*Tetrao urogallus* L.) caused by a Sarcocystis-like organism. Journal of Zoo Wildlife Medicine 28:280-284.

Gustafsson, P.-J. 2008. Distribution and structure of Capercaillie (*Tetrao urogallus*) leks in a Scandinavian mountain range area. Final Report. Swedish University of

Agricultural Studies. 28pp.

Gwenael, J. 2006. Conservation Genetics of the Capercaillie (*Tetrao urogallus*) in the Swiss Alps. Ph. D. Dissertation. Mathematisch Naturwissenschaftliche Fakultät der Universität, Zürich.

Gwinner-Hanke, H. 1991. Ontogenese des Sozialverhaltens von Birkhühnern (*Tetrao tetrix*). [Ontogeny of social behaviour in Black Grouse (*Tetrao tetrix*)]. Journal of Ornithology 132:121-143. (In German with English summary).

Haarstick, K.-H. 1979. Erfahrungen bei der Haltung und Aufzucht von Auerwild (*Tetrao urogallus* L.) in der Aufzuchtstation im Staatlichen Forstamt Lonau/Harz. [Experiences derived from the keeping and breeding of Capercaillie (*Tetrao urogallus* L.) in the breeding station in the State Forest Office Lonau/Harz.] Zeitschrift für Jagdwissenschaft 25:167-177. (in German with English summary).

Haarstick, K.-H. 1984. The reintroduction of the Capercaillie in the Harz from 1975-1983. Pp. 385-400 in Proceedings of the 3rd. International Grouse Symposium, York, England. World Pheasant Association.

Haarstick, K.-H. 1993. The re-introduction of Capercaillie in the Harz Mountains has been successful! Grouse News 5:6.

Habibzadeh, N., M. Karami, and A. Tarinejad. 2010. Caucasian Black Grouse (*Tetrao mlokosiewiczi*) breeding display sites selection in Arasbaran Region, East Azerbaijan, Iran. Russian Journal of Ecology 41:450-457.

Hafner, F., and R. Hafellner. 1995. Das Auerhuhn in Österreich. [The Capercaillie in Osterreich.] Eine Fragebogenaktion des Institutes für Wildbiologie und Jagdwirtschaft an der Universität für Bodenkultur Wien. Jagd in Tirol, 47(5):7-9. (in German).

Hagist, D. 2008. Kükennahrung Auerhuhn – Arthropoden- Angebot in Abhängigkeit des Krautschichttyps. [Chick food Capercaillie – arthropod range depending on the herb layer type.] B. Sc. Thesis. Zurich University of Applied Sciences. (in German).

Hainard, R., and O. Meylan. Notes sur le grand tetra. Alauda 7:282-327. (in French).

Haker, M., and S. Myberget. 1969. [Browsing by *Lyrurus tetrix* on *Pinus mugo* var. *arborea*.] Sterna 8:243-247. (in Norwegian with English summary).

Haldas, S. 1968. Hybrid between Capercaillie *Tetrao urogallus* and Black Grouse *Lyrurus tetrix* in Bronnoysund. Sterna 8(2):96.

Hallgren, P., and J. Erlandsson. 1994. [The Capercaillie play - importance of old forests.] Studentuppsatser - Sveriges Lantbruksuniversitet, Institutionen foer Skogsteknik 9pp. (in Swedish).

Halme, P. 2005. The effects of testosterone on the behaviour, sexual signals and immune defence of the yearling Black Grouse (*Tetrao tetrix*) males. M. Sc. Thesis, 26pp. University of Jyväskylä.

Hämäläinen, A. 2010. Fighting performance as a predictor of mating success in male Black Grouse. M. Sc. Thesis. University of Jyväskylä. 25pp.

Hammer, M. 1958. Investigations on the food of partridges, pheasants and Black Grouse in Denmark. Danish Review of Game Biology 3:183-208.

Hammer, M., M. Koie, and R. Sparck. 1955. Investigations on the food of partridges, pheasants and Black Grouse in Denmark. Danske Vildtunders. 4:1-24.

Hancock, M. 2003. Experimental burning, cutting and cattle grazing in a Scottish native pinewood important for Western Capercaillie *Tetrao urogallus*. Grouse News 26:9-10.

Hancock, M. 2007. Developing a DNA test to separate Black Grouse *Tetrao tetrix* dung from that of other grouse. Grouse News 34:14.

Hancock, M. 2009. Capercaillie habitat benefits from an unusual climatic event in Scotland. Grouse News 37:7-8.

Hancock, M. 2010. Cattle, bilberry and Capercaillie in a Scottish pinewood. Grouse News 39:10.

Hancock, M., A. Amphlett, R. Proctor, D. Dugan, J. Willi, P. Harvey, and R, W. Summers. 2011. Burning and mowing as habitat management for Capercaillie *Tetrao urogallus*: An experimental test. Forest Ecology and Management XXX:XXX-XXX. (online early).

Hancock, M., D. Baines, D. Gibbons, B. Etheridge, and M. Shepherd. 1999. Status of male Black Grouse *Tetrao tetrix* in Britain in 1995-96. Bird Study 46:1-15.

Hancock, M. H., R. W. Summers, A. Amphlett, J. Willi, G. Servant, and A, Hamilton. 2010. Using cattle for conservation objectives in a Scots pine *Pinus sylvestris* forest: results of two trials. European Journal of Forest Research 129:299-312. (Western Capercaillie).

Hanson W. R., and M. Soikkeli. 1984. Group size and sex ratios among Finnish Black Grouse. Ornis Fennica 61:65-68.

Hanssen, I. 1982. Yersinia psuedotuberculosis infection in captive Black Grouse (*Tetrao lyrurus*) and Willow Ptarmigan (*Lagopus l. lagopus*). Acta Vet. Scand. 23:622-623.

Harrison, P. A., D. P. Vanhinsbergh, R. J. Fuller, and P. M. Berry. 2003. Modelling climate change impacts on the distribution of breeding birds in Britain and Ireland. Journal of Nature Conservation 11:31-42.

Harvie-Brown, J. A. 1880. The Capercaillie in Scotland. Scottish Naturalist 5:289-294.

Harvie-Brown, J. A. 1888. The Capercaillie in Scotland [with some account of the extension of its range since its restoration at Taymouth in 1837 and 1838]. 155pp. Edinburgh.

Harvie-Brown, J. A. 1908. Capercaillie in Dee. Annals of Scottish Natural History 1908:

Hasa, L. 2006. Health parameters and sexual signalling in yearling Black Grouse males (*Tetrao tetrix*). M. Sc. Thesis. University of Jyvaskyla. 24pp.

Hasafurther, A. 1936. Zur Balz des Rackelhahnes (*Tetrao urogallus x Lyrurus tetrix*). [Courtship behavior in Capercaillie-Black Grouse hybrids (*Tetrao urogallus x Lyrurus tetrix*).] Orn. Monatsb. 44:169-170. (in German).

Hatlapa, H. H. 1988. Probleme und Methoden bei der Auswilderung von Birkwild (*Lyrurus tetrix*). Möglichkeiten, Probleme und Aussichten der Auswilderung von Birkwild: Schutz und Status der Rauhfusshühner in Nierdersachsen. [Problems and methods with the habitat of Black Grouse (*Lyrurus tetrix*). Possibilities, problems and prospects of the habitat of Black Grouse: Protection and status of the grouse in Nierdersachsen.] Norddeutsche Naturschutzakademie Berichte 1:80-82. (in German)

Hauge, K. S. 1981. Observations at a Capercaillie lek in Norway. World Pheasant Association Journal Suppl. 6:73-79.

Haysom, S. L. 2001. Aspects of the ecology of Black Grouse (*Tetrao tetrix*) in plantation forests in Scotland. Ph. D. Dissertation, University of Stirling.

Heckenroth, H. 1988. Birkhuhn-Bestandsentwicklung in Niedersachsen 1976-1988. Möglichkeiten, Probleme und Aussichten der Auswilderung von Birkwild; Schutz und Status der Rauhfusshühner in Nierdersachsen. [Black Grouse inventory development in Lower Saxony 1976-1988. Possibilities, problems and prospects of the habitat of Black Grouse: Protection and status of the grouse in Nierdersachsen.] Norddeutsche Naturschutzakademie (NNA) Berichte 1:121-122. (in German).

Heikura, K., and E. Helle. 1978. Metson (*Tetrao urogallus*), teeren (*Lyrurus tetrix*) ja riekon (*Lagopus lagopus*) jauhinkivistä Pohjois-Suomessa. [On the gizzard stones of the Capercaillie (*Tetrao urogallus*), the Black grouse (*Lyrurus tetrix*) and the Willow Ptarmigan (*Lagopus lagopus*) in northern Finland.] Aureola 3:2-13. (in Finnish with English summary).

Heinemann, U. 1989. Das Nahrungsspektrum des Auerwildes (*Tetrao urogallus* L.): Literaturstudie und eigene Untersuchungen [The food spectrum of Capercaillie (*Tetrao urogallus* L.): review of literature and own investigations]. Ph. D. Thesis. Tierarztliche Hochschule Hannover (In German, with English summary).

Heinemann, U. 1989. Zur Winternahrung des Auerhuhns (*Tetrao urogallus* L.) im Harz (Niedersachsen). [Winter food of Capercaillie (*Tetrao urogallus* L.) in the harz (Lower Saxony).] European Journal of Wildlife Research 35:35-40. (in German with English summary).

Hejduk, J., and J. Markowski. 2002. Wystepowanie bociana czarnego *Ciconia nigra* (L.), cietrzewia *Tetrao tetrix* (L.) i jarzabka *Bonasa bonasia* (L.) w regionie lodzkim (Wyniki badan ankietowych). [The occurrence of Black Stork *Ciconia nigra* (L.), Black Grouse *Tetrao tetrix* (L.) and Hazel Hen *Bonasa bonasia* (L.) in Lodz region (the results of an enquiry). Acta Universitatis Lodziensis Folia Biologica et Oecologica 1:217-225. (in Polish with English summary).

Helle, P., V. Belkin, L. Bjudnik, P. I. Danilov, and A. Jakimov. 2003. Metsakanalintukannat Suomessa ja Venajan Karjalassa. [Changes in grouse populations in Finland and Russian Karelia during recent decades.] Suomen Riista 49:32-43. (in Finnish with English summary).

Helle, P. and T. Helle. 1991. How do changes in forest structure explain recent changes in Finnish grouse populations? Suomen Riista 37:56-66.

Helle, P., T. Helle, and H. Linden. 1994. Capercaillie (*Tetrao urogallus*) lekking sites in fragmented Finnish forest landscape. Scandinavian Journal of Forest Research 9:386-396.

Helle, P., J. Jokimaki, and H. Linden. 1990. Habitat selection of the male Capercaillie in northern Finland: a study based on radio-telemetry. Suomen Riista 36:72-81.

Helle, P., S. Kurki, and H. Linden. 1999. Change in the sex ratio of the Finnish Capercaillie *Tetrao urogallus* population. Wildlife Biology 5:25-31.

Helle, P., and H. Linden. 1992. Monitoring grouse populations in Finland. Grouse News 4:7-10.

Helle, P., H. Linden, S. Kurki, O. Ratti, and P. Kumpu. 2000. Recent changes in the sex ratio of the Finnish Capercaillie population. Suomen Riista 46:14-26.

Helle, P., H. Linden, and O. Ratti. 2004. Metsäkanalintutiheyden ja metsästyssaaliin suhde. [Relationship between grouse density and hunting bag.]. Suomen Riista 50:110-119. (in Finnish).

Helle, P., H. Linden, and M. Wikman. 2002. Metsakanalintujen viimeaikaisista runsauden muutoksista Suomessa. [Recent changes in grouse populations in Finland.] Linnut-vuosikirja 2002:92-97 (in Finnish).

Helle, P., and J. Lindstrom. 1991. Censusing tetraonids by the Finnish wildlife triangle method: principles and some applications. Ornis Fennica 68:148-157.

Helle, T., P. Helle, H. Linden, and S.-S. Kilpela. 1989. [Stand characteristics of Capercaillie lekking sites in northern Finland.] Suomen Riista 35:26-35. (in Finnish with English summary).

Helle, T., E. Taskinen, H. Linden, and P. Hokka. 1987. Tetraonid habitats and forestry. Suomen Riista 34:77-95.

Helmers, H. G., and G. van den Bovencamp. 1982. [Black Grouse along the Knardijk.] Vogeljaar 30:91-92.

Helminen, M. 1963. Composition of the Finnish populations of Capercaillie, *Tetrao urogallus*, and Black Grouse, *Lyrurus tetrix*, in the autumns of 1952-1961, as revealed by a study of wings. Ph. D. Dissertation, University of Helsinki. Papers on Game Research 23:1-124.

Helminen, M. 1965. Age ratios of Capercaillie (*Tetrao urogallus*), and Black Grouse (*Lyrurus tetrix*) in Finland in the Autumns of 1952-1962. International Union of Game Biologists. Transactions of the VI Congress 6:75-80.

Helminen, M., and J. Viramo. 1962. Animal food of Western Capercaillies (*Tetrao urogallus*) and Northern Black Grouse (*Lyrurus tetrix*) in autumn. Ornis Fennica 39:

Henttonen, H. 1989. Does an increase in rodent and predator densities, resulting from modern forestry, contribute to the long-term decline in Finnish tetraonids? Suomen Riista 35:83-90.

Heringa, R. 2000. Management experiences in restoration of heather in Sallandse Heuvelrug (NL). Cahiers d'Ethologie 20:533-542.

Heringa, I. R. 2001. The fate of the Black Grouse – Management experiences in restoration of heathland in Sallandse Heuvelrug, Netherlands. Grouse News 21:6-11.

Hermann, R. 1916. Das Birkhuhn (*Tetrao tetrix*). [The Black Grouse (*Tetrao tetrix*). Orn. Monatschr. 41:206-210. (in German).

Hertel, M. 2009. Auerhuhner *Tetrao urogallus* im Fichtelgebirge - Anmerkungen eines Forsters. [Capercaillies *Tetrao urogallus* in the Fichtelgebirge mountains – remarks from a forester.] Ornithologischer Anzeiger 48:13-18. (in German with Englsih summary).

Herzoc, S. 2000. Sense and nonsense of gentic studies on endangered species. Cahiers d'Ethologie 20:403-410.

Herzog, A., and R. Schulz. 1982. Die Chromosomen des Auerhahnes (*Tetrao urogallus* L.). [The Chromosomes of the Capercaillie (*Tetrao urogallus* L.)]. European Journal of Wildlife Research 28:255-259. (In German with English summary).

Herzog, S., and T. Krueger. 2003. Influences of habitat structure, climate, disturbances and predation on population dynamics of Black Grouse in the northern Ore Mountains. Sylvia 39(suppl.):9-15.

Hess, R. 2000. Bestandsruckgang und raumliches ruckgangsmuster des birkhuhns *Tetrao tetrix* am rand des verbreitungsgebiets (schwyzer voralpen, 1977-1999). [Population decline and local pattern of decline of the Black Grouse *Tetrao tetrix* at the fringe of its range (prealps of the canton of Schwyz, 1977-1999).] Ornithologische Beobachter 97:147-152. (in German with English summary).

Heymann, J., and H. H. Bergmann. 1986. [Behavioral development in the Capercaillie.] Journal fur Ornithologie 127:383-384. (in German).

Hissa, R. 1984. Annual cycle of hormonal levels in the Capercaillie *Tetrao urogallus*. Riistatieteellisia Julkaisuja 42:38

Hissa, R. 1984. Ontogenetic development of temperature regulation in the Capercaillie, *Tetrao urogallus*. Riistatieteellisia Julkaisuja 42:42.

Hissa, R., E. Hohtola, H. Linden, H. Rintamaki, S. Saarela, and A. Marjakangas. 1982. [Energetics and development of temperature regulation in gallinaceous birds.] Suomen Riista 29:29-39. (in Finnish with English summary).

Hissa, R., H. Rintamaki, P. Virtanen, H. Linden, and V. Vihko. 1990. Energy reserves of the Capercaillie *Tetrao urogallus* in Finland. Comparative Biochem. Physiol. A. 97:345-352.

Hissa, R., H. Rintamaki, P. Virtanen, H. Linden, and V. Vihko. 1990. [Energy reserves of the Capercaillie.] Suomen Riista 36:62-71. (in Finnish with English summary).

Hissa, R., S. Saarela, J. Balthazart, and R. J. Etches. 1983. Annual variation in the concentrations of circulating hormones in Capercaillie (*Tetrao urogallus*). General Comparative Endocrinology 51:183-190.

Hissa, R., S. Saarela, and H. Linden. 1982. [Annual cycles of hormonal levels in the Capercaillie.] Suomen Riista 29:53-60. (in Finnish with English summary).

Hissa, R., S. Saarela, H. Rintamaki, H. Linden, and E. Hohtola. 1983. Energetics and development of temperature regulation in Capercaillie *Tetrao urogallus*. Physiological Zoology 56:142-151.

Hjeljord, O., and G. Fry. 1995. The size of Black Grouse lek populations in relation to habitat characteristics in southern Norway. Proceedings of the 6th. International Grouse Symposium. Pp. 67-70.

Hjeljord, O., T. K. Spidsø, F. Bjormyr., E. Meisingset, and J. G. Dokk. 1994. Selection of birch by Black Grouse *Tetrao tetrix* in winter. *In*: Jenkins, D. (ed.), Proceedings of the 6th. International Grouse Symposium. 1993: 63-66.

Hjeljord, O., P. Wegge, J. Rolstad, M. Ivanova, and A. B. Beshkarev. 2000. Spring-summer movements of male Capercaillie *Tetrao urogallus*: a test of the 'landscape mosaic' hypothesis. Wildlife Biology 6:251-256.

Hjorth, C. 1981. [The last chance for the Black Grouse.] Fugle 75(4):4-5, 62.

Hjorth, I. 1966. Arena behaviour of the Black Grouse (*Lyrurus t. tetrix*). Philosophical Transactions of the Royal Society of London, Serial B., Biological Science 251:485-492.

Hjorth, I. 1966. [Influence of abiotic factors upon the display of the Black Grouse (*Lyrurus tetrix*).] Var Fagelvarld 25:289-314.

Hjorth, I. 1967. Fortplantningsbeteende inom Honfagelfamiljen Tetraonidae. [Reproductive behavior in male grouse.] Var Fagalvarld 26:193-243.

Hjorth, I. 1968. Significance of light in the initiation of morning display of the Black Grouse *Lyrurus tetrix*. Viltrevy 5:39-94.

Hjorth, I. 1974. The lek of the Black Grouse. British Birds 67:116-120.

Hjorth, I. 1981. [Can we afford to lose the Capercaillie.] Sveriges Natur Arsbok 72:109-113. (in Swedish).

Hjorth, I. 1982. Attributes of Capercaillie display grounds and the influence of forestry – a progress report. Pp. 26-33 *in*: Lovel, T. (*Ed.*), Proc. 2nd. International Symp. On Grouse. The World Pheasant Association, Exning, England.

Hjorth, I. 1990. [Does the Capercaillie need a courtship arena - a lek?] Sveriges Lantbruksuniversitet Institutionen for Viltekologi Rapport Suppl. 15:7-14,63. (in Swedish with English summary).

Hofmanis, H. 2010. Probably the largest Black Grouse *Tetrao tetrix* lek in Europe! Grouse News 39:39.

Hofmanis, H., and M. Strazds. 2004. Medņa *Tetrao urogallus* aizsardzības plāns Latvijā. Latvijas Ornitoloģijas biedrība. 55 pp. (in Latvian with English summary).

Hofshagen, M., and H. Stenwig. 1992. Toxin production by *Clostridium perfringens* isolated from broiler chickens and Capercaillies (*Tetrao urogallus*) with and without necrotizing enteritis. Avian Diseases 36:837-843.

Hoglund, J. 2003. Lek-kin in birds – provoking theoryand surprising new results. Annals Zoological Fennici. 40:249-253.

Hoglund, J. 2009. Genetic studies of Black Grouse with special reference to conservation biology: a review. Folia Zoologica 58:135-149.

Hoglund, J., R. V. Alatalo, R. M. Gibson, and A. Lundberg. 1995. Mate-choice copying in Black Grouse. Animal Behavior 49:1627-1633.

Hoglund, J., R. V. Alatalo, and A. Lundberg. 1990. Copying the mate choice of others? Observations on female Black Grouse. Behaviour 114:221-231.

Hoglund, J., R. V. Alatalo, and A. Lundberg. 1992. The effects of parasites on male ornaments and female choice in the lek-breeding Black Grouse (*Tetrao tetrix*). Behavioral Ecology and Sociobiology 30:71-76.

Hoglund, J., R. V. Alatalo, A. Lundberg, and O. Ratti. 1994. Context-dependent effects of tail-ornament damage on mating success in Black Grouse. Behavioral Ecology 5:182-187.

Hoglund, J., R. V. Alatalo, A. Lundberg, P. K. Rintamaki, and J. Lindell. 1999. Microsatellite markers reveal the potential for kin selection on Black Grouse leks. Proceedings of the Royal Society of London 266:813-816.

Hoglund, J., D. Baines, J. K. Larsson, and G. Segelbacher. 2003. Population fragmentation and genetic variability in European Black Grouse – a progress report. Sylvia 39(suppl.):17-23.

Hoglund, J., T. Johansson, and C. Pelabon. 1997. Behaviourally mediated sexual election: characteristics of successful male Black Grouse. Animal Behavior 54:255-64.

Hoglund, J. J. K. Larsson, C. Corrales, G. Santafe, D. Baines, and G. Segelbacher. 2011. Genetic structure among Black Grouse in Britain: implications for designing conservation units. Animal Conservation XXX:XXX-XXX. (online early).

Hoglund, J., J. K. Larsson, H. A. H. Jansman, and G. Segelbacher. 2007. Genetic variability in European Black Grouse (*Tetrao tetrix*). Conservation Genetics 8:239-243.

Hoglund, J., S. B. Piertney, R. V. Alatalo, J. Lindell, A. Lundberg, and P. T. Rintamaki. 2002. Inbreeding depression and male fitness in Black Grouse. Proceedings of the Royal Society of London 269:711-715.

Hoglund, J., and S. Stohr. 1997. A non-lekking population of Black Grouse Tetrao tetrix. Journal of Avian Biology 28:184-187.

Hoglund, N. H. 1955. Body temperature, activity and reproduction in the Capercaillie. Viltrevy 1:1-87.

Hoglund, N. 1952. Capercaillie reproduction and climate. Papers on Game Research 78–86.

Hoglund, N. H. 1956. On sex-distinguishing characters in Capercaillie chicks. Viltrevy 1:150-157.

Hoglund, N., and K. Borg. 1955. Über die Gründe für die Frequenzvariation beim Auerwild. [Results of investigations concerning the variations in the stock of Capercaillies]. Zeitschrift für Jagdwissenschaft 1:59-63. (in German).

Hoglund, N. H., and J. Porkert. 1983. Consumption and excretion of grit in Capercaillie, Black Grouse, and Willow Grouse, *Tetrao urogallus, Tetrao tetrix, Lagopus Lagopus* under experimental conditions. Vestnik Ceskoslovenske Spolecnosti Zoologicke 47:256-271.

Hoglund, N. H., and J. Porkert. 1989. Experimentelle Kreuzungen zwischen Auer- und Birkhuhn *(Tetrao urogallus* et *Tetrao tetrix).* [Experimental crossing of Capercaillie and Black Grouse *Tetrao urogallus* and *Tetrao tetrix*.] Zeitschrift fuer Jagdwissenschaft [European Journal of Wildlife Research] 35:221-234. (in German with English abstract).

Hoglund, N. H., and J. Porkert. 1992. Zum Entstehen anomalen Verhaltens beim Auerhuhn (*Tetrao urogallus* L.). [Possible causes for abnormal behaviour in Capercaillie (*Tetrao urogallus* L.)]. European Journal of Wildlife Research 38:165-170. (in German with English abstract).

Hoglund, N. H., and J. Porkert. 1993. Abnormal Capercaillie behaviour owing to

imprinting disturbance. Grouse News 6:10-11.

Hohn, E. O. 1953. Display and mating behaviour of the Black Grouse *Lyrurus tetrix* (L). British Journal of Animal Behaviour 1:48-58.

Holloway, C. W., and H. Junglus. 1973. Reintroduction of certain mammal and bird species into the Grand Paradiso National Park. The feasibility of reintroducing roe deer, lynx, otter, Lammergeier and Capercaillie and the implementation of a reintroduction programme by species. Zoologischer Anz. 191:1-44.

Holtz-Jorgensen, B. 1995. The Black Grouse in Denmark, 1978-1993. Proceedings of the 6th. International Grouse Symposium Pp.163-164.

Holtz-Jorgensen, B. 2000. The Black Grouse in Denmark 1978-2000. Cahiers d'Ethologie 20:505-508.

Holzinger, J., and M. Rosler. 1990. Vorkommen des Auerhuhns (*Tetrao urogallus major* C. L. Brehm, 1831) am Athos (Greichenland). [The occurrence of the Capercaillie (*Tetrao urogallus major* C. L. Brehm, 1831) at the Mount Athos (Greece)]. J. Ornithol. 131:95-96. (in German with English summary).

Hoppe, P., and P. Bruggemann. 1972. Untersucungen uber den Vitamin-A-Gehalt in der Leber von Wildtieren. 2. Vitamin A in der Leber von Auerhahn (*Tetrao urogallus*) und Birkhahn (*Lyrurus tetrix*) zur Balzzeit. [Studies on the Vitamin A content in the liver of wild animals, part 2: Vitamin A in the liver of Capercaillie *Tetrao urogallus* and the Black Grouse *Lyrurus tetrix* during the mating season. Internat. J. Vita. & Nutr. Research 42:98-103. (in German).

Horak, V. 1998. [Observation of the gallinaceous birds (Galliformes) on the plateau of the Ore Mountains (Krusne hory) in the Most area.] Fauna Bohemiae Septentrionalis 23:51-54. (in Czech with English summary) (Black Grouse, Hazel Grouse).

Hornell, M. 1998. Bedsite and habitat selection by Capercaillie (*Tetrao urogallus* L.) in central Sweden during summer. Thesis. Swedish University of Agricultural Science.

Hornfeldt, B., T. Hipkiss, and U. Eklund. 2001. Juvenile sex ratio in relation to breeding success in Capercaillie *Tetrao urogallus* and Black Grouse *T. tetrix*. Ibis 143:627-631.

Hornfelt, B., O. Lofgren, and B.-G. Carlsson. 1986. Cycles in voles and small game in relation to variations in plant production indices in Northern Sweden. Oecologia 68:496-502.

Hou, J.-H, M.-L. Wu, L.-Q. Zhao, Y.-H. Lu, and F.-L. Ji. 2008. [Winter population size

of *Lyrurus tetrix* in Saihanba, Hebei Province.] Chinese Journal of Zoology 43:56-58 (in Chinese).

Hovel, S. 1996. Untersuchung über die Voraussetzungen zur Erhaltung des Birkhuhnes (*Tetrao tetrix* L.) in Oberschwaben sowie seiner oberschwäbischen Moorlebensräume : unter Einbeziehung von Ergebnissen des Birkwild-Wiedereinbürgerungsprojektes 1978 – 1991. [Investigation on the conditions for the preservation of the Black Grouse (*Tetrao tetrix* L.) in upper swabia as well as its upper-Swabian moorland habitats: including results of the Black Grouse reintroduction project 1978 – 1991.] Landesjagdverb. Baden-Württemberg. Stuttgart. 485pp. (in German).

Hovel, S. 2003. Randeffekt-Problematik fragmentierter Biotope am Beispiel ausgewilderter Birkhuhner (*Tetrao tetrix* Linnaeus 1758) in dem Moorkomplex Wurzacher Ried. [Edge effect problem of fragmented biotopes by the example of Black Grouse (*Tetrao tetrix* Linnaeus 1758) in the moorland complex Wurzacher Ried]. Ph.D. Dissertation. Eberhard Karls Universitaet Tuebingen, Germany. (in German).

Hovel, S., S. Bauer, and E. Strauss. 1991. Radiotracking study of reintroduced Black Grouse. Grouse News 1:9.

Hovi, M. 1995. The lek mating system in the Black Grouse: the role of sexual selection. Ph. D. Dissertation. University of Jyväskylä.

Hovi, M., R. V. Alatalo, M. Halonen, and A. Lundberg. 1997. Responses of male and female Black Grouse to male vocal display. Ethology 103:1032-1041.

Hovi, M., R. V. Alatalo, J. Hoglund, and A. Lundberg. 1996. Traditionality of Black Grouse *Tetrao tetrix* leks. Ornis Fennica 73:119-123.

Hovi, M., R. V. Alatalo, J. Hoglund, A. Lundberg, and P. T. Rintamaki. 1994. Lek centre attracts Black Grouse females. Proceedings of the Royal Society of London 258:303-305.

Hovi, M., R. V. Alatalo, and P. T. Rintamaki. 1996. Habitat differences and variability in the lek mating system of Black Grouse. Behavour 133:561-578.

Hovi, M., R. V. Alatalo, and P. Siikamaki. 1995. Black Grouse leks on ice: female mate sampling by incitation of male competition. Behavioral Ecology and Sociobiology 37:283-288.

Hudson, P. J., and D. Baines. 1995. The decline of the Black Grouse in Scotland and northern England. Bird Study 42:122-131.

Huhta, E., J. Siekkinen, and J. Keranen. 1994. Do artificial feeding sites of Black

Grouse attract mammalian predators? Suomen Riista 40:110-117.

Hurstel, A. 2009. A strategy for the conservation of Capercaillie (*Tetrao urogallus*) in France. Grouse News 37:4.

Hutchinson, C. L. 1979. Capercaillie. Pp. 166-175 in: Lovel, T. W. I. (ed.). Woodland Grouse 1978. World Pheasant Association, Reading, UK.

Hutchinson, J. M. C. 2005. Is more choice always desirable? Evidence and arguments from leks, food selection, and environmental enrichment. Biological Reviews 80:73-91.

Ijas, L., I. Nuuja, P. Kangas, J. Soimajarvi, and P. Valkeajarvi. 1978. Body lipid composition in the winter fed and control populations of the wild male Black Grouse (*Lyrurus tetrix* L.) in autumn and spring. Comparative Biochemistry and Physiology Part A: Physiology 60:313-317.

Ims, R. A., J. Rolstad, and P. Wegge. 1993. Predicting space use responses to habitat fragmentation: can voles *Microtus oeconomus* serve as an experimental model system (EMS) for Capercaillie grouse *Tetrao urogallus* in boreal forest? Biological Conservation 63:261-268.

Ingram, C. 1915. A few notes on *Tetrao urogallus* and its allies. Ibis 1915:128-133.

Isfendiyaroğlu, S., G. Welch, and M. Ataol. 2007. The Caucasian Black Grouse *Tetrao Mlokosiewiczi* in Turkey: Recent survey results and conservation recommendations. Wildlife Biology 13 (Suppl. 1):13-20.

Isomursu, M. P. Helle, and O. Ratti. 2004. Metsäkanalintujen suolistoloismadot Suomessa. [Intestinal helminths in Finnish grouse.] Soumen Riista 50:90-100. (In Finnish with English abstract)

Isomursu, M., O. Ratti, P. Helle, and T. Hollmen. 2006. Sex and age influence intestinal parasite burden in three boreal grouse species. Journal of Avian Biology 37:516-522.

Isomursu, M., O. Ratti, P. Helle, and T. Hollmen. 2008. Parasitized grouse are more vulnerable to predation as revealed by a dog-assisted hunting study. Annals Zoology Fennica 45:496-502. (Hazel Grouse, Black Grouse, Capercaillie).

Isomursu, M., O. Ratti, P. Helle, and T. Hollmen. 2010. Intestinal parasite Infection exposes grouse to canine predators. Acta Veterinaria Scandinavica 52(Suppl. 1):S31. (Capercaillie, Black Grouse, Hazel Grouse) (abstract only).

Ivanter, E. V. 1963. The Black Grouse in Karelia. Ornitologia 6:68-80.

Jaako, A., A. Putaala, and A. Marjakangas. 2005. Teeren pesan sailymiseen vaikuttavista tekijoista. [Factors affecting nesting success in Black Grouse.] Suomen Riista 51:44-50. (in Finnish with English summary).

Jacob, G. 2006. Conservation genetics of the Capercaillie (*Tetrao urogallus* L.) in the Swiss Alps. Ph. D. Thesis. University of Zurich.

Jacob, G., R. Debrunner, F. Gugerli, B. Schmid, and K. Bollmann. 2010. Field surveys of Capercaillie (*Tetrao urogallus*) in the Swiss Alps underestimated local abundance of the species as revealed by genetic analyses of non-invasive samples. Conservation Genetics 11:33-44.

Jacob, L. 1987. Le regime alimentoaire du grand tetras: synthese bibliographique. [The food habits of Capercaillie: bibliographical synthesis.] Gibier Faune Sauvage 4:429-448. (in French).

Jacob, L. 1987. Le Regime Alimentaire du Grand Tetras (*Tetrao urogallus* L.) et de la Gelinotte des Bois (*Bonasa bonasia* L.) dans le Jura. [Food habits of Capercaillie (*Tetrao urogallus* L.) and Hazel Grouse (*Bonasa bonasia* , L.) in the Jura.] Ph. D. Dissertation. 116pp. (in French).

Jacob, L. 1988. Regime alimentaire du grand tetras (*Tetrao urogallus*, L.) et de la gelinotte des bois (*Bonasa bonasia*, L.) dans le Jura. [Food habits of Capercaillie (*Tetrao urogallus* L.) and Hazel Grouse (*Bonasa bonasia* , L.) in the Jura.] Acta Oecologica 9:347-370. (in French with English summary).

Jacquin, A., V. Cheret, J.-P. Denux, M. Gay, J. Mitchley, and P. Xofis. 2005. Habitat suitability modelling of Capercaillie (*Tetrao urogallus*) using earth observation data. Journal for Nature Conservation 13:161-169.

Jalkeajarvi, P., and L. Ijas. 1986. [On the display requirements of Capercaillie in central Finland.] Suomen Riista 33:5-18. (in Finnish with English summary).

Jamnicky, J. 2001. Lov hluchanovitych vtakov (Tetraonidae) na Slovensku pred sto rokmi. [Hunting of tetraonides (Tetraonidae) in former Slovakia one hundred years ago.] Folia Venatoria 30-31:299-306. (in Slovanian with English summary). (Black Grouse, Capercaillie, Hazel Grouse).

Jamrozy, G. 1991. The occurrence of the Capercaile [Capercaillie] *Tetrao urogallus* (L.), the Black Grouse *Tetrao tetrix* (L.), and the Hazel Grouse *Bonasa bonasia* (L.) in the Polish Carpathians. Przeglad Zoologiczny 35:361-368.

Jamrozy, G., and A. Tomek. 1992. On the hybrid grouse *Tetrao urogallus* x *Tetrao tetrix* in the region of Jaworzyna Krynicka in the mountain range of Beskid of Sacz. Chronmy Przyrode Ojczysta 48(5):96-98.

Jansman, H. A. H., F. J. J. Niewold, J. Bovenschen, and H. P. Koelewijn. 2004. Korhoenders op de Sallandse Heuvelrug. Een populatie-genetische analyse van het wel en wee van Nederlands laatste populatie. [Black Grouse on the Sallandse Heuvelrug. A population-genetic analysis of the ups and downs of the Netherlands last population.] Alterra-Rapport 1122:1-54. (in Dutch).

Jarvinen, O., and R. A. Vaisenen. 1984. Numbers of breeding Capercaillie, Black Grouse and Hazel Hen in Finland in 1973-77. Suomen Riista 31:60-73.

Jasinski, K. 2002. Ecological and landscape considerations in forest management. Ph. D. Dissertation. Sveriges Lantbruksuniversitet (Sweden). 21pp. (Capercaillie).

Javakhishvili, Z., and R. Gokhelashvili. 2005. Caucasian Black Grouse conservation in Georgia. Pp. 97-99 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Jean, E. L. H. 1994. Le grand tétras (*Tetrao urogallus* L.) : présentation générale : biologie : avenir. [The Capercaillie (*Tetrao urogallus* L.): general presentation: biology: future.] Proefschrift Lyon. 126pp. (in French).

Jeandidier, B. 1988. Contribution à l'étude du tetras lyre (*Lyrurus tetrix* L.). [Contribution to the study of the Black Grouse (*Lyrurus tetrix* L.).] D.V.M Thesis. Ecole Nationale Vétérinaire de Toulouse. (in French).

Jenkins, D. 2007. Comments on notes on display by Capercaillie *Tetrao urogallus*. Grouse News 34:19.

Jenkins, D., and A. Watson. 2001. Bird numbers in relation to grazing on a grouse moor from 1957-61 to 1988-98. Bird Study 48:18-22.

Jenni-Eiermann, S., and R. Arlettaz. 2008. Does ski tourism affect alpine bird fauna? Chimia 62:301. (Black Grouse, Capercaillie).

Jenrich, J. 2000. Breeding habitats of the Black Grouse hens in the Rhoen Hills/Bavaria/Germany. Cahiers d'Ethologie 20:449-454.

Jepson, P. U. 1974. Grouse *Lyrurus tetrix* populations on defense installations among dunes near Oksbol Denmark1969-1973. Flora og Fauna 80(2):25-36.

Jepson, P. U. 1982. [The population of Black Grouse (*Lyrurus tetrix*) in Denmark 1980 [Jutland]]. Status of the Danish Flora and Fauna, Copenhagen (Denmark), Apr 1980. Pp. 118-122. (in Danish).

Joelsson, S. 1988. [Preserve Capercaillie leks.] Fauna och Flora 83:10-17. (in Swedish with English summary).

Joensen, A. H. 1967. Urfuglen (*Lyrurus tetrix*) i Danmark. Black Grouse (*Lyrurus tetrix*) in Denmark. Kalø pr. Rønde, Vildtbiologisk Station. 102pp. (in Danish).

Joensen, A. H. 1967. Urfuglen (*Lyrurus tetrix*) i Danmark. [Black Grouse (*Lyrurus tetrix*) in Denmark.] Danske Vildtunders 14:1-57. (in Danish).

Johnston, G. D. 1967. Black Game and Capercaillie in relation to forestry in Britain. Forestry, Suppl. 1967:68-77.

Johnston, G. W. 1969. Ecology, dispersion and arena behaviour of Black Grouse *Lyrurus tetrix* (L.) in Glen Dye, N.E. Scotland. Ph.D. Dissertation. Aberdeen Univ.

Johnstone, G. W., and F. C. Zwickel. 1966. Numbers of Capercaillie in the Black Wood of Rannoch. British Birds 59:498-499.

Johnstone, I., and P. Lindley. 2003. The proximate causes of Black Grouse breeding failure in Wales. CCW Contract Science Report 600:1-28.

Jones, A. M. 1981. A field study of Caperciallie *Tetrao urogallus* (abstract). Ibis 123:579.

Jones, A. M. 1982. Winter habitat relations of Capercaillie in Scottish plantations. World Pheasant Association Journal 7:9-27.

Jones, A. M. 1982. Aspects of the ecology and behaviour of Capercaille *Tetrao urogallus* L. in two Scottish plantations. Ph. D. Dissertation, University of Aberdeen.

Jones, A. M. 1982. Capercaillie in Scotland - towards a conservation strategy. Pp. 60-74 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Jones, A. M. 1990. Capercaillie numbers on three Loch Lomond islands. Scottish Birds 16:47.

Jones, A. M. 1990. Partly albino Capercaillie. Scottish Bird News 17:11.

Junco Rivera, E. 1975. [The Capercaillie of the Cordillera Cantabrica.] Vida Silvestre 16:216-225. (in Spanish).

Kaasa, J. 1959. En undersøkelse over næringen hos orrfuglen (*Lyrurus tetrix* L.) i Norge. [On the knowledge of the food of the Black Grouse (*Lyrurus tetrix* L.) in Norway.] Trondheim: Direktoratet for Jakt, Viltstell og Ferskvannsfiske. (in Norwegian with English summary).

Kalas, J. A., and S. Lierhagen. 2003. [Terrestrial monitoring of ecosystems. Heavy metals and trace elements in Willow Grouse and Black Grouse liver in Norway, 2000-2001.] NINA Oppdragsmelding 782, 41pp. (in Norwegian with English summary).

Kalas, J. A., T. H. Ringsby, and S. Lierhagen. 1995. Metals and selenium in wild animals from Norwegian areas close to Russian nickel smelters. Environmental Monitoring and Assessment 36:251-270.

Kalchreuter, H., and W. Wagner. 1982. Preliminary results of reintroduction programs of Blackgrouse (*Lyrurus tetrix*) and Capercaillie (*Tetrao urogallus*) in southern Germany (Frg). Pages 202-203 in T.W.I. Lovel, ed. Proc. Second Int. Symp. Grouse at Dalhousie Castle, Edinburgh, Scotland. March 1981. World Pheasant Assoc., Exning, Suffolk.

Kamieniarz. R. 1997. Changes in distribution and population size of Black Grouse in Poland during 1982-83 and 1993-94. Journal of Wildlife Research 2:82-85.

Kamieniarz, R. 2000. The estimate of distribution and population size of Black Grouse (*Tetrao tetrix*) in Poland in the 1990s and principles of active protection project. Cahiers d'Ethologie 20:253-276.

Kamieniarz, R. 2003. Black Grouse habitats in Poland. Sylvia 39(suppl.):25-29

Kangas, J., J. Karsikko, L. Laasonen, and T. Pukkala. 1993. Is the increased female mortality reason for the rapid change in the sex-ratio of Capercaillie? Silva Fennica 27:259-268.

Kangas, A., and S. Kurki. 2000. Predicting the future of Capercaillie (*Tetrao urogallus*) in Finland. Ecological Modeling 134: 73-87.

Kapitonov, I. V., and S. M. Mahkmutov. 1978. On the ecology of the Black Grouse in the Ermentau Mountains (Kazakh upland). Trudy Instituta Zoologii Alma Ata Seriya Zoologicheskaya 38:159-163.

Karlsson, K. 2010. Tjaderspel. [Capercaillie lek.] Anser 49:192-195. (in Swedish).

Karvonen. E., P. T. Rintamaki, and R. V. Alatalo. 2000. Female-female aggression and emale mate choice on Black Grouse leks. Animal Behavior 59:981-987.

Kask, E. 1993. [Black Grouse were singing.] Eesti Loodus 3:67-68. (in Estonian).

Kasprzykowski, Z. 2002. Decline of the Black Grouse *Tetrao tetrix* population in east-central Poland. Die Vogelwelt 123:253-258.

Kastdalen, L. 1986. Food selection in Capercialle and Black Grouse chicks in south-

east Norway. M.Sc. Thesis. University of Oslo, Norway.

Kastdalen, L., and P. Wegge. 1985. Animal food in Capercaillie and Black Grouse chicks in south-east Norway. Proceedings of the 3rd. International Grouse Symposium 3:498-508.

Kaszuba, M. 2002. The programme of Black Grouse and Capercaillie protection in north-eastern Poland. Grouse News 23:7-11.

Keller, H., H. R. Pauli, and U. Glutz von Blotzheim. 1979. [Feeding ecology in winter of the Black Grouse in the Bernese Alps, Switzerland.] Ornithologische Beobachter 76:9-32. (in German with English summary).

Kempf, C., and M. Adamic (Eds.). 1982. Actes du colloque international sur le grand tetras (*Tetrao urogallus major*), Colmar (France), les 5, 6 et 7 octobre 1981. [Proceedings of the International Capercaillie Colloquium, Colmar (France) 5, 6 and 7 October 1981]. 286 pp. (In French, with English summary).

Keulen, C., O. Charlet, P. Poncin, and J.-C. Ruwet. 2005. Evolution of the populations of the Black Grouse (*Tetrao tetrix*) in the Belgian Hautes-Fagnes with respect to the modifications of the habitat's ecological parameters. Aves 42:103-120.

Keulen, C., S. Houbart, and J.-C. Ruwet. 2000. Arenas landscape features inside the Black Grouse habitat in the Belgian Hautes-Fagnes. Cahiers d'Ethologie 20:509-520.

Keulen, C., and Y. Pieper. 2005. Restoration plan for Black Grouse (*Tetrao tetrix*) for Special Areas for Conservation in Wallonia (Belgium). Pp. 44-49 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Keulen, C., Y. Pieper, A. Doyen, O. Charlet, P. Poncin, and J.-C. Ruwet. 2003. Ecological requirements for Black Grouse: a case study in the Belgian Hautes-Fagnes. Sylvia 39(suppl.):31-42.

Khanmamedov, A. I., and F. A. Aslanbekova. 1965. Reproduction in the Caucasian Blackcock (*Lyrurus mlokosiewiczi*). Izv. Akad. Nauk. Azerbaidzh SSR Ser. Biol. Nauk. 3:59-64.

Khosravifard, S., and M. Nabian. 2004. Caucasian Black Grouse in Iran. Grouse News 27:5

Kiefer, C. 1988. Ansprüche des Auerwildes (*Tetrao urogallus major*) an die Habitatqualität am Reinischkogel in der Steiermark. [Requirements of the Capercaillie (*Tetrao urogallus major*) to the habitat quality at the Reinischkogel in the Steiermark.] Diplomarbeit, Universität für Bodenkultur, Wien, 106 pp. (in

German).

Kielczynski, C. 2010. Wskaźniki biometryczne cietrzewi (*Tetrao tetrix* L.) w rozwoju osobniczym. [Biometrics rate of the Black Grouse (*Tetrao tetrix* L.) growth.] Aparatura Badawcza i Dydaktyczna 15(2):125-136. (in Polish with English abstract).

King, B., and M. P. Visick. 1977. Behaviour of Black Grouse on elevated perches. British Birds 70:77.

Kirikov, S. V. 1937. A comparative ecological sketch of the southern Ural Capercaillie inhabiting pine and oak forests. Bulletin of the Academy of Science. U.R.S.S. Series Biology 1987:821-842.

Kirikov, S. V. 1940. Age variations of the jaw muscles and skull in the *Tetrao urogallus* L. Zoological Journal of Moscow 23:16-25.

Kirikov, S. 1970. Ecological features of Capercaillie populations in the southern parts of the area of occurence (the territory between the Volga and the Ural). Proceedings of the International Union of Game Biologists 8:164-168.

Kirpichev, S. P. 1958. [On hybrids of *Tetrao urogallus* and *Tetrao parvirostris*.] Uchenye Zapiski Moskovskogo Gosudarstvennyi Universitet 197:217-221. (in Russian).

Kirpichev, S. P. 1961. [Materials on age variability of constitution, size and plumage in the Capercaillies.] Trudy Barguzin. zapov. 3:127-154. (in Russian).

Kirpichev, S. P. 1972. [The molt of the Capercaillie.] Ornitologiya 10:303-319. (in Russian).

Kiselev, Y. N. 1982. [Movements of Galliformes. Capercaillie, *Tetrao urogallus*.] Pp. 198-202 *IN*: K. A. Mikhelson, and Y. A. Viksne (eds.). [Migrations of birds of eastern Europe and northern Asia. Falconiformes-Gruiformes.] Nauka, Moscow. (in Russian).

Kitchen, A. 1978. Notes on the decline of the Black Grouse population of the Goyt Valley. Derbyshire Bird Report 1977:6-7.

Kitchen, A. 1978. Notes on the decline of the Black Grouse. Derbyshire Bird Report 1977:7-8.

Kivirikko, K. E. 1930. [A barren female of *Tetrao u. urogallus*]. Ornis Fennica 7:16-18. (in Finnish).

Klaus, S. 1982. Status and management of Capercaillie in Thuringia. Pp. 44-48 In:

Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Klaus, S. 1990. Die Birkhühner: *Tetrao tetrix* und *T. mlokosiewiczi*. [The Black Grouse: *Tetrao tetrix* and *T. mlokosiewiczi*.] Die Neue Brehm-Bücherei. 288pp. (in German).

Klaus, S. 1991. Effects of forestry on grouse populations: case studies from the Thuringian and Bohemian Forests, central Europe. Ornis Scandinavia 22:218-223.

Klaus, S. 1994. To survive or become extinct: small populations of Tetraonids in central Europe. In Remmert, H (Ed.). Minimum animal populations. Ecological Studies 106. Springer-Verlag, Berlin, Germany. Pp. 137-152.

Klaus, S. 1995. Capercaillie decline and air pollution. Grouse News 9:7-8.

Klaus, S. 1995. [Capercaillie (*Tetrao urogallus major* Brehm).] Wald 45(3):96-98. (in German).

Klaus, S. 1997. Breeding and release projects for Capercaillie in Germany. Grouse News 14:4-7.

Klaus, S. 1998. Breeding and releasing projects for Capercaillie in Germany. IUCN Reintroduction News 16:7-9

Klaus, S., A. V. Andreev, H.-H. Bergmann, F. Muller, J. Porkert, and J. Wiesner. 1989. Die Auerhuhner. [The Capercaillie.] Die Neue Brehm-Bucherei, Westarp Wissenschaften, Magdenburg, Germany. 280pp. (in German).

Klaus, S., A. V. Andreev, J. Slepzov, R. Ploner, and J. Wiesner. 2005. A new Siberian Capercaillie *Tetrao urogalloides* project in the Kolyma uplands / Magadan District, Russia. Grouse News 29:14-16.

Klaus, S., D. Berger, and J. Huhn. 1997. Capercaillie *Tetrao urogallus* decline and emissions from the iron industry. Wildlife Biology 3:131-136.

Klaus, S., and H. H. Bergmann. 1994. Distribution, status and limiting factors of Capercaillie (*Tetrao urogallus*) in central Europe, particularly in Germany, including an evaluation of introductions. Gibier Faune Sauvage 11:57-80.

Klaus, S., and H.-H. Bergmann. 1994. Restoration plan for the Black Grouse (*Tetrao tetrix*) in Germany. Gibier Faune Sauvage 11:83-96.

Klaus, S., and H. H. Bergmann. 2004. Situation der waldbewohnenden Raufusshuhnarten Haselhuhn *Bonasa bonasia* und Auerhuhn *Tetrao urogallus* in

Deutschland - Oekologie, Verbreitung, Gefaehrdung und Schutz. [Current status of the woodland grouses Hazel Grouse *Bonasa bonasia* and Capercaillie *Tetrao urogallus* in Germany - ecology, distribution, threats, and conservation. Volgewelt 125:283-295. (in German with English abstract).

Klaus, S., H.-H. Bergmann, C. Marti, F. Muller, O. A. Vitovic, and J. Wiesner. 1990. Die Birkhuhner: *Tetrao tetrix* und *T. mlokosiewiczi*. [The Black Grouse: *Tetrao tetrix* and *T. mlokosiewiczi*.] 288 pp. (In German).

Klaus, S., H.-H. Bergmann, J. Wiesner, O. A. Vitovich, J. Etzold, and E. Sultanov. 2003. Verhalten und Oekologie des Kaukasusbirkhuhns *Tetrao mlokosiewiczi* - stumme Balz steilen Hang. [Behaviour and ecology of the Caucasian Grouse.] Limicola 17:225-268. (in German with English summary).

Klaus, S., and A. W. Boback. 1986. Die Auerhühner: *Tetrao urogallus* und *T. urogalloides*. [The Capercaillie: *Tetrao urogallus* and *T. urogalloides*.] Wittenberg Lutherstadt: Ziemsen. 276pp. (in German).

Klaus, S., and W. Book. 1989. Die Eberesche (*Sorbus aucuparia*) als begrenzender Faktor in der Winterernährung des Birkhuhns (*Tetrao tetrix*). [The rowan (*Sorbus aucuparia*) as limiting factor in the winter nutrition of the Birkhuhns (*Tetrao tetrix*). Acta ornithoecology 1:49-57. (in German).

Klaus, S., and A. Christner. 2010. Ungewoehnliches Paarungsverhalten beim Birkhuhn *Tetrao tetrix*. [Atypical copulation behaviour in Black Grouse *Tetrao tetrix*.] Limicola 24:140-145. (in German with English abstract).

Klaus, S., and W. Dietzel. 2008. Male-plumage of a Capercaillie hen. Grouse News 35:21-22.

Klaus, S., and K. Graf. 2000. Russian Capercaillie *Tetrao urogallus* from the wild released into Thuringian forests. Grouse News 19:4-7.

Klaus, S., and I. Storch. 2003. Autumn display in the Caucasian Black Grouse *Tetrao mlokosiewiczi* – observations in the Kazbegi Reserve, Georgia. Grouse News 26:11-12.

Klaus, S., and A. V. Vitovich. 2006. Clarifying the status of the Caucasian Black Grouse *Tetrao mlokosiewiczi* – methodical approach. Grouse News 31:11-15.

Klaus, S., J. Wiesner, and O. A. Vitovich. 1990. Territorial and courtship behaviour of the Caucasian Black Grouse. Proceedings of the 4th. International Grouse Symposium Pp.36-42.

Klaus, S., and B. Wilhelm. 2002. Die Bedeutung der Hochmoore des Mittleren Thueringer Waldes fuer den Schutz des Birkhuhns (*Tetrao tetrix*). [The

importance of high moors of the central Thuringian Forest for the protection of the Capercaillie (*Tetrao tetrix*).] Naturschutzreport 19:91-100. (in German).

Klejnotowski, Z., Z. Dabrowski, and Z. Pilch. 1985. Wood Grouse (*Tetrao urogallus* L.) in the forests of forest division Wymiarki (Ozlp-Zielona Gora). Roczniki Akademii Rolniczej w Poznaniu 169:69-76.

Klejnotowski, Z., and S. Sikora. 1992. [Habitat changes on tooting-grounds of *Lyrurus tetrix* in Bory Dolnoslaskie.] Wyzsza Szkola Pedagogiczna, Slupsk:67-70. (in Polish).

Klejnotowski, Z., and S. Sikora. 1995. [Biotops and breeding places of Black Grouse (*Lyrurus tetrix* L.) in Poland.] Roczniki Akademii Rolniczej w Poznaniu 275:3-17. (in Polish with English summary).

Kling, T. 1987. Untersuchungen zur Verhaltensentwicklung des Birkhuhns (*Tetrao tetrix*): ein Vergleich verschiedener Anzuchtformen. [Investigations to the behavior development of the Black Grouse (*Tetrao tetrix*): a comparison of different rearing forms.] Ph. D. Dissertation. Ulm University. (in German).

Kniewasser, M. 2003. Verbreitung und Biotope von Auer– und Birkwild. Auer– und Birkwild im Bundesland Salzburg. [Spreading and biotopes of Capercaillie and Black Grouse. Capercaillie and Black Grouse in the Federal state Salzburg.] Diplomarbeit, Universität für Bodenkultur Wien, 99 pp. (in German).

Koeltringer, C., G. Sodeikat, and E. Curio. 1995. Anti-predator behaviour of Black Grouse as influenced by hen-rearing versus hand-rearing. Proceedings of the 6th. International Grouse Symposium. Pp. 81-83.

Koivisto, I. 1965. Behavior of the Black Grouse, *Lyrurus tetrix* (L.), during the spring display. Ph. D. Dissertation, University of Helsinki. Finnish Game Research, Helsinki. 26:1-60.

Koivisto, I., and M. Pirkola. 1961. [Behavior and numbers of Capercaillie and Black Grouse on display grounds.] Suomen Riista 14:53-64. (in Finnish with English summary).

Kohl, S. 1970. The Black Grouse in the Caliman Mountains. Vinat. Pesc. Sportiv. 1970(10):22.

Kohl, S., and A. Stollman. 1968. Differences in the skeletal structure of the Carpathian Wood Grouse *Tetrao urogallus rudolfi* and *Tetrao urogallus major*. Zoologicke Listy 17:237-244

Kohts, A. E. 1958. A female-feathered cock Capercailzie *Tetrao urogallus*. Ibis 100:280-281.

Kokes, O., and R. Wolf. 1978. [Relation of Capercaillie and pine martin in game management. Folia Venatoria 8:237-251. (in Czech with English summary).

Kokko, H., and J. Lindstrom. 1996. Kin selection and the evolution of leks: whose success do young males maximize? Proceedings of the Royal Society B: Biological Sciences 263:919-923.

Kokko, H., J. Lindstrom, R, Alatalo, and P. Rintamaki. 1998. Queing for territory positions by Black Grouse (*Tetrao tetrix*). Behavioral Ecology 9:376-383.

Kokko, H., P. T. Rintamaki, R. V. Alantalo, J. Hoglund, E. Karvonen, and A. Lundberg. 1999. Female choise selests for lifetime lekking performance in Black Grouse males. Proceedings of the Royal Society of London 266:2109-2115.

Kolanko, J. 1967. [Autumn sexual activity of Capercaillie.] Notatki Orn. 8:85. (in Polish).

Kolb, K.-H. 1996. Die Situation des Birkhuhns (*Tetrao tetrix*) in der Bayerische Rhön gestern und heute. [The situation of the Black Grouse (*Tetrao tetrix*) in the Bavarian Rhoen yesterday and today.] NNA-Berichte 9:32-42. (in German).

Kolb, K.-H. 2000. Are umbrella and target species useful instruments in nature conservation? Experiences from a Black Grouse habitat in the Rhon Biosphere Reserve. Cahiers d'Ethologie 20:481-504.

Kolb, K.-H. 2005. The magic square in Black Grouse (*Tetrao tetrix*) conservation – influence of climate, habitat, predation and disturbance on the Black Grouse population in the Rhoen Biosphere Reserve. Pp. 86-96 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Kolstad, M., T. Bo., and P. Wegge. 1985. [Habitat ecology of Black Grouse during spring and summer in southeast Norway.] Meddelelser fra Norsk Viltforskning 13:1-46 (in Norwegian with English summary).

Kormann, U. G. 2009. Landscape genetics in Capercaillie (*Tetrao urogallus* L.): combining direct and indirect methods to quantify dispersal and functional connectivity in a mountain landscape. Ph. D. Dissertation. University of Berg.

Korsch, J. 1985. About the influence of predator-control on the Capercaillie population in two reviere of the Black Forest. Allgemeine Forst und Jagdzeitung 156:106-111.

Kortland, K. 2003. Multi-scale forest habitat management for Capercaillie. Scottish Forestry, 2003. 57(2):91-96.

Kortland, K. 2004. Decline halted in Scottish Capercaillie. Grouse News 28:6-7.

Kortland, K. 2005. Capercaillie in Scotland - halting the decline. Scottish Bird News 75:13-15

Kortland, K. 2008. Capercaillie conservation in the state forests of Scotland. Grouse News 35:7-10.

Kortland, K. 2008. Management factors influencing Capercaillie (*Tetrao urogallus*) lek persistence in Scotland. M. Sc. Thesis. Aberdeen University. 43pp.

Kortland, K., and G. Findlay. 2010. Two Capercaillie leks in novel habitat in Scotland. Grouse News 40:16-19.

Koskimies, J. 1957. Flocking behaviour in Capercaillie, *Tetrao urogallus* (L.), and Blackgame, *Lyrurus tetrix* (L.). Finnish Game Research 18:1-32.

Koskimies, J. 1958. Seasonal, geographical and yearly trends in the weight of Capercaillie (*Tetrao urogallus*) and Blackgame (*Lyrurus tetrix*) in Finland. Ornis Fennica 35:1-18.

Kostron, K., and J. Hromas. 1968. Verbreitung und Bestandszahlen der Waldhühner im Riesengebirge und Altvatergebirge. [Black Grouse, Capercaillie, and Hazel Grouse in Bohemia and Moravia]. European Journal of Wildlife Research 14:145-152. (in German with English summary).

Kothbauar-Hellmann, R., H. Zeiler, F. Meran, and H. Fladenhofer. 2003. Ueber Territorialitaet und Dominanz balzender Auerhaehne (*Tetrao urogallus* Linnaeus 1758). [Territoriality and dominance of displaying male Capercaillie (*Tetrao urogallus* Linnaeus 1758).] Egretta 46:147-155. (in German with English summary).

Kovjazin, V. I., Kh. A. Mikhelson, and Ya. A. Viksne. 1982.]Movements of Galliformes. Black Grouse, *Lyrurus tetrix*.] Pp. 203-205 In: [Migrations of birds of eastern Europe and northern Asia. Falconiformes-Gruiformes.] (in Russian with English summary).

Kratiuk, O., and O. Polischuk. 2008. [The influence of berry-producing plants on habitat distribution of Capercaillie *Tetrao urogallus* L. in central Polissya.] Naukovy Visnik Uzhgorodskoho Universitety Seriya Biologiya 23:62-65. (in Ukrainian).

Kruger, T. 2004. Die Auswirkungen des Waldsterbens und der Einfluss weiterer Faktoren auf die Populationsschwankungen des Birkhuhnes (*Tetrao tetrix* L.) im sächsischen Erzgebirge auf Grundlage einer Luftbildanalyse. [The effects of the forest dying and the influence of further factors on the population fluctuations of

the Black Grouse (*Tetrao tetrix* L.) in the Saxonian ore mountains on basis of an aerial photograph analysis]. Ph. D. Thesis. University of Dresden. (in German).

Kruger, T., and S. Herzog. 2000. Development of the Black Grouse (*Tetrao tetrix* Linne) populations in Sachsen between 1980 and 2000. Cahiers d'Ethologie 20:323-332.

Kruger, T., and S. Herzog. 2000. Zur Entwicklung des Birkhuhnbestandes (*Tetrao tetrix* Linné) im sächsischen Erzgebirge von 1980 bis 2000. [Development of the Black grouse (*Tetrao tetrix* Linné) populations of the northern Ore Mountains between 1980 and 2000. European Journal of Wildlife Research 46:180-187. (in German with English summary).

Kruijt, J. P. 1962. Black Grouse mating behavior. Levande Nat. 65:145-156, 181-195.

Kruijt, J. P., and G. T. de Vos. 1988. Individual variation in reproductive success in male Black Grouse, *Tetrao tetrix* L. Pp. 279-290 IN: Reproductive success. Studies of individual variation in contrasting breeding systems.

Kruijt, J. P., G. T. de Vos, and I. Bossema. 1972. The arena system of Black Grouse. Proceedings of the 15th. International Ornithological Congress 1970:399-423.

Kruijt, J. P., and J. A. Hogan. 1964. Organization of the lek in Black Grouse. Archives Neerlandaises de Zoologie 16(1):156-157.

Kruijt, J. P., and J. A. Hogan. 1967. Social behavior on the lek in Black Grouse *Lyrurus tetrix tetrix* (L.). Ardea 55:203-240.

Kruse, M. 1975. Untersuchungen zum Verhalten von Auerwild (*Tetrao urogallus*) in der Gefangenschaft im Hinblick auf Probleme der Haltung und Wiedereinbürgerung in freier Wildbahn. [Investigations to the behavior of Capercaillie (*Tetrao urogallus*) in the captivity regarding problems of the attitude and renaturalization in free game course.] Thesis. Univ., Examensarbeit—Kiel. (in German).

Krzywinski, A. 2005. New method of breeding Black Grouse for reintroduction programme. Pp. 100-103 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Krzywinski, A., M. Keller, and K. Krzywinski. 2009. New methods for preservation of genetic diversity of Black Grouse, *Tetrao tetrix*: preliminary results. Folia Zoologica 58:150-158.

Kucera, L. 1975. Verbreitung und populationdichte von Auerhuhn (*Tetrao urogallus*), Birkhuhn (*Lyrurus tetrix*) und Haselhuhn (*Tetrastes bonasia*) im westlichen Teil von Sumava (CSSR). [Range and population size of Capercaillie (*Tetrao urogallus*), Black Grouse (*Lyrurus tetrix*) and Hazel Grouse (*Tetrastes bonasia*)

in the western part of Sumava (CSSR).] Ornithologosche Mitteilungen 27:160-169. (in German).

Kunz, A. 2004. Historische Verbreitung, Bestand und Aussterben des Auerhuhns (*Tetrao urogallus*) im Westerwald im 19. Jahrhundert. [The historical distribution, stock size and dying out of the Capercaillie (*Tetrao urogallus*) in the Westerwald (Rhineland-Palatinate) in the 19th century.] Fauna und Flora in Rheinland-Pfalz 10:509-526. (in German with English summary).

Kurhinen, J., P. Danilov, A. Gromtsev, P. Helle, and H. Linden. 2009. Patterns of Black Grouse, *Tetrao tetrix* distribution in northwestern Russia at the turn of the millennium. Folia Zoologica 58:168-172.

Kurki, S. 1997. Spatial variation in the breeding success of forest grouse: the role of predation in fragmented boreal forest landscapes. Ph. D. Thesis.

Kurki, S., P. Helle, H. Linden, and A. Nikula. 1997. Breeding success of Black Grouse and Capercaillie in relation to mammalian predator densities on two spatial scales. Oikos 79:301-310.

Kurki, S., and H. Linden. 1993. The effect of forest area on grouse densities obtained in wildlife triangle censuses. Suomen Riista 39:61-73.

Kurki, S., and H. Linden. 1995. Forest fragmentaion due to agriculture affects the reproductive success of the ground nesting Black Grouse. Ecography 18:109-113.

Kurki, S., A. Nikula, P. Helle, and H. Linden. 1997. Landscape-dependent breeding success of forest grouse in Fennoscandia. Wildlife Biology 3:295. Abstract only.

Kurki, S., A. Nikula, P. Helle, and H. Lindén. 1998. Forest fragmentation modifies interspecific interactions: increased predation by red fox on forest grouse. Environmental Forest Science : 173-174.

Kurki, S., A. Nikula. P. Helle, and H. Lindén. 2000. Landscape fragmentation and forest composition effects on grouse breeding success in boreal forests. - Ecology 81: 1985-1997.

Kutnar, L., and M. Cas. 2003. Vegetacijske razmere na izbranih rastiscih divjega petelin (*Tetrao urogallus* L.) v vzhodnih Karavankah in vzhodnih Kamnisko - Savinjskih Alpah : zakljucno porocilo raziskave. (in Slovenian).

Kutnar, L., M. Urbančič, and M.Čas. 2005. Ohranjenost gozdnih tal in vegetacije v habitatu divjega petelina v vzhodnih Karavankah in vzhodnih Kamniško-Savinjskih Alpah. [Preservation of forest soil and vegetation in the Capercaillie

(*Tetrao urogallus* L.) habitat within the eastern Karavanke region and the eastern Kamnik-Savinja Alps in Slovenia.] Zb. gozd. lesar. 77:5-42. (in Slovenian).

Kutscha, R. 2007. Das Birkhuhn auf der Teichalm–Sommeralm. Lebensraum. Rückgangsursachen. Habitatmanagement. [The Capercaillie on the Teichalm Sommeralm. Habitat. Decrease causes. Habitat management.] Diplomarbeit Universität für Bodenkultur, Wien, 111 pp. (in German).

Kutubidze, M. 1961. Ecology and distribution of Caucasian Black Grouse within Georgia. Proceedings of the Institute of Zoology, Academy of Science, Georgia. 18:4-40. (in Georgian).

Kuz'mina, M. A. 1992. Tetraonidae and phasianidae of the USSR. Translated by P. M. Rao and D. Siegel-Causey. Smithsonian Institution Libraries and The National Science Foundation, Washington, DC.

Kvålsgard, T. 2002. Daytime spacing and habitat use of male Capercaillie (*Tetrao urogallus*) during spring in a Russian forest reserve. Institutt for biologi og naturforvaltning, Norges landbrukshøgskole, 44pp.

Kvasnes, M. A. J., and T. Storaas. 2007. Effects of harvesting regime on food availability and cover from predators in Capercaillie (*Tetrao urogallus*) brood habitats. Scandinavian Journal of Forest Research 22:241-247.

Kvasnes, M. A. J., T. Storaas, H. C. Pedersen, S. Bjork, and E. B. Nilsen. 2010. Spatial dynamics of Norwegian tetraonid populations. Ecological Research 25:367-374. (Black Grouse, Capercaillie, Willow Ptarmigan, Rock Ptarmigan).

Kyselyuk, O. I. 2002. [Records of the Black Grouse and the Eagle Owl in the Carpathian National Park.] Berkut 11(2):147. (in Ukrainian with English summary).

Labutin, Yu. V., and A. E. Pshennikov. 1993. Trophic relations of the great grouse (*Tetrao parvirostris*) in Yakutia: pattern of winter nutrition and effect of birds upon the stands' shaping. Ekologiya 4:71-76.

Lack, D. 1939. The display of the Black Cock. British Birds 32:290-303.

Laffly, D. 1997. Ecologie, teledetection et SIG: les ecotopes du grand tetras dans le Haut-Jura. [Ecology, remote sensing and GIS: ecotopes of the capercaille in the High Jura.] Mappemonde 97:27-30. (in French with English abstract).

Lakka, J., and J. Kouki. 2009. Patterns of field layer invertebrates in successional stages of managed boreal forest: Implications for the declining Capercaillie *Tetrao urogallus* L. population. Forest Ecology and Management 257:600-607.

Lambie, B. 1988. Capercaillie capers. Scottish Wildlife 6:6-7.

Lampila, P., E. Ranta, M. Monkkonen, H. Linden, and P. Helle. 2011. Grouse dynamics and harvesting in Kainuu, northeastern Finland. Oikos XXX:XXX-XXX (online early). (Capercaillie, Black Grouse, Hazel Grouse, Willow Grouse).

Lande, K. 2002. Spacing patterns and annual range use of Capercaillie *Tetrao urogallus* in a pristine taiga forest in NW Russia. Institutt for biologi og naturforvaltning, Norges landbrukshøgskole, 44pp.

Lande, U. S. 2011. Grouse – habitat relationships: monitoring, scale, and management. Ph. D. Dissertation. Swedish University of Agricultural Sciences. 46pp. (Capercaillie, Black Grouse, Willow Ptarmigan).

Lande, U. S., I. Herfindal, M. H. Finne, and L. Kastdalen. 2010. Use of hunters in wildlife surveys: does hunter and forest grouse habitat selection coincide? European Journal of Wildlife Research 56:107-115. (Black Grouse, Capercaillie).

Lande, U. S., L. Kastdalen, M. Finne, D. V. Schuler, and G. Fjone. 2005. Combining satellite data and resource selection functions for large scale mapping of wildlife species – preliminary results for Capercaillie and Black Grouse. 31st. International Symposium of Remote Sensing of Environment. Saint Petersburg, Russia. Pp. 747-750.

Landesanstalt fur Okologie, Nordrhein-Westfalen [National institute fur Ecology, North Rhine-Westphalia]. 1980. Birkhuhn (*Lyrurus tetrix*) soll wieder heimisch werden. In NRW ausgestorben - Wiederansiedlung wird vorbereitet - Kontrolle durch Sender. [Black Grouse (*Lyrurus tetrix*) is to become again resident. In North-Rhine/Westphalia become extinct - resettlement is prepared - control by transmitters.] Ornithologische Mitteilungen 32(2):46-48. (in German).

Lanz, M., and K. Bollmann. 2008. Eigenschaften der Schlaf-, Ruhe- und Äsungsbäume des Auerhuhns *Tetrao urogallus* im Waldreservat Amden. [Characteristics of individual trees selected by Western Capercaillie *Tetrao urogallus* for roosting, resting and feeding - A study at a forest reserve in the Swiss Prealps.] Ornithologische Beobachter 105:63-75. (in German with English summary).

Larionov, G. P. 1962. The ecology of Black Grouse in Central Yakutia Referat. Zhur., Biol., 1962, No. 4I168. (Translation). Uch Zap Yakutsk Univ. 12:126-130.

Larionov, G. P. 1965. [On biology of the Black-billed Capercaillie and the Hazel Grouse in the central Yakutia.] Uchen. Zap. yakutsk. gos. Univ. 15:91-96. (in Russian).

Larsen, B. B., and P. Wegge. 1985. Habitat characteristics of territorial Capercaillie

cocks during spring and summer as determined by radio telemetry. Proceedings of the 3rd. International Grouse Symposium Pp.236-246.

Larsen, B. B., P. Wegge, and T. Storass. 1982. Spacing behaviour of Capercaillie cocks during spring and summer as determined by radio telemetry. Proceedings of the 2nd. International Grouse Symposium, World Pheasant Association pp.124-130.

Larsen, R. T. F., and W. A. Newlands. 1977. Reintroduction of the Capercaillie *Tetrao urogallus* into the Gran Paradiso National Park, Italy. World Pheasant Association Journal 2:62-73.

Larsson, J. K. 2005. Population fragmentation and genetic variation in grouse. Ph.D. Dissertation. Uppsala University.

Larsson, J. K., H. A. H. Jansman, G. Segelbacher, J. Hoglund, and H. P. Koelewijn. 2008. Genetic impoverishment of the last Black Grouse (*Tetrao tetrix*) population in the Netherlands: detectable only with a reference from the past. Molecular Ecology 17:1897-1904.

Lauper, S. 2006. Méthode d'évaluation des biotopes à grand tétras et de la qualité écologique des forêts de montagne: travail de diploma. [Method of evaluation of the biotopes with Capercaillie and the ecological quality of the forests of mountain: work of diploma.] Ecole d'ingénieurs de Lullier. (in French).

Lavin, S., R. Cuenca, I. Marco, R. Velarde, and L. Vinas. 1992. Haematology and blood biochemistry of Capercaillie (*Tetrao urogallus*). Avian Pathology 21:711-715.

Lebreton, P., and I. Girard. 2006. Étude écologique des galliformes de montagne : Compléments méthodologiques. [Complements on the sampling and the effects of exposition concerning Galliform birds studied in Vanoise.] Travaux scientifiques du Parc national de la Vanoise 23:147-158. (in French with English summary). (Rock Ptarmigan, Hazel Grouse, Black Grouse).

Lebigre, C. 2008. Mating behaviour of the Black Grouse - genetic characteristics and physiological consequences. Ph. D. Dissertation. University of Jyvaskyla. 36pp.

Lebigre, C., R. V. Alatalo, H. E. Forss, and H. Siitari. 2008. Low levels of relatedness on Black Grouse leks despite male philopatry. Molecular Ecology 17:4512-4521.

Lebigre, C., R. V. Alatalo, J. Kilpimaa, V. Staszewski, and H. Siitari. 2011. Leucocyte counts variation and measures of male fitness in the lekking Black Grouse. Journal of Ornithology XXX:XXX-XXX (online early).

Lebigre, C., R. V. Alatalo, and H. Siitari. 2006. Why do Black Grouse females not mate multiply? Journal of Ornithology 147(5):200, Suppl. 1. (Abstract only).

Lebigre, C., R. V. Alatalo, and H. Siitari. 2010. Female-biased dispersal alone can reduce the occurrence of inbreeding in Black Grouse (*Tetrao tetrix*). Molecular Ecology 19:1929-1939.

Lebigre, C., R. V. Alatalo, H. Siitari, and S. Parri. 2007. Restrictive mating by females on Black Grouse leks. Molecular Ecology 16:4380-4389.

Leclercq, B. 1984. Dynamique des populations de Grand Tétras (*Tetrao urogallus*) dans le Haut-Jura. [Dynamics of the populations of Capercaillie (*Tetrao urogallus*) in the High-Jura.] Gibier Faune Sauvage 3:21-35. (in French).

Leclercq, B. 1987. Influence de quelques pratiques sylvicoles sur la qualité des biotopes à Grand Tétras (*Tetrao urogallus*) dans le massif du Jura. [Influence of some forestry practices on the quality of the biotopes with Capercaillie (*Tetrao urogallus*) in the solid mass of the Jura.] Acta Oecologica 8:237-246. (in French)

Leclercq, B. 1988. Premières données sur la comparaison de la dynamique des populations de Grand tétras (*Tetrao urogallus*) et de Gélinottes des bois (*Bonasa bonasia)* d'un même massif forestier du Haut-Jura. [Preliminary data on the dynamics of a Capercaillie (*Tetrao urogallus*) populationto a Hazel Grouse (*Bonasa bonasia*) population in the same forested mountain range in the high Jura France.] Gibier Faune Sauvage 5:273-288. (in French with English abstract).

Leclerq, B. 2008. Le Grand Tetras *Tetrao urogallus* dans le Jura francais : historique et statut actuel. [The Capercaillie *Tetrao urogallus* in the Jura mountains: history and current status.] Ornithos 15:256-265. (in French with English summary).

Lefranc, N., and F. Preiss. 2008. Le Grand Tetras *Tetrao urogallus* dans les Vosges: historique et statut actuel. [The Capercaillie *Tetrao urogallus* in the Vosges: history and current status.]. Ornithos 15(4):244-255. (in French with English summary).

Lehn, L. O. 2002. Habitat use of Capercaillie (*Tetrao urogallus*) broods in a fragmented coniferous forest in southeast Norway. M. Sc. Thesis. Agricultural University of Norway. 40pp.

Leitl, R. 2009. [Natura 2000-Practical implementation in Special Protected Areas (SPA) in forests.] Ornithologischer Anzeiger 48:67-70. (Capercaillie). (in German with English summary).

Leitl, R. 2009. [A method for the census and evaluation of Capercaillie populations in Special Protected Areas, as exemplified by the SPA "Grosser und Kleiner Arber mit Schwarzeck"] Ornithologischer Anzeiger 48:71-79. (in German with English summary).

Lennerstedt, I. 1966. Egg temperature and incubation rhythm of a Capercaillie (*Tetrao urogallus* L.) in Swedish Lapland. Oikos 17:169-174.

Leonard, P. 1987. [A survey of sensitive areas for the Black Grouse in the Hautes-Alpes department [*Lyrurus tetrix*]]. Bulletin Mensuel de l'Office National de la Chasse 109:17-22. (in French).

Leonard, P. 1988. [Test of aeroplane efficacy in the search for Black Grouse by radiolocation [*Tetrao (Lyrurus) tetrix*]]. Bulletin Mensuel de l'Office National de la Chasse 128:19-21. (in French).

Leonard, P. 1991. [Study of decrease causes of Black Grouse [*Lyrurus (Tetrao) tetrix*] in the Ristolas commune (Hautes-Alpes, France).] Bulletin Mensuel de l'Office National de la Chasse 157:23-27. (in French).

Letov, G. S., and K. A. Bashanov. 1976. [The distribution and abundance of grouse in the Tuva-ASSR.] Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii. 81:51-54. (in Russian with English summary).

Leu, T. 2003. Winter time-budget and energetics of free-ranging Black Grouse *Tetrao tetrix* enduring human disturbance. Ph. D. Dissertation. University of Bern.

Li, D.-M., L.-H. Sun, S.-P. Gao, and Y.-F. Wu. 2004. [Galliformes distribution in Hebei Province based on RS and GIS techniques.] Zoological Research 25:304-310. (in Chinese with English summary).

Lienert, S., F. Rüegg, R. Hess, and P. Mollet. 2004. Waldreservate und Auerhuhn. [Forest reservations and Capercaillie.]. Schweizerischer Forstverein Reihe Vernetzung Nr. 2, 8 pp. (in German).

Liepa, V., E. Racinskis, A. Kalvans, and H. Hofmanis. 2003. Rubeņu *Tetrao tetrix* aizsardzības plāns Latvijā. [Black Grouse *Tetrao tetrix* conservation plan for Latvia.]. (in Latvian with English summary).

Lieser, M. 1996. Zur Nahrungswahl des Auerhuhns *Tetrao urogallus* im Schwarzwald. [Food of the capercaillie *Tetrao urogallus* in the Black Forest.] Ornithologische Beobachter 93:47-58. (in German).

Lieser, M. 2009. [Basic scientific research and recommendation guidelines for the protection of the Capercaillie in the Black Forest.] Ornithologischer Anzeiger 48:80-82. (in German with English summary).

Lieser, M., P. Berthold, and G. A. Manley. 2005. Infrasound in the Capercaillie (*Tetrao urogallus*). Journal of Ornithology 146:395-398.

Lieser, M., P. Berthold, and G. A. Manley. 2005. Infrasound in the flutter jumps of

the Capercaillie (*Tetrao urogallus*): apparently a physical by-product. Journal of Ornithology 147:507-509.

Lieser, M., A. Flender, B. Scherer, and H. Schonhart. 2000. Zum Populationsrueckgang des Auerhuhns (*Tetrao urogallus*) im oestlichen Schwarzwald. [The population decline of the Capercaillie (*Tetrao urogallus*) in the eastern Black Forest.] Mitteilungen des Badischen Landesvereins fuer Naturkunde und Naturschutz e.V. Freiburg im Breisgau 17:619-629. (in German with English summary)

Lieser, M., K.-E. Schroth, and P. Berthold. 2005. Ernaehrungsphysiologische Aspekte im Zusammenhang mit der Auswilderung von Auerhuehnern *Tetrao urogallus*. [Aspects of nutritional physiology related to release projects with Capercaillies *Tetrao urogallus*.] Ornithologische Beobachter 102:97-108. (in German with English summary).

Lieser, M., T. Toepfer, K.-E. Schroth, and P. Berthold. 2006. Energitische Beurteilung von Koniferennadeln als Winternahrung von Auerhuehnern *Tetrao urogallus*. [Energetic value of conifer needles as winter food of the capercaillie *Tetrao urogallus*.] Oekologie der Voegel 28:1-29. (in German with English summary).

Limbert, M. 1987. A summary of records of Black Grouse in the Thorne region. Yorkshire Naturalists Union Bulletin 1987:2-6.

Limbert, M. 1992. Records of Black Grouse on the Yorkshire-Lincolnshire border. Thorne & Hatfield Moors Papers 3:77-8.

Lindahl, P., and V. Marcstrom. 1957. On the body temperature of *Tetrao urogallus* Lin. at hatching, and its immediately following drop. Acta Zoologica 37:43-52.

Linden, H. 1981. Changes in Finnish tetraonid populations and some factors influencing mortality. Finnish Game Research 39:3-12.

Linden, H. 1981. Estimation of juvenile mortality in the Capercaillie, *Tetrao urogallus*, and the Black grouse, *Tetrao tetrix*, from indirect evidence. Finnish Game Research 39:35-51.

Linden, H. 1981. Growth rates and early energy requirements of captive juvenile Capercaillie, *Tetrao urogallus*. Finnish Game Research 39:53-67.

Linden, H. 1981. Hunting and tetraonid populations in Finland. Finnish Game Research 39:69-78.

Linden, H. 1981. Does duration and predictability of the winter affect the wintering success of the Caperciallie *Tetrao urogallus*? Finnish Game Research 39:79-89.

Linden, H. 1982. Artificial feeding and mineral balance of the Black Grouse (*Tetrao

tetrix) in winter. Suomen Riista 29:98-102.

Linden, H. 1983. [Variations in clutch size and egg size of Capercaillie and Black Grouse.] Suomen Riista 30:44-50. (in Finnish with English summary).

Linden, H. 1983. [Estimation of juvenile mortality in the Capercaillie and the Black Grouse from indirect evidence.] Suomen Riista 30:79-89. (in Finnish with English summary).

Linden, H. 1984. The role of energy and resin contents in the selective feeding of pine needles by the Capercaillie. Annals of Zoologica Fennica 21:435-439.

Linden, H. 1984. Annual patterns in the ecological energetics of the Capercaillie in captivity. Finnish Game Research 42:19-27.

Linden, H. 1989. The paradoxically low energy requirements of Capercaillie in winter. Acta XIX Congress International Ornithologists :2490-2499

Linden, H. 1989. [The Capercaillie in winter.] Suomen Riista 35:61-71. (in Finnish with English summary).

Linden, H. 1989. Characteristics of Tetraonid cycles in Finland. Finnish Game Research 46:34-42.

Linden, H., P. I. Danilov, A. N. Gromtsev, P. Helle, E. V. Ivanter, and J. Kurhinen. 2000. Large-scale forest corridors to connect the taiga fauna to Fennoscandia. Wildlife Biology 6:179-188.

Linden, H., and P. Helle. 2003. The rise and fall of Black Grouse populations in Finland since 1860s. Journal of Ornithology 39(Suppl.):113-114.

Lindén, H., A. Laurila, and M. Wikman. 1990. Predictability of the Capercaillie and Black Grouse density of the next year - wisdom after the event. Suomen Riista 36:82-88.

Linden, H., and M. Milonoff. 1991. The consequences of small breast muscles in juvenile cock Capercaillie. Transactions of the 18th. Congress of the International Union of Game Biologists. Pp. 501-504.

Linden, H., M. Milonoff, and M. Wikman. 1984. Sexual differences in growth strategies of Capercaillie *Tetrao urogallus*. Finnish Game Research 42:29-35.

Linden, H., and H. Ouellet. 1988. The paradoxically low energy requirements of Capercaillie in winter. Acta 19 Congressus Internationalis Ornithologici. 19:2490-2499.

Linden, H., and J. Pasanen. 1987. [Capercaillie leks are threatened by forest fragmentation.] Suomen Riista 34:66-76. (in Finnish with English summary).

Linden, H., and J. Pasanen. 1990. Capercaillie leks in fragmented forests. Proceedings of the 4th. International Grouse Symposium.

Linden, H., and P. Rajala. 1981. Fluctuations and long-term trends in the relative densities of tetraonid populations in Finland 1964-1977. Finnish Game Research 39:13-34.

Lindén, H., and V. Sorvoja. 1992. Harvesting grouse in Finland : a detailed analysis of national statistics and an experimental harvesting study in Oulainen. Suomen Riista 38:69-78.

Linden, H., and R. A. Vaisanen. 1986. Growth and sexual dimorphism in the skull of the Capercaillie *Tetrao urogallus* a multivariate study of geographical variation. Ornis Scandinavia 17:85-98.

Lindén, H., and M. Wikman. 1980. Kanahaukan poikuekoon vaihtelusta suhteessa metsakanalintujen runsauteen. [Brood size of the goshawk in relation to tetraonid densities.] Suomen Riista 27:63-69. (in Finnish)

Linden, H., and M. Wikman. 1983. Goshawk predation on Tetraonids: availability of prey and diet of the predator in the breeding season. Journal of Animal Ecology 52:953-968.

Lindén, H., M. Wikman, and E. Helle E. 1989. Metsakanalintukannat 1988 – riistakolmioiden ja reittiarviointien vertailu. [Tetraonid populations in Finland in 1988 : A comparison between the route censuses and the wildlife triangles.] Suomen Riista 35:36-42. (in Finnish).

Linden, H., and T. Teeri. 1985. Genetic differentiation in the Capercaillie, (*Tetrao urogallus*), populations. Hereditas 102:297-299.

Lindley, P., I. Johnstone, and R. Thorpe. 2003. The status of Black Grouse (*Tetrao tetrix*) in Wales in 2002 and evidence for population recovery. Welsh Birds 3:318-329.

Lindley, P., and C. Mellenchip. 2005. What is the tool kit for Black Grouse recovery? Pp. 64-78 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Lindroth, H., and L. Lindgren. 1950. On the significance for forestry of the Capercaillie, *Tetrao urogallus* L., feeding on pine needles. Suomen Riista. 4:60-81.

Lindstrom, E., P. Angelstrom, P. Widen, and H. Andren. 1986. Do predators

synchronize vole and grouse fluctuations? – An experiment. Oikos 48:121-124.

Lindstrom, J. E. 1996. Modelling grouse population dynamics. Ph. D. Dissertation. Helsinki, Finland. 164pp.

Lindstrom, J., E. Ranta, V. Kaitala, and H. Linden. 1995. The clockwork of Finnish tetraonid population dynamics. Oikos 74:185-194.

Lindstrom, J., E. Ranta, and H. Linden. 1996. Large-scale synchrony in the dynamics of Capercaillie, Black Grouse and Hazel Grouse populations in Finland. Oikos 76:221-227.

Lindstrom, J., E. Ranta, M. Linden, and H. Linden. 1997. Reproductive output, population structure and cyclic dynamics in Capercaillie, Black Grouse, and Hazel Grouse. Journal of Avian Biology 28:1-8

Lindstrom, J., P. T. Rintamaki, and I. Storch. 1998. Black Grouse – BWP Update. The journal of birds of the Western Palearctic. Oxford University Press, Oxford, UK. 2:173-191.

Lipkovich, A. D. 1985. [Some data on the biology of the Caucasian Blackcock, the Caucasian Grosbeak and the Red-bellied Redstart in the hills of North Ossetia.]. Pp. 102-105 *IN*: [The study and protection of rare and disappearing species of animals from the USSR.]. Nauka, Moscow. (in Russian).

Lipowski, F. 2005. Pozorovani tetreva hlusce (*Tetrao urogallus*) na Jablunkovsku (Beskydsky bioregion, Ceska republika) v soucasnosti. [Recent observation of Capercaillie (*Tetrao urogallus*) in the surroundings of the town of Jablunkov (Beskydsky biogeographical region, Czech Republic).] Prace a Studie Muzea Beskyd Prirodni Vedy 15:227-228. (in Czech).

Litchfield, J. 1977. Notes on the decline of the Black Grouse population of the Longshaw Estate and Big Moor area. Derbyshire Bird Report 1976:16.

Litun, V. I., and V. N. Smetanin. 1988. [Distribution, abundance and other aspects of the ecology of Galliformes in the southern preBaikal region.] Pp. 44-53 *IN*: [Ecology and behaviour of birds.] Nauka, Moskva. (in Russian) (Hazel Grouse, Rock Ptarmigan, Black Grouse, Siberian Capercaillie).

Liukkonen-Anttila, T. 2002. Captive Grey Partridges and Capercaillies differ vitally from their wild conspecifics. Grouse News 24:12-13.

Liukkonen, T. 2004. No clear mitochondrial DNA structure in the Capercaillie (*Tetrao urogallus*) population in Finland. Grouse News 28:13-15.

Liukkonen, T., J. Bisi, and S. Kurki. 2006. Observations on Capercaillie *Tetrao*

urogallus flocking and mobility – facts or fiction? Grouse News 32:7-11.

Liukkonen, T., J. Bisi, and S. Kurki. 2007. Observations on the flocking and mobility of Capercaillie (*Tetrao urogallus*) – hunter's fairytales or true observations? Ethology Ecology & Evolution 19:245-255.

Liukkonen, T., P. Helle, O. Ratti, L. Kvist, and M. Orell. 2004. Metsopopulaation geneettisestä rakenteesta Suomessa. [Genetic structure of the Capercaillie (*Tetrao urogallus*) population in Finland.] Suomen Riista 50:56-64. (in Finnish).

Liukkonen-Antilla, T., O. Ratti, L. Kvist, P. Helle, and M. Orell. 2004. Lack of genetic structuring and subspecies differentiation in the Capercaillie (*Tetrao urogallus*) in Finland. Annals of Zoologica Fennici. 41:619-633.

Liukkonen-Antilla, T., R. Saartoala, and R. Hissa. 2000. Impact of hand-rearing on morphology and physiology of the Capercaillie (*Tetrao urogallus*). Comparative Biochemistry and Physiology. Part A Molecular and Integrative Physiology 125A:211-221.

Lloyd, I. 2005. "Feathered Edge" – Black Grouse conservation in Forestry Commission Wales, Managed Estate. P. 129 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005. Abstract only.

Lloyd, L. 1867. The game birds and wild fowl of Sweden and Norway. F. Warne & Co. 599pp.

Lobko-Lobanovskif, M. I., and A. F. Zhilin. 1962. On breeding biology of the Kamtschatkan Capercaillie. Ornitologia 5:164-165.

Lobkov, E. G., M. I. Zhukov, and L. A. Zhukova. 1996. [On *Tetrao parvirostris kamchaticus* Kittl. display.] Biulletenj Moskovskogo Obscestva IspytateleiPrirody - Otdel Biologitcheskij Biulletenj Moskovskogo Obscestva IspytateleiPrirody - Otdel Biologitcheskij. 99(6):55-65. (Siberian Capercaillie). (in Russian).

Loneux, M. 2000. Modelling of the climate influence on the Black Grouse population dynamics in Europe. Cahiers d'Ethologie 20:191-216.

Loneux, M. 2000. Modélisations comparées de l'influence du climat sur les fluctuations de populations du tétras lyre (*Tetrao tetrix* L.) en Europe. [Modelings compared of the influence of the climate on the fluctuations of populations of the Black Grouse (*Tetrao tetrix* L.) in Europe.] Ph. D. Dissertation. University of Liege. 184 p. (in French).

Loneux, M. 2000. Compared modelling of climatic influences on Black Grouse population dynamics in Europe – summary of the doctoral thesis. Grouse News

20:9-10.

Loneux, M. 2003. De teruggang van de Korhoen: een slachtoffer van de klimatologische opwarming? [Are climatic changes the cause of the decline of the Black Grouse?] Levende Natuur 104:104-107. (in Dutch with English summary).

Loneux, M. 2006. Global climate warming and decline of the Black Grouse in western Europe: Are predictions reliable? Journal of Ornithology 147(5):203, Suppl. 1. (Abstract only).

Loneux, M. 2009. Collection of papers from the 4th. International Black Grouse Conference. Folia Zoologica 58:133-134.

Loneux, M., K.-H. Kolb, and J. Lindsey. 2005. Modelling the climate effect on Black Grouse population dynamics in Rhon Biosphere Reserve. Pp. 27-35 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Loneux, M., K.-H. Kolb, J.-C. Ruwet, and P. Poncin. 2005. Factors affecting Black Grouse numbers: an overview of the part of predators (short note). Pp. 16-21 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Loneux, M. P. Lambotte, J. K. Lindsey, and J. G. Ruwet. 1996. Influence du climat sur l'évolution de la population de tétras lyres Tetrao tetrix dans les Haute-Fagnes. [Influence of climate on the evolution of the population of Black Grouse *Tetrao tetrix* in the Haute-Fagnes.] *In*: *Tétras lyres*. Ministère de l'Environnement, des Ressources naturelles et de l'Agriculture. Gouvernement wallon. Belgique. pp. 97-147. (in French).

Loneux, M., and J. K. Lindsey. 2003. Climatic modeling of Black Grouse population dynamics: a game or a tool? Sylvia 39(suppl.):43-52.

Loneux, M., J. Lindsey, and J. C. Ruwet. 1997. Influence du climat sur l'evolution de la population de tétras lyre Tetrao tetrix dans les Hautes-Fagne de Belgique de 1967 à 1996. (Influence of the climate on the dynamics of the Black Grouse (*Tetrao tetrix*) population in the Belgian "Hautes Fagnes" from 1967 to 1996.). Cahiers d'Ethologie 17:345-386. (in French).

Loneux, M., J. K. Lindsey, M. Vandiepenbeek, O. Charlet, C. Keulen, P. Poncin, and J.-C. Ruwet. 2003. Climatic influence on Black Grouse (*Tetrao tetrix*) population dynamic in Belgian Hautes-Fagnes Nature Reserve: An update. Poster presented at Prague, 8-12 Sep 2003.

Loneux, M., J. K. Lindsey, M. Vandiepenbeek, O. Charlet, C. Keulen, P. Poncin, and J.-C. Ruwet. 2003. Climatic influence on Black Grouse (*Tetrao tetrix*) population dynamic in Belgian Hautes-Fagnes Nature Reserve: An update. Sylvia

39(suppl.):53-57.

Loneux, M., M. Lutkepohl, J. Wubbenhorst, and J. K. Lindsey. 2005. Modelling the influence of climate on Black Grouse dynamics in Luneburger Heide (North Germany). Pp. 22-26 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Loneux, M., and J. C. Ruwet. 1997. Evolution of black grouse (*Tetrao tetrix*) populations in Europe: an overview. Cahiers d'Ethologie 17:287-343.

Loneux, M., and M. Vandiepenbeeck. 2003. Incidence de la météorologie locale sur les fluctuations de population du tétras-lyre (*Tetrao tetrix*). [Incidence of local meteorology on the fluctuations of population of the Black Grouse (*Tetrao tetrix*).] Publications de l'Association Internationale de Climatologie 15:95-103. (in French).

Lonnberg, E. 1904. On two specimens of "Riporre" with known parentage. Proceedings of the Zoological Society of London 74:411-415**.** (Black Grouse, Willow Ptarmigan).

Lonnberg, E. 1904. Ein Beitrag zur Kenntnis der geographischen Variation des Birkwilds (*Tetrao (Lyrurus) tetrix* L.). [A contribution for the knowledge of the geographical variation of the Black Grouse (*Tetrao (Lyrurus) tetrix* L.).] Ornith. Monber. 12:105-108. (in German).

Lonnberg, E. 1905. Ein weiterer Beitrag zur Kenntniss der geographischen Variation des Birkwildes (*Tetrao-Lyrurus-tetrix*). [A further contribution to knowledge of the geographical variation of the Black Grouse (*Tetrao (Lyrurus) tetrix*).] Ornith. Monber. 13:98-99. (in German).

Lonnberg, E. 1906. On a remarkable Capercaillie (*Tetrao urogallus lugens*). Ibis 48:317-328.

Lonnberg, E. 1925. En marklig Orre (*Lyrurus t. tetrix*). Fauna Och Flora 1925:97-100. (in German).

Lonnberg. E. 1926. Nagra bidrag till kannedomen om vara skogshons, Tetraonidae. [Notes on the external structure and plumages of some of the Tetraonidae.] Fauna och Flora Uppsala 1926:241-255. (in Swedish).

Lonnberg, E. 1927. Einige Beiträge zur Kenntnis unserer Waldhühner,*Tetraonidae*. [Some contributions for the knowledge of our forest grouse, Tetraonidae.] Journal of Ornithology 75:579-596. (in German).

Lonnberg, E. 1927. Tjadertuppens, *Tetrao uregallus* [male], sommardrakt. [Summer plumage of the male Capercaillie, *Tetrao urogallus*.] Fauna och Flora Uppsala

1927:241-243. (in Swedish).

Lonnberg, E. 1932. Nagra ord om den smanabbade tjadern, *Tetrao parvirostris*. Fauna och Flora Uppsala 1932:49-59. (in Swedish).

Lorenz. T. 1889. *Tetrao tetrix* Lin. am Nordabhange des Kaukasus. [*Tetrao tetrix* Lin. at the north slope of the Caucasus]. Journal of Ornithology 37:153-160. (in German).

Lorenz, T. 1891. Ueber *Tetrao tetrix* subspec. *viridanus*. [Over *Tetrao tetrix* subspecies *viridanus*.] Journal of Ornithology 39:366-368. (in German).

Lorenz, T. 1891. Einiges über den v. Herrn V. v. Tschusi beschriebenen seltenen Rackelhahn. Journal of Ornithology 39:405-411. (in German) (Black Grouse x Capercaillie hybrid).

Lorenz, Th. 1907. *Tetrao urogallus lugens* (Lonnberg). Ornith. Monatsber. 15:102-104. (in German).

Loset, R., and W. A. Tandberg. 1987. [Vegetation mapping as an aid in classifying winter habitats in grouse, (*Tetrao urogallus*, *Tetrao tetrix* and *Bonasa bonasia*).] Viltrapport 1987:98-103, 161.

Lovel, T. 1983. Black Grouse in Europe today. Country-Side 25(3):84-87.

Lovel, T. W. I. 1990. The present status of Black Grouse, Grey Partridge, Pheasant and Quail in Europe. The future of wild Galliformes in the Netherlands.|De toekomst van de wilde hoenderachtigen in Nederland.] Pages: 44-48.

Lovel, T. 2005. Hunting grouse in Great Britain. Grouse News 29:11-12.

Lovenbury, G. A., M. Waterhouse, and D. W. Yalden. 1978. The status of Black Grouse in the Peak District. Naturalist 103(944):3-14.

Lowe, P. R. 1934. Remarks on a hybrid Black Grouse x Pheasant. Bulletin of the British Ornithological Club 54:138-140.

Ludwig, G. X. 2007. Mechanisms of population declines in boreal forest grouse. Ph. D. Dissertation. University of Jyvaskyla, Finland. 48pp.

Ludwig, G. X., R. V. Alatalo, P. Helle, H. Linden, J. Lindstrom, and H. Siitari. 2006. Short- and long-term population dynamical consequences of asymmetric climate change in Black Grouse. Proceedings of the Royal Society B. 273:2009-2016.

Ludwig, G. X., R. V. Alatalo, P. Helle, J. Lindstrom, and H. Siitari. 2006. Population level consequences of temporally variable climate change in Black Grouse.

Journal of Ornithology 147(5):26, Suppl. 1. (Abstract only).

Ludwig, G. X., R. V. Alatalo, P. Helle, K. Nissinen, and H. Siitari. 2008. Large-scale drainage and breeding success in boreal forest grouse. Journal of Applied Ecology 45:325-333.

Ludwig, G. X., R. V. Alatalo, P. Helle, and H. Siitari. 2010. Individual and environmental determinants of early brood survival in Black Grouse *Tetrao tetrix*. Wildlife Biology 16:367-378.

Ludwig, G. X., R. V. Alatalo, P. Helle, and H. Siitari. 2010. Individual and environmental determinants of daily Black Grouse nest survival rates at variable predator densities. Annales Zoologici Fennici 46:387-397.

Ludwig, S., and K. Pohlmeyer. 2002. Habitatwahl von Birkhühnern (*Tetrao tetrix* L.) auf dem Schießplatz Rheinmetall in Niedersachsen. [Habitat choice of Black Grouse (*Tetrao tetrix* L.) on the range Rhine metal in Lower Saxony.] Ph. D. Dissertation. University Diplomarbeit – Oldenburg. (in German).

Ludwig, S., G. Sodeikat, and E. Strauss. 2000. Vegetation of a Black Grouse habitat on a firing range in Lower Saxony (Germany). Cahiers d'Ethologie 20:455-460.

Ludwig, T. 2005. Extinction patterns of Black Grouse subpopulations in Lower Saxony and an approach to their current matrix landscape composition. Pp. 36-43 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Ludwig, T. 2008. Landscape change and extinction processes – the case of Black Grouse in lowland Central Europe. Grouse News 35:22-23.

Ludwig, T. 2008. Landscape change and extinction processes - the case of Black Grouse in lowland Central Europe. Ph. D. Dissertation. Freiburg University. 96pp.

Ludwig, T., and I. Storch. 2003. Can landscape change explain Black Grouse declines in central Europe? – A new project. Sylvia 39(suppl.):59-63.

Ludwig, T., and I. Storch. 2003. Can landscape change explain Black Grouse declines in central Europe? – A new project. Grouse News 25:17-18.

Ludwig, T., I. Storch, and S. Gartner. 2009. Large-scale land use change may explain bird species declines in semi-natural areas: the case of Black Grouse population collapse in Lower Saxony, Germany. Journal of Ornithology 150:871-882.

Ludwig, T., I. Storch, and R. F. Graf. 2009. Historic landscape change and habitat loss: the case of Black Grouse in Lower Saxony, Germany. Landscape Ecology 24:533-546.

Ludwig, T., I. Storch, and J. Wubbenhorst. 2008. How the Black Grouse was lost: historic reconstruction of its status and distribution in Lower Saxony (Germany). Journal of Ornithology 149:587-596.

Lugovoy, A. E. 1999. [Prerequisites limiting the number renewal of the Black Grouse in the Carpathians.] Berkut 8:231-232. (in Russian with English summary).

Lukaszewicz, E., A. Kowalczyk, and Z. Rzonca. 2010. Successful semen collection from Capercaillie (*Tetrao urogallus* L.) kept in an aviary system. Ornis Fennica 87:XXX-XXX. (online early).

Lukaszewicz, E., A. Kowalczyk, and Z. Rzonca. 2010. Characteristics of fresh semen of captive-bred Capercaillie *Tetrao urogallus* L. Zoo Biology XXX:XXX-XXX. (online early).

Lumsden, H. G. 1961. The display of the Capercaillie. British Birds 54:256-272.

Lund, H. M.-K. 1954. Nematodes, cestodes and coccidia found in 136 Black Grouse (*Lyrurus tetrix*) in Norway. Oslo : Statens Viltundersøkelser. 42pp.

Lund-Tangen, H. I. 1973. Willow Grouse Black Grouse hybrid shot in Meraeker. Fauna (Oslo) 26:144.

Luqiang, Z., S. Ruyong, Y. Zhencai, W. Yuefeng, and L. Chunqiu. 2000. [Nutrients content in organs of Black Grouse (*Lyrurus tetrix baikallensis*).] Journal of the Beijing Normal University 36:115-117. (in Chinese, with English abstract).

Lütkepohl, M. 1988. Birkhuhn-Bestandsentwicklung im Naturschutzgebiet Lüneburger Heide. [Black Grouse inventory development in the protected area Lueneburger heath.] Möglichkeiten, Probleme und Aussichten der Auswilderung von Birkwild &emdash; Schutz und Status der Rauhfusshühner in Nierdersachsen. Norddeutsche Naturschutzakademie Berichte 1 (2) : 127-128. (in German).

Lütkepohl, M. 1993. Das Birkhuhn (*Tetrao tetrix)* im Naturschutzgebiet Lüneburger Heide - Bestandentwicklung, Schutzmaßnahmen, Lebensräume. [The Black Grouse (*Tetrao tetrix*) in the protected area Lueneburger heath - inventory development, preventive measures, habitats.] Materialen zu Naturschutz und Landschaftspflege 1:27-32. (in German).

Lütkepohl, M. 1995. Die Situation des Birkhuhns im Naturschutzgebiet "Lueneburger Heide". [The situation of the Black Grouse in the protected area "Lueneburger heath".] Naturschutzreport 10:159-165. (in German).

Lütkepohl, M. 1996. Das Birkhuhn in der Lüneburger Heide. [The Black Grouse in the Lueneburger heath.] NNA-Berichte 9:48-53. (in German).

Maas, D. W. 1973. Veldwaarnemingen en voedselanalyses van het korhoen (*Lyrurus tetrix* L.) op de Zuid-Oost Veluwe. [Field perceptions and food analyses of the Black Grouse (*Lyrurus tetrix* L.) on the southeast veluwe.] 97pp. (in Dutch).

MacDonald, D. G. F. 1888. Grouse disease: its causes and remedies. W. H. Allen & Co., London. 229pp.

Macdonald, N. G. 1973. Autumn aggression of Capercaillie. Scottish Birds 5:258.

MacFarlane, J. 2002. Habitat associations of Black Grouse *Tetrao tetrix* broods in a native pinewood forest. M. Sc. Thesis.

MacKenzie, J. M. D. 1952. Fluctuations in the numbers of British Tetraonids. Journal of Animal Ecology 21:128-153.

MacLennon, A., and R. Summers. 2007. Numbers, distribution and habitats of Black Grouse leks in Lochaber. Scottish Birds 27:32-39.

MacMillan, D. C., and K. Marshall. 2004. Optimizing Capercaillie habitat in commercial forestry plantations. Forest Ecology and Management 198:351-365.

Macpherson, H. A. 1897. On the interbreeding of the Red Grouse (*Lagopus scoticus*) and the Black Grouse (*Lyrurus tetrix*). Annals of Scottish Natural History 1897:15-17.

Magnani, Y. 1987. Réflexions sur la dynamique des populations de Tétras lyre *Tetrao tetrix* L. des Alpes françaises. [Reflections on the dynamics of the populations of Black grouse *Tetrao tetrix* L of the French Alps. Ph. D. Thesis. University of Claude Bernard, Lyon. (in French).

Magnani, Y. 1988. Sélection de l'habitat de reproduction et influence de l'évolution des pratiques sylvo-pastorales sur la population de Tetras Lyre (*Tetrao tetrix* L.) de la réserve des Frêtes (Haute-Savoie). [Selection of the habitat of reproduction and influence of the evolution of the grazing practices on the population of Black Grouse (*Tetrao tetrix* L.) reserve of Frêtes (Haute-Savoie).] Gibier Faune Sauvage 5:289-307. (in French).

Magnani, Y., M. H. Cruveille, R. Huboux, P. Collard, P. Roche, and P. Longchamp. 1992. [Between Rhone and Rhine rivers: Capercaillie and Hazel Hens (*Tetrao urogallus*, *Tetrastes bonasia*)]. Bulletin Mensuel de l'Office National de la Chasse 162:9-16. (in French).

Magnani, Y., P. Sibut, and M. H. Cruveille. 1990. [Status of Black Grouse in Isere (France) [*Tetrao (Lyrurus) tetrix*]]. Bulletin Mensuel de l'Office National de la Chasse 151:9-16. (in French).

Makinen, T., A. Pyornila, A. Putaala, and R. Hissa. 1997. Effects of captive rearing on Capercallie *Tetrao urogallus* physiology and anatomy. Wildlife Biology 3:294. Abstract only.

Maki-Petays. H. T. 2007. Conservation and management of populations in a fragmented forest landscape: Behavioural ecology meets population genetics. Ph. D. Dissertation. Oulun Yliopisto (Finland). 51 pages.

Maki-Petays, H., and M. Orell. 2005. Conservation of genetic biodiversity in a changing landscape, with special reference to Capercaillie (*Tetrao urogallus*) in Finland. *In*: A. Jalkanene and P. Nygren (Eds.). 2005. Sustainable use of renewable natural resources – from principles to practices. University of Helsinki, Department of Forest Ecology Publication 34.

Maki-Petays, H., J. Corander, J. Aalto, T. Liukkonen, P. Helle, and M. Orell. 2007. No genetic evidence of sex-biased dispersal in a lekking bird, the Capercaillie (*Tetrao urogallus*). Journal of Evolutionary Biology 20:865-873.

Malafeev, Y. M. 1970. [Characteristics of the nesting of the Capercaillie in 1969 in the southern taiga of the Sverdlovsk region.] Ekologiya 1(3):76-78. (in Russian).

Malafeev, Y. M. 1971. Dynamics of mating places extent of Black Grouse in the Sverdlosk district. Ekologiya 6:87-88.

Malkova, P., V. Bejcek, K. Stastny, P. Simova, and H. Tomsova. 2000. Ecology of the Black Grouse (*Tetrao tetrix*) on the Gruenwald Peat Bog in the Krusne Hory Mts. Cahiers d'Ethologie 20:421-438.

Malkova, P., and P. Prochazka (eds). 2003. Proceeding of the European Conference Black Grouse – endangered species of Europe. Prague, 8-12 September 2003. Sylvia 39 (supplement):1-128.

Malkova, P., K. Stastny, and V. Bejeck. 2001. Present distribution and numbers of Black Grouse in the Czech Rebublic. Grouse News 21:1-3

Malkova, P., K. Stastny, and V. Bejeck. 2001. Capercaillie in the Czech Republic. Grouse News 21:3-5.

Malmqvist, B., P. H. Adler, U. Ojanen, O. Ratti, K. Kuusela, and P. Helle. 2002. Blood feeding by black flies (Diptera: Simuliidae) on Black Grouse (*Tetrao tetrix*) in Finland. Entomologica Fennica 13:153-158.

Mamontov, V. N. 2009. Preference coefficient and its use for assessing the quality of habitats for wild animals. Russian Journal of Ecology 40:143-145. (Capercaillie).

Mani, P., G. Rossi, M. Folliero, and M. Bagliacca. 1997. Cases of spirochete-associated necrotizing typhlitis in captive Black Grouses (*Lyrurus tetrix*). ANNALI-FACOLTA DI MEDICINA VETERINARIA PISA 50:363-372.

Manley, G. A., M. Lieser, and P. Berthold. 2011. Studies of infrasound production and perception by the Capercaillie (*Tetrao urogallus*): a reply to Freeman and Hare. Journal of Ornithology 152:817-818.

Manvelyan, K. 2004. Captive management of the Caucasian Black Grouse (*Tetrao mlokosiewicsi*) in the Armenian Centre for Biodiversity Conservation. Grouse News 27:6-9

Marchlewski, J. 1948. [The distribution of Capercaillie, Black Grouse and Hazel Grouse in Poland.] Documenta Physiogr. Polon. 13:1-53. (in Polish with English summary).

Marchlewski, J. H. 1955. Rearing of the Capercaillie in captivity. Aviculturalist Magazine 61:288-290.

Marco, I., M. Domingo, and S. Lavin. 2000. Mycobacterium infection in a captive-reared Capercaillie (*Tetrao urogallus*). Avian Diseases 44:227-230.

Marcstrom, V. 1960. Studies on the physiological and ecological background to the reproduction of the Capercaillie (*Tetrao urogallus* Lin.). 85pp. Ph. D. Dissertation. Uppsala, Sweden.

Marcstrom, V. 1960. Studies on the physiological and ecological background to the reproduction of the Capercaillie (*Tetrao urogallus* Lin.). Viltrevy 2:1-69.

Marcstrom, V. 1966. Mallard ducklings (*Anas platyrhynchos* L.) during the first days after hatching: a physiological study with ecological considerations and a comparison with Capercaillie chicks (*Tetrao urogallus* L.). Viltrevy 4,5:343-370.

Marcstrom, V. 1982. To standardize description of woodland grouse habitat. Pp. 154-155 In: Proceedings of the Second International Symposium on Grouse, Edinburgh, Scotland. March 16th - 20th, 1981.

Marcstrom, V., R. E. Kenward, and E. Engrem. 1988. The impact of predation on boreal Tetraonids during vole cycles: an experimental study. Journal of Animal Ecology 57:859-872.

Marie, A. 1996. Statut du Tétras-lyre (*Tetrao tetrix*) dans le Parc National des Ecrins (France). [Status of the Black Grouse (*Tetrao tetrix*) in the Ecrins National Park (France)]. Avocetta 20:60-65. (in French).

Marjakangas, A. 1981. [Relations between Black Grouse and some passerines at winter feeding places.] Ornis Fennica 58:177-178. (in Finnish with English summary).

Marjakangas, A. 1984. Roosting behaviour and thermal environment of the Black Grouse, *Tetrao tetrix*, in winter. Riistatieteellisia Julkaisuja 42:40.

Marjakangas, A. 1985. Effects of artificial winter feeding on the Black Grouse (*Tetrao tetrix*). Suomen Riista 31:32-42.

Marjakangas, A. 1986. On the winter ecology of the Black Grouse, *Tetrao tetrix*, in central Finland. Univ. Oulu, Oulu, Finland. Ph.D. Dissertation.

Marjakangas, A. 1989. A gang brood of 2 Black Grouse *Tetrao tetrix* hens. Ornis Fennica 66:79-80.

Marjakangas, A. 1990. A suggested antipredator function for snow-roosting behaviour in the Black grouse *Tetrao tetrix*. Ornis Scandinavica 21:77-78.

Marjakangas, A. 1992. Winter activity patterns of the Black Grouse *Tetrao tetrix*. Ornis Fennica 69:184-192.

Marjakangas, A. 1992. Movements, breeding success and mortality of Black Grouse hens: a radio-tracking study in Finland. Grouse News 3:8-9.

Marjakangas, A. 1993. Late renesting in female Black Grouse. Grouse News 6:7.

Marjakangas, A. 1995. Variations in clutch defence by incubating female Black Grouse *Tetrao tetrix*. Proceed. of the 6th International Grouse Symposium, Udine, Italy, pp. 84-90. *In*: Jenkins, D. World Pheasant Association.

Marjakangas, A. 1995. Forest ditches – pitfalls for young grouse chicks? Grouse News 9:3-5.

Marjakangas, A. 1995. Flushing distances and clutch survival of incubating female Black Grouse. Suomen Riista 41:78-84.

Marjakangas, A. 1996. Forest ditches - pitfalls for young grouse chicks? Proceedings of the International Union of Game Biologists (IUGB) XXII Congress. 22:402.

Marjakangas, A. 1999. Population dynamics of Black Grouse in managed boreal forests. Grouse News 17:6-7

Marjakangas, A., and H. Aspergren. 1991. Responses of Black Grouse hens to supplemental winter food. Ornis Scandinavia 22:282-283.

Marjakangas, A., H. Aspegren, and M. Kyllonen. 1991. Spring dispersal and subsequent movements of yearling female Black Grouse in eastern Finland. Transactions of the International Union of Game Biologists 20:297-301.

Marjakangas, A., and S. Kiviniemi. 2005. Dispersal and migration of female Black Grouse *Tetrao tetrix* in eastern central Finland. Ornis Fennica 82:107-116.

Marjakangas, A., and R. Moss. 1991. Workshop summary : The role of nutrition in population regulation of grouse. Ornis Scandinavica 22:295-296.

Marjakangas, A., and J. Puhto. 1999. Effect of supplemental winter feeding on the breeding success of female Black Grouse *Tetrao tetrix.* Suomen Riista 45:7-15.

Marjakangas, A., H. Rintamaki, and R. Hissa. 1983. Thermal responses in the Capercaillie (*Tetrao urogallus*) and the Black Grouse (*Tetrao tetrix*) roosting in snow burrows.. Suomen Rista 30:64-70.

Marjakangas, A., H. Rintamaki, and R. Hissa. 1984. Thermal responses in the Capercaillie *Tetrao urogallus* and the Black Grouse *Lyrurus tetrix* roosting in the snow. Physiological Zoology 57:99-104.

Marjakangas, A., and L. Tormala. 1997. Female age and breeding performance in a cyclic population of Black Grouse *Tetrao tetrix*. Wildlife Biology 3:195-203.

Markakangas, A., P. Valkeajarvi, and L. Ijas. 1997. Female Black Grouse *Tetrao tetrix* shift nest site after nest loss. Jounral of Ornithology 138:111-116.

Marshall, K. 1996. A feasibility study on the reintroduction of Capercaillie (*Tetrao urogallus*) into forests in southern Scotland. M. Sc. Thesis. Univ. Edinburgh.

Marshall, K. 2002. Optimising Capercaillie (*Tetrao urogallus*) habitat suitability through alternative management regimes in Scottish plantation forests. Ph. D. Dissertation. University of Aberdeen.

Marshall, K. 2005. Capercaillie and recreational disturbance study. Prepared for CNPA, FCS and SNH. 50pp.

Marshall, K., and G. Edwards-Jones. 1998. Reintroducing Capercaillie (*Tetrao urogallus*) into southern Scotland: identification of minimum viable populations at potential release sites. Biodiversity and Conservation 7:275-296.

Marsilli, A. 2003. Il nume tutelare delle foreste silenziose. Aspetti eco-etologici del gallo cedrone. [The protection of silent forests. Eco-ethological aspects of the Capercaillie.] Natura Alpina 54:47-52. (in Italian).

Marti, C. 1982. Accuracy of fecal analysis for identifying foods of Black Grouse.

Journal of Wildlife Management 46:773-777.

Marti, C. 1985. Unterschiede in der winterökologie von hand und henne des birkhuhns *Tetrao tetrix* im Aletschgebiet (Zentralalpen). [Differences in the winter ecology of cock and hen Black Grouse *Tetrao tetrix* in the Aletschgebiet (Central Alps).] Der Ornithologische Beobachter 82:1-30. (in German).

Marti, C. The Swiss Capercaillie Protection Project. Memoires de la Scoiete Vaudoise des Sciences Natuelles 19:247-255. (in French with English abstract).

Marti, C. and H. R. Pauli. 1985. Wintergewicht, Masse und Altersbestimmung in einer alpinen Population des Birkhuhns *Tetrao tetrix*. [Winter weight, mass and age determination in an alpine population of Black Grouse *Tetrao tetrix*.] Ornithologischer Beobachter 82: 231–241. (in German).

Martin, L. 1870. Das Abandern der Luftrohre beim Auerhahn (*Tetrao urogallus*). [The variations of the windpipe of the Capercaillie (*Tetrao urogallus*).] Zool. Gart. 1870:24-28. (in German).

Martin, M. P. 1971. Some mallophagan parasites of the Old-World grouse in Spain. Graellsia 27:91-102.

Martínez, A. M. 1993. Contribución al conocimiento de la eco-etología del urogallo cantábrico. [Contribution to the knowledge of the ecology of the Cantabrian Capercaillie.] Ph. D. Thesis. Universidad de León. (in Spanish).

Martinot, J.-P., and P. Lebreton. 2006. Sur la séparation des niches écologiques chez les galliformes de montagne en Vanoise. [Separation of ecological niches, or how galliform birds live together in Vanoise.] Travaux scientifiques du Parc national de la Vanoise 23:119-145. (in French). (Rock Ptarmigan, Black Grouse).

Martinsson, B. 1995. The effects of patch size and quality on density and reproduction of Black Grouse in boreal forests. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:175.

Masoud, M., and L. M. Fanid. 2006. A study of Caucasian Black Grouse *Tetrao mlokosiewiczi* population dispersion confined in Iran. Grouse News 31:5-8.

Mattedi, S. 2001. Ecologia e distribuzione del Gallo cedrone all'interno del Parco Naturale del Monte Corno. [Ecology and distribution of the Capercaillie inside of the Natural Park of the Mount Horn.] Ufficio Parchi Naturali, Provincia Autonoma di Bolzano, Bolzano, 116 pp. (in Italian).

Mattedi, S., T. Sitzia, and A. Borgo. 2002. Riserva Naturale Guidata Bosco della Scanuppia. Analisi ambientale e proposte di gestione finalizzate alla conservazione del Gallo cedrone (*Tetrao urogallus* L.) e del Fagiano di monte

(*Tetrao tetrix* L.). [Reservoir Natural Guided Forest of the Scanuppia. Analysis acclimatizes them and proposed of management finalized to the conservation of the Capercaillie (*Tetrao urogallus* L.) and of the Black Grouse (*Tetrao tetrix* L.). Servizio Parchi e Foreste demaniali, Provincia Autonoma di Trento, Trento, 105 pp. (in Italian).

Maxwell, H. 1934. Grouse in the south of England. Notes and Queries Oct 13, 1934, p. 265.

McCall, I. 1990. What will become of the Black Grouse? Scottish Birds 1990:19.

McEwen, K., P. Warren, and D. Baines. 2009. Preliminary results from a translocation trial to stimulate Black Grouse *Tetrao tetrix* range expansion in northern England. Folia Zoologica 58:190-194.

McKelvie, C. 1989. Homeless and hungry. British Black Grouse. Country Life 183(18):151.

Meade-Waldo, M. 1896. On the authorship of *Tetrao urogallus*, var. *uralensis*. Ibis 1896:154.

Mees, K. 2009. Das Birkhuhn Peroenliche Erinnerungen und Gedanken ueber die Gruende des Verschwindens. [The Black Grouse. Personal memories and thoughts on the reasons for its disappearance.] Beitraege zur Naturkunde Niedersachsens 62:40-49. (in German).

Meeus, H. 1980. [The Black Grouse (*Lyrurus tetrix*) - is it an endangered species in the Turnhout Kempen?] Wielewaal 46(5):176-181. (in Dutch with English summary).

Meile, P. 1982. Skiing facilities in alpine habitat of Black Grouse and Capercaillie. Proceedings of the 6th. International Grouse Symposium Pp.87-92.

Meile P. 1982. Wintersportanlagen in alpine Lebensräumen des Birkhuhns (*Tetrao tetrix*). [Winter sports facilities in alpine habitats of the black grouse (*Tetrao tetrix*).] Veröffentlichungen der Universität Innsbruck 135. Innsbruck. (in German).

Meinert, U., and H.-H. Bergmann. 1983. Zur Jugendentwicklung der Lautaüßerungen beim Birkhuhn (*Tetrao tetrix*). [Early deveopment of Black Grouse chicks (*Tetrao tetrix*).] Behaviour 85:242-259. (in German with English summary).

Menegaux, A. 1915. Une nouvelle forme du Coq de Bruyere (*Tetrao urogallus aquitanicus* C. Ingr.) dans les Pyrenees. [A new form of the Capercaillie (*Tetrao urogallus aquitanicus* C. Ingr.) from the Pyrenees. Paris Rev. Fr. d'Orn. 7:84-87. (in French).

Menoni, E. 1990. Caquetements et territorialite´ des poules de grand te´tras au printemps dans les Pyrenees. [Caquetements and territoriality of hens of Capercaillie in spring in the Pyrenees.] Acta Biol Mont 10:63–82. (in French).

Menoni, E. 1991. Ecologie et dynamique des population du grand tetras dans les Pyrenees, avec des reference speciales a la biologie de la reproduction chez les poules – quelques applications a sa conservation. [Ecology and dynamics of the population of Capercaillie in the Pyrenees, with special reference to the biology of the reproduction in hens - some conservation applications.] Ph. D. Thesis. Universite P. Sabatier, Toulouse, France. 401pp. (in French).

Menoni, E. 1994. Statut, evolution et facteurs limitants des populations francaises de grand tetras *Tetrao urogallus*: syntheses bibliographique. [Status, trends and limiting factors of Capercaillie *Tetrao urogallus* in France: a literature review.] Gibier Faunes Sauvages Game and Wildlife 11:97-158. (in French with English summary).

Menoni, E. 1994. [Restoration plan for the Capercaillie (*Tetrao urogallus*) in France.] Gibier Faune Sauvage 11:159-202. (in French with English summary).

Menoni, E. 1996**.** [Capercaillie reproduction in the Pyrenees during summer 1995 (*Tetrao urogallus*).] Bulletin Mensuel de l'Office National de la Chasse. 208:20-23. (in French).

Menoni, E. 1997. Location and size of Capercaillie *Tetrao urogallus* leks in relation to territories of hens. Wildlife Biology 3:137-147.

Menoni, E. 2001. Avalanche prevention cause disturbances of grouse around French ski stations. Grouse News 21:5.

Menoni, E. 2001. New fencing material tested in France. Grouse News 21:6.

Menoni, E. 2008. Le Grand Tetras *Tetrao urogallus* dans les Alpes francaises : histoire d'une disparition. [Extinction of Capercaillie *Tetrao urogallus* in the French Alps.] Ornithos 15:266-271. (in French with English summary).

Menoni, E., and J. Bougerol. 1993. Capercaillie populations in forests fragmented by topography and human activities in the French Pyrenees. 21st. Congress of the International Union of Game Biologists. Pp. 148-159

Menoni, E., J. E. Brenot, and M. Catusse. 1994. [Capercaillie and ski touring (*Tetrao urogallus*).] Bulletin Mensuel de l'Office National de la Chasse 190:12-21. (in French).

Menoni, E., and M. Catusse. 1990. Effect of cable logging in the Luchon State Forest

Haute-Garonne France on the Capercaillie *Tetrao urogallus* L. Gibier Faune Sauvage 7:175-192. (in French with English abstract).

Menoni, E., M. Catusse, and C. Novoa. 1991. Capercaillie *Tetrao urogallus aquitanicus* mortality by predation in the Pyrenees, survey results. Gibier Faune Sauvage 8:251-270. (in French with English abstract).

Menoni, E., P. D. du Rau, H. Brustel, A. Brin, L. Valladares, G. Coriol, L. de Harvenc, and J. L. Castel. 2004. Amelioration des habitats en faveur du grand tetras et benefices escomptes sur la biodiversite. [Improvement of the Capercaillie habitats, and expected positive effects on biodiversity.] ONCFS Rapport Scientifique 2004: 65-68. (in French with English Summary).

Menoni, E., and O. Duriez. 2008. Le Grand Tetras *Tetrao urogallus* dans les Pyrenees : historique et statut actuel. [The Capercaillie *Tetrao urogallus* in the Pyrenees: history and current status.] Ornithos 15:272-281. (in French with English summary).

Menoni, E., P. Landry, and C. Berducou. 1997. Habitat fragmentation and viability of Capercaillie *Tetrao urogallus* populations in the French Pyrenees. Wildlife Biology 3:277. Abstract only.

Menoni, E., P. Leonard, J.-F. Desmont, and C. Nappee. 2010. Problems of ice crust formation for grouse and partridges, and the possible relation to climate change. Grouse News 39:6-10. (Black Grouse, Rock Ptarmigan)

Menoni, E., M. Levet , and P. Landry. 1996. Cartographie de l'habitat du Grand Tétras *Tetrao urogallus* en France - Un exemple d'application : Effet de sa fragmentation sur une population pyrénéenne. [Cartography of the habitat of the Capercaillie *Tetrao urogallus* in France - an example of application: Effect of its fragmentation on a Pyrenean population.] Alauda 64:239-248. (in French).

Menoni, E., and Y. Magnani. 1998. Human disturbance of grouse in France. Grouse News 15:4-8.

Menoni, E., and C. Novoa. 1988. Contribution of shooting bag analysis to the knowledge of Capercaillie *Tetrao urogallus* L. populations. Gibier Faune Sauvage 5:255-272. (in French with English abstract).

Menxies, W. E. 1907. Capercaillie and Willow Grouse in Moray. Ann. Scot. Nat. Hist. 1907:116-117.

Menzal, H. 1964. Abhandlungen und Berichte des Naturkundemuseums Görlitz. Bd. 39. Nr. 10, Ein Beitrag zum Vorkommen des Birkhuhnes (*Lyrurus tetrix*) und Auerhuhnes (*Tetrao urogallus*) im Kreis Hoyerswerda. [Papers and reports of the natural history museum Goerlitz. Bd. 39. NR. 10, a contribution for the

occurrence of the Black Grouse (*Lyrurus tetrix*) and Capercaillie (*Tetrao urogallus*) in the circle Hoyerswerda.] (in German).

Menzel, K. 1988. Zur Situation des Birkwildes auf dem Truppenübunggsplatz Bergen (Bundesforstamt Siebensteinhäuser). [To the situation of the Black Grouse on the Truppenuebunggsplatz mountains (office for federal forest of filter stone houses).] Möglichkeiten, Probleme und Aussichten der Auswilderung von Birkwild &emdash; Schutz und Status der Rauhfusshühner in Nierdersachsen. Norddeutsche Naturschutzakademie Berichte 1:126-127. (in German).

Meyerhofer, M. 1995. Habitatbewertung für das Birkhuhn (*Tetrao tetrix*) in den Loisach-Kochelsee-Mooren. [Habitat use of the Black Grouse (*Tetrao tetrix*) in the Loisach Kochelsee moorlands.] Ph. D. Dissertation. Ludwig Maximilans University. München. (in German).

Merk-Buchberg, M. 1919. Aus dem Leben unserer Waldhuhner. [The life of our wild grouse.] Ornith. Jahrb. 29:55-69. (in German). (Capercaillie, Black Grouse, and Hazel Grouse).

Merkusheva, I. V., and L. I. Kraevskaya. 1963. Helminths of Wood-grouse, Heath-Cock and Hazel-Grouse in Byelo Russia. Dokl. Akad. Nauk BSSR. Minsk 7:212-215.

Merta, D., B. Bobek, J. Furtek, and M. Kolecki. 2009. Distribution and number of Black Grouse, *Tetrao tetrix* in southwestern Poland and the potential impact of predators upon nesting success of the species. Folia Zoologica 58:159-167.

Meyer, A. B. 1886. Hybrids between the Black Grouse and the Pheasant. Nature 34(871):218.

Meyer, A. B. 1887. Unser Auer-, Rackel- und Birkwild und seine abarten. [Our Black Grouse, Capercaillie, and hybrid grouse and their modifications.] 95pp. Verlag von Adolph W. Künast. (in German).

Mierzwinski, W. 1989. [The Black Grouse, *Lyrurus tetrix* - a bird population endangered in the province of Ostroleka.] Chronmy Przyrode Ojczysta 45(4):79-80. (in Polish).

Miettinen, J. 2006. Capercaillie as a tool of forest planning and as an indicator of forest environment quality. Grouse News 31:4-5

Miettinen, J. 2009. Capercaillie (*Tetrao urogallus*) habitats in managed Finnish forests – the current status, threats and possibilities. Dissertationes Forestales 90. Saatavissa: http://www.metla.fi/dissertationes/df90.htm. Ph. D. Dissertation. University of Joensuu, Finland.

Miettinen, J., P. Helle, and A. Nikula. 2005. Lek area characteristics of Capercallie

(*Tetrao urogallus*) in eastern Finland as analysed from satellite-based forest inventory data. Scandanavian Journal of Forest Research 20:358-369.

Miettinen, J., P. Helle, A. Nikula, and P. Niemela. 2008. Large-scale landscape composition and Capercaillie (*Tetrao urogallus*) density in Finland. Annales Zoologici Fennici 45:161-173.

Miettinen, J., P. Helle, A. Nikula, and P. Niemela. 2009. Changes in landscape-scale habitat selection of Capercaillie (*Tetrao urogallus*) in managed north-boreal forest. Silva Fennica 43:595-608.

Miettinen, J., P. Helle, A. Nikula, and P. Niemela. 2010. Capercaillie (*Tetrao urogallus*) habitat characteristics in north-boreal Finland. Silva Fennica 44:235-254.

Mild, K. 1992. [Females of Capercaillie and Black Grouse - some information on how to distinguish them in the field.] Var Fagelvarld 51(2):42-47.

Millais, J. G, 1899. Exhibition of a hybrid grouse. Bulletin of the British Ornithological Club 8:36.

Millais, J. G. 1910. Female Black Grouse assuming male plumage. British Birds 3:265-266.

Millais, J. G., and W. P. Pycraft. 1911. Note on male Black Grouse and Pheasants assuming female plumage. Bulletin of the British Ornithological Club. 27:54-55.

Millan, J., C. Gortazar, and F. Ballesteros. 2008. Parasites of the endangered Cantabrian Capercaillie (*Tetrao urogallus cantabricus*): correlates with host abundance and lek site characteristics. Parasitology Research 103:709-712.

Milonoff, M. 1995. Delayed or instant copulation? Effect of female copying on male mating decisions. Wildlife Biology 1:57-61.

Milonoff, M. 2005. Mika tekee metson hulluksi? [The origin of abnormal conduct in Capercaillies *Tetrao urogallus*.] Suomen Riista 51:35-43. (in Finnish with English summary).

Milonoff, M., R. Hissa, and B. Silverin. 1992. The abnormal conduct of Capercaillies *Tetrao urogallus*. Horm. Behav. 26:556-567.

Milonoff, M., and H. Linden. 1989. Sexual differences in energy allocation of Capercaillie *Tetrao urogallus* chicks. Ornis Fennica 66:62-68.

Milonoff, M., and H. Linden. 1989. Sexual size dimorphism of body components in Capercaillie chicks. Ornis Scand. 20:29-35.

Miquet, A. 1986. Contribution à l'étude des relations entre tétras lyre (*Tetrao tetrix* L., Tetraonidae) et tourisme hivernal en Haute Tarentaise. [A contribution to the study of the relation between the Black Grouse (*Tetrao tetrix* L., Tetraonidae) and winter tourism in Haute-Tarentaise.] Acta Oecol. 7:325-335. (in French).

Miquet, A. 1986. Tetras-Lyre et stations du ski IV. Premiers resultats d'une enquete sur la mortalite du Tetras-Lyre par percussion dans les cables. [Black Grouse and ski stations IV. First results of an investigation into the mortality of the Black Grouse by collisions with the cables.] Office National de la Chasse – Bulletin Mensuel 99:33-36. (in French).

Miquet, A. 1988. Effets du dérangement hivernal sur les déplacements et la reproduction du Tétras lyre (*Tetrao tetrix*). [Effects of the winter disturbance on displacements and the reproduction of the Black Grouse (*Tetrao tetrix*).] Gibier Faune Sauvage 5:321-330. (in French).

Miquet, A. 1990. Mortality in Black Grouse *Tetrao tetrix* due to elevated cables. Biological Conservation 54:349-355.

Miquet, A. 1994. Effects of summer human disturbance on carrying capacity for Black Grouse in an alpine touristic area. Atti Convegno Italiano di Ornitologia 6:315-324.

Mockel, R., F. Brozio, and H. Kraut. 1999. Auerhuhn (*Tetrao urogallus*) und Landschaftswandel im Flachland der Lausitz: Bestandsentwicklung, Rückgangsursachen und Zukunftsaussichten eines vom Aussterben bedrohten Waldvogels. [Capercaillie (*Tetrao urogallus*) and landscape change in the flat country of the Lausitz: Inventory development, decrease causes and future prospects one of becoming extinct threatened forest bird.] Hohenstein-Ernstthal: Verein Sächsischer Ornithologen e. V. 202pp. (in German).

Mollet, P. 2001. Beobachtungen von Auerhühnern *Tetrao urogallus* mit aussergewöhnlichem Verhalten in der Schweiz und im Fürstentum Liechtenstein 1968-1998. [Observations of Capercaillies *Tetrao urogallus* with unusual behaviour in Switzerland and in Liechtenstein 1968-1998.] Ornithologische Beobachter 98:53-66. (in German with English summary).

Mollet, P. 2002. Dringliche Massnahmen zur Förderung des Auerhuhns. [Urgent measures for the protection of the Capercaillie.] 4pp. (in German).

Mollet, P., B. Badilatti, K. Bollman, R. F. Graf, R. Hess, H. Jenny, B. Mulhauser, A. Perrenoud, F. Rudmann, S. Sachot, and J. Studer. 2003. Verbreitung und Bestand des Auerhuhns *Tetrao urogallus* in der Schweiz 2001 und ihre Veränderungen im 19. und 20. Jahrhundert. [Numbers and distribution of Capercaillie *Tetrao urogallus* in Switzerland 2001 and their changes in the 19th

and 20th centuries.] Ornithologische Beobachter 100:67-86. (in German with English summary).

Mollet, P., and C. Marti. 2001. Grand Tétras et gestion de la forêt. [Capercaillie and management of the forest.] L'environnement pratique, Office fédéral de l'environnement, des forêts et du paysage, Berne, 2-ème édition révisée, 21 pp. (in French).

Mollet, P., B. Stadler, and K. Bollman. 2008. Plan d'action Grand Tétras Suisse. Programme de conservation des oiseaux en Suisse. 2008. [Action plan for the Swiss Capercaillie. Program conservation of the birds in Switzerland. 2008.]. L'environnement pratique. UV-0804-F. 104pp. (in French).

Mollet, P., B. Stadler, and K. Bollman. 2008. Artenförderung Auerhuhn Schweiz. Artenförderung Vögel Schweiz. 2008. [Action plan for the Swiss Capercaillie. Program conservation of the birds in Switzerland. 2008.]. L'environnement pratique. UV-0804-D. 104pp. (in German).

Mollet, P., and D. Thiel. 2009. Wintertourismus beeinflusst das Verhalten und die Stressphysiologie des Auerhuhns**.** **[**Winter tourism influences the behaviour and the stress physiology of the Capercaillie]. Schweizerische Zeitschrift fur Forstwesen 160:311-317. (in German with English summary).

Mongin, E., Y. Bogutski, and N. Cherkas. 2009. Monitoring of the Great Snipe and the Black Grouse in specially developed nature territories. Pp. 65-72 IN: A. Livina (Editor). Sustainable Planning Instruments and Biodiversity Conservation. Proceedings of the 2nd North Vidzeme Bioshere Reserve and Vidzeme University of Applied Sciences International Scientific Conference of 13–14 November, 2008, Valmiera, Latvia.

Moran, M. 2010. Estimas de abundancia y movimientos del urogallo cantábrico mediante análisis moleculares. [Estimate of abundance and movements of the Cantabrian Capercaillie by means of molecular analyses.] M. Sc. Thesis. Dept. Biología de Organismos y Sistemas, Universidad de Oviedo. (in Spanish).

Moran, P. A. P. 1952. The statistical analysis of game-bird records. Journal of Animal Ecology 21:154-158.

Moran, P. A. P. 1954. The statistical analysis of game-bird records II. Journal of Animal Ecology 23:35-37.

Morner, T. 1982. Toxoplasmosis in Capercaillie. Pp. 229-232 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Mortberg, U., and A. Karlstrom. 2005. Predicting forest grouse distribution taking into

account of spatial autocorrelation. Journal of Nature Conservation 13:147-159.

Moss, R. 1980. Why are Capercaillies so big? British Birds 73:440-447.

Moss, R. 1983. Natural selection in Capercaillie. Institute of Terrestrial Ecology Annual Report 1982:80-81.

Moss, R. 1985. Demographic consequences of sexual selection in Capercaillie. Institute of Terrestrial Ecology Annual Report 1984:111.

Moss, R. 1986. Rain, breeding success and distribution of Capercaillie *Tetrao urogallus* and Black Grouse *Tetrao tetrix* in Scotland. Ibis 128:63-72.

Moss, R. 1987. Demography of Capercaillie *Tetrao urogallus* in north-east Scotland UK. I. Determining the age of Scottish Capercaillie from skull and head measurements. Ornis Scand. 18:129-134.

Moss, R. 1987. Demography of Capercaillie *Tetrao urogallus* in north-east Scotland UK. II. Age and sex distribution. Ornis Scand. 18:135-140.

Moss, R. 1987. Demography of Capercaillie *Tetrao urogallus* in north-east Scotland UK. III. Production and recruitment of young. Ornis Scand. 18:141-145.

Moss, R. 1994. Research on Capercaillie and their habitat. Scottish Birds 17:127-131.

Moss, R. 1994. Decline of Capercaillie (*Tetrao urogallus*) in Scotland. Gibier Faune Sauvage 11:217-222.

Moss, R. 2001. Second extinction of Capercaillie (*Tetrao urogallus*) in Scotland? Biol. Cons. 101:255-257.

Moss, R. 2004. Capercaillie management in Scotland. Grouse News 27:12.

Moss, R. 2007. Distance vs. King – counting grouse on transect walks. Grouse News 33:7-8.

Moss, R., and T. Lockie. 1979. Infrasonic components in the song of the Capercaillie Tetrao urogallus. Ibis 121:95-97.

Moss, R., and A. K. Lough. 1968. Fatty acid composition of depot fats in some game birds (Tetraonidae). Comp. Biochem. Physiol. 25:559-562.

Moss, R., and J. Oswald. 1985. Population dynamics of Capercaillie in a north-east Scottish glen. Ornis Scand. 16:229-238.

Moss, R., J. Oswald, and D. Baines. 2001. Climate change and breeding success:

decline of the Capercaillie in Scotland. J. Animal Ecol. 70:47-61.

Moss, R., and N. Picozzi. 1994. Management of forests for Capercaillie in Scotland. Forestry Commission Bull. 113. HMSO, London.

Moss, R., N. Picozzi, and D. C. Catt. 2006. Natal dispersal of Capercaillie *Tetrao urogallus* in northeast Scotland. Wildl. Biol. 12:227-232.

Moss, R., N. Picozzi, R. W. Summers, and D. Baines. 2000. Capercaillie *Tetrao urogallus* in Scotland – demography of a declining population. Ibis 142:259-267.

Moss, R., and D. N. Weir. 1987. Demography of young Capercaillie *Tetrao urogallus* in north-east Scotland. III: Production and recruitment of young. Ornis. Scand. 18:141-145.

Moss, R. D., D. Weir, and A. Jones. 1979. Capercaillie management in Scotland. Proceed. Internat. Grouse Symp. I. World Pheasant Assoc. pp.140-155.

Mossoll-Torres, M., and E. Menoni. 2006. The Capercaillie in Andorra: a population in good health! Grouse News 32:18-23.

Mueller, H. 2003. *Clostridium perfringens* infections in Capercaillie (*Tetrao urogallus*). Zoologische Garten 73: 38-54.

Mulhauser, B. 2010. Un Campagnol roussatre *Clethrionomys glareolus* au menu du Grand Tetras *Tetrao urogallus*. [A bank vole *Clethrionomys glareolus* on the menu of a Capercaillie *Tetrao urogallus*.] Nos Oiseaux 57(Suppl. 499):63-64. (in French with English abstract).

Mulhauser, B., and P. Junod. 2006. Sylviculture et revitalisation des habitats des Tétraonidés dans le canton de Neuchâtel (Suisse). [Silviculture and revitalisation of the grouse habitats in Canton Neuchâtel (Switzerland).] Schweizerische Zeitschrift fur Forstwesen 157(7):263-270. (in French with English summary). (Capercaillie and Hazel Grouse).

Muller, D. 1963. Das Feind- und Balzverhalten einiger Tetraoniden <Auer-, Birk- und Rackelhuhn>: <*Tetrao urogallus* L., *Lyrurus tetrix* L. u. *L. tetrix* x *T. urogallus*.>. [The consequences and limitations of hybrids for some tetraonids (Capercaillie, Black Grouse, and hybrids): (*Tetrao urogallus* L., *Lyrurus tetrix* L., and *L. tetrix* x T. *urogallus*).] Ph. D. Dissertation. 113pp. (in German)

Muller, F. J. 1974. Territorialverhalten und Siedlungsstruktur einer mitteleuropäischen Population des Auerhuhns *Tetrao urogallus major* C. L. Brehm: e. etholog.-ökolog. Freilandstudie. [Territorial behavior and settlement structure of a Central European population of the Caperciallie *Tetrao urogallus major* C L Brehm: ethology and ecology. Open land study]. Ph.D. Thesis. Univ. Darst. (in

German).

Muller, F. J. 1979. A 15-year study of a Capercaillie lek in the western Rhon Mountains (W. Germany). Pp. 120-130 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Mueller, F. 1982. Experience and conservation strategy projects for Capercaillie and Black Grouse in the Rhoen Hills (West Germany). Pp. 39-59 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Muller, F. 1993. Welche Schlafbäume benutzen Birkhühner (*Tetrao tetrix*) im Winter? Beobachtungen im Naturschutzgebiet "Rotes Moor", Hessische Hochrhön. [Which roost trees are used by Black Grouse (*Tetrao tetrix*) in the winter? Observations in the protected area " Red Moor" , Hessian Hochrhön.]. Sonderdr. aus: Artenschutzreport; 3:38-41. (in German).

Müller, F. 1995. Zur Situation des Birkhuhns (*Tetrao tetrix*) in der Rhön. [To the situation of the Black Grouse (*Tetrao tetrix*) in the Rhoen.] Naturschutzreport 10:135-142. (in German).

Müller, F. 1996. Zur Situation des Birkhuhns (*Tetrao tetrix*) in Hessen. [To the situation of the Black Grouse (*Tetrao tetrix*) in Hessen.] NNA-Berichte 9:28-31. (in German).

Muller, F. 2000. Observations on territoriality of Blackcocks at a traditional lek in the High Rhon Mountains of Hesse (Germany). Cahiers d'Ethologie 20:333-352.

Müller, F. 2000. Predation an Birkhuhn-Kunstnestern in der hessischen Hochrhön. Cahiers d'Ethologie 20:473-480. (in German).

Mueller, F. 2009. [Influence of predation and predator-avoidance strategies in the Capercaillie.] Ornithologischer Anzeiger 48:56-59. (in German with English summary).

Muller, Fr. 1908. [*Tetrao urogallus lugens* in northern Finland.] F. Jakttidn. 3:257-258. (in Finnish).

Muller, Y.,and. P. Wagner 1989. Données Historiques sur le Grand Tétras (*Tetrao urogallus*) en Foret de Haguenau (Alsace). [Historical data on the Capercaillie (*Tetrao urogallus*) in the Forest of Haguenau (Alsace).] Ciconia 13:53-58. (in French).

Multerer, A. 2009. [The conservation concept "Capercaillies in the Bavarian Forest".] Ornithologischer Anzeiger 48:60-66. (in German with English summary).

Myrberget, S. 1978. Marking of Black Grouse and Capercaillie in Scandinavia. Var Fuglefauna 1(2):69-75.

Nania, I. 2000. Cocosul de camp, cocosul de padure sau cocosul aldai. [The plain cock, the forest cock or the "aldai" cock (*Lyrurus tetrix tetrix* L.).] Satu Mare Studii si Comunicare Seria Stiintele Naturale 1:182-219. (in Romanian).

Nappee, C. 1982. Capercaillie and Black Grouse breeding in the Parc National des Cevennes and first release results. Pages 218-228 in T.W.I. Lovel, ed. Proc. Second Int. Symp. Grouse at Dalhousie Castle, Edinburgh, Scotland. March 1981. World Pheasant Assoc., Exning, Suffolk.

Nappee, C. 1999. The reintroduction of Capercaillie in Parc National des Cevennes. Grouse News 17:16-17.

Nappee, C. 2008. Le Grand Tetras *Tetrao urogallus* dans les Cevennes : histoire d'une reintroduction difficile. [The Capercaillie *Tetrao urogallus* in the Cevennes: history and difficulty of reintroduction.] Ornithos 15:282-293. (in French with English summary).

Nappee, C. 2009. The reintroduced population of Capercaillie in the Parc National des Cevennes is still alive! Grouse News 38:29-30.

Nappee, C., and G. Douheret. 2004. Development of the reintroduced Capercaillie population in the Parc national des Cevennes. Grouse News 28:9-11.

Nastyukov, N. Z., and E. V. Gvozdev. 1986. [Short notes on the Black-bellied Grouse. along the Gurev Kandagach Railway.] P.99 In: Rare species of animals of Kazakhstan.

Neet., C. 1996. First assessment of Capercaillie (*Tetrao urogallus*) population viability in the Jura mountains. Memoires de la Societe Vaudoise des Sciences Natuelles 19:237-245. (in French with English abstract).

Neet, C. B. Leclercq, C. Marti, G. Dandliker, and B. Reymond. 1996. Capercaillie conservation, which strategy should we adopt? Memoires de la Societe Vaudoise des Sciences Natuelles 19:257-261. (in French with English abstract).

Neet, C., and E. Treboux. 1996. The preservation of the Capercaillie *Tetrao urogallus* in the Jura Mountains of Vaud: Feasibility of advocated measures and recommendations. Memoires de la Societe Vaudoise des Sciences Natuelles 19:263-266. (in French with English abstract).

Netterstrom, R. 1967. A brief note on breeding Capercaillies *Tetrao urogallus* at Frösö Zoo. International Zoo Yearbook 7(1):177.

Neufeldt, N. D., and A. V. Bobretsov. 2001. [Breeding of Capercaillie (*Tetrao urogallus*) above the tree-line in the North Ural Mountains.] Ornitologiya 29:334. (in Russian).

Neumann, D. 1982. Ungewöhnliche Todesursache bei einem Auerhahn (*Tetrao urogallus*). [Unusual cause of death in a Capercaillie (*Tetrao urogallus* L.).] Zeitschrift für Jagdwissenschaft 28:64-66. (in German with English summary).

Newlands, W. A. 1976. [Reintroduction of the Capercaillie (*Tetrao urogallus*).] Serie Atti Studi WWF Suppl. 2:197-200. (in Italian).

Niewold, F. J. J. 1982. Fluctuations in Black Grouse populations and their causes. Netherlands Research Institute for Nature Management Annual Report 1981:59.

Niewold, F. J. J. 1982. Hypotheses on the cause of the decline in the Black Grouse populations in the Netherlands. Pp. 107-116. In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Niewold, F. J. J. 1983. Fluctuations in Black Grouse populations and their causes. Netherlands Research Institute for Nature Management Annual Report 1982:52.

Niewold, F. J. J. 1986. Fluctuations in the size of Black Grouse populations and their causes. Netherlands Research Institute for Nature Management Annual Report 1985:34.

Niewold, F. J. J. 1988. Causes of the fluctuation in numbers of the Black Grouse. Netherlands Research Institute for Nature Management Annual Report 1987:48-49.

Niewold, F. J. J. 1990. The decline of Black Grouse in the Netherlands. *In* Lumeij, J. T., and Y. R. Hoogeveen (Eds.). The Future of wild Galliformes in the Netherlands. Amersfoort, Netherlands. Pp. 71-81.

Niewold, F. J. J. 1990. Recommendations for restoration of Black Grouse habitats in The Netherlands. *In* Lumeij, J. T., and Y. R. Hoogeveen (Eds.). The Future of wild Galliformes in the Netherlands. Amersfoort, Netherlands. Pp. 119-128.

Niewold, F.J.J. 1996. Das Birkhuhn in den Niederlanden und die Problematik des Wiederaufbaus der Population. [The Black Grouse in the Netherlands and the problem of the reconstruction of the population.] NNA-Berichte 9:11-20. (in German).

Niewold, J. J., and H. Nijland. 1979. Zur Situation des Birkwildes (*Lyrurus tetrix* L.) in den Niederlanden. [A report on the position of blackcock (*Lyrurus tetrix* L.) in

the Netherlands.] European J. Wildl. Res. 25:207-211. (in German with English summary).

Niewold, J. J., and H. Nijland. 1987. Die Chancen des westeuropäischen Moor- und Heidebirkhuhns. [The outlook for the West European moor- and heathland blackcock.] European J. Wildl. Res. 33:227-241. (in German with English summary).

Nijland, H. 1973. Veranderingen in het graslandbeheer en de gevolgen daarvan voor het korhoen (*Lyrurus tetrix tetrix*). [Changes in the grass country management and the consequences of it on the Black Grouse (*Lyrurus tetrix tetrix*)]. (in Dutch).

Nijland, H., and F. J. J. Niewold. 1978. [A national census of Black Grouse during the spring of 1976 and 1977.] Vogeljaar 26:149-154. (in Dutch).

Nijland, H., and F. J. J. Niewold. 1987. [Black Grouse population census in 1985.] Vogeljaar 35:309-311. (in Dutch).

Nijland, and W. A. Weyland. 1982. [Black Grouse censuses in 1981.] Vogeljaar 30:90-91.

Noska, M. 1895. Das kaukasische birkhuhn, *Tetrao mloskosiewisei* Tac. [The Caucasian Grouse, *Tetrao mloskosiewisei* Tac.] Ornithologisische Jarbuch 6:209-43. (in German).

Noska, M., and V. R. von Tschusi zu Schmidhoffen. 1895. Das kaukasische Birkhuhn (*Tetrao mlokosiewiczi* Tacz.): eine monographische Studie. [The Caucasian Black Grouse (*Tetrao mlokosiewiczi* Tacz): a research monograph.] 98pp. (in German).

Novak, T., M. Cas, and T. Siftar. 2002. Zdruzbe in pestrost suhih juzin (Opiliones) na vzorcnih rastiscih divjega petelina (*Tetrao urogallus* L.) v gozdnih tipih vzhodnih Alp na Smrekovcu z Belo pecjo in na Peci z Olsevo v Sloveniji : elaborate. (in Slovenian).

Novoa, C., M. Catusse, and L. Ellison. 1996. Capercaillie (*Tetrao urogallus*) summer opulation census: Comparison of counts with pointing dogs and route census. Gibier Faune Sauvage 13:1-11. (in French with English abstract).

Novoa C., Hansen E., Menoni E. , : La mortalité de trois espèces de galliformes par collision dans les câbles : résultats d'une enquête pyrénéenne. [The mortality of three species of galliformes per collision in the cables: results of a Pyrenean investigation.] ONC manuscript. 17 pp. (in French).

Nowatschin, E. 2007. Saisonale Raumnutzung des Birkhuhns (*Tetrao tetrix*) in den italienischen Zentralalpen. [Seasonal space use of the Black Grouse (*Tetrao*

tetrix) in the Italian Central Alps.] Ph. D. Dissertation. Albert Ludwig University, Freiburg. (in German).

Nymoen, I. 2002. Habitat use and incubation patterns of female Capercaillie *Tetrao urogallus* in a forest reserve in NW Russia during spring. MSc Thesis, Institutt for biologi og naturforvaltning, Norges landbrukshøgskole, 50pp.

Obeso, J. R. 2000. A research project on limiting factors for Cantabrian Capercaillie. Grouse News 19:8-10.

Obeso, J. R. and J. M. Bañuelos. 2001. Diagnóstico de conservación del Urogallo cantábrico. [Diagnosis of conservation of the Cantabrian Capercaillie.] Ministerio de Medio Ambiente. Madrid. 150 pp. (in Spanish).

Obeso, J. R., and J. M. Banuelos. 2003. El urogallo (*Tetrao urogallus cantabricus*) en la Cordillera Cantábrica. [The Capercaillie (*Tetrao urogallus cantabricus*) in the Cantabrian Mountain range.]. Servicio de Publicaciones de Parques Nacionales. Ministerio de Medio Ambiente, Naturaleza y Parques Nacionales, Serie Técnica. 152pp. (in Spanish).

Obeso, J. R., and J. M. Banuelos. 2005. Manejo forestal y conservación del urogallo. [Forest handling and conservation of the Capercaillie.] Pp. 35-42 IN: Manual de conservación y manejo del hábitat del urogallo cantábrico. Servicio de Publicaciones de Parques Nacionales. Ministerio de Medio Ambiente, Naturaleza y Parques Nacionales. Serie Manuales de Gestión de Especies Amenazadas. (in Spanish).

Obeso, J. R., L. D. Rodriguez, I. Alvarez, E. Nino, and J. C. del Campo. 2000. Intestinal parasites in the Cantabrian Capercaillie *Tetrao urogallus cantabricus*: a coprological study. Ardeola 47:191-195.

Obretenov, A., and W. Uloth. 2006. Das Auerhuhn (*Tetrao urogallus* L., 1758) in Bulgarien. [The Capercaillie (*Tetrao urogallus* L., 1758) in Bulgaria.]. Beitraege zur Jagd- und Wildforschung 31:259-263. (in German with English summary).

Odden, M, P. Wegge, S. Eliassen, and M. H. Finne. 2003. The influence of sexual size dimorphism on the dietary shifts of Capercaillie *Tetrao urogallus* during spring. Ornis Fennica 80:130-136.

Oelke, H. 2009. Nekrolog zum Birkhuhn (*Lyrurus tetrix*) im Raum Peine, suedoestliches Niedersachsen. [Obituary to the Black Grouse (*Lyrurus tetrix*) in the Peine area, south east Lower Saxony.] Beitraege zur Naturkunde Niedersachsens 62:49-53. (in German)

Ogurlu, I. 1997. Dag horozu (Lyrurus mlokosiewiczi (Tackanowski))'nun Turkiye'deki yailisi ve Sivrikaya'da (Rize-Ikizdere) bir gozlem. [The Status of Caucasian

Black Grouse (*Lyrurus mlokosiewiczi* (Tackanowski)) in Turkey and an Observation in Sivrikaya (Rize - ikizdere).] Turkish J. Zool. 21:79-83. (in Turkish).

Ojanen, U., O. Ratti, P. H. Adler, K. Kuusela, B. Malmqvist, and P. Helle. 2002. Blood feeding by black flies (Diptera: Simuliidae) on Black Grouse (*Tetrao tetrix*) in Finland. Entomologica Fennica 13:153-158.

Okkonen, L. 2007. Teeren (*Tetrao tetrix*) pienpoikasajan elinympäristöt ja poikasravinnoksi tarjolla olevan selkärangatonfaunan määrä ja laatu keskisuomalaisissa talousmetsissä. [Black Grouse' (*Tetrao tetrix*) early brood habitats and invertebrate abundance in managed forest stands in cental Finland.] M. Sc. Thesis. UNIVERSITY OF JYVÄSKYLÄ. 44pp. (in Finnish with English summary).

Oliger, I. M. 1957. Parasitic fauna of Black Grouse in the forest zone of the European part of the USSR. Zool. Zhur. 36:493-503.

Olt, A., and H. Ehrlich. 1908. Die Balztaubheit des Auerhahnes. [The nervous system of the Caperciallie.] Sanct Hubertus, Cothen 26:171-173. (in German).

Ortigosa, G. R., M. Gatto, R. Bionda, and L. Rotelli. 2001. Modelli di valutazione ambientale per il Fagiano di monte *Tetrao tetrix*: una metodologia di sviluppo e validazione. [Models of habitat appraisal for the Black Grouse *Tetrao tetrix*: a methodology of development and validization.] Avocetta 25:238.

Osti, F. 1984. Indagine sull'alimentazione del fagiano di monte (*Lyrurus tetrix* L.) nel Trentino occidentale. [Studies on the food habits of Black Grouse *Lyrurus tetrix* in western Trentino Italy (Aves tetraonidae).] Studi Trentini di Scienze Naturali Acta Biologica 61:301-320. (in Italian with English summary).

Paci, G., D. Pierucci, C. Ambrogi, F. Cappelli, G. B. Liponi, and M. Bagliacca. 2002. Variazioni comportamentali stagionali del Gallo Forcello (Tetrao tetrix L.) allevato in coppia fissa in gabbia. [Behavior variations of Black Grouse (*Tetrao tetrix* L.) reared in fixed couples in cages.] Annali della Facolta di Medicina Veterinaria di Pisa 55:379-387. (In Italian with English summary).

Pakkala, T., J. Pellikka, and H. Linden. 2003. Capercaillie *Tetrao urogallus* – a good candidate for an umbrella species in taiga forests. Wildl. Biol. 9:309-316.

Palahi, M., T. Pukkala, L. Pascual, and A. Trasobares. 2004. Examing alternative landscape metrics in ecological forest planning: a case for Caperciallie in Catalonia. Invest. Agrar: Sist. Recur. For. 13:527-538.

Palanque, 1999. Evolution des effectifs de grands tétras (*Tetrao urogallus*) dans le masif vosgien. [Changes in Capercaillie (*Tetrao urogallus*) population numbers in the Vosges mountain massif.] Gibier Faune Sauvage 16: 225-249. (in French with

English abstract).

Palmar, C. E. 1963. Studies of an aggressive Capercaillie. British Birds 56:19-22.

Palmgren, R. 1912. *Tetrao tetrix* L. x *Lagopus lagopus* (L.). Helsingfors Medd. Soc. Fauna et Fl. Fenn. 38:28-32, 198-199. (in German).

Palokangas, R., and V. E. Sokolov. 1980. [Seasonal changes of some morphological and physiological variables in Great Tit (*Parus major*), House Sparrow (*Passer domesticus*) and Black Grouse (*Lyrurus tetrix*) in Finland.] Pp. 70-75 In: [Animal adaptations to winter conditions.] (in Russian).

Panov, G. M., I. S. Legeyda, A. M. Poluda, and O. V. Dudkin. 2002. [Black Grouse number and possible reasons of its changes in the northern part of Zhytomyr region.] Berkut 11(2):173-180. (in Ukrainian with English summary).

Paris, P. 1908. La Canepetiere (*Tetrao tetrax*) en Bourgogne. [Black Grouse (*Tetrao tetrix*) in Burgundy.] Paris, Bul. Soc. Zool. 33:65-66. (in French).

Park, K. J., K. E. Graham, J. Calladine, and C. W. Wernham. 2008. Impacts of birds of prey on gamebirds in the UK: a review. Ibis 150 (Suppl. 1):9-26.

Parker, H. 1984. Effect of corvid removal on reproduction of Willow Ptarmigan and Black Grouse. J. Wildl. Manage. 48:1197-1205.

Parker, H., H. Mjelstad, and J. T. Solheim. 1989. Duration of fertility in Capercaillie hens after separation from males. Ornis Scand. 20:307-310.

Parr, R. A. 1992. Moorland birds and their predators in relation to afforestation. Ph. D. Dissertation, University of Aberdeen.

Parr. R., and A. Watson. 1988. Habitat preferences of Black Grouse on moorland-dominated ground in north-east Scotland. Ardea 76:175-180.

Parr, R., A. Watson, and R. Moss. 1993. Changes in the numbers and interspecific interactions of Red Grouse (*Lagopus lagopus scoticus*) and Black Grouse (*Tetrao tetrix*). Avocetta 17:55-59.

Pascual-Hortal, L., and S. Saura. 2008. Integrating landscape connectivity in broad-scale forest planning through a new graph-based habitat availability methodology: application to Capercaillie (*Tetrao urogallus*) in Catalonia (NE Spain). European Journal of Forest Research 127:23-31.

Patthey, P., N. Signorelli, L. Rotelli, and R. Arlettaz. 2011. Vegetation structural and compositional heterogeneity as a key feature in Alpine Black Grouse microhabitat selection: conservation management implications. European Journal of Wildlife

XXX:XXX-XXX (online early).

Patthey, P., S. Wirthner, N. Signorell, and R. Arlettaz. 2008. Impact of outdoor winter sports on the abundance of a key indicator species of alpine ecosystems. Journal of Applied Ecology 45:1704-1711. (Black Grouse).

Pauli, H. R. 1974. [On the winter ecology of the Black Grouse in the Swiss Alps.] Ornithologische Beobachter 71:247-278. (in German with English summary).

Pauli, H.-R. 1978. Zur Winterökologie des Birkhuhns *Tetrao tetrix* in den Schweizer Alpen ; 2. Zur Bedeutung von Nährstoffgehalt und Verdaulichkeit der wichtigsten Nahrungspflanzen des Birkhuhns *Tetrao tetrix* in den Schweizer Alpen ; 3. Zur Winternahrung des Birkhuhns *Tetrao tetrix* im subalpinen Fichtenwald der Nordalpenzone. [To the winter ecology of the Black Grouse *Tetrao tetrix* in the Swiss alps; 2. To the meaning of nutrient content and digestibleness of the most important food of the Black Grouse *Tetrao tetrix* in the Swiss alps; 3. To the winter food of the Black Grouse *Tetrao tetrix* in the subalpine spruce forest of the north alpine zone.] Ph. D. Dissertation. (in German with English summary).

Pauli, H. R. 1979. Zur Bedeutung von Nahrstoffgehalt und Verdaulichkeit der wichtigsten Nahrungspflanzen des Birkhuhns *Tetrao tetrix* in den Schweizer Alpen. [The food of the Black Grouse *Tetrao tetrix* in the Swiss Alps.] Ornithologische Beobachter 75:57-84. (in German). English abstract, p.99 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Pav, J., and D. Zajicek. 1974. The incidence of coccidiosis in tetraonid birds, Tetraonidae, from Czechoslovak hunting areas. Vestnik Ceskoslovenske Spolecnosti Zoologicke 38:52-60.

Pavlushchick, T. 2003. Saving *Tetrao urgallus major*, Brehm 1831, in Belarus. Grouse News 25:6-7.

Pavlushchick, T. E., and N. D. Cherkas. 1999. Some morphological descriptions of two Capercaillie subspecies in Belaus. Structure-function status of animal diversity in Belarus. Proceedings of the 8th. Zoological Scientific Conference. Minsk: Low and economics:136-138.

Pavlushchick, T. E., and N. V. Malyutina. 1986. [Reproductive phenology of the Capercaillie and Hazel Hen on Berezinsk Reserve.]. Pp. 162-164 IN: I. D. Yurkevich, L. M. Sushchenya, E. P. Yaroshevish, A. N. Kurskov, and P. A. Kovringo (eds.). [Phenological studies of nature in Byelorussia.]. Nauka i tekhnika, Minsk. (in Russian).

Pavlushchick, T., N. Tcherkas, and M. Nikiforov. 1999. Current status of Capercaillie

Tetrao urogallus populations in southern Belarus. Vogelwelt 120:231-234.

Pearce-Higgins, J. W. 2010. Using diet to assess the sensitivity of northern and upland birds to climate change. Climate Research 45(special issue 25):119-U435. (Black Grouse, Rock Ptarmigan, Willow Ptarmigan).

Pearce-Higgins, J., M. Grant, and M. Robinson. 2005. Correlates of Black Grouse decline. Pp. 120-128 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Pearce-Higgins, J. W., M. C. Grant, M. C. Robinson, and S. L. Haysom. 2007. The role of forest maturation in causing the decline of Black Grouse *Tetrao tetrix*. Ibis 149:143-155.

Peksa, L. 2010. Inwentaryzacja cietrzewia *Tetrao tetrix* i gluszca *Tetrao urogallus* w Tatrzanskim Parku Narodowym. [Census of Black Grouse *Tetrao tetrix* and Capercaillie *Tetrao urogallus* in the Tatra National Park.] Chronmy Przyrode Ojczysta 66:384-390. (in Polish with English abstract).

Pennie, I. D. 1950. The history and distribution of the Capercaillie in Scotland. Scott. Nat. 62:65-87, 157-178.

Pennie, I. D. 1951. The history and distribution of the Capercaillie in Scotland. Scott. Nat. 63:4-17, 135.

Perez, T., J. F. Vazquez, F. Quiros, and A. Dominguez. 2011. Improving non-invasive genotyping in Capercaillie (*Tetrao urogallus*): redesigning sexing and microsatellite primers to increase efficiency on faeces samples. Conservation Genetics Resources 3:483-487.

Peter, R. 1979. Eider (*Somateria mollissima*) and Capercaillie (*Tetrao urogallus*) near Koszeg. Aquila 85:148, 156.

Peterson, C. D. 1972. Propagation of Black Grouse. Game Bird Breeders Gazette 21(8):8-12.

Peterson, C. D. 1975. Raising Capercaillie: the greatest grouse on earth. Game Bird Breeders Gazette. 25:7-11.

Petrov, I. K. 2008. Distribution and Numbers of Capercaillie, *Tetrao urogallus* L., 1758 (Aves: Galliformes) in Bulgaria. Acta Zoologica Bulgarica 2008(suppl.2):35-40.

Petty, S. J. 1995. Assessment of fence collisions by grouse species in Scotland. Forestry Commission Research Information Note 264.

Petty, S. 1996. Deer fences kill Capercaillie. Forestry and British Timber 25(7):18-20.

Petty, S. J. 2000. Capercaillie: a review of research needs. Report to Scottish Executive, Forestry Commission, and Scottish Natural Heritage.

Picozzi, N. 1986. Black Grouse research in NE Scotland. Institute of Terrestrial Ecology. 108pp.

Picozzi, N. 1987. Black Grouse (*Tetrao tetrix*) in N.E. Scotland. Journal of Ornithology 128:375.

Picozzi, N., D.C. Catt, and R. Moss. 1992. Evaluation of Capercaillie habitat. Journal of Applied Ecology 29:751-762.

Picozzi, N., and L. V. Hepburn. 1985. A study of Black Grouse in north-east Scotland. Pp. 462-480 in Hudson, P. J., amd T. W/ I/ Lovel. 1985. Proceedings of the Third International Symposium on Grouse. World Pheasant Association. Reading.

Picozzi, N., and L. V. Hepburn. 1985. Research on Black Grouse. Institute of Terrestrial Ecology Annual Report 1984:111-112.

Picozzi, N., R. Moss, and D. C. Catt. 1995. Habitat and diet of Capercaillie in a commercial plantation in central Scotland. Unpublished report to Scottish Forestry Trust.

Picozzi, N., R. Moss, and D. C. Catt. 1996. Capercaillie habitat, diet and management in a Sitka spruce plantation in central Scotland. Forestry 69:373-388.

Picozzi, N., R. Moss, and K. Kortland. 1999. Diet and survival of Capercaillie *Tetrao urogallus* chicks in Scotland. Wildlife Biology 5:11-23.

Piertney, S.B., J. Hoglund. 2001. Polymorphic mircosatellite DNA markers in Black Grouse (*Tetrao tetrix*). Molecular Ecology Notes 1:303-304.

Pirkola, M. K., and I. Koivisto. 1970. The main stages of the display of the Capercaillie and their phenology. Finnish Game Research 30:177-184.

Pirovano, A., and D. Bocchiola. 2010. Impact of transient climate change upon grouse population dynamics in the Italian Alps. Geophysical Research Abstracts Vol. 12, EGU2010-5635-2, 2010, EGU General Assembly 2010. (abstract only). (Black Grouse, Rock Ptarmigan).

Pis, T. 2002. The body temperature and energy metabolism in growing chicks of Capercaillie (*Tetrao urogallus*). Journal of Thermal Biology 27:191-198.

Pitches, A. 2005. Black Grouse reintroduction. British Birds 98:329.

Pohlmeyer, K., G. Sodeikat, and U. Fehlberg. 1991. [Some dates on physiology and reproduction of Black Grouse (*Tetrao tetrix* L.) in captivity.] Transactions of the Congress of International Union of Game Biologists 20:611-616. (in German with English summary).

Poirot, J., and B. Boisaubert. 1992. [Capercaillie protection in Vosges (France).] Bulletin Mensuel de l'Office National de la Chasse 165:18-30. (in French).

Poirot, J., and F. Preiss. 2001. An update of the numbers of Capercaillies in the Vosges Mountains, France, with information on their habitat from 1995 to 2000. Grouse News 21:14-18.

Pollo, C. J., F. J. Ezquerra, L. Robles, and M. A. Osorio. 2010. First note about radio-tracking of Cantabrian Capercaillie *Tetrao urogallus cantabricus* in the southern slope of the Cantabrian Mountains, Leon, NW Spain. Grouse News 40:21-25.

Pollo, C. J., L. Robles, and A. Garcia-Miranda. 2004. Aumentan los urogallos "locos" en la Cordillera Cantabrica. [Is there an increase of "crazy" Capercaillies in the Cantabrian Cordillera?] Garcilla 119:20-21.

Pollo, C. J., L. Robles, J. M. Seijas, A. Garcia-Miranda, and R. Otero. 2003. Cantabrian Capercaillie *Tetrao urogallus cantabricus* population size and range trend. Will the Capercaillie survive in the Cantabrian Mountains? Grouse News 26:3-5.

Pollo, C. J., L. Robles, A. Garcia-Miranda, R. Otero, and J. R. Obeso. 2003. Variaciones en la densidad y asociaciones espaciales entre ungulados silvestres y urogallo Cantabrico. [Variation in the density and spatial associations between wild ungulates and the Cantabrian Capercaillie.] Ecologia (Madrid) 17:199-206. (in Spanish with English summary).

Pollo, C. J., L. Robles, J. M. Seijas, A. Garcia-Miranda, and R. Otero. 2005. Trends in the abundance of Cantabrian Capercaillie *Tetrao urogallus cantabricus* at leks on the southern slope of the Cantabrian Mountains, north-west Spain. Bird Conservation International 15:397-409.

Pomarnacki, L. 1976. [An increase in numbers of *Lyrurus tetrix* in Kielecczyina.] Chronmy Przyr. ojcz. 32(2):63-65. (in Polish).

Pomarnacki, L. 1984. The Black Grouse, *Lyrurus tetrix*, declines in numbers. Chronmy Przyrode Ojczysta 40(3):98-100.

Ponce, F. 1985. Régime alimentaire hivernal du Tétras lyre, *Tetrao tetrix*, sur deux zones des Alpes françaises. [Winter diet of the Black Grouse, *Tetrao tetrix*, on two zones of the French Alps.] Gibier Faune Sauvage 3:75-98. (in French).

Ponce, F. 1987. Le régime alimentaire du Tétras lyre (*Tetrao tetrix*) : synthèse bibliographique. [The diet of the Black Grouse (*Tetrao tetrix*): bibliographical synthesis.] Gibier Faune Sauvage 4:407-428. (in French).

Ponce, F. 1991. Impact de l'alimentation sur la dynamique des populations de Tétras lyre *Tetrao tetrix* dans les Alpes françaises: méthodologie, description, sélection, nutrition. [Impact of the food on the dynamics of populations of Black Grouse *Tetrao tetrix* in the French Alps: methods, description, selection, nutrition.] Travaux Univ. (in French).

Ponce, F. 1992. Régime alimentaire du Tétras lyre *Tetrao tetrix* dans les alpes françaises. [Diet of the Black Grouse *Tetrao tetrix* in the French Alps.] Alauda 60:260-268. (in French).

Ponce, F. M. J. 1992. Food selection by Black Grouse *Tetrao tetrix* chicks in the French Alps. Gibier Faune Sauvage 9:27-51.

Poole, T. 2008. Ongoing management for Capercaillie in Scotland. Grouse News 36:11.

Porkert, J. 1969. Skelettreste von Kleinsäugern in der Losung vom Birkwild (*Lyrurus tetrix* L.) in der Winterperiode. [Skeletal remains of small mammals in scats of Black Grouse (*Lyrurus tetrix* L.)]. European Journal of Wildlife Research 15:137-144. (in German with English summary).

Porkert, J. 1970. Reste eines Kleinvogels in der Losung vom Birkwild (*Lyrurus tetrix* L.). [Feathers and of skeletal remains of a small passeriforme bird in feces of the Black Grouse (*Lyrurus tetrix* L.)]. European Journal of Wildlife Research 16:90-92. (in German with English summary).

Porkert, J. 1974. Mallophaga in der Federspule des Auerhuhns (*Tetrao urogallus* L.). [Mallophaga in the feathers of Capercaillie (*Tetrao urogallus* L.).] Zeitschrift für Jagdwissenschaft 20:165-169. (in German with English summary).

Porkert, J. 1978. Zur Schädigung der Tetraoniden durch Mallophaga. [To the damage of the tetraoniden by mallophaga.] European Journal of Wildlife Research 24:64-71. (in German with English summary).

Porkert, J. 1979. The influence of human factors on tetraonid populations in Czechoslovakia. *In* : Woodland Grouse Symposium, Inverness, Scotland, December 4-8th,1978, pp. 74-82. Lovel, T.W.I. (Ed.), World Pheasant Association.

Porkert, J. 1979. Zur Losungsabgabe bei Tetraoniden und Entstehung der „Balzlosung“ beim Auerhahn (*Tetrao urogallus* L.). [Dropping of tetraonidae and the

formation of the “mating droppings” in Capercaillie (*Tetrao urogallus* L.).] European J. Wildl. Research 25:1-4 (in German with English summary).

Porkert, J. 1990. Hybridization in several central European populations of Capercaillie hens *Tetrao urogallus* (Tetraonidae, Aves) during periods of population increase and extinction. Acta Societatis Zoologicae Bohemoslovacae 54:54:56-68. (in German with English abstract).

Porkert, J. 1991. Hoarfrost deposits as a factor contributing to the extinction of Tetraonids in the eastern Sudetes. Ornis Scandinaciva 22:292-293.

Porkert, J. 1991. Nebelfrost als das Aussterben von Tetraoniden fördernder Faktor in den Ostsudeten. [Nebula frost as becoming extinct Tetraoniden promoting factor in the Ostsudeten.] Acta Ornithoecologica 2:195-209. (in German).

Porkert, J. 1992. Störungen in der Prägungsphase des Küchens als Ursache abnormen Verhaltens beim Steinauerhuhn (*Tetrao urogalloides*). [Disturbances in the coinage phase of the Kuechens as a cause of abnormal behavior with the Capercaillie (Tetrao urogallus).] Acta Ornithoecologica 2:321-325. (in German).

Porkert, J. 1993. The fate of a Capercaillie male which chose to settle in the Adler Mountains. Grouse News 5:12-13.

Porkert, J. 1995. Hybrids between Capercaillie (*Tetrao urogallus*) and Black Grouse (*Tetrao tetrix*) and their characteristics. Fauna (Oslo) 48:52-61.

Porkert, J. 1995. Nebelfrostdeposition, Heidelbeerrückgang, Auftreten von Rackelhühnern - Begleiterscheinungen des Aussterbens von Auerhuhn (*Tetrao urogallus*) und Birkhuhn (*Tetrao tetrix*) im Orlicke Hory (Adlergebirge), Tschechien. [Nebula frost deposition, Heidelbeerrueckgang, occurrence of Rackelhuehnern - accompaniments of becoming extinct Capercaillie (*Tetrao urogallus*) and Black Grouse (*Tetrao tetrix*) in the Orlicke Hory (Eagle Mountains), Tschechien.] Naturschutzreport10:173-182. (in German).

Porkert, J. 1996. Hybrids between Capercaillie and Black Grouse and their characteristics. Grouse News 11:15-17.

Porkert, J. 1999. Black Grouse and Capercaillie hybrids as an indicator of environmental quality. Suomen Riista 45:25-33.

Porkert, J. 2000. Die geschichte des Aussterbens des Birkhuhns (*Tetrao tetrix* L.) im Adlergebirge, Orlicke hory, Nordostbohmen, Tschechien. [The history of becoming extinct the Black Grouse (*Tetrao tetrix* L.) in the Eagle Mountains, Orlicke hory, Nordostbohmen, Tschechien.] Cahiers d’Ethologie 20:277-286. (in German).

Porkert, J., and A. Flor. 1996. Does the occurrence of Capercaillie-Black Grouse hybrids in Ovre Landvik, southern Norway signalize the coming extinction of Capercaillies, as it did in Ostsudeten in the Czech Republic? Grouse News 11:17-21.

Porkert, J., J. T. Lifjeld, and R. Tornberg. 1997. Backcrossings of *Tetrao* hybrids, *T. tetrix* male X *T. urogallus* female, with their parent species: A description of female offspring based on museum skins. Aquilo Ser Zoologica 29:33-41.

Porkert, J., R. Solheim, and A. Flor. 1997. Behaviour of hybrid male *Tetrao tetrix* ♂ X *T. urogallus* ♀ on Black Grouse leks. Wildlife Biology 3:169-176.

Porkert, J., R. Solheim, and A. Flor. 1998. Behaviour of hybrid male *Tetrao tetrix* male X *T. urogallus* female on Black Grouse and Capercaillie display grounds. Acta Societatis Zoologicae Bohemicae 62:143-153.

Potapov, R. L. 1971. [Some moments of evolution and distribution of the Capercaillie (*Tetrao urogallus*) in the anthropogene.] Zoologic Zhurnal 50:875-885. (in Russian).

Potapov, R. L. 1978. [New data on the Caucasian Black Grouse *Lyrurus mlokosiewiczi* (Taczanowski).] Trudy Zoologicheskogo Instituta 76:24-35. (in Russian).

Potapov, R. L. 1985. [Order Galliformes Part 2. Family Tetraonidae. Volume 3 Part 1.] Fauna SSSR, Suppl. 133:1-637. (in Russian).

Potapov, R. L. 1995. Adaptations of the Caucasian Black Grouse to life in the high mountains. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:173.

Potapov, R. L. 2004. Adaptiation of the Caucasian Black Grouse, *Lyrurus mlokosiewiczi* to the life in the high mountains. Russian Journal of Ornithology 13:507-525.

Potapov, R. L. 2005. Genus *Lyrurus* Swainson, 1831 (Black Grouse): taxonomic position, composition, distribution, phylogenetic relationship and origin. Russian Journal of Ornithology 14:723-741.

Potapov, R. L. 2008. [On the time and routes of the penetration of the Caucasian Black Grouse's ancestor into the Caucasus.] [Russian Ornithological Periodical] 17:1295-1307. (In Russian with English abstract).

Potapov, R. 2010. On the impact of ice crust above snow burrows of grouse. Grouse News 40:28-31. (Rock Ptarmigan, Black Grouse).

Potapov, R. L., and A. V. Andreev. 1973. Bioenergetics of Heath-cock *Lyrurus tetrix* in

winter period. Doklady Akademii Nauk. SSSR. 210:499-500.

Potapov, R. L., and E. Pavlova. 1977. [Specific features of the mating display by the Caucasian Black Grouse *Lyrurus mlokosiewisei*.] Ornitologiya 13:117-126. (in Russian).

Potapov R. L., and E. A. Pavlova. 2009. Caucasian Grouse (*Lyrurus mlokosiewiczi* Taczanowski, 1875) Chronology of investigations and problems of today. Russian Journal of Ornithology. 18(487):887-923. (in Russian, full English translation is available at: http://sites.google.com/site/roaldpotapov/home/publications)

Potapov, R. L., and E. A. Pavlova. 2010. Caucasian Grouse (*Lyrurus mlokosiewiczi* Taczanowski, 1875) Chronology of investigations and problems of today. Abstract of: Potapov R. L., and E. A. Pavlova. 2009. Caucasian Grouse (*Lyrurus mlokosiewiczi* Taczanowski, 1875) Chronology of investigations and problems of today. Russian Journal of Ornithology. 18(487):887-923. (in Russian, full English translation is available at: http://sites.google.com/site/roaldpotapov/home/publications) Grouse News 40:55. (Abstract only).

Prendergast, E. D. V. 1986. The decline of Black Grouse in Dorset. Proceedings of the Dorset Natural History & Archaeological Society 108:149-152.

Preston, R., and S. MacLean. 2003. The Argyll & Bute Black Grouse recovery project. Sylvia 39(suppl.):65-80.

Preumont, R. 1974. The Black Grouse *Lyrurus tetrix* (Gallinacea, tetraonidae). Revue Vervietoise d'Histoire Naturelle 31(7-9):51-54.

Priklonskii, S. G., and V. P. Teplov. 1962. [The experi-mental census of the Capercaillie, the Crane, and the Grey Heron in forests of central provinces of the European territory of the R.S.F.S.R.] Trudy Okskogo gos. zapqv. 4:33-64. (in Russian).

Prilutskaya, L. I., and Y. V. Pishvanov. 1989. [Distribution and abundance of galliform birds in Daghestan.] Pp. 97-99, 154 *IN*: Ekologiya i resursy okhotniche-promyslovykh ptits. [Ecology and resources of game birds.]. Vniioz, Kirov. (in Russian) (Caucasian Grouse).

Proctor, R., and R. W. Summers. 2002. Nesting habitat, clutch size and nest failure of Capercaillie *Tetrao urogallus* in Scotland. Bird Study 49:190-192.

Pruter, J., and J. Wubbenhorst. 2004. Zur situation des Birkhuhns (*Tetrao tetrix*) in Naturschutzgebiet Luneburg Heide. [To the situation of the Black Grouse (*Tetrao tetrix*) in protected area Luneburg heath.] Jahrbuch des Naturwissenschaftlichen

Vereins fur das Furstentum Luneberg 43:9-34. (in German).

Prueter, J., and J. Wuebbenhorst. 2004. Zur Situation des Birkhuhns (*Tetrao tetrix*) im Naturschutzgebiet Lüneburger Heide. [To the situation of the Black Grouse (*Tetrao tetrix*) in the protected area Lüneburger heath.] Jb. Naturw. Verein Fstm. Lbg 43:73-82. (in German).

Prueter, J., J. Wuebbenhorst, and P. Suedbeck. 2004. Niedersachsens Verantwortung fuer die Erhaltung des Birkhuhns (*Tetrao tetrix*) im mitteleuropaeischen Tiefland. [The responsibility of Niedersachsen for the protection of lowland populations of Black Grouse (*Tetrao tetrix*) in Central Europe.] Vogelkundliche Berichte aus Niedersachsen 36:121-130. (in German with English summary).

Pseiner, K. 1983. "Zur Ökologie des Auerwildes (*Tetrao urogallus*) in Kärnten". ["To the ecology of the Capercaillie (*Tetrao urogallus*) in Kärnten".] Ph. D. Dissertation, Universität Wien, 115 pp. (in German).

Puissant, S. 2004. Les orthopteres comme outil d'aide a la gestion des sites de reproduction du grand tetras (Massif du Canigou, Pyrenees-Orientales). Premiere contribution. [Orthoptera as an aid to the management of breeding sites of Capercaillies (Canigou Massif, Pyrenees-Orientales). First contribution.] Materiaux Orthopteriques et Entomocenotiques 9:5-14. (in French with English summary).

Pukinsky, Y. B., and M. V. Pukinskaya. 1994. [The distant acoustic communication in the grouse (Tetraonidae, Galliformes) of Russia.] Russkii Ornitologicheskii Zhurnal 3:135-162. (in Russian with English summary).

Pukinsky, Y. B., and S. S. Roo. 1966. [Behavior of the Capercaillie during the mating season.] Vestnik Leningradskogo Universiteta, Biological Ser., No. 4, pp.22-28. (in Russian).

Pulliainen, E. 1970. Composition and selection of winter food by Capercaillie (*Tetrao urogallus*) in northeastern Finnish Lapland. Suomen Riistra 22:67-73.

Pulliainen, E. 1971. Behaviour of a nesting Capercaillie (*Tetrao urogallus*) in northeastern Lapland. Annales Zoologica Fennici 8:456-462.

Pulliainen, E. 1978. Autumn and winter nutrition of the Capercaillie (*Tetrao urogallus*) in the northern Finnish taiga. Woodland Grouse 1978, pp. 92-97

Pulliainen, E. 1979. Animal food of the Capercaillie, *Tetrao urogallus*, in the northern Finnish taiga in autumn. Aquilo, Ser. Zool. 19: 29-32.

Pulliainen, E. 1979. Grit intake of the Capercaillie, *Tetrao urogallus*, in the northern Finnish taiga in autumn. Aquilo, Ser. Zool. 19: 45-47.

Pulliainen, E. 1981. Weights of the crop contents of *Tetrao urogallus*, *Lyrurus tetrix*, *Tetrastes bonasia* and *Lagopus lagopus* in Finnish Lapland in autumn and winter. Ornis Fennica 58:64-71.

Pulliainen, E. 1981. Comparison des strategies de reproduction de recherche alimentaire et d'hivernage du grand tetras (*Tetrao urogallus* L.) et du lagopede décosse (*Lagopus lagopus* L.). Leur importance ecologique pour la protection. [Comparison of the strategies of food reproduction of research and wintering of Capercaillie (*Tetrao urogallus* L.) and of the Willow Grouse (*Lagopus lagopus* L). Their ecologic importance for protection.] Du Colloque Sur Le Grand Tetras, Colmar, France, pp. 46-60. (in French).

Pulliainen, E. 1982. Breeding, foraging and wintering strategies of the Black Grouse *Lyrusus tetrix* in the Finnish taiga: a review. Aquila Ser Zoologica 21:68-75.

Pulliainen, E. 1982. Food selection in the tetraonid hybrids *Lyrurus tetrix* x *Tetrao urogallu*s, *Lyryrus tetrix* x *Lagopus lagopus* and *Tetrao urogallus* x *Lagopus lagopus*. Ornis Fennica 59: 170-174.

Pulliainen, E. 1982. Flocking behaviour of the Capercaillie *Tetrao urogallus* and conservation strategy for the species. Pp. 36-43 *IN*: Proceedings of the Second International Symposium on Grouse, 16-20 March 1981, Scotland. T.W.I. Lovel (Ed.). World Pheasant Association.

Pulliainen, E. 1984. Breeding, foraging, and wintering strategies of the Black Grouse, *Lyrurus tetrix* L., in the Finnish taiga - a review. Aquilo, Ser. Zool. 21: 68-75.

Pulliainen, E. 1986. Flocking of Capercaillie, *Tetrao urogallus*, in eastern Finnish Lapland in winter. Ornis Fennica 63:56-57.

Pullianen, E., and K. Huhtala. 1985. Significance of the behaviour of incubating tetraonid hens for population dynamics: Case reports on the Black Grouse. Ornis Fennica 62:140-141.

Pulliainen, E., and O. Joensuu 1981. Flocking of male Capercaillie *Tetrao urogallus* at feeding sites in Ostrobothnia, W. Finland. Ornis Fennica 58:131-133.

Pulliainen, E., and K. Loisa. 1972. Composition of the bag and population of the Capercaillie, *Tetrao urogallus*, in northern Finland in 1967-71. Suomen Riista 24: 33-39.

Pulliainen, E., and P. S. Tunkkari. 1991. Responses by the Capercaillie *Tetrao urogallus*, and the Willow Grouse *Lagopus lagopus*, to the green matter available in early spring. Holarctic Ecology 14:156-160.

Purnat, Z. 2002. Stanje in ogrozenost subpopulacij divjega petelina (*Tetrao urogallus* L.) na Menini. [The true state and the threat in excisting of capercaillie (*Tetrao urogallus* L.) subpopulations on Menina.] M. Sc. Thesis. University of Ljubjana. (in Slovenian).

Purnat, Z., M. Cas, and M. Adamic. 2003. The status of leks and the threat of pastoralism on remaining Capercaillie (*Tetrao urogallus* L.) subpopulations on Menina, Slovenia. Grouse News 25:14-15.

Purnat, Z., M. Cas, and M. Adamic. 2007. Problematika ohranjanja habitata divjega petelina *Tetrao urogallus* na Menini (osrednja Slovenija) in vpliv pasnistva. Acrocephalus Ljubljana 28:105-118. (in Slovenian).

Quevedo, M., and M. J. Banuelos. 2007. La prioridad de proteger el hábitat del urogallo cantábrico. [The priority to protect the habitat of the Cantabrian Capercaillie.] Quercus 251:80-82. (in Spanish).

Quevedo, M., and M. J. Banuelos. 2008. El hábitat del urogallo en la Cordillera Cantábrica, o la importancia de conservar ecosistemas funcionales. [The habitat of the Capercaillie in the Cantabrian Mountain range, or the importance of conserving functional ecosystems.] Locustella 5: 10-27. (in Spanish).

Quevedo, M., M. J. Banuelos, and J. R. Obeso. 2006. The decline of the Cantabrian Capercaillie: how much does habitat configuration matter? Biological Conservation 127:190-200.

Quevedo M., M. J. Bañuelos, O. Sáez, and J. R. Obeso. 2006. Habitat selection by Cantabrian Capercaillie at the edge of the species' distribution. Wildlife Biology 12:267-276.

Quevedo, M., R. Rodriguez-Munoz, M. Banuelos, and A. Fernandez-Gil. 2005. A captive breeding program for Cantabrian Capercaillie: does it make any sense? Grouse News 30:10-13.

Rajala, P. 1959. On the food habits of Capercaillie juveniles (preliminary report). Suomen. Riista 13:143-155.

Rajala, P. 1966. The number of tetraonid birds and their occurrence in different habitat types in the Oulu district according to compass line census. Suomen Riista 19:130-144.

Rajala, P. 1969. Eine Übersicht neuerer Flugwilduntersuchungen aus Finnland. [An overview of newer game bird investigations from Finland.] European Journal of Wildlife Research 15:99-105. (in German with English summary).

Rajala, P. 1974. The structure and reproduction of Finnish populations of Capercaillie,

Tetrao urogallus, and Black Grouse, *Lyrurus tetrix*, on the basis of late summer census data from 1963-66. Finnish Game Research 35:1-51.

Rajala, P., and H. Lindén. 1981. Metsakanalintukannat 1974-77 seka kannanmuutokset 1964 lahtien. [Finnish tetraonid populations in 1974-77 and population trends in the period 1964-77 according to the August route-censuses.]. Suomen Riista 28:15-24. (in Finnish with English summary).

Ramanzin, M., M. Bottazzo, S. Fuser, and G. Sommavilla. 2000. Monitoring of Black Grouse in the Belluno Province (Eastern Italian Alps). Grouse News 20:14-18.

Ramanzin, M., S. Fuser, F. Cominato, and M. Bottazzo. 2000. Summer habitat selection by Black Grouse in the Belluno Province (Eastern Italian Alps). Cahiers d'Ethologie 20:461-472.

Ranta, E., P. Helle, and H. Linden. 2004. Kvantitatiivisten metsakanalintuaineistojen nelja vuosikymmenta. [Forty years of grouse monitoring in Finland.] Suomen Riista 50:128-136. (in Finnish with English summary).

Ranta, E., J. Lindstrom, H. Linden, and P. Helle. 2008. How reliable are harvesting data for analysis of spatio-temporal population dynamics? Oikos 117:1461-1468. (Black Grouse, Capercaillie, Hazel Grouse).

Rassati, G. 2009. Il allo cedrone, *Tetrao urogallus*, in due aree campione delle alpi carniche (Friuli-Venezia Giulia). [The Capercaillie, *Tetrao urogallus*, in two sample areas of the Carnic Alps (Friuli-Venezia Giulia, north-eastern Italy) (Years 2006-2008).] Rivista Italiana di Ornitologia 79:49-57. (in Italian with English summary).

Ratti, O., and R. V. Alatalo. 1997. The dynamics of blood parasite infections in Black Grouse *Tetrao tetrix* in Finland. Wildlife Biology 3:280. Abstract only.

Rätti, O., T. Hollmen, and P. Helle. 1998. [Parasites in Finnish grouse species]. Suomen Riista 44: 81-92. (in Finnish).

Ratti, O., U. Ojanen, and P. Helle. 2006. Increasing group size dilutes black fly attack rate in Black Grouse. Ornis Fennica 83:86-90.

Ravkin, Y. S., L. G. Vartapetov, K. V. Toropov, S. M. Tsybulin, V. A. Yudkin, V. S. Zhukov, A. M. Adam, I. V. Pokrovskaya, A. A. Ananin, S. A. Solovyev, V. N. Blinov, T. K. Blinova, E. L. Shor, V. M. Anufriev, and G. N. Tertitsjy. 2004. [The population and distribution of wood grouse and Hazel Grouse over the west Siberian Plain before the hunting season.] Sibirskii Ekologicheskii Zhurnal 11:563-566. (in Russian with English summary).

Regnaut, S. 2004. Population genetics of Capercaillie (*Tetrao urogallus*) in the Jura and Pyrenees: a non-invasive approach to avian conservation genetics. Ph. D. Dissertation, University of De Lausanne.

Regnaut, S., P. Christe, M. Chapuisat, and L. Fumigalli. 2006. Genotyping faeces reveals facultative kin association on Capercaillie's leks. Conservation Genetics 7:665-674.

Regnaut, S., L. S. Lucas, and L. Fumagalli. 2006. DNA degradation in avian faecal samples and feasibility of non-invasive studies of threatened Capercaillie populations. Conservation Genetics 7:447-453.

Rehsteiner, U., and R. Spaar. 2008. Die ersten Aktionsplaene fuer Voegel in der Schweiz sind erschienen (Action) fuer Mittelspecht und Auerhuhn. [The first action plans for birds in Switzerland have appeared. Action for the Middle Spotted Woodpecker and the Capercaillie.] Ornis 3:12-13. (in German).

Reichling, H. 1922. Vortrag uber das Rackelwild (Mittelhuhn, *Tetrao medius* L.). Jahresb. Prov. Ver. Wiss. 49-50:30-31. (in German).

Reid, H. W., D. Buxton, I. Pow, and R. Moss. 1983. Experimental louping-ill virus infection of Black Grouse (*Tetrao tetrix*). Archives of Virology 78:299-302.

Reid, H. W., R. Moss, I. Pow, and D. Buxton. 1980. The response of three grouse species (*Tetrao urogallus*, *Lagopus mutus*, *Lagopus lagopus*) to louping-ill virus. Journal of Comparative Pathology 90:257-263.

Reif, V. 2008. Birds of prey and grouse in Finland: Do avian predators limit or regulate their prey numbers? Ph. D. Dissertation. University of Oulu. 70pp. (Capercaillie, Black Grouse, Hazel Grouse).

Reif, V., R. Tornberg, and K. Huhtala. 2004. Juvenile grouse in the diet of some raptors. Journal of Raptor Research. 38:243-249.

Rekasi, J., and L. Kalaber. 1994. Notes on the louse fauna of Capercaillie (*Tetrao urogallus* L.) from the Kelemen Alps, Romania. Parasitologia Hungarica 27:87.

Renard, F. 1988. Premières données sur le régime alimentaire hivernal du tétras lyre (*Tetrao tetrix*) dans les Hautes-Fagnes (Belgique). [First data on the winter diet of the Black Grouse (Tetrao tetrix) in the Highones (Belgium).] Aves 25:1-15. (in French).

Renard, F. 1988. [Observation of remains of tiger moth caterpillars *Arctia caja* in the diet of Black Grouse *Tetrao tetrix* on the Plateau of the Hohe Venn Mountains, Belgium.] Aves 25:63-64. (in French).

Renard, F. 2000. Premières données sur le régime alimentaire hivernal du tétras lyre (*Tetrao tetrix*) dans les Hautes-Fagnes (Belgique). [First data on the winter diet of the Black Grouse (*Tetrao tetrix*) in the Highones (Belgium).] Cahiers d'Ethologie 20: 569-570. (abstract only, in French).

Renard, F., and L. Schmitz. 1988. [Observations of dusting places of Black Grouse *Tetrao tetrix* in the Hohe Venn Mountains, Belgium.] Aves 25:61-63. (in French).

Rentschler, K. 2003. Ein Habitatsvergleich beim Auerhuhn (*Tetrao urogallus* L. 1758) im Gebiet des Schramberg im Nordschwarzwald. [A habitat comparison with the Capercaillie (*Tetrao urogallus* L. 1758) in the area of the Schramberg in the north Black Forest]. Ph. D. Dissertation. Rottenburg, Fachhochschule. (In German).

Rey, D. 2006. Régime alimentaire du sanglier sur la Haute chaîne du Jura et évolution de ses impacts sur les milieux favorables aux grands tétras dans les réserves de chasse de la réserve naturelle: travail de diploma. [Food mode of wild boar on the High chain of the Jura and evolution of its impacts on the mediums favorable to the Capercaillie in the hunting preserves of natural reserve: work of diploma.] Ecole d'ingénieurs de Lullier. (in French).

Reymond, B. 1996. A wildlife ranger of the Jura vaudois discovering the Capercaillie: Results of twenty years of field observations. Memoires de la Scoiete Vaudoise des Sciences Natuelles 19:157-174. (in French with Emglish abstract).

Rhim, S.-J., W.-H. Hur, and W.-S. Lee. 2003. The first record of Black Grouse in South Korea. The Korean Journal of Ornithology 9:69-70.

Rintamaki, H., L. Karplund, H. Linden, and R. Hissa. 1984. Sexual differences in temperature regulation and energetics in the Capercaillie *Tetrao urogallus*. Ornis Fennica 61:69-74.

Rintamaki, P. 1995. Male mating success and female choice in the lekking Black Grouse. Ph. D. Dissertation. University of Jyväskylä

Rintamaki, P. T., R. V. Alatalo, J. Hoglund, and A. Lundberg. 1995. Mate sampling behaviour of Black Grouse females (*Tetrao tetrix*). Behavioral Ecology and Sociobiology 37:209-215.

Rintamaki, P. T., R. V. Alatalo, J. Hoglund, and A. Lundberg. 1995. Male territoriality and female choice on Black Grouse leks. Animal Behavior 49:759-767.

Rintamaki, P. T., R. V. Alatalo, J. Hoeglund, and A. Lundberg. 1997. Fluctuating asymmetry and copulation success in lekking Black Grouse. Animal Behavior 54:265-269.

Rintamaki, P. T., O. Hastad, A. Odeen, R. V. Alatalo, J. Hoglund, and A. Lundberg. 2002. Sexual selection, colour perception and coloured leg rings in grouse (Tetraonidae). Avian Science 2:145-152.

Rintamaki, P. T., J. Hoglund, R. V. Alatalo, and A. Lundberg. 2001. Correlates of male mating success on Black Grouse (*Tetrao tetrix* L.) leks. Annales Zoologici Fennici 38:99-109.

Rintamaki, P. T., J. Hoglund, E. Karvonen, R. V. Alatalo, N. Bjorklund, A. Lundberg, O. Ratti, and J. Vouti. 2000. Combs and sexual selection in Black Grouse (*Tetrao tetrix*). Behavioral Ecology 11:465-471.

Rintamaki, P. K., E. Karvonen, R. V. Alatalo, and A. Lundberg. 1999. Why do Black Grouse males perform on lek sites outside the breeding season? Journal of Avian Biology 30:359-366.

Rintamaki, P. K., A. Lundberg, R. V. Alatalo, and J. Hoglund. 1998. Assortive mating and female clutch investment in Black Grouse. Animal Behavior 56:1399-1402.

Rintamaki, P. K., S. Saarela, A. Marjakangas, and R. Hiss. 1983. Summer and winter temperature regulation in the Black Grouse *Lyrurus tetrix* . Physiological Zoology. 56:152-159.

Rizzi, V., and V. Cripezzi. 1994. [Preliminary data on the present distribution of the Black Grouse *Tetrao tetrix* and of the Stone Curlew *Burhinus oedicnemus* in Foggia province.] Atti Convegno Italiano di Ornitologia 6:501-502.

Robel, R. J. 1969. Nesting activities and brood movements of Black Grouse in Scotland. Ibis 111:395-399.

Robel, R. J. 1969. Movement s and flock stratification within a population of Blackcocks in Scotland. Journal of Animal Ecology 38:755-763.

Robiller, F. 2008. Das Auer - oder Urhuhn - das groesste und edelste aller Raufusshuehner. [The Capercaillie - the largest and most noble of all Phasianidae.] Gefiederte Welt 132(4):24-25. (in German).

Robiller, F. 2009. Die Balz der Birkhaehne im Bjoerkbergmoor in Mittelschweden. [The mating of Black Grouse in the Bjoerkberg moor in central Sweden.] Gefiederte Welt 133(4):20-22. (in German).

Robinson, M. C., D. Baines, and W. Mattingley. 1993. A survey of Black Grouse leks in Perthshire. Scottish Birds 17:20-26.

Robles, L., F. Ballesteros, and J. Canut (eds.). 2006. El urogallo en Espana, Andorra, y Pirineos Franceses – Situacion actual. [Capercaillie in Spain, Andorra, and the French Pyrenees – Status report.] SEO/Birdlife, Madrid. 98pp. (in Spanish).

Rodem, B., P. Wegge, T. K. Spidso, O. K. Bokseth, and J. Barikmo. 1984. Biotopvalg hos storfuglkull. [Habitat selection by Capercaillie broods.] Viltrapport 36:53-59. (in Norwegian with English summary).

Rodriguez, A. E., and J. R. Obeso. 2000. Diet of the Cantabrian Capercaillie: geographic variation and energetic content. Ardeola 47:77-83.

Rodríguez-Muñoz, R., P. M. Mirol, G. Segelbacher, A. Fernández, and T. Tregenza. 2001.Genetic differentiation of an endangered Capercaillie (*Tetrao urogallus*) population at the Southern edge of the species range. Conservation Genetics 8:659-670

Rodriguez-Munoz, R., M. Quevedo, and M. J. Banuelos. 2010. On pines and Capercaillie in the Cantabrian Mountains. Grouse News 39:24-25.

Rodriguez-Munoz, R., M. Quevedo, M. J. Banuelos, and A. Fernandez-Gil. 2008. Perspectivas sobre la viabilidad de la cria en cautividad del urogallo cantabrico. [Perspective on the viability of propagation in captivity of Cantabrian Capercaillie.] Quercus 266:80-81. (in Spanish).

Rohrmoser, S. 1997. Birkhühner (*Tetrao tetrix* L.) in einem Skigebiet. Raum-Zeit-Verhalten der Birkhühner am Fellhorn bei Oberstdorf im Winterhalbjahr 1995/96. [Black Grouse (*Tetrao tetrix* L.) in a skiing area. Space-time behavior of the Black Grouse at the skin horn at Colonel village in the winter term 1995/96.] Diploma thesis. University Berlin. (in German).

Rojas, M., I. Gonzales, M. A. Pavon, N. Pegels, P. A. Hernandez, T. Garcia, and R. Martin. 2011. Development of a real-time PCR assay to control the illegal trade of meat from protected Capercaillie species (*Tetrao urogallus*). Forensic Science International XXX:XXX-XXX (online early).

Rolstad, J. 1985. [Display behaviour in Capercaillie *Tetrao urogallus* L. during the breeding season.] Fauna 38:1-9. (in Norwegian with English summary).

Rolstad, J. 1988. Autumn habitat of Capercaillie in south-eastern Norway. Journal of Wildlife Management 52:747-753.

Rolstad, J. 1988. Use of aspen *Populus tremula* by Capercaillie *Tetrao urogallus* in southeasten Norway. Ornis Fennica 65:65-68.

Rolstad, J. 1989. Habitat and range use of Capercaillie *Tetrao urogallus* L. in southcentral Scandinavian boreal forests, with special reference to the influence of modern forestry. Ph. D. Dissertation. Norges LandbrukshogSkole.

Rolstad, J. 1989. Effect of logging on Capercaillie (*Tetrao urogallus*) leks. I. Cutting

experiments in south-central Norway. Scandinavian Journal of Forest Research 4:99-109.

Rolstad, J. 1990. [Effects of forestry on Capercaillie display arenas.] Sveriges Lantbruksuniversitet Institutionen for Viltekologi Rapport Suppl. 15:49,66-67. (in Swedish with English summary).

Rolstad, J., E. Rolstad, and P. Wegge. 2007. Capercaillie *Tetrao urogallus* lek formation in young forest. Wildlife Biology 13 (Suppl. 1):59-67.

Rolstad, J., K. O. Storaunet, P. Wegge, O. Hjeljord, and A. V. Sivkov. 2009. Size and spacing of grouse leks: comparing Capercaillie (*Tetrao urogallus*) and Black Grouse (*Tetrao tetrix*) in two contrasting Eurasian boreal forest landscapes. Canadian Journal of Zoology 87:1032-1043.

Rolstad, J., and P. Wegge. 1987. Distribution and size of Capercaillie leks in relation to old forest fragmentation. Oecologia 72:389-394.

Rolstad, J., and P. Wegge. 1987. Habitat characteristics of Capercaillie *Tetrao urogallus* display grounds in southeastern Norway. Holarctic Ecology 10:219-229.

Rolstad, J., and P. Wegge. 1989. Capercaillie habitat: a critical assessment of the role of old forest. Proceedings of the 4th International Grouse Symposium pp.234-249.

Rolstad, J., and P. Wegge. 1989. Capercaillie (*Tetrao urogallus*) populations and modern forestry – a case for landscape ecology studies. Finnish Game Research 46:43-52.

Rolstad, J., and P. Wegge. 1989. Effect of logging on Capercaillie (*Tetrao urogallus*) leks. II. Cutting experiments in south-eastern Norway. Scandinavian Journal of Forest Research 4:111-127.

Rolstad, J., and P. Wegge. 1989. Effect of logging on Capercaillie leks. III. Extinctions and recolonizations of lek populations in relation to clearfelling and fragmentation of old forest. Scandinavian Journal of Forest Research 4:129-135.

Rolstad, J., P. Wegge, and I. Gjerde. 1991. Cumulative impact of habitat fragmentation: lessons from 12 years of Capercialle research at Varaldskogen. Fauna 44:90-104.

Rolstad, J., P. Wegge, and I. Gjerde. 1997. Capercaillie *Tetrao urogallus* leks in fragmented forests: a 17-year study of the Varaldskogen population, southeastern Norway. Wildlife Biology 3:293. Abstract only.

Rolstad, J., P. Wegge, and B. B. Larsen. 1988. Spacing and habitat use of Capercaillie during summer. Canandian Journal of Zoology 66:670-679.

Rosetti-Balanescu, C. 1968. A proof concerning the presence in the past of the Black Grouse in the zone of hills from Muntenia. Vinat. Pesc. Sportiv 20(4):25-26.

Rotelli, L. 2002. The Black Grouse project in the Veglia-Devero National Park: research and implications for management in the Western Italian Alps. Grouse News 24:14-17.

Roth, K., and H. Suchant. 1990. Bestandesentwicklung des Auerwilds in Baden-Württemberg. [Inventory development of the Capercaillie in Baden-Wuerttemberg.] In: Arbeitsgruppe Auerwild (1990): Auerwild in Baden-Württemberg - Rettung oder Untergang? Schriftenreihe LFV Ba-Württ. 70:17-22. (in German).

Roth, P., and B. Nievergelt. 1975. Die Standorte der Balzplatze beim Auerhuhn. [The locations of the leks of the Capercaillie.] Der Ornithologische Beobachter 72:101-112. (in German).

Rubiales, J. M., F. J. Ezquerra, F. Gomez-Manzaneque, S. G. Alvarez, I. G. Amorena, and C. Morla. 2009. The long-term evolution of Cantabrian mountain landscapes and its possible role in the Capercaillie drama. Grouse News 38:9-11.

Rubiales, J. M., F. J. Ezquerra, F. Gomez-Manzaneque, S. G. Alvarez, I. G. Amorena, and C. Morla. 2010. Cantabrian Capercaillie through time: a further comment. Grouse News 40:26-28.

Rudmann, F. 2001. 26 Jahre Auerhuhnschutz im Forstkreis Toggenburg, Kanton St. Gallen. [26 years of Capercaillie protection in the forest district of Toggenburg, Canton St. Gall.] Schweizerische Zeitschrift fur Forstwesen 152:305-311. (in Swiss with English summary).

Rudmann, F., P. Meile, F. Knusel, and R. Sommerhalder. 2001. Rauhfusshühner im Appenzellerland: Vorkommen, Bestandesentwicklung und Schutzmassnahmen**.** [Grouse in Appenzellerland: Occurrence, development of population and protective measures.] Schweizerische Zeitschrift fur Forstwesen 152:295-304. (in Swiss with English summary). (Capercaillie, Black Grouse, Hazel Grouse, Rock Ptarmigan).

Ruiz-Huerta, I. T. 2011. Urgent measures for conservation of the Cantabrian Capercaillie *Tetrao urogallus cantabricus* in its habitat in the Cantabrian Mountain range. Grouse News 41:4.

Rusakov, O. S. 1974. The effect of intestinal helminths of the Black Grouse *Lyrurus tetrix* on its population dynamics, growth and development. Zoologicheskii Zhurnal 53:421-429.

Rutkowski, R., M. Keller, and P. Jagolkowska. 2007. Populacje i podgatunki - genetyka molekularna w badaniach europejskich gluszcowatych Tetraonidae. [Species and subspecies - molecular genetics in studies of the European Tetraonidae.] Notatki Ornitologiczne 48:259-272. (in Polish with English summary).

Rutkowski, R., H. Niewęgłowski, R. Dziedzic, M. Kmiec, and J. Gozdziewski. 2005. Genetic variability of Polish population of the Capercaillie *Tetrao urogallus*. Acta Ornithol. 40:27-34.

Ruwet, J. C. 1982. Le tetras lyre (*Tetrao* (*Lyrurus*) *tetrix* L.). [The Black Grouse (*Tetrao* (*Lyrurus*) *tetrix* L.).] Hautes Fagnes 48(3):132-136. (in French)

Ruwet, J. C. 1982. Statut et évolution, dans le contexte européen, des populations de tétras lyre *Tetrao tetrix* L. dans les Ardennes belges. [Status and evolution, in the European context, of the populations of Black Grouse *Tetrao tetrix* L in the Belgian Ardennes.] Cahiers d'Ethologie 2:29-104. (in French).

Ruwet, J. C. 1983. Le déclin du Grand Tétras *Tetrao urogallus* en Europe. Le point de la situation après le colloque international de Colmar et les perspectives d réintroduction dans les Hautes-Fagnes de Belgique. [Decline of the Capercaillie *Tetrao urogallus* in Europe. The point of the situation after the international conference of Colmar and the prospects for reintroduction in the Highlands of Belgium.] Cahiers d'Ethologie 3:89-104. (in French).

Ruwet, J. C. 1985. Situation dramatique des populations de tétras lyres. [Dramatic situation of the populations of Black Grouses.] Hautes Fagnes 51:99. (in French).

Ruwet, J. C. 1985. Une démonstration par l'absurde de l'importance du territoire pour le succès des accouplements chez le tétras lyre (*Tetrao tetrix)* : il en faut un ! [A reductio ad absurdum of the importance of the territory for the success of the couplings in the Black Grouse (*Tetrao tetrix*): one needs one of them! Aves 22:249-256. (in French).

Ruwet, J.-C. 2000. Bahaviour and conservation: habitat, population, territorial and social dynamics of Black Grouse (*Tetrao tetrix*) at the arenas during a long term study in the Hautes-Fagnes of Belgium. Cahiers d'Ethologie 20:353-360.

Ruwet, J. -C., and S. Fontaine. 1986. Une expérience naturelle sur la reconnaissance des limites territoriales sur l'arène de parade chez les tétras lyres (*Tetrao tetrix*). [A natural experiment on the recognition of the territorial limits on the arena of parade in the Black Grouses (*Tetrao tetrix*). Cahiers d'Ethologie 6:91-100. (in French).

Ruwet, J.-C., S. Fontaine, L. Hanon, and S. Houbart 1986. Expériences avec des poules

naturalisées sur les tactiques territoriales et sexuelles des coqs de bruyère (*Tetrao tetrix*). [Experiments with hens naturalized on the territorial and sexual tactics of the cocks of heather (*Tetrao tetrix*).] Cahiers d'Ethologie 6:81-89. (in French).

Ruwet, J. C., S. Fontaine, and S. Houbart. 1997. Inventaire et évolution des arènes de parade, dénombrement des tétras lyres (*Tetrao tetrix* L.) et évolution de leurs effectifs sur le plateau des Hautes-Fagnes de Belgique : 1966-1997. [Inventory and evolution of the arenas of parade, enumeration of the Black Grouses (*Tetrao tetrix* L.) and evolution of their population on the plate High-Fagnes of Belgium: 1966-1997.] Cahiers d'Ethologie 17:137-286. (in French).

Ruwet, J. C., S. Houbart, C. Keulen, and M. Loneux. 1998. Results of a Thirty Year Research on Black Grouse (*Tetrao tetrix*) Populations in the Hautes-Fagnes of Belgium: Descriptions and Evolution. L'Université de Liège 400pp. (in French with English abstract).

Ryan, U. M., L. Xiao, I. M. Sulaiman, P. Monis, A. A. Lai, R. Fayer, and I. Pavlasek. 2003. A redescription of *Cryptosporidium galli* Pavlasek, 1999 (Apicomplexa: Cryptosporidiidae) from birds. Journal of Parasitology 89:809-813.

Ryser, A., and M. Zanoli. 2002. Steinadler *Aquila chrysaetos* schlägt Auerhahn *Tetrao urogallus.* [Capercaillie *Tetrao urogallus* killed by Golden Eagle *Aquila chrysaetos*.] Ornithologische Beobachter 99:229-230. (in German with English summary).

Saarela, S., U. Petaja-Repo, and R. Hissa. 1990. Monoamines thyroid hormones and energy reserves in developing Capercaillie chicks *Tetrao urogallus* (Tetraonidae). Comparative Biochemistry and Physiology A. 97:353-360.

Saari, L, E. Pulliainen, and P. Tunkkari. 2002. Differences in breeding strategies of two sympatric species of grouse Tetraonidae in northern Finland. Aquilo ser Zoologica 30:97-105.

Sachot, S. 2002. Viability and management of an endangered Capercaillie (*Tetrao urogallus*) metapopulation. Ph. D. Thesis. University of Lausanne.

Sachot, S. 2002. Population viability analysis and habitat selection by Capercaillie: a Central European perspective for grouse management. Grouse News 23:13-14.

Sachot, S., L. Fumigalli, and P. Mollet. 2008. Das Auerhuhn im Jura: Qualität des Lebensraums, Demographie, Habitatwahl und nicht-invasive genetische Untersuchungen. [The Western Capercaillie in the Jura Mountains: Habitat suitability, demography, habitat selection and non-invasive genetic studies.] Ornithologische Beobachter 105:97-106. (in German with English summary).

Sachot, S., B. Leclercq, and M. Montadert. 2002. Population trends of Capercaillie

(*Tetrao urogallus*) in the Jura Mountains between 1991 and 1999. Game & Wildlife Science 19(1), March 2002:41-54.

Sachot, S., and N. Perrin. 2004. Capercaillie (*Tetrao urogallus*) in Western Switzerland. Viability and management of an endangered grouse metapopulation. pp.384-396 *in* Akçakaya, H.R et al. (eds.) Species Conservation and Management. Case studies. Oxford University Press.

Sachot, S., N. Perrin, and C. Neet. 2003. Winter habitat selection by two sympatric forest grouse in western Switzerland: implications for conservation. Biological Conservation 112:373-382.

Sachot, S., N. Perrin, and C. Neet. 2006. Viability and management of an endangered Capercaillie (*Tetrao urogallus*) metapopulation in the Jura Mountains, western Switzerland. Biodiversity and Conservation 15:2017-2032.

Saemann, D., and U. Heinrich. 1996. Probleme des Birkhuhn-Schutzes im Erzgebirge. [Problems of the Black Grouse protection in the ore mountains.] NNA-Berichte 9:24-27. (in German).

Sage, R., and D. Baines. 1991. Pinewoods, caterpillars and Capercaillie. Grouse News 2:10.

Sahlsten, J. 2007. Tjader och orre. [Capercaillie and Black Grouse.] Var Fagelvarld 6(6):35. (in Swedish).

Saniga, M. 1996. Habitat characteristics of Capercaillie (*Tetrao urogallus*) leks in central Slovakia. Biologia 51:191-199.

Saniga, M. 1996. Distribution, habitat preferences and breeding biology of the Capercaillie (*Tetrao urogallus*) population in the Velka Fatra mountains (West Carpathians). Biologia 51:201-211.

Saniga, M. 1996. Population study of Capercaillie (*Tetrao urogallus*) in the Lubochna Valley (Velka Fatra Mts., Slovakia). Folia Zoologica 45:17-29.

Saniga, M. 1998. Diet of the Capercaillie (*Tetrao urogallus*) in a Central-European mixed spruce-beech-fir and mountain spruce forest. Folia Zoologica 47: 115-124.

Saniga, M. 1999. Population dynamics of Capercaillie *Tetrao urogallus* on leks in central Slovakia in the period 1981 – 1997. Vogelwelt 120:235-242.

Saniga, M. 2001. Population study of the capercaillie *Tetrao urogallus* in the Mala Fatra mountains (West Carpathians, Slovakia). Monticola 8:306-315.

Saniga, M. 2002. Nest loss and chick mortality in Capercaillie (*Tetrao urogallus*) and Hazel Grouse (*Bonasa bonasia*) in West Carpathians. Folia Zoologica 51:205-214.

Saniga, M. 2002. Seasonal variation in the diet of Capercaillie *Tetrao urogallus* in the West Carpathian Mountains. Vogelwelt 123:25-32.

Saniga, M. 2002. Habitat features of the Capercaillie (*Tetrao urogallus*) leks in the West Carpathians. Journal of Forest Science 48:415-424.

Saniga, M. 2003. Clutch and chick losses in model forest-dwelling birds in the West Carpathians. Vogelwelt 124:103-108.

Saniga, M. 2003. Ecology of the Capercaillie (*Tetrao urogallus*) and forest management in relation to its protection in the West Carpathians. Journal of Forest Science 49:229-239.

Saniga, M. 2003. Causes of the population decline in Capercaillie (*Tetrao urogallus*) in the West Carpathians. Biologia 58:265-273.

Saniga, M. 2004. Seasonal differences in habitat use in Capercaillie (*Tetrao urogallus*) in the West Carpathians. Biologia Bratislava 59:627-636.

Saniga, M. 2005. Aspects of habitat in Capercaillie *Tetrao urogallus* in the west Carpathians. Monticola 9(97):289-297.

Saniga, M. 2006. Home range sizes and roosting places in Capercaillie (*Tetrao urogallus* L.) cocks living solitary in the West Carpathians. Folia Oecologica 33:121-128.

Saniga, M. 2011. Why the Capercaillie population *Tetrao urogallus* (L.) in the West Carpathians decline? Grouse News 41:6-13.

Sato, Y., T. Aoyagi, and N. Miyano. 2000. An occurrence of cardiac rupture in a Capercaillie (*Tetrao urogallus*) probably induced by myocardial infarction. Avian Diseases 44:231-233.

Savory, J., N. Morgan, and P. Ashmole. 2007. Blackcocks sparring through fences at two border leks. Scottish Bird News 86:19.

Scerbina, M. L. 1915. [Biology of the *Tetrao urogallus* L.] Ornith. et avicult. 6:262-291. (in Russian).

Schaanning, H. T. L. 1920. Myt fun av Fjellrype-Orre. *Lagopus mutus* X *Lyrurus tetrix*. Stavanger Museums Aarsh., vol. 29/30, no. 3. (in Norwegian).

Schaff, E. 1910. Zwei Bastarde von *Tetrao tetrix* und *Phasianus colchicus* aus freier Wildbahn. [Two hybrids of *Tetrao tetrix* and *Phasianus colchicus* from free lek.] D. Jager 32:448-449. (in German).

Schaff, E. 1911. Bastard von Fasan und Birkhuhn. [Hybrid between the Pheasant and the Black Grouse.] D. Jagerztg 57:144. (in German).

Schales, G., H. Gerlach, and J. Kosters. 1993. Investigations on the antibacterial effect of conifer needle oils on bacteria isolated from the feces of captive Capercaillies (*Tetrao urogallus* L., 1758). Zentralbl Veterinarmed B. 40:381-390.

Schales, G., H. Gerlach, and J. Kosters. 1993. Investigations on the aerobic flora and *Clostridium perfringens* in fecal specimens from free-living and captive Capercaillies (*Tetrao urogallus* L., 1758). Zentralbl Veterinarmed B. 40:469-477.

Schatz, H. 1992. Beurteilung der Habitat- und Populationsveränderungen des Auerwildes (*Tetrao urogallus major*) in der Forstverwaltung MERAN, Stainz. [Evaluation of the habitat and population changes of the Capercaillie (*Tetrao urogallus major*) in the forest administration MERAN, Stainz.] Diplomarbeit, Universität für Bodenkultur, Wien, 116 Seiten. (in German).

Scherzinger, W. 1991. Die Nachzucht Freilandtauglicher Auerhühner. [The offspring of open land-suited Capercaillie.] Gefiederte Welt 113: p. 121-124. (in German).

Scherzinger, W. 2000. Reconstruction of bird fauna in Bavarian Forest National Park, Germany. Re-introduction News 19:49-51. (Capercaillie)

Scherzinger, W. 2003. Artenschutzprojekt Auerhuhn im Nationalpark Bayerischer Wald von 1985-2000. [Project for preserving Capercaillie in Bavarian Forest National Park from 1985-2000]. Nationalparkverwalting Bayer, Wald, D-94481 GRAFENAU, Germany. (in German).

Scherzinger, W. 2009. [The fundamental niche of the Capercaillie *Tetrao urogallus*.] Ornithologischer Anzeiger 48:19-32. (in German with English summary).

Schmalzer, A. 2000. Breeding ecology of a small Black Grouse population in the Bohemian Mass (Muhlviertel, Waldviertel, Austria). Cahiers d'Ethology 20:439-448.

Schmalzer, A., and H. Uhl. 2000. Present status of grouse species (*Tetraonidae*) in the Freiwald area (Austria).- V: Proceeding of the International Conference in Česke Budejovice, Czech Republic, 24 -26 March 2000. Málková P. (ur.). Sborník vyšel ve spolupráci s AOPK ČR v rámci programu NATURA 2000: 28-32. (Black Grouse, Capercaillie, Hazel Grouse).

Schmitz, L., and R.Renard. 1987. [Proposals for a Count of the Black Grouse (*Tetrao tetrix*) in the Walloon Country.]. Aves 24:120-125. (in French with English summary).

Schnidrig, R., P. Mollet, and K. Bollman. 2003. Capercaillie conservation in Switzerland. Grouse News 25:12-13.

Schreiber, A. 2000. Genetic variability in Black Grouse – what actually is a <<population>>? Cahiers d'Ethologie 20:559-562.

Schreiber, A., T. Weitzel, and E. Straub. 1998. Allozyme variability in Black Grouse (*Tetrao tetrix*), a tetraonid with lek behaviour. Journal of Ornithology 139:55-66.

Schroder, W., J. Schroder, and W. Scherzinger. 1982. Über die Rolle der Witterung in der Populationsdynamik des Auerhuhns (*Tetrao urogallus*). [On the role of weather in the population dynamics of Capercaillie (*Tetrao urogallus*).] Journal of Ornithology 123:287-296. (in German with English summary).

Schroth, K. E. 1990. Kartierung von Auerhuhnhabitaten im Nordschwarzwald. [Mapping of Capercaillie habitat in the north Black Forest.] In: Auerwild in Baden-Württemberg: Rettung oder Untergang? (Auerwild, A. ed.), Landesfortsverwaltung Baden-Württemberg, Stuttgart, pp. 90-107. (in German).

Schroth, K.-E. 1991. Survival, movements and habitat selection of released Capercaillie in the north-east Black Forest in 1984-89. Ornis Scandinavia 22:249-254.

Schroth, K.-E. 1993. Zum Lebensraum des Auerhuhns (*Tetrao urogallus* L.) im Nordschwarzwald eine Analyse der Kaltenbronner Auerhuhnhabitate und deren Veränderung seit Beginn der geregelten Forstwirtschaft (1843 - 1990). [To the habitat of the Capercaillie (*Tetrao urogallus* L.) in the north Black Forest an analysis of the Kaltenbronner Capercaillie habitats and their change since beginning of regular forestry (1843 - 1990).] Ph. D. Dissertation. University of Muchen. (in German).

Schroth, K. E. 1994. Zum Lebensraum des Auerhuhns (*Tetrao urogallus* L.) im Nordschwarzwald. [The habitat of the Capercaillie in the north Black Forest.] Mitteilungen der forstlichen Versuchs- und Forschungsanstalt Baden-Württemberg, 133 pp. (in German).

Schroth, K.-E. 1995. Evaluation of habitat suitability for Capercaillie in the northern Black Forest. Proceedings of the 6th. International Grouse Symposium. Pp. 111-115.

Schroth, K.-E. 1995. Lebensraume des Auerhuhns in Nordschwarzwald: dargestellt am Beispiel der Kaltenbronner Walder. [Habitat of the Capercaillie in north Black Forest: represented by the example of the Kaltenbronner Walder.]

Natuschutzreport 10:27-46. (in German).

Schroth, K. E., and T. Asch. 1988. [Observation on the behavior of 2 breeding Capercaillie hens in a wildlife preserve in the Black Forest.] ZEITSCHRIFT FUR JAGDWISSENSCHAFT 34:98-104. (in German).

Schroth, K.-E., M. Lieser, and P. Berthold. 2005. Zur Winternahrung des Auerhuhns (*Tetrao urogallus*) - Versuche zur Bevorzugung von Nadeln verschiedener Koniferenarten. [Selection of winter food by the Capercaillie *Tetrao urogallus* – do captive birds prefer certain conifer species?] MPI für Ornithologie 76:75-82. (in German).

Schulze, H., H. W. Meier, and J. Gehrmann. 1975. Concerning the bursa fabricii of the Black Grouse and the feeding of Black Grouse during the mating period. Zeitschrift fuer Jagdwissenschaft 21:233-237.

Schumacher, S. 1925. Der Bau der Blinddärme und des übrigen Darmrohres vom Spielhahn (*Lyrurus tetrix* L.) [The development of the intestinal tract of the Black Grouse (*Lyrurus tetrix* L.)]. Anatomy and Physiolology 76:640-644. (in German).

Schumacher, S., and H. Zoller. 1944. Die Drusen im ausaeren Gehorgang der Waldhuhner (Tetraonidae). Z. wiss. Mikr. Leipzig 54:447-479. (in German).

Schuster, A., and W. D'Oleire-Oltmanns. 1993. Die Verbreitung des Birkhuhns (*Lyrurus tetrix*) in einer anthropogen uberpragten Alpenlandschaft. [The distribution of Black Grouse (*Lyrurus tetrix*) in an anthropogenically damaged Alpine landscape.] Verhandlungen - Gesellschaft fur Okologie 23:95-100. (in German with English summary).

Schweiger, A,-K., U. Nopp-Mayr, and M. Zohmann. 2011. Small-scale habitat use of Black Grouse (*Tetrao tetrix* L.) and Rock Ptarmigan (*Lagopus muta helvetica* Thienemann) in the Austrian Alps. European Journal of Wildlife Research XXX:XXX-XXX (online early).

Scott, D. A. 1976. The Caucasian Black Grouse *Lyrurus mlokosiewiczi* in Iran. Journal of the World Pheasant Association 1:66-68.

Scottish Natural Heritage. 2008. Species action framework: Capercaillie, *Tetrao urogallus*, five-year implementation plan 2007-2012. 10pp.

Segelbacher, G. 2002. Genetic structure of Capercaillie populations: a non-invasive approach at multiple special scales. Ph. D. Dissertation. University of Tübingen, Germany. 91pp.

Segelbacher, G. 2002. Frome genes to populations in Capercaillie: how we could use

genetic markers for conservation purposes. Grouse News 23:11-13.

Segelbacher, G., and J. Hoglund. 2000. Using microsatellites to study the conservation of Black Grouse. Cahiers d'Ethologie 20:411-420.

Segelbacher, G., J. Hoglund, and I. Storch. 2003. From connectivity to isolation: genetic consequences of population fragmentation in Capercaillie across Europe. Molecular Ecology 12:1773-1780.

Segelbacher, G., S. Manel, and J. Tomiuks. 2008. Temporal and spatial analyses disclose consequences of habitat fragmentation on the genetic diversity in Capercaillie (*Tetrao urogallus*). Molecular Ecology 17:2356-2367.

Segelbacher, G., R. Paxton, G. Steinbrueck, P. Trontelj, and I. Storch. 2000. Characteristics of microsatellites in Capercaillie (*Tetrao urogallus*) (Aves). Molecular Ecology 9:1034-1035.

Segelbacher, G., and S. Piertney. 2007. Phylogeography of the European Capercaillie (*Tetrao urogallus*) and its implications for conservation. Journal of Ornithology 148:269-274.

Segelbacher, G., U. Querner, W. Fiedler, A. Schmidt, and P. Berthold. 2004. Capercaillie research in the Black Forest – combining radio tracking and genetic data. Grouse News 27:12.

Segelbacher, G., and I. Storch. 1999. Genetic markers for studying spatial structure of grouse populations. Grouse News 18:4-8.

Segelbacher, G., and I. Storch. 2002. Capercaillie in the Alps: genetic evidence of metapopulation structure and population decline. Molecular Ecology 11:1669-1677.

Segelbacher, G., and I. Storch. 2004. Testing existing markers for studying genetic variability in Caucasian Black Grouse (*Tetrao mlokosiewiczi*) – a pilot study. Grouse News 28:12-13.

Segelbacher, G., I. Storch, J. Tomiuk. 2003. Genetic evidence of Capercaillie *Tetrao urogallus* dispersal sourcesand sinks in the Alps. Wildlife Biology 9:267-273.

Segelbacher, G., P. Wegge, A. V. Sivkov, and J. Hoglund. 2007. Kin groups in closely spaced Capercaillie leks. Journal of Ornithology 148:79-84.

Seiler, C., P. Angelstam, and H.-H. Bergmann. 2000. Conservation releases of captive-reared grouse in Europe: what do we know and what do we need? Cahiers d'Ethologie 20:235-252.

Seiskari, P. 1962. On the winter ecology of the Capercaillie, *Tetrao urogallus*, and Black Grouse, *Lyrurus tetrix*, in Finland. Ph. D. Dissertation, University of Helsinki. Papers on Game Research 22:1-119.

Seiskari, P., and J. Koskimies. 1955. Ecological evidence of racial divergence in the Capercaillie, *Tetrao urogallus* L., in Finland. Papers on Game Research 16:1-11.

Seisser, P. 2009. Das Auerhuhn als Leitart des Naturparks Fichtelgebirge – Regionalpolitk und Naturschutz. [The Capercaillie as keystone species of the nature park 'Fichtelgebirge' - regional politics and nature conservation.] Ornithologischer Anzeiger 48:7-9. (in German).

Selas, V. 2000. Population dynamics of Capercaillie *Tetrao urogallus* in relation to bilberry *Vaccinium myrtillus* production in southern Norway. Wildlife Biology 6:1-11.

Selas, V. 2000. Is there a higher risk for herbivore outbreaks after cold mast years? An analysis of two plant/herbivore series from southern Norway. Ecography 23:651-658. (Capercaillie).

Selas, V. 2001. Autumn population size of Capercaillie *Tetrao urogallus* in relation to bilberry *Vaccinium myrtillus* production and weather: an analysis of Norwegian game reports. Wildlife Biology 7:17-25.

Selas, V. 2003. Anfälligkeit von Birkhennen (*Tetrao tetrix*) für Habichtspredation in Beziehung zu Rötelmauszyklen. [Vulnerability of Black Grouse (*Tetrao tetrix*) hens to Goshawk (*Accipiter gentiles*) predation in relation to vole cycles. Journal of Ornithology 144:186-196. (in German with English summary).

Selas, V. 2006. Patterns in grouse and Woodcock *Scolopax rusticola* hunting yields from central Norway 1901–24 do not support the alternative prey hypothesis for grouse cycles. Ibis 148:678-686.

Selas, V. 2008. Is there a higher risk for herbivore outhreaks after cold mast years? An analysis of two plant/herbivore series from southern Norway. Ecography 23:651-658. (Capercaillie).

Selas, V., and J. A. Kalas. 2007. Territory occupancy rate of Goshawk and Gyrfalcon: no evidence of delayed numerical response to grouse numbers. Oecologia 153:555-561.

Selas, V., G. A. Sonerud, E. Framstad, J. A. Kalas, S. Kobro, H. B. Pedersen, T. Kr. Spidso, and O. Wiig. 2011. Climate change in Norway: warm summers limit grouse reproduction. Population Ecology 53:361-371. (Black Grouse, Capercaillie, Willow Grouse).

Selous, E. 1909-1910. An observational diary on the nuptial habits of the Blackcock (*Tetrao tetrix*) in Scandinavia and England. Zoologist 13:401-413; 14:23-29, 51-56, 176-182, 248-265.

Semenov-Tian-Shanskii, O. I. 1960. [Ecology of grouse in the Lapland Reserve.] Proceedings of the Lapland Reserve 5:1-318. (in Russian).

Semenov-Tian-Shanskii, O. I. 1983. Biologiia razmnozheniia teterevinykh ptits na Severe. [Biology of the reproduction of grouse birds in the north.] (in Russian).

Semrén, A. 2004. Parasitologisk undersökning av parasiter hos tjäder, (*Tetrao urogallus*). Dept. of Veterinary Microbiology, SLU. Examensarbete / Sveriges lantbruksuniversitet, Veterinärmedicinska fakulteten, Veterinärprogrammet vol. 2004:16. (in Swedish with English summary).

Sevast'anov, G. N. 1975. [Distribution of grouse in the southern taiga of Moki-ASSR USSR.] Ekologiya 6:92-94. (Soviet J. Ecol. 6:467-469.) (in Russian).

Shilo, A. A. 1976. [Grouse flocks and mating places.] Izdatel'stvo Nauk, Moscow :418-430. (in Russian).

Shilo, A. A., A. I. Cherepanov, and S. S. Folitarek. 1972. [Interspecific grouping of the Black Grouse between Obi-Enisei Rivers.] pp. 345-347 In: [Zoological problems of Siberia (Reports of the fourth Conference of Zoologists of Siberia).] (in Russian).

Shimov, S. V, and E. V. Gvozdev. 1986. [Short notes on the Black-bellied Grouse. Alma Ata region.] Pp. 102-103 IN: Rare species of animals of Kazakhstan.

Siano, R. 2001. Überlebensdauer sowie Raum- und Habitatnutzung ausgewilderter Auerhühner (*Tetrao urogallus* L.) im Nationalpark Harz. TU Dresden (Bairlein, Exo). [About life, space and habitat use wild Capercaillie *(Tetrao urogallus* L.) in the Harz National Park.] Ph. D. Dissertation. Institut fur Vogelforschung. (in German)

Siano, R. 2005. The re-introduction of Capercaillie (*Tetrao urogallus* L.) in the Harz Mountains National Park – state of the art and a PhD project in process. Grouse News 29:16-18.

Siano, R. 2010. Überleben, Raum- Und Habitatnutzung sowie Ernährung ausgewilderter Auerhühner (*Tetrao urogallus* L.) im Nationalpark Harz. [Survival, spatial distribution, habitat use and diet of Capercaillies (*Tetrao urogallus* L.) released in the Harz Mountains National Park.] Vogelwarte 47:51-52. (in German).

Siano, R., S. A. Herzog, F. Bairlein, and K.-M. Exo. 2006. Überlebensdauer, Todesursachen und Raumnutzung gezüchteter Auerhühner (*Tetrao urogallus* L.),

ausgewildert im Nationalpark Harz. [Survival, causes of death and spacing of captive-reared Capercaillies (*Tetrao urogallus* L.) released in the Harz Mountains National Park.] Vogelwarte 44:145-158. (in German with English summary)

Sieber, U., and B. Nievergelt. 1998. Auswirkungen von Tourismus und Militar auf die Balz der Birkhahne *Tetrao tetrix* in der Moorlandschaft Schwagalp. [Effects of tourism and military activities on the display of Black Grouse cocks *Tetrao tetrix* in the mire landscape of Schwagalp.] Ornithologische Beobachter 95:81-96. (in German with English summary).

Signorell, N. 2008. Habitat management guidelines for the conservation of an emlematic species of alpine timberline ecosystems, the Black Grouse: from fine-grained habitat selection to large-scale habitat suitability modeling. Ph. D. Dissertation. University of Bern, Switzerland. 178pp.

Signorell, N., S. Wirthner, P. Patthey, R. Schranz, L. Rotelli, and R. Arlettaz. 2010. Concealment from predators drives foraging habitat selection in brood-rearing Alpine Black Grouse *Tetrao tetrix* hens: habitat management implications. Wildlife Biology 16:249-257.

Siitari, H., R. V. Alatalo, P. Halme, K. L. Buchanan, and J. Kilpimaa. 2007. Color signals in the Black Grouse (*Tetrao tetrix*): signal properties and their condition dependency. American Naturalist 169:S81-S92.

Siitari, H., R. V. Alatalo, and E. Rantanen. 2006. Investment in offspring in relation to offspring sex and egg-laying order in the lekking Black Grouse. Journal of Ornithology 147(5):109, Suppl. 1. (Abstract only).

Siitari, H., J. Viitala, and M. Hovi. 2002. Behavioural evidence for ultraviolet vision in a tetraonid species – foraging experiment with Black Grouse *Tetrao tetrix*. Journal of Avian Biology 33:199-202.

Sikharulisze, Z. D. 1974. [On the biology of *Lyrurus mlokosyewiczi*.]. Ornitologiya 11:410-415. (in Russian).

Sim, I. M. W., M. A. Eaton, R. P. Setchfield, P. K. Warren, and P. Lindley. 2008. Abundance of male Black Grouse *Tetrao tetr*ix in Britain in 2005, and change since 1995–96. Bird Study 55:304-313.

Sirkia, S. 2004. Metson (*Tetrao urogallus*) soidinpaikkojen sailyminen Varsinais-Suomen pirstoutuneessa metsamaisemassa. – Julkaisematon ekologian pro gradu –tutkielma, Turun yliopiston biologian laitos. Unpublished M. Sc. thesis in Zoology, University of Turku. (in Finnish).

Sirkia, S. 2010. Effects of large-scale human land use on Capercaillie (*Tetrao urogallus* L.) populations in Finland. Ph. D. Dissertation. University of Helsinki.

Sirkia, S. 2011. Effects of large-scale human land use on Capercaillie (*Tetrao urogallus* L.) populations in Finland – a short summary of the PhD Thesis. Grouse News 41:5-6

Sirkia, S., P. Helle, H. Linden, A. Nikula, K. Norrdahl, P. Suorsa, and P. Valkeajarvi. 2011. Persistence of Capercaillie (*Tetrao urogallus*) lekking areas depends on forest cover and fine-grain fragmentation of boreal forest landscapes. Ornis Fennica 88:14-29.

Sirkia, S., A. Linden, P. Helle, A. Nikula, J. Knape, and H. Linden. 2010. Are the declining trends in forest grouse populations due to changes in the forest age structure? A case study of Capercaillie in Finland. Biological Conservation 143:1540-1548.

Sirkia, S., J. Pellikka, and H. Linden. 2010. Balancing the needs of Capercaillie (*Tetrao urogallus*) and moose (*Alces alces*) in large-scale human land use. European Journal of Wildlife Research 56:249-260.

Sjoberg, K. 1990. [Habitat quality of Capercaillie display arenas.] Sveriges Lantbruksuniversitet Institutionen for Viltekologi Rapport Suppl. 15:21-23, 64. (in Swedish with English summary).

Sjöberg, K. 1996. Modern forestry and the Capercaillie. In: Conservation of Faunal Diversity in Forested Landscapes (DeGraaf, M., and R. I. Miller, eds.), Chapman & Hall, London, pp. 111-135.

Sjoberg, K., and H. Linden. 1991. Needles of *Pinus-sylvestris* and *Pinus-contorta* as food for captice Capercaillie *Tetrao-urogallus* preference tests and analysis of needle chemistry. Scandinavian Journal of Forest Research 6:137-143.

Skjervold, H., and H. Mjelstad. 1992. Capercaillie chicken hybrids. Journal of Animal Breeding Genetics 109:149-152.

Sladek, J. 1970. Bemerkungen über das Körpergewicht der Auerhähne. [Remarks over the body weight of the wood grouses]. European Journal of Wildlife Research 16:126-128. (in German).

Slagsvold, T., and T. Grasaas. 1979. Autumn population size of the Capercaillie *Tetrao urogallus* in relation to weather. Ornis Scandinavia 10:37-41.

Slotta-Bachmayr, L., and N. Winding. 1994. Verteilung und Siedlungsdichte von Schnee- und Birkhuhn (*Lagopus mutus, Tetrao tetrix*) im Laufe der Vegetationsperiode im Wald- und Baumgrenzebereich (Hohe Tauern, Oesterreich). [Distribution and settlement density of Rock Ptarmigan and Black Grouse (*Lagopus mutus*, *Tetrao tetrix*) in the course of the vegetation period in

the forest and timber line range (high Tauern, Austria).] Ornithol. Beob. 91:195-202. (in German with English summary).

Smith, R. 1974. Releasing captive-raised Black Grouse in Michigan. Game Bird Breeders Gazette 34(8):32-37.

Sodeikat, V. G., and U. Fehlberg. 1989. Untersuchungen zur Auswilderung von Birkhühnern (*Lyrurus tetrix* L.) in Niedersachsen. [Investigations on the release of Black Grouse (*Lyrurus tetrix*) in Lower Saxony]. European Journal of Wildlife Research 35:28-34. (In German with English summary)

Solberg, Y., and J. B. Steen, 1988. Composition of the diesters of alkane-2 3-diols of the uropygial gland of Willow Ptramigan *Lagopus lagopus*, Black Grouse *Tetrao tetrix*, and Capercaillie *Tetrao urogallus*. Norwegian Journal of Agricultural Science 2:67-71.

Solheim, R. 1993. What are Black Grouse-Capercaillie hybrids? Fauna (Oslo) 46:198-199. (in Norwegian).

Solokha, A. 1997. Surveys of the Caucasian Black Grouse in Armenia. Grouse News 14:20-23.

Soulsbury, C. D., R. V. Alatalo, C. Lebigre, K. Rokka, and H. Siitari. 2011. Age-dependent inbreeding risk and offspring fitness costs in female Black Grouse. Biology Letters XXX:XXX-XXX (online early).

Sovon. 1988. [Black Grouse in 1986 and 1987.] Limosa 61:193-194.

Sparks, T., H. Crick, N. Elkins, R. Moss, S. Moss, and K. Mylne. 2002. Birds, weather and climate. Weather 57:399-410.

Spidso, T. K. 1992. Egg size in relation to renesting in Capercaillie *Tetrao urogallus*. Fauna Norvegica Series C, Cinclus 15:63-65.

Spidso, T. K. 2011. GPS satellite telemetry used on Capercaillie *Tetrao urogallus*. Grouse News 41:25.

Spidso, T. K., O. Hjeljord, and J. G. Dokk. 1997. Seasonal mortality of Black Grouse *Tetrao tetrix* during a year with little snow. Wildlife Biology 3:205-209.

Spidsø, T. K., and N. Høvik. 1990. A pilot experiment on the effect of glyphosate on growth and survival of Capercaillie chicks. - Trans. XVIth Int. Congr. Game Biol., Strbske Pleso, Czechoslovakia 1983: 682-689.

Spidso, T. K., and H. Korsmo. 1993. Effect of acid rain on pine needles as food for Capercaillie in winter. Oecologia 94:565-570.

Spidso, T. K., and H. Korsmo. 1994. Effect of acid rain on pine needles ad food for Capercaillie in winter. Grouse News 7:17.

Spidsø, T. K., and H. Korsmo. 1994. Selection of feeding trees by Capercaillie in winter. Scandinavian Journal of Forest Research 9:180-184.

Spidsø, T. K., and M. Staurnes. 1991. Effects of aluminium on Capercaillie *Tetrao urogallus* chicks. – Transactions of the XXth International Congress of Game Biologists, Gödöllö, Hungary 1991:500-505.

Spidsø, T. K., and O. H. Stuen. 1988. Food selection by Capercaillie chicks in southern Norway. Canadian Journal of Zoology 66:279-283.

Spidsø, T. K., and O. H. Stuen. 1991. Age determination of young Capercaillie chicks. Fauna norv. Ser. C, Cinclus 14:29-32.

Spidso, T. K., and O. H. Stuen. 1994. Age determination of young Capercaillie chicks. Grouse News 7:13.

Spidso, T. K., and P. G. Thingstad. 2008. Male Capercaillie with female plumage. Grouse News 35:20-21.

Spidso, T. K., P. Wegge, and T. Storaas. 1985. Renesting in Capercaillie in southern Norway. Proceedings of the 3rd. International Grouse Symposium Pp.278-288.

Spittler, H. 1994. Wiedereinbürgerungsversuch mit Auerwild (*Tetrao urogallus* L.) im Hochsauerland. [Reintroduction trials of Capercaillie (*Tetrao urogallus* L.) in Hochsauerland/Westphalia.] Zeitschrift fuer Jagdwissenschaft 40:185-199. (in German with English abstract).

Spitzer, G. 1987. Raumorganisation und Populationsstruktur beim Auerhuhn (*Tetrao urogallus major* C.L. BREHM 1831). [Space organization and population structure with the Capercaillie (*Tetrao urogallus major* C.L. BREHM 1831).] Habilitationsschrift, Universität Wien, 153 Seiten. (in German).

Spitzer, G. 1987. [Pair formation in the Capercaillie.] Journal of Ornithology 128:380-381. (in German).

Stadler, B., R. Spaar, U. Rehsteiner, K. Bollmann, R. Schnidrig, and P. Mollet. 2008. Der Aktionsplan Auerhuhn Schweiz - Die nationale Strategie zum Schutz und zur Förderung des Auerhuhns *Tetrao urogallus* in der Schweiz. [The Swiss Action Plan for the Western Capercaillie: A national strategy for the protection and conservation of the Capercaillie *Tetrao urogallus* in Switzerland.] Ornithologische Beobachter 105:117-121. (in German with English summary).

Starling, A. E. 1992. The ecology of Black Grouse *Tetrao tetrix* in north-east England.

Ph. D. Thesis. University of Newcastle upon Tyne.

Starling-Westerberg, A. 2001. The habitat use and diet of Black Grouse *Tetrao tetrix* in the Pennine Hills of northern England. Bird Study 48:76-89

Stegmann, B. 1932. Die geographischen Formen des Birkhuhns (*Lyrurus tetrix* L.). [The geographical forms of the Black Grouse (*Lyrurus tetrix* L.).]. Journal of Ornithology 80:342-354. (in German).

Steiner, H., A. Schmalzer, and N. Puehringer. 2005. Neue Grundlagen fuer den Auerhuhn-Schutz. [New bases for Capercaillie protection.] Oeko-L 27:27-32. (in German).

Steiner, H., A. Schmalzer, and N. Puehringer. 2005. Schutz fuer Raufusshuehner - aber wie? [Conservation of grouse - but how?] Vogelkundliche Nachrichten aus Oberoesterreich Naturschutz Aktuell 13:1-32. (in German with English summary)

Steiner, H., A. Schmalzer, and N. Puehringer. 2007. Limiterende Faktoren fuer Auerhuhn (*Tetrao urogallus*), Birkhuhn (*Tetrao tetrix*) und Haselhuhn (*Bonasa bonasia*) nach Untersuchungen im Nationalpark Kalkalpen. [Capercaillie (*Tetrao urogallus*), Black Grouse (*Tetrao tetrix*), and Hazel Grouse (*Bonasa bonasia*) in 'Kalkalpen' national park: populations, habitats and management. Denisia 21, 15 November 2007:1-148. (in German with English summary).

Stelzl, H. 1987. Auswirkungen waldbaulicher Maßnahmen auf die Biotopattraktivität für Auerwild (*Tetrao urogallus*) am Rosenkogel in der Steiermark. [Effects of forest-structural measures on biotope attractiveness for Capercaillie (*Tetrao urogallus*) at the Rosenkogel in the Steiermark.] Diplomarbeit, Universität für Bodenkultur, Wien, 98 Seiten. (in German).

Sterwerf, W. 2004. Birkhahnbalz in Schweden. [Black Grouse courtship in Sweden.] Gefiederte Welt 128(7):212-213. (in German).

Stettler, M., and R. Christen. 2010. Vielfältiger Lebensraum, Ruhe, Sensibilisierung – Auerhuhnförderung auf drei Ebenen. [A diverse habitat, tranquillity, awareness raising – Capercaillie conservation on three levels.] Schweizerische Zeitschrift fur Forstwesen 161:258-263. (in German with English summary).

Stettler, M., R. F. Graf, and N. Zbinden. 2010. Aufzuchtshabitate für Auerhühner – ein Experiment mit Haushuhnküken**.** **[**Capercaillie chick habitat – an experiment with barn fowl chicks.] Schweizerische Zeitschrift fur Forstwesen 161:264-270. (in German with English summary).

Stevenson, G. B. 2007. An historical account of the social and ecological causes of Capercaillie *Tetrao urogallus* extinction and reintroduction in Scotland. M. Sc.

Thesis. University of Stirling.

Stieve, H. 1931. Chromatophoren im Hoden des Auerhahnes (*Tetrao urogallus* L.) und des Birkhahnes (*Lyrurus tetrix* L.). [Chromatophores in the testicles of the Capercaillie (*Tetrao urogallus* L.) and the Black Grouse (*Lyrurus tetrix* L.).] Z. mikr. anat. Forsch. Leipzig 25:441-454. (in German).

Stiftar, T. 2003. Pregled favne clenonozcev in prehrana rovk na vzorcnih rastiscih divjega petelina (*Tetrao urogallus* Linné) v gozdnih tipih vzhodnih Alp : diplomsko delo. Ph. D. Dissertation (in Slovenian).

Storaas, T. 1988. A comparison of losses in artificial and naturally occurring Capercaillie nests. Journal of Wildlife Management 52:123-126.

Storaas, T., L. Kastdalen, and P. Wegge. 1999. Detection of forest grouse by mammalian predators: a possible explanation for high brood losses in fragmented landscapes. Wildlife Biology 5:187-192.

Storaas, T., L. Kastdalen, and P. Wegge. 2001. Forest fragmentation increases brood mortality of grouse by mammalian predators: a hypothesis. Suomen Riista 47:86-93.

Storaas, T., and P. Wegge. 1987. Nesting habitats and nest predation in sympatric populations of Capercaillie and Black Grouse. Journal of Wildlife Management 51:167-172

Storaas, T., and P. Wegge. 1997. Relationships between patterns of incubation and predation in sympatric Capercaillie *Tetrao urogallus* and Black Grouse *T. tetrix*. Wildlife Biology 3:163-167.

Storass, T., P. Wegge, and L. Kastdalen. 2000. Weight-related renesting in Capercaillie *Tetrao urogallus*. Wildlife Biology 6:299-303.

Storaas, T., P. Wegge, and B. Larsen. 1982. Nest predation among Capercaillie and Black Grouse as affected by habitat location and cover. *IN*: Proceedings of the Second International Symposium Grouse, 16-20 March 1981, pp. 131-138. T.W.I. Lovel (Ed.), World Pheasant Association.

Storch, I. 1991. Habitat fragmentation, nest site selection and nest predation risk in Capercaillie. Ornis Scandinavia 22:213-217.

Storch, I. 1991. Telemetry studies on Capercaillie in the Alps. Grouse News 2:11-12.

Storch, I. 1993. Habitat use and spacing of of Capercaillie in relation to forest fragmentation patterns. Ph. D. Dissertation. University of Munich. 97pp.

Storch, I. 1993. Habitat selection of Capercaillie in summer and autumn: is bilberry important? Oecologia 95:257-265.

Storch, I. 1993. Patterns and strategies of winter habitat selection in alpine Capercaillie. Ecography 16:351-359.

Storch, I. 1993. Forest structure, landscape mosaic, and Capercaillie conservation: A central European perspective. Proceedings of the 21st. Congress of the International Union of Game Biologists. Pp. 120-125.

Storch, I. 1994. Habitat and survival of Capercaillie *Tetrao urogallus* nests and broods in the Bavarian Alps. Biological. Conservation 70:237-243.

Storch, I. 1995. The role of bilberry in central European Capercaillie habitats. Proceedings of the 6th. International Grouse Symposium. Pp. 116-120.

Storch, I. 1995. Habitat requirements of Capercaillie. Proceedings of the 6th. International Grouse Symposium. Pp. 151-154.

Storch, I. 1995. Annual home ranges and spacing patterns of Capercaillie in central Europe. Journal of Wildlife Management 59:392-400.

Storch, I. 1995. Annual home ranges and spacing patterns of Capercaillie in Central Europe. Grouse News 10:9.

Storch, I. 1997. Male territoriality, female range use, and spatial organisation of Capercaillie *Tetrao urogallus* leks. Wildlife Biology 3:149-161.

Storch, I. 1997. The role of the metapopulation concept in conservation of European woodland grouse. Wildlife Biology 3:272. Abstract only.

Storch, I. 1997. The importance of scale in habitat conservation for an endangered species; the Capercaillie in central Europe. *In* Bissonette, J. A. (Ed.). Wildlife and Landscape Ecology: effects of pattern and scale. Springer-Verlag. New York. Pp. 310-330.

Storch, I. 2000. An overview to population status and conservation of Black Grouse worldwide. Cahiers d'Ethologie 20:153-164.

Storch, I. 2001. Capercaillie-BWP update. Journal of the Birds of the Western Paleartic 3:1-24.

Storch, I. 2002. On spatial resolution in habitat models: can small-scale forest structure explain Capercaillie numbers? Conservation and Ecology 6(1) online publication.

Storch, I. 2003. The Capercaillie and the question of survival. German Research 3/2003:24-28.

Storch, I. 2005. Population status and conservation of Black Grouse worldwide: an update. Pp. 79-85 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Storch, I. 2007. Assessing grouse habitats in the Alps: the complication of small-scale spatiotemporal variation in rainfall patterns. Pp. 143-154 *in* Temporal Dimensions of Landscape Ecology: Wildlife Responses to Variable Resources. J. A. Bissonette and I. Storch (Eds.). Springer. New York.

Storch, I. 2010. Translocation under way to prevent extinction of the Röhn Black Grouse, Germany. Grouse News 39:40.

Storch, I., M. J. Banuelos, A. Fernandez-Gil, J. R. Obeso, M. Quevedo, and R. Rodriquez-Munoz. 2006. Subspecies Cantabrian Capercaillie *Tetrao urogallus cantabricus* endangered according to IUCN criteria. Journal of Ornithology 147:653-655.

Storch, I., C. Schwarzmuller, and D. von den Stemmen. 1992. The diet of Capercaillie in the Alps: a comparison of hens and cocks. *In*: Congress of International Union of Game Biologists. Pp.630-635.

Storch, I., and G. Segelbacher. 2000. Genetic correlates of spatial population structure in central European Capercaillie *Tetrao urogallus* and Black Grouse *T. Tetrix*: a project in progress. Wildlife Biology 6:305-310.

Storch, I., and G. Segelbacher. 2005. Two grouse clutches in the same nest: evidence for nest site adoption in Capercaillie (*Tetrao urogallus*). Journal of Ornithology 146:85-88.

Storch, I., and T. Willebrand. 1991. Workshop summary : Management implications of nest and brood predation in grouse. Proceedings of the 5th International Grouse Symposium, Elverum, Norway, 20-24 August 1990. Ornis Scandinavica. 22:271-274.

Storch, I., E. Woitke, and S. Kreiger. 2005. Landscape-scale edge effect in predation risk in forest-farmland mosaics of central Europe. Landscape Ecology 20:927-940.

Strand, T. M., and J. Hoglund. 2011. Genotyping of black grouse MHC class II B using Reference Strand-Mediated Conformational Analysis (RSCA). BMC Research Notes 2011, 4:183.

Strand, T., H. Westerdahl, J. Hoglund, R. V. Alatalo, and H. Siitari. 2007. The Mhc

class II of the Black Grouse (*Tetrao tetrix*) consists of low numbers of B and Y genes with variable diversity and expression. Immunogenetics 59:725-734.

Strausmanis, J. 2007. Vai mednu medibam draud rubenu un sloku medibu liktenis? [Hunting of Capercaillies (*Tetrao urogallus*) in Latvia.] Medibas. Makskeresana. Daba. 2007(4):24-27. (in Latvian).

Strauss, E. 1991. Decline of Black Grouse. Grouse News 1:3.

Strauss, E. 1996. Untersuchungen zu moglichen Ruckgangsursachen des Birkwildes (*Tetrao tetrix* L.) in Oberschwaben. [Investigations to possible decrease causes of the Black Grouse (*Tetrao tetrix* L.) in upper Swabia]. Ph.D. Dissertation, Eberhard Karls Universitaet Tuebingen, Germany. (in German).

Strauss, E., D. Ammermann, S. Bauer, and S. Hovel. 2000. The decline of a Black Grouse population in a fragmented moor landscape. Cahiers d'Ethologie 20:361-380.

Strauss, E., and A. Schreiber A. 1996. Morphometric and genetic differentiation of the Black Grouse lineages bred at the IWF. Proceedings of the International Union of Game Biologists (IUGB) XXII Congress 22:431.

Strauss, E., A. Schreiber, and T. Weitzel. 1995. Aspekte populationsgenetischer und morphometrischer Variabilität mitteleuropäischer Restbestände des Birkwildes. [Aspects of population-genetic and morphometric variability of Central European residues of the Black Grouse.] Naturschutzreport - Ökologie und Schutz der Rauhfußhühner Nr. 10: 203-216. (in German).

Strauss, E., A. Schreiber, and T. Weitzel. 1995. Morphometric and genetic differentation of the Black Grouse lineages bred at the Institute for Wildlife Research at Hanover, Germany. Proceedings of the International Grouse Symposium 6:165.

Streule, A. 1973. Schäden in Gebirgsaufforstung durch das Birkhuhn (*Lyrurus tetrix*). [Damage in mountain afforestation by the Black Grouse (*Lyrurus tetrix*).] (in German).

Strothmann, A. 1984. Spontaneous fracture-healing in Black Cocks – a demonstration. Kleintierpraxis 29(5):269-270.

Strothmann, A. 1984. Kyphoscoliosis in Black Grouse. Kleintierpraxis 29(8):435-438.

Strothmann, A. 1985. A report on diseases of Black Grouse. Kleintierpraxis 30(6): 317-322.

Strothmann-Lüerssen, A, and M. Friederichs. 1989. Untersuchungen zur Trinkwasservaccination gegen Newcastle Disease beim Birkwild (*Lyrurus tetrix*

L., 1758). [Investigations on the drinking water vaccination of Black Grouse (*Lyrurus tetrix* L. 1758) against Newcastle Disease]. European Journal of Wildlife Research 35:41-49. (In German with English summary).

Studer, J. 2004. Rueckgang des Auerhuhnes im Kanton Freiburg: Ursachen und Aussichten. [Decline of the Black Grouse in Fribourg canton: causes and prospects.] Bulletin de la Societe Fribourgeoise des Sciences Naturelles 93:69-83. (in German).

Stuen, O. H. and T. K. Spidsø. 1988. Invertebrate abundance in different forest habitats as animal food available to Capercaillie *Tetrao urogallus* chicks. Scandinavian Journal of Forest Research 3: 527-532.

Stuve, G., M. Hofshagen, and G. Holt. 1992. Necrotizing lesions in the intestine, gizzard, and liver in captive Capercaillies (*Tetrao urogallus*) associated with *Clostridium perfringens*. Journal of Wildlife Diseases 28:598-602.

Stuwe, G. 1989. Von Schneegängen und Schneehöhlen des Birkwildes (*Lyrurus tetrix*, L.) in Finnland. [On snow tunnels and burrows of Black Grouse (*Lyrurus tetrix* L.) in Finnland]. European Journal of Wildlife Research 35:164-173. (in German with English summary).

Suarez-Seoane, S., and P. Garcia-Roves. 2004. Do disturbances in surrounding areas affect a core population of Cantabrian Capercaillie *Tetrao urogallus cantabricus*? The case of the Natural Reserve of Muniellos (Asturias, NW Spain). Ardeola 51:395-409.

Suchant, R. 1991. Habitat-management for Capercaillie (*Tetrao urogallus*) and Hazel Grouse (*Bonasa bonasia*) in the Black Forest. Proceedings of the 20th. Congress of the International Union of Game Biologists. Pp. 506-514

Suchant, R. 1992. [Habitat structure mapping for Capercaillie and Hazel Grouse in the central Black Forest]. Allgemeine Forst Zeitschrift fuer Waldwirtschaft und Umweltvorsorge 47:32-34. (in German).

Suchant, R. 1995. Silvicultural measures for the improvement of grouse habitats in the Black Forest. Proceedings of the 6th. International Grouse Symposium. Pp. 121-125.

Suchant, R. 2002. Die Entwicklung eines mehrdimensionalen Habitatmodells fur Auerhuhnareale (*Tetrao urogallus*) als Grundlage fur die Integration von Diversitat in die Waldbaupraxis. [The development of a multidimensional Habitat models for Capercaillie (*Tetrao urogallus*) as basis for the integration of diversity into silviculture practice.] Schriftenreihe Freiburger Forstiche Forschung 16:331 Ph. D. Dissertation, 331pp. (in German).

Suchant, R., and V. Braunisch. 2004. Multidimensional habitat modelling in forest management – a case study using Capercaillie in the Black Forest, Germany. Ecol. Bull. 51:455-649.

Suchant, R., and V. Braunisch. 2005. Grouse and tourism in Natura 2000 areas – guidelines for an integration of nature conservstion and nature use. FVA/EU-LIFE-Nature Fonds, 32pp.

Suchant, R., and V. Braunisch. 2008. Rahmenbedingungen und Handlungsfelder fur den Aktionsplan Auerhuhn. [Basic conditions and action fields for the plan of action for Capercaillie.] Forstliche Versuchs- und Forschungsanstalt Baden-Württemberg. 69pp. (in German).

Suchant, R., and R. Roth. 1998. Tourism in the Black Forest – danger for the Capercaillie. Grouse News 15:13-17.

Suchant, R., and A. Schafer. 2002. Integrating tourism and grouse habitat protection in the Black Forest. Pp. 95-101 in: Arnberger, A., Brandenburg, C., and Muhar, A. (eds.), Monitoring and management of visitor flows in recreational and protected areas. Conference Proceedings, Vienna.

Sultanov, E. 2004. Conservation of Caucasian Black Grouse in Azerbaijan. Grouse News 28:7-8.

Sultanov, E. 2006. Surveys in Caucasian Black Grouse habitats in Azerbaijan. Grouse News 31:25-28.

Sultanov, E., T. Karimov, S. Klaus, and J. Etsold. 2003. Qafqaz tetrasi. [The Caucasian Grouse.] Baku, Azerbaijan, Azerbaijan Ornithological Society. 32 pp. (in Azeri with English summary).

Summers, R. W. 1998. The length of fences in Highland woods: the measure of a collision hazard to woodland birds. Forestry 71:73-76.

Summers, R. W., and D. Dugan. 2001. An assessment of methods used to mark fences to reduce bird collisions in pinewoods. Scottish Forestry 55:23-29.

Summers, R., D. Dugan, and K. Kortland. 2004. Measuring avoidance of tracks by Capercaillie in Scots pine woodland. Report to SNH, FCS, and RSPB.

Summers, R. W., D. Dugan, and R. Proctor. 2010. Numbers and breeding success of Capercaillies *Tetrao urogallus* and Black Grouse *T. tetrix* at Abernethy Forest, Scotland. Bird Study 57:437-446.

Summers, R. W., R. E. Green, R. Proctor, D. Dugan, D. Lambie, R. Moncrieff, R. Moss, and D. Baines. 2004. An experimental study of the effects of predation

on the breeding productivity of Capercaillie and Black Grouse. Journal of Applied Ecology 41:513-525.

Summers, R. W., J. McFarlane, and J. W. Pearce-Higgens. 2007. Measuring avoidance by Capercaillies *Tetrao urogallus* of woodland close to tracks. Wildlife Biology 13:19-27.

Summers, R. W., R. Proctor, and S. I. H. Shaw. 1995. Lek habitats of Capercaillie at Abernethy Forest, Strathspey. Scottish Birds 18:11-19.

Summers R. W., R. Proctor, M. Thorton, and G. Avey. 2004. Habitat selection and diet of the Capercaillie *Tetrao urogallus* in Abernathy Forest, Strathspey, Scotland. Bird Study 51:58-68.

Summers, R. W., J. Willi, and J. Selvidge. 2008. Capercaillie nest attendance and survival. RSBP Research Report 29. 22pp.

Summers, R. W., J. Willi, and J. Selvidge. 2009. Capercaillie *Tetrao urogallus* nest loss and attendance at Abernethy Forest, Scotland. Wildlife Biology 15:319-327.

Suter, W., K. Bollmann, and R. Holderegger. 2007. Landscape permeability: From individual dispersal to population persistence. Pp. 157-174 *IN*: A changing world: challenges for landscape research (F. Kienast, O. Wildi, and S. Ghosh, editors). Springer. (Capercaillie).

Suter, W., and R. F. Graf. 2008. Das Auerhuhn - Eine naturschutzbiologische Betrachtung. [The Western Capercaillie - A view from conservation biology.] Ornithologische Beobachter 105:17-32. (in German with English summary).

Suter, W., R. F. Graf, and R. Hess. 2002. Capercaillie (*Tetrao urogallus*) and avian biodiversity: testing the umbrella-species concept. Conservation Biology 16:778-788.

Sutter, E. 1975. Duration and pattern of postjuvenile wing moult in Black Grouse and Pheasant. Proceedings of the International Ornithological Congress 15:692.

Svobodova, J. 2005. Nehasnouci hvezda - tetrivek obecny (*Tetrao tetrix*). [Undying star - the Black Grouse (*Tetrao tetrix*).] Sylvia 41:17-34. (in Czech with English summary).

Svobodova, J., T. Albrecht, and M. Salek. 2005. The relationship between predation risk and occurrence of Black Grouse (*Tetrao tetrix*) in a highly fragmented landscape: An experiment based on artificial nests. Ecoscience-Quebec 12:421-427.

Svobodova, J., M. Salek, and T. Albrecht. 2005. Do forest infrastructure affect nesting success of Black Grouse? An experiment based on artificial nests. P. 104 *in*:

Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005. Abstract only.

Svobodova, J., M. Salek, and T. Albrecht. 2007. Roads do not increase predation on experimental nests in a highly fragmented forest landscape. Folia Zoologica 56:84-89.

Svobodova, J., G. Segelbacher, and J. Hoglund. 2011. Genetic variation in Black Grouse populations with different lekking systems in the Czech Republic. Journal of Ornithology 152:37-44.

Swenson, J. E., and P. Angelstam. 1993. Habitat speration by sympatric forest grouse in Fennoscandia in relation to boreal forest succession. Canadian Journal of Zoology 71:1303-1310.

Taapken, J. 1982. [Black Grouse introduced to the Gooi Heath.] Vogeljaar 30:175.

Tait, N. 1995. Capercaillie on Loch Lomondside. Glasgow Naturalist 22:535-537.

Tarchov, S. V. 1988. [Winter diet of Black-billed Capercoillie [Capercaillie] (*Tetrao parvirostris*) in relation to the ecology of Siberian larch (*Larix sibirica*).] Ornitologiya 23:138-146. (in Russian with English summary).

Taylor, W. L. 1948. The Capercaillie in Scotland. Journal of Animal Ecology 17:155-157.

Tegner, H. 1964. Operation Capercaillie. 2. Methods of reintroduction . . . where the birds might thrive. Gamekeeper 64:129-130.

Telepnev, V. G. 1986. [Migratory movements of the Capercaillie in Western Siberia.] pp.218-224 *IN*: E. I. Gavrilov, and Y. S. Ravkin (eds.). Migratsii ptits v Azii. [Bird migration in Asia.] Nauka, Novosibirsk. (in Russian).

Temple-Lang, J., and M. Cocker. 1991. A nest of Caucasian Black Grouse *Tetrao mlokosiewiczi* in Turkey. Sandgrouse 13:102-103.

Ten Den, P. G. A., H. A. H. Jansman, and F. J. J. Niewold. 2006. Research and recommendations to the benefit of the completely isolated Black Grouse population in the Netherlands. Grouse News 32:13-17.

Ten Den, P. G. A., and F. J. J. Niewold. 2000. The Black Grouse in the Netherlands: monitoring the last (?) surviving population. Cahiers d'Ethologie 20:299-310.

Teplov, V. P. 1947. Capercaillie in Petchora-Ilich Reserve - Trans. Petcoro-Ilich Reserve. Moscow 4(1):3-76.

Teplov, V. P. 1947. To the ecology of grouse in Petchora-Ilich Reserve - Trans.

Petcoro-Ilich Reserve. Moscow 4(1):123-167. (Capercaillie).

Tesar, T. 2002. Habitateignung für Auerwild in den Ausläufern der nördlichen Kalkalpen. [Habitat suitability for Capercaillie in the foothills of the northern Lime Alps.] Diplomarbeit, Universität für Bodenkultur, Wien, 66 Seiten. (in German).

Thiel, D. 2002. Effects of forest size and forest fragmentation on predation rate of artificial nests in two regions of the Swiss Alps. Diploma Thesis. University of Zurich. 22pp. (Capercaillie).

Thiel, D. 2006. How susceptible are Capercaillie to human disturbances – endocrinological and space behavioural stress responses to anthropogenic disturbances. Ph. D. Dissertation. University of Zurich.

Thiel, D., and K. Bollmann. 2002. Effects of forest size and forest fragmentation on predation rate of artificial ground nests in two regions of the Swiss Alps. Grouse News 23:4-5. (Capercaillie).

Thiel, D., S. Ehrenbold, and T. Roth. 2005. Grosse Wintergruppen und Winterbalz beim Auerhuhn *Tetrao urogallus*. [Large winter groups and early displaying behaviour of Capercaillie *Tetrao urogallus*.] Ornithologische Beobachter 102:42-46. (in German with English summary).

Thiel, D., S. Jenni-Eiermann, V. Baunisch, R. Palme, and L. Jenni. 2008. Ski tourism affects habitat use and evokes a physiological stress response in Capercaillie *Tetrao urogallus*: a new methodological approach. Journal of Applied Ecology 45:845-853.

Thiel, D., S. Jenni-Eiermann, and L. Jenni. 2008. Der Einfluss von Freizeitaktivitäten auf das Fluchtverhalten, die Raumnutzung und die Stressphysiologie des Auerhuhns *Tetrao urogallus*. [Effects of recreation activities on flushing behaviour, habitat use and stress physiology of Western Capercaillie *Tetrao urogallus*.] Ornithologische Beobachter 105:85-96 (in German with English summary).

Thiel, D., S. Jenni-Eiermann, and R. Palme. 2005. Measuring corticosterone metabolites in droppings of Capercaillie (*Tetrao urogallus*). Annals of the New York Academy of Science 1046:96-108.

Thiel, D., S. Jenni-Eiermann, R. Palme, and L. Jenni. 2011. Winter tourism increases stress hormone levels in the Capercaillie *Tetrao urogallus*. Ibis 153:122-133.

Thiel, D., E. Menoni, J.-F. Brenot, and L. Jenni. 1007. Effects of recreation and hunting on flushing distance of Capercaillie. Journal of Wildlife Management 71:1784-1792.

Thiel, D., F. Rudmann, and G. Segelbacher. 2005. Dropping of a Capercaillie female *Tetrao urogallus* in a cattle shed. Ornithologische Beobachter 102:297-298. (in German with English abstract).

Thiel, D., C. Unger, M. Kéry, and L. Jenni. 2007. Selection of night roosts in winter by Capercaillie *Tetrao urogallus* in central Europe. Wildlife Biology 13 (Suppl. 1):73-86.

Thingstad, P. G. 1999. Predicting autumn population sizes of tetraonid game birds from reproductive data of Pied Flycatcher *Ficedula hypoleuca*. Biological Conservation 87:143-148.

Tirskii, D. I. 2003. [Tetraonids of the Olekminsky Nature Reserve southeastern Yakutia, Russia.] Ornitologiya 30:44-50. (in Russian with English summary).

Tirskii, D. I. 2009. [Special features of the biology of the Siberian Capercaillie (*Tetrao parvirostris*) in the Olekminsky Nature Reserve.] Zoologicheskii zhurnal 88:209-220. (in Russian).

Tiso, M. 2009. Caratterizzazione descrittiva di interventi di miglioramento ambientale per il fagiano di monte (*Tetrao tetrix* L.) in Valsugana (Trentino). [Descriptive characterization of actions for the improvement of Black Grouse (*Tetrao tetrix*) habitat in Valsugana (Trentino, NE Italy)]. B. Sc. Thesis. University of Padova. (in Italian with English abstract).

Toft, G. O. 2007. Rakkelhanen, hvorfor opptrer denne hybriden mellom storfugl og orrfugl? [Why does the Rackelhahn, the hybrid between the Capercaillie (*Tetrao urogallus*) female and the Black Grouse, (*Tetrao tetrix*) male occur? Stavanger Museum Arbok 115:145-163. (in Norwegian with English summary).

Toheltsov-Bebutov, A. M. 1965. Biological significance of the Black Grouse mating, in the light of the sexual selection theory. Ornitologiya 7:389-397.

Toien, O. 1993. Dynamics of heat transfer to cold eggs in incubating bantam hens and a Black Grouse. Journal of Comparative Physiology B. 163:182-188.

Topley, W. 1876. The Capercailzie in Northumberland. Nature 15(366):7-8.

Tornberg, R. 2001. Pattern of Goshawk *Accipiter gentiles* predation on four forest grouse species in northern Finland. Wildlife Biology 7:245-256.

Tornberg, R. 2001. Goshawk predation and long and short-term population changes in grouse. Linnut 36:6-10.

Tornberg, R. 2005. The response of the Goshawk *Accipiter gentilis* to changing grouse

Tetraonidae sp. populations. Pp. 160-167 In: Status of raptor populations in eastern Fennoscandia. Proceedings of the workshop, Kostomuksha, Karelia, Russia, Nov. 8-10, 2005.

Tornberg, R., P. Helle, and E. Korpimaki. 2011. Vulnerability of Black Grouse hens to Goshawk predation: result of food supply or predation facilitation? Oecologia XXX:XXX-XXX (online early).

Tornberg, R., E. Korpimaki, S. Jungell, and V. Reif. 2005. Delayed numerical response of Goshawks to population fluctuations of forest grouse. Oikos 111:408-415.

Tosi, G., G. Bianchi, M. Bottazzo, U. Bressan, M. Capretti, E. Carlini, M. Cereda, M. Favaron, N. Gallinaro, L. Pedrotti, D. Preatoni, G. Scherini, W. Tosi, and L. Wauters. 2005. Il Gallo cedrone (*Tetrao urogallus*) in Lombardia: biologia e conservazione. [The Capercaillie (*Tetrao urogallus*) in Lombardy: Biology and conservation.] Parco Nazionale dello Stelvio, Parco delle Orobie Valtellinesi, Comunità Montana Parco Alto Garda Bresciano, Sondrio, 128 pp. (in Italian).

Trout, R., C. Quine, D. Dugan, and R. Summers. 2001. Alternative deer fences in core Capercaillie and Black Grouse habitats: an interim best guidance note. Forest Research, and RSPB Scotland. 10pp.

Tschirch, W. 2005. Auerwild und Infraschall. [Capercaillies and infrasonic sound.] Beitraege zur Jagd- und Wildforschung 30:141-145. (in German with English summary).

Tschunko, E. 2000. Nest predation on ground nesting birds in Bavaria in relation to the distance to farmland and habitat structure. Grouse News 20:10-11.

Tukallo, W. 1927. Wspomina o gluszce na Polesiu. [Reminiscences about Capercaillie in Palessia.]. Lowiec Polski 18:115-116. (in Polish).

Tyurin, P. S. 1957. The Black Grouse (*Lyrurus tetrix* L.) in Kirghizia. Trudy Inst. zool. parasitol. Akad. Nauk Kirghiz. S.S.R. Frunze 6:97-104.

Udvardy, M. D. F. 1956. Contributions to the knowledge of the body temperature of birds. Zool. Bidr. 30:25-42. (Capercaillie).

Unger, C. 2009. Translokation russischer Auerhühner *Tetrao urogallus* nach Thüringen Raum- und Habitatnutzung, Populationsbiologie. [Translocation of Russian Capercaillie *Tetrao urogallus* to Thuringia - space and habitat use, population biology.] Ph. D. Dissertation, Jena University. (in German).

Unger, C. 2010. Translokation russischer Auerhühner *Tetrao urogallus* nach Thüringen: Raum- Und Habitatnutzung, Populationsbiologie. [A translocation project using

Russian Capercaillie *Tetrao urogallus* to Thuringia, space and habitat use, population biology.] Vogelwaite 48:137-138. (in German).

Unger, C., and S. Klaus. 2007. Die Situation des Auerhuhns in Thueringen - Ergebnisse der aktuellen Forschung. [The status of the Capercaillie in Thuringia - results of current research.] Landschaftspflege und Naturschutz in Thueringen 44:104-112. (in German).

Unger, C., and S. Klaus. 2008. A translocation study using Capercaillie *Tetrao urogallus* from central Russia. Grouse News 36:16-19.

Unger, C., and S. Klaus. 2008. Ueberlebensraten and Todesursachen umgesiedelter russischer Auehuehner in Thueringen and der Einfluss der Jahreszeit and der Habitat-qualitaet auf ihr Fluchtverhalten. [Survival rates and mortality causes of translocated Russian Capercaillies in Thuringia and the influence of season and habitat quality on their fleeing behaviour.] Acta Ornithoecologica 6:143-155. (in German).

Unger, C., and S. Klaus. 2009. [Life expectancy and causes of death of relocated Capercaillies *Tetrao urogallus* in Thuringia.] Ornithologischer Anzeiger 48:50-55. (in German with English summary).

Unger, C., and S. Klaus. 2009. Bildung fester Winternutzungszentren von umgesiedelten russischen Auerhuehnern in Thueringen. [Settlement in overwintering sites of translocated Russian Capercaillies in Thuringia.] Osnabruecker Naturwissenschaftliche Mitteilungen 35:281-286 (in German with English abstract).

Unger, C., and S. Klaus. 2010. Einfluss der topographischen Faktoren Hoehenlage, Hangneigung und Exposition auf die Habitatwahl umgesiedelter russischer Auerhuehner *Tetrao urogallus* in Thueringen. [Influence of the topographical factors altitude, slope inclination, and aspect on habitat choice of Capercaillies *Tetrao urogallus* translocated from Russia to Thueringen.] Anzeiger des Vereins Thueringer Ornithologen 7:49-56. (in German with English abstract).

Usakov, V. 1910. [Mating behavior of the Black Grouse.] Nasa ochota 4:26-37. (in Russian).

Ussher, R. J. 1908. Supposed Black Grouse and Ptarmigan from Irish Caves. Britsih Birds 2:167-168.

Valanne, K. 1966. [Incubation behaviour and temperature of Capercaillie (*Tetrao urogallus*) and Willow Grouse (*Lagopus lagopus*).] Suomen Riista 19:30-41. (in Finnish with English summary).

Valentina, A., C. Miquel, M. A. Nawaz, E. Bellemain, E. Coissac, F. Pompanon, L.

Gielly, C. Cruaud, G. Nascetti, P. Wincker, J. E. Swenson, and P. Taberlet. 2009. New perspectives in diet analysis based on DNA barcoding and parallel pyrosequencing: the *trn*L approach. Molecular Ecology Resources 9:51-60. (Western Capercaillie).

Valkejarvi, P., and L. Ijas. 1983. [Black Grouse at Petajavesi.] Luonnon Tutkija 87(2):75. (in Finnish).

Valkeajarvi, P., and L. Ijas. 1986. Metson soidinpaikkavaatimuksista KeskiSuomessa. [On the display requirements of Capercaillie in central Finland.] Suomen Riista 33:5-18. (in Finnish with English summary).

Valkeajärvi, P., and L. Ijäs. 1989. The winter ecology of the Black Grouse and the effects of artificial winter feeding in Finland. Suomen Riista 35:43-60.

Valkeajarvi, P., and L. Ijas. 1994. Ruokittujen ja ruokkimattomien teerien pesintamenestyksen vertailu Keski-Suomessa. [Comparison of breeding success between fed and unfed Black Grouse in central Finland.] Suomen Riista 40:98-109. (in Finnish).

Valkeajarvi, P., L. Ijas, and T. Lamberg. 2007. Metson soidinpaikat vaihtuvat – lyhyen ja pitkän aikavälin havaintoja. [Capercaillie display grounds move – short and long term observations.] Suomen Riista 53:104-120. (in Finnish with English summary).

Vallon, G. 1910. Su due interessanti ibridi catturati nel Friuli (*Fringilla coelebs* con *F. montifringilla*; *Tetrao urogallus* con *Lyrurus tetrix*). [On two interesting captured hybrids in the Friuli (*Fringilla coelebs* with *F. montifringilla*; *Tetrao urogallus* with *Lyrurus tetrix*).] Riv. ital. Orn. 1:82-83. (in Italian).

Van den Berg, A. B., and C. A. N. Bosman. 1987. Caucasian Black Grouse and Caspian Snowcock. Dutch Birding 9(4):179-180.

Van der Lans, H. E. 1988. [The Black Grouse (*Tetrao tetrix*) under threat! A theory.] Vogeljaar 36:234-240. (in Dutch).

Van der Veen, J. 2007. Alltfor tufft for tuff tjader. [Much too tough for the tough Capercaillie.] Var Fagelvarld 66(3):10-13. (in Swedish).

van-Vessem J., P. De-Becker, and H. Pootemans. 1990. Reintroduction experiment of Black Grouse at the Kalmthout Heath, Flanders (Belgium) in: Future of Wild Galliformes in the Netherlands (Lumeij J T & Hoogeveen Y R, eds), Proc. Symp. Wageningen: 136-145.

Vasilenko, V. G., A. I. Cherepanov, and S. S. Folitarek. 1972. [Sex ratio and some peculiarities in the behaviour of the Capercaillie and grouse population in

southern Ural.] pp. 309-310 In: [Zoological problems of Siberia (Reports of the fourth Conference of Zoologists of Siberia).] (in Russian).

Vetter, D., and I. Storch. 2009. Umbrella Species: Effective conservation tool or theoretical construct? Validity of the concept and selection criteria using the example of birds. Naturschutz und Landschaftsplanung 41:341-347. (Western Capercaillie) (In German with English summary).

Vigil, A., and L. A. Alvarez. 2005. Los ciervos invaden el habitat del urogallo. [Deer invade the habitat of the Capercaillie.] Quercus 232:14-20. (in Spanish).

Viht, E. 1971. The behaviour of grouse at spring lekking-time. Eesti Loodus 14:368-371.

Viht, E. 1983. [The Capercaillie and man.] Eesti Loodus 26(3):171-178. (in Estonian with English summary).

Viht, E. 1991. Size and forest structure of display grounds of Capercaillie *Tetrao urogallus pleskei* at Alutaguse, North-East Estonia in 1979-1989. Proceedings of the 5th International Grouse Symposium, Elverum, Norway, 20-24 August 1990. Ornis Scandinavica. 22:294.

Viht, E. 1991. Size of display grounds of Capercaillie. Grouse News 1:8.

Viht, E. 1995. Long-term studies of tetraonids in Estonia. Naturschutzreport 10:63-72.

Viht, E. 1997. Forest characteristics of Capercaillie *Tetrao urogallus* display grounds and their surroundings in Estonia. Wildlife Biology 3:291. Abstract only.

Viht, E. 1997. Protection of the Capercaillie *Tetrao urogallus* in Estonia. Wildlife Biology 3:293. Abstract only.

Viht, E., and T. Randla. 2002. The Capercaillie: status of the Estonian population and its survival prospects. Hirundo Supplementum 5:1-48.

Viht, E., and T. K. Spidso. 1995. Status and protection of Capercaillie in Estonia. Grouse News 9:9-10.

Viio, T. 2006. Polymorphism and expression of MHC class II genes in a lekking bird, the Black Grouse. Journal of Ornithology 147:48-49 (suppl. 1, abstract only).

Villanueva, R. L. 2011. Implementación de una red telemática que facilite el anillamiento de la hembra de urogallo. [Deployment of an IP camera network which aims to determine the time when Western Capercaillie hatch out of eggs, in order to ring the female birds.] B. Sc. Thesis. Universitat Oberta de Catalunya. (in Spanish with English abstract).

Vitovich, O. A. 1995. [Ecology of the Caucasian Black Grouse.] Trudy Teberd. Gos. Zapov. 10:165-309. (in Russian).

Volk, H. 1983. Wintersport und Biotopschutz, hat das Auerhuhn in Skilanglaufgebieten eine Chance? [Winter sports and habitat protection, does the Capercaillie in ski areas have a chance?] Natur und Landschaft 58:454-459. (in German).

Volkov, A. D., A. N. Gromtsev, G. V. Erukov, V. N. Karavaev, V. A. Kolomytsev, Y. P. Kurkhinen, G. T. Lak, A. F. Pyzhin, S. V. Sazonov, and A. M. Shelekhov. 1989. [The regionalization of the central taiga subzone of Karelia according to the population density of northern Black Grouse.] PP. 50-52 *IN*: [Ecological and economic zonation of the central taiga subzone of Karelia.] (in Russian).

Volkov, A. D., A. N. Gromtsev, G. V. Erukov, V. N. Karavaev, V. A. Kolomytsev, Y. P. Kurkhinen, G. T. Lak, A. F. Pyzhin, S. V. Sazonov, and A. M. Shelekhov. 1989. [The regionalization of the central taiga subzone of Karelia according to the population density of the Capercaillie.] Pp. 48-50 *IN*: [Ecological and economic zonation of the central taiga subzone of Karelia.] (in Russian).

Vondradek, J. 2002. Tetrivek obecny na uzemi okresu Usti nad Labem. [The Black Grouse on the territory of the district Usti nad Labem.] Fauna Bohemiae Septentrionalis 27:109-110. (in Czech).

Vondradek, J. 2004. K rozsireni tetrivka obecneho (*Lyrurus tetrix*) v severnich Cechach na prelomu tisicileti. [On the distribution of the Black Grouse (*Lyrurus tetrix*) in Northern Bohemia at the start of the millennium.] Fauna Bohemiae Septentrionalis 29:157-160. (in Czech with English summary).

Von Hessberg, A., and C. Beierkuhnlein. 2000. Vegetation structures in the habitats of Capercaillie *Tetrao urogallus* in the Fichtelgebirge. Ornithologischer Anzeiger 39: 159-174. (in German with Enlgish abstract).

Vos, G. J. 1979. Adaptiveness of arena behaviour in Black Grouse (*Tetrao tetrix*) and other grouse species. Behaviour 68:277-314.

Vos, G. J. 1983. Social behaviour of Black Grouse. An observational and experimental field study. Ardea 71:1-103.

Waal, B. de. 1996. Een studie naar een mogelijk calciumgebrek bij het Nederlandse korhoen (*Tetrao tetrix*) en het effect hiervan op het nest success. [A study to a possible calcium lack at the Dutch Black Grouse (*Tetrao tetrix*) and the impact of this on the nest success.] Afstudeerverslag Hoge School van Utrecht, Faculteit Educatieve Opleidingen, Vakgroep Biologie. (in Dutch).

Wagner, E. 1988. Effects of inadequate predator control on the reintroduction of

Capercaillie. Proceedings of the 4th International Grouse Symposium, Lam, West Germany,

Walker, A. 2010. The reintroduction of Black Grouse to the Isle of Arran, Scotland. Grouse News 40:13-16.

Warren, P. 2004. The Black Grouse recovery project in northern England. Yorkshire Naturalists Union Bulletin 42(Suppl):75-78.

Warren, P. 2010. Black Grouse recovery in northern England. British Wildlife 21(6):383-391.

Warren, P. K., and D. Baines. 2002. Dispersal, survival, and causes of mortality in Black Grouse *Tetrao tetrix* in northern England. Wildlife Biology 8:91-97.

Warren, P., and D. Baines. 2004. Black Grouse in northern England: stemming the decline. British Birds 97:183-189.

Warren, P., and D. Baines. 2005. Expanding the range of Black Grouse in northern England. P. 105 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005. Abstract only.

Warren, P., and D. Baines. 2008. Current status and recent trends in numbers and distribution of Black Grouse *Tetrao tetrix* in northern England. Bird Study 55:94-99.

Warren, P., D. Baines, and N. Aebischer. 2011. The extent and impact of shooting on Black Grouse *Tetrao tetrix* in northern England. Wildlife Biology 17:11-15.

Warren, P., D. Baines, and J. Hay. 2000. Dispersal, survival and causes of mortality in Black Grouse in northern England. Cahiers d'Ethologie 20:557-558. (abstract only).

Warren, P., D. Baines, and C. Henderson. 2003. Cutting trials to enhance brood rearing habitats for Black Grouse in northern England. Sylvia 39(suppl.):81-86.

Warren, P., D. Baines, and M. Richardson. 2009. Mitigating against the impacts of human disturbance on Black Grouse *Tetrao tetrix* in northern England. Folia Zoologica 58:183-189.

Waterston, J. 1922. On the Ischnocera (bird lice or Mallophaga) parasitic on British Grouse. Scottish Naturalist 1922:101-104.

Watson, A. 1989. Recent influences on grouse habitat from increases in red deer. Annual Report of the Joseph Nickerson Reconciliation Project 5:45-46.

Watson, A. 1993. Defects of fencing for native woodlands. Native Woodlands Discussion Group Newsletter 18:17-19.

Watson, A. 1996. Raptors and grouse. Scottish Wildlife 28:106-213.

Watson, A. 1997. Capercaillie and Black Grouse south of Banff in the 1940s. Scottish Birds 19:117-118.

Watson, A. 2010. Population ecology of Black Grouse on north-east Scottish moorland in 1956-82. Grouse News 40:6-13.

Watson, A., and R. Moss. 2008. Grouse: The natural history of British and Irish species. HarperCollins, Lomdon, UK. 529pp.

Watson, A., and D. Nethersole-Thompson. 2006. Black Grouse and Capercaillie on upper Speyside in 1932-42. Scottish Birds 26:55-59.

Watts, K., M. Griffiths, and C. Quine. 2001. The impact of forest management on biodiversity at the landscape scale: An investigation of Black Grouse *Tetrao tetrix* and Nightjar *Caprimulgus europaeus* populations. Proceedings of the 11th. Annual Conference of the International Association of Landscape Ecology. Pp. 97-100.

Wegge, P. 1979. Status of Capercaillie and Black Grouse in Norway. Pp.17-26 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Wegge, P. 1980. Distorted sex ratio in small broods in a declining Capercaillie population. Ornis Scandinavia 11:106-109.

Wegge, P. 1983. Using radio telemetry in the study of dispersal, spacing behaviour and habitat ecology of woodland grouse in southeast Norway. Proceedings of the 15th. International Congress of Game Biologists Pp.351-356.

Wegge, P. 1984. Spacing pattern and habitat use of Capercaillie hens in spring. Proceedings of the 3rd. International Grouse Symposium 3:261-277.

Wegge, P. 1985. The sociobiology, reproduction, and habitat of Capercaillie *Tetrao urogallus* L. in southern Norway. Ph. D. Dissertation, University of Montana.

Wegge, P., S. Eliassen, M. H. Finne, and M. Odden. 2005. Social interactions among Capercaillie *Tetrao urogallus* males outside the lek during spring. Ornis Fennica 82:147-154

Wegge, P., M. H. Finne, and J. Rolstad. 2007. GPS satellite telemetry provides new insight into Capercaillie *Tetrao urogallus* brood movements. Wildlife Biology

13 (Suppl. 1):87-94.

Wegge, P., I. Gjerde, L. Kastdalen, J. Rolstad, and T. Stoaas. 1990. Does forest fragmentation influence the mortality rate of Capercaillie? Transactions of the International Game Biology Congress 19:448-453.

Wegge, P., I. Gjerde, B. B. Larsen, L. Kastdalen, J. Rolstad, and T. Storass. 1989. Natural mortality and predation of adult Capercaillie in southeast Norway. Proceedings of the 4th. International Grouse Symposium Pp.49-56.

Wegge, P., and T. Grasaas. 1977. Population studies of Capercaillie (*Tetrao urogallus*) in south Norway. Viltrapport 5:22-39.

Wegge, P., and L. Kastdalen. 2007. Pattern and causes of natural mortality of Capercaillie, *Tetrao urogallus*, chicks in a fragmented boreal forest. Annals of Zoologica Fennici 44:141-151.

Wegge, P., and L. Kastdalen. 2008. Habitat and diet of grouse broods: resource partitioning between Capercaillie (*Tetrao urogallus*) and Black Grouse (*Tetrao tetrix*) in boreal forests. Journal of Ornithology 149:237-244.

Wegge, P., T. Kvalsgard, O. Hjeljord, and A. V. Sivkov. 2003. Spring spacing behaviour of Capercaillie *Tetrao urogallus* males does not limit numbers at leks. Wildlife Biology 9:283-289.

Wegge, P., and B. B. Larsen. 1987. Spacing of adult and subadult male common Capercaillie during the breeding season. Auk. 104:481-490.

Wegge, P., B. B. Larsen, I. Gjerde, L. Kastdalen, J. Rolstad, and T. Storaas. 1988. Natural mortality and predation of adult Capercaillie in Southeast Norway. Proceedings of the 4th International Grouse Symposium, Lam, West Germany, September 1987

Wegge, P. T. Olstad, H. Gregerson, O. Hjeljord, and A. V. Sivkov. 2005. Capercaillie broods in pristine boreal forest in northwestern Russia: the importance of insects and cover in habitat selection. Canadian Journal of Zoology 83:1547-1555.

Wegge, P., and J. Rolstad. 1986. Size and spacing of Capercaillie leks in relation to social behavior and habitat. Behavioral and Ecological Sociobiology 19:401-408.

Wegge, P., and J. Rolstad. 2011. Clearcutting forestry and Eurasian boreal forest grouse: Long-term monitoring of sympatric Capercaillie *Tetrao urogallus* and Black Grouse *T. tetrix* reveals unexpected effects on their population performances. Forest Ecology and Management 261:1520-1529.

Wegge, P., J. Rolstad, and I. Gjerde. 1991. [Management by stands and the fauna. A

preliminary report from a project on Capercaillie in Varald state forest in Hedmark.] Faginfo 23:189-215. (in Norwegian).

Wegge, P., J. Rolstad, and I. Gjerde. 1992. Effects of boreal forest fragmentation on Capercaillie grouse: empirical evidence and management implications. In: McCullough, D. R., and R. H. Barrett (Eds.). Wildlife 2001: Populations. Elsevier Appl. Sc. Pp.738-749.

Wegge, P., I. Rolstad, I. Gerde, and S. Storaas. 1990. Does forest fragmentation increase the mortality rate of Capercaillie? Pp. 448-453 *in* Myberget, S. (Ed.): Transactions of the XIXth. IUGB Congress. Trondheim.

Wegge, P., and T. Storaas. 1990. Nest loss in Capercaillie and Black Grouse in relation to small rodent cycle in southeast Norway. Oecologia 82:527-530.

Wegge, P., T. Storaas, B. B. Larsen, T. Bo, and M. Kolstad. 1982. Woodland grouse and modern forestry in Norway. A short presentation of a new telemetry project, and some preliminary results on brood movements and habitat preferences of Capercaillie and Black Grouse. in: Grouse. Proceedings 2nd Symposium, Scotland (Lovel T W I ed): 117-123.

Wegge, P., T. Vesteras, and J. Rolstad. 2010. Does timing of breeding and subsequent hatching in boreal grouse match the phenology of insect food for the chicks? Annales Zoologici Fennici 47:251-260. (Black Grouse, Capercaillie).

Wei, G., and X. Gui-guan. 1993. Notes on Black-billed Capercaillie, Black Grouse and Hazel Grouse in north east China. Grouse News 6:4-6.

Wei, G., X. Guiquan, Z. Fangling, S. Yujan, and G. Zhongxin. 1988. [On the breeding habit of Black-billed Capercaillie.] Acta Zoologica Sinica 34:194-195. (in Chinese).

Weinberger, W. F. 1986. Der Lebensraum des Auerwildes (*Tetrao urogallus* m. B.) im Fichtenwald– und Moorgebiet im nordwestlichen Waldviertel. [The habitat of the Capercaillie (*Tetrao urogallus* M.B.) in the spruce forest and moorland in the northwest forest quarter. Forstwirtschaft und Moornutzung versus Auerwildentwicklung. Diplomarbeit, Universität für Bodenkultur, Wien, 178 Seiten. (in German).

Weiss, H. 1990. Auerwild in Baden-Württemberg--Rettung oder Untergang? [Capercaillie in Baden-Württemberg--rescue or extinction?] 179 pp. (In German, with English summary).

Weiss, H. 1994. The present situation of Capercaillie in the Black Forest. Grouse News 7:16-17.

Weiss, H. 1997. Isolation and ecline of marginal Capercaillie *Tetrao urogallus* subpopulations in the northern Black Forest. Wildlife Biology 3:276. Abstract only.

Weiss, H. 1998. A grouse 'model-area' in the Northern Black Forest. Grouse News 16:11-17.

Welch, G. 2005. Improving the conservation status of the Caucasian Black Grouse in Turkey – update on activites in 2004. Grouse News 29:13.

Welch, G., S. Isfendiyaroglu, and S. Turhal. 2004. Improving the conservation status of the Caucasian Black Grouse in Turkey. Grouse News 27:9-11.

Westerberg, A. 1995. Seasonal habitat use and diet of Black Grouse in the Pennine Hills of northern England. Grouse News 10:5-7.

Westerberg, A. E. 1997. Seasonal diet of Black Grouse *Tetrao tetrix* in the moorlands of northern England. Wildlife Biology 3:278. Abstract only.

Westerskov, K. 1942. [The distribution of the Black Grouse, *Lyrurus tetrix* L., in Denmark.] Dansk. orn. Foren. Tidsskr. 36:173-189. (in Danish with English summary.)

Wever, C. 1998. Morphologische und topographische Untersuchungen am Gastrointestinaltrakt (mit Anhangsdrüsen) des Birkhuhns (*Tetrao tetrix*, Linné, 1758). [Morphologic and topographic investigations at the gastrointestinal tract (with appendix glands) of the Black Grouse (*Tetrao tetrix*, Linné, 1758)]. DVM Thesis. Univeristy of Hannover. (in German).

Widen, P. H. Andren, P. Angelstam, and E. Lindstrom. 1987. The effect of prey vulnerability: Goshawk predation and population fluctuations of small game. Oikos 49:233:235.

Wiesner, J. S. Klaus, and F. Vogel. 1973. [A contribution to the wild Capercaillie problem in the Elbe Sandstone Mountains, part 2: circadian rhythm and behavior during the high season.] Zoologische Abhandlungen 32:121-148. (in German).

Wildaur, L., B. Schreiber, and F. Reimoser. 2008. Auerhuhn (*Tetrao urogallus*), Birkhuhn (*Tetrao tetrix*): Gutachten zur Anwendung der Richtlinie 79/409/EWG des Rates vom 2. April 1979 über die Erhaltung der wildlebenden Vogelarten. [Capercaillie (*Tetrao urogallus*), Black Grouse (*Tetrao tetrix*): Appraisal to the use of the guideline 79/409/EWG of the advice of 2. April 1979 over the preservation of the kinds of bird living in the wild.] Forschungsinstitut für Wildtierkunde und Ökologie Veterinärmedizinische Universität Wien. (in German).

Wilhelm, G. J. 1982. [Results of feces analysis of Capercaillie in the Vosges.] ZEITSCHRIFT FUR JAGDWISSENSCHAFT 28:162-169. (in German).

Wilkinson, N. I., R. H. W. Langston, R. D. Gregory, D. W. Gibbons, and M. Marquiss. 2002. Capercaillie *Tetrao urogallus* abundance and habitat use in Scotland, in winter 1998-99. Bird study 49:177-185.

Willebrand, T. R. 1988. Demography and ecology of a Black Grouse (*Tetrao tetrix* L.) population (predation, beeding, grouse, Sweden). Ph. D. Dissertaion, Uppsala University, Sweden.

Willebrand, T. 1992. Breeding and age in female Black Grouse *Tetrao tetrix* . Ornis Scand. 23:29-32.

Willebrand, T. and V. Marcstrom.1989. Marrow heart and body fat as indicators of Black Grouse *Tetrao tetrix* condition. Ornis Scandinavia 20:49-52.

Williams, I. T. 1996. The status of the Black Grouse *Tetrao tetrix* in Wales in Spring 1995 together with population changes since 1986. Welsh Birds 1:22-28.

Wilmering, G. 1992. Morphologische und topographische Untersuchungen am Gastrointestinaltrakt (mit Anhangsdrüsen) des Auerhuhns (*Tetrao urogallus*, Linné, 1758) [Morphologic and topographic investigations at the gastrointestinal tract (with appendix glands) of the Capercaillie (*Tetrao urogallus*, Linné, 1758). Ph.D. Thesis. Univ. Hannover. (in German).

Winqvist, T. 1983. 100 tjaderspelplatser. [100 Capercaillie courtship display grounds.] Sveriges Skogsvardsforbunds Tidskrift 81:5-25. (in Swedish with English summary).

Winqvist, T. 1990. [What do the Capercaillie lek-forests look like?] Sveriges Lantbruksuniversitet Institutionen for Viltekologi Rapport Suppl. 15:17-20, 64. (in Swedish with English summary).

Wipper, E. 1982. Bedeutung des Verlaufs der Bebrütungstemperaturen im Gelege des Birkhuhns (*Lyrurus tetrix* L.) und ihre Abhängigkeiten vom Tag-Nacht-Rhythmus. [Significance of hatching temperatures in the laying of the grey hen (*Lyrurus tetrix* L.) and their dependence on the day-night rhythm.] European J. Wildl. Res. 28:109-122. (in German with English summary).

Wipper, E. 2009. Oekologische Grundlagen zum Schutz des Birkhuhns (*Lyrurus tetrix* L.) in Lebensraeumen von Hochmoortypus. Vortrag zum Internationalen Raufusshuhn Symposium vom 16.-20.3.1981 in Edinburgh. [Ecological bases for the protection of the Black Grouse (*Lyrurus tetrix* L.) in high moor habitat types. Paper from the international meeting on grouse of 16. - 20.3.1981 in Edinburgh.] Beitraege zur Naturkunde Niedersachsens 62:3-39. (in German).

Wirthner, S. 2006. Conservation ecology of the Alpine Black Grouse (*Tetrao tetrix*): 1) modelling the impact of snow sports on local density; 2) arthropod food supply in different habitat types. Ph. D. Dissertation. University of Bern.

Witherby, H. F., and E. Lonnberg. 1913. The British Black Grouse. *Lyrurus tetrix britannicus*, subsp. nov. British Birds 6:270-271.

Witherby, H. F., and W. R. Ogilvie-Grant. 1911. Abnormal plumage in *Tetrao tetrix*. London Bulletin of the British Ornithology Club 27:79-81.

Woess, M., and H. Zeiler. 2003. Building projects in Black Grouse habitats – assessment guidelines. Sylvia 39(suppl.):86-97.

Woess, M., and H. Zeiler. 2003. Construction projects in Black Grouse habitats – guidelines. Grouse News 26:5-7.

Woitke, E. 2002. Nest predation risk in Bavaria in relation to the distance to farmland and habitat structure. Grouse News 24:17-18.

Woss, M., U. Nopp-Mayr, V. Grunschachner-Berger, and H. Zeiler. 2008. Bauvorhaben in alpinen Birkhuhnlebensräumen – Leitlinie für Fachgutachten. [Building project in alpine Black Grouse habitats - guideline for specialized appraisals.] Boku-Reports on Wildlife Research & Game Management No. 16. 35pp. (in German).

Woss, M., and H. Zeiler. 2003. Building projects in Black Grouse habitats – assessment guidelines. Sylvia 39(suppl.): 87–96.

Wotzel, F. 1967. Das Moorbirkwild des Salzburger Beckens und des nördlichen Flachgaues in der Zeit nach dem 2. Weltkrieg Verbreitung und Bestände. [Observations of the black grouse (*Lyrurus tetrix*) on the plains of the Austrian province Salzburg]. European Journal of Wildlife Research 13:142-147. (in German with English Summary).

Wu, M., Y. Wu, C. Li, B. Tang, Y. Zhao, and B. Liu. 1997. [The study on breeding ecology of Black Grouse (*Lyrurus tetrix*) in Weichang, Hebei Province.] Zoological Research 3:285-291. (in Chinese with English summary).

Wurm, W. 1885. Das Auerwild; dessen naturgeschichte, Jagd und Hege, eine ornithologische und jagdliche Monographie. [Our Capercaillie: its natural history, hunting, and preserves, a monograph on ornithology and hunting.] Wien, C. Gerold. 339pp. (in German).

Wynne-Edwards, V. C. 1950. Pheasant-Capercaillie hybrid. Scottish Naturalist 62:186.

Yalden, D. W. 1979. Decline of the Black Grouse in Derbyshire - critical comments. Derbyshire Bird Report 1978:7-9.

Yalden, D. W. 1986. The further decline of Black Grouse in the Peak District 1975-1985. Naturalist 111 (976):3-8.

Yelayew, E. N., and A. N. Dewyatkow. 2009. Ein seltener Fall der Gattungshybridisierung bei Raufusshuehnern Tetraonidae. [A rare case of generic hybridization in grouse, Tetraonidae.]. Ornithologische Mitteilungen 61:395-396. (in German) (Black Grouse, Capercaillie).

Yujun, S., X. Guiquan, and Y. Zhijie. 1989. On the ecological habit and biology of Black Grouse. Journal of Northeast Normal University Natural Sciences Edition 1989(2):89-96.

Yurlov, K. T. 1960. Materials on ecology of the Willow Ptarmigan and the Black Grouse in the Baraba and Kulunda Steppes. Trudy Biol. Inst. Sib. Otd. Akad. Nauk Novosibirsk 6:3-85.

Zbinden, N. 1979. (1.) Zur Oekologie des Haselhuhns (*Bonasa bonasia*) in den Buchenwäldern des Chasseral, Faltenjura ; (2.) Zur Verdaulichkeit und umsetzbaren Energie von Tetraoniden-Winternahrung und zum Erhaltungsbedarf des Birkhuhns (*Tetrao tetrix*) in Gefangenschaft mit Hinweisen auf Verdaulichkeitsversuche. [1.) To the ecology of the Hazel Hen (*Bonasa bonasia*) in the beech forests of the Chasseral, fold law; (2.) On the digestibility and metabolizable energy of tetraonid winter food and on the energy requirements for maintenance of Black Grouse (*Tetrao tetrix*)in captivity, with remarks on digestibility trials.] Ph. D. Dissertation. Naturwiss. Bern. (in German).

Zbinden, N. 1980. Zur Verdaulichkeit und umsetzbaren Energie von Tetraoniden-Winternahrung und zum Erhaltungsbedarf des Birkhuhns (*Tetrao tetrix*) in Gefangenschaft mit Hinweisen auf Verdaulichkeitsversuche. [On the digestibility and metabolizable energy of tetraonid winter food and on the energy requirements for maintenance of Black Grouse in captivity, with remarks on digestibility trials.] Vogelwelt 101:1-18. (in German with English summary).

Zbinden, N. 1987. Zum Aufzuchterfolg des Birkhuhns *Tetrao tetrix* im Tessin. [Breeding success of the Black Grouse *Tetrao tetrix* in Tessin.] Ornithologische Beobachter 84:49-61. (in German with English summary).

Zbinden, N., and M. Salvioni. 1997. Die Bejagung des Birkhahns im Tessin 1963-1995. [Hunting of Black Grouse *Tetrao tetrix* in the canton of Ticino (southern Switzerland) 1963-1995.] Ornithologische Beobachter 94:331-346. (in German with English summary).

Zbinden, N., and M. Salvioni. 2003. Verbreitung, Siedlungsdichte und

Fortpflanzungserfolg des Birkhuhns *Tetrao tetrix* im Tessin 1981-2002. [Distribution, density and reproductive success of Black Grouse *Tetrao tetrix* in Ticino, southern Switzerland, 1981-2002. Ornithologische Beobachter 100:211-226. (in German with English summary).

Zbinden, N., and M. Salvioni. 2004. Bedeutung der Temperatur in der fruehen Aufzuchtzeit fuer den Fortpflanzungserfolg des Birkhuhns *Tetrao tetrix* auf verschiedenen Hoehenstufen im Tessin, Suedschweiz. [The importance of temperature during the early chick-rearing period for the reproductive success of Black Grouse *Tetrao tetrix* at different altitude levels in the Ticino, southern Swiss Alps. Ornithologische Beobachter 101:307-318. (in German with English summary).

Zbinden, N., M. Salvioni, and P. Stanga. 2003. La situazione del fagiano di monte *Tetrao tetrix* nel Cantone Ticino alla fine del ventesimo secolo. [The situation of Black Grouse *Tetrao tetrix* in the Cantone Ticino at the end of the twentieth century.] Sempach 71pp. (in Italian).

Zedlitz, O. G. 1924. Das Gewicht als Rassenmerkmal bei *Tetrao urogallus.* [The weight as race characteristic with *Tetrao urogallus*]. Journal of Ornithology. 72:244-252. (in German).

Zeiler, H., and V. Berger. 2005. Windkraft und Birkwild. Ergebnisse aus dem Windpark Oberzeiring. [Wind force and Black Grouse. Results from the wind park Oberzeiring.] Der Anblick 8/2005. p.16-19. (in German).

Zeiler, H., and V. Grunschachner-Berger. 2009. Impact of wind power plants on Black Grouse, *Lyrurus tetrix* in alpine regions. Folia Zoologica 58:173-182.

Zeimentz, K. 1974. Lebensraum und Bestandestendenz des Auerwildes in den Bayerischen Alpen. [Habitat and inventory tendency of the Capercialliie in the Bavarian Alps.] Allgemeine Forstzeitschrift 39:824-825. (in German).

Zeitler, A. 2000. Human disturbance, behaviour, and spatial distribution of Black Grouse in skiing areas in the Bavarian Alps. Cahiers d'Ethologie 20:381-402.

Zeitler, A. 2003. Maintaining Black Grouse wintering habitats by alpine pasture management plans. Sylvia 39(suppl.):97-102.

Zeitler, A. 2005. Grouse conservation in Natura 2000 sites: chance or illusion? Pp. 50-52 *in*: Proceedings of the 3rd. International Black Grouse Conference, Ruthin, North Wales, 20-25 March 2005.

Zeitler, A. 2006. Birkwild und Wintertourismus. [The Black Grouse and winter tourism.]. Jahrbuch des Vereins zum Schutz der Bergwelt 71:125-136. (in German).

Zeitler, A., and U. Glanzer. 1998. Skiing and grouse in the Bavarian Alps. Grouse News 15:8-12.

Zettel, J. 1972. Nahrungsokologische Untersuchungen an Birkhuhnern (*Tetrao tetrix*) in den Schweizer Alpen. [Nutritional ecological studies of the Black Grouse (*Tetrao tetrix*) in the Swiss Alps.] Revue Suisse de Zoologie 72:1170-1176. (in German).

Zettel, J. 1974. [Feeding ecology investigations of the Black Grouse *Tetrao tetrix* in the Swiss Alps.] Ornithologische Beobachter 71:186-246. (in German with English summary).

Zettel, J. F. 1974. 1. Nahrungsökologische Untersuchungen am Birkhuhn *Tetrao tetrix* L. in den Schweizer Alpen ; 2. Mikroskopische Epidermiskennzeichen von Pflanzen als Bestimmungshilfen. [1. Food-ecological investigations of the Black Grouse *Tetrao tetrix* L. in the Swiss alps; 2. Microscopic epidermis characteristics of plants as regulation assistance.] Ph. D. Dissertation. Naturwiss. Bern (in German).

Zhang, L.-Q., and C.-Q. Li. 1999. [Progress of Black Grouse (*Lyrurus tetrix*) biology (1). Distribution, subspecies, diet, habitation selection and behavior.] Hebei Shifan Daxue Xuebao Ziran Kexue Ban 23:259-262. (in Chinese with English summary).

Zhang, L.-Q., and C.-Q. Li. 1999. [Progress of Black Grouse (*Lyrurus tetrix*) biology (2). Breeding ecology and conservation biology.] Hebei Shifan Daxue Xuebao Ziran Kexue Ban 23:542-545. (in Chinese with English summary).

Zhang, L., Z. Yang, C. Li, and R. Sun. 1998. [A study on the energy balance of caged Black Grouse (*Lyrurus tetrix baikallensis* [*baikalensis*]).] Journal of Beijing Normal University (Natural Science) 34:399-402. (in Chinese with English summary).

Zhang, L., Z. Yang, Y. Wu, C. Li, and R. Sun. 2000. Nutrients content in organs of Black Grouse (*Lyrurus tetrix baikallensis*). Journal of Beijing Normal University (Natural Science) 36:115-117. (in Chinese with English summary).

Zhang, L.-Q., Z-C. Yang, Y-F. Wu., C.-Q. Li, and R.-Y. Sun. 2001. [Studies on the resting metabolic rate (RMR) of caged Black Grouse (*Lyrurus tetrix baikallensis* [*baikalensis*]).] Hebei Shifan Daxue Xuebao Ziran Kexue Ban 25(3) Suppl 79:381-384. (in Chinese with English summary).

Zisman, S. 2001. Capercaillie species action plan. 8pp.

Zlotorzycka, J., and J. Danecki. 1962. [Observations on vitality of Mallophaga from

dead wood-grouse (*Tetrao urogallus* L.).] Wiadom. parazyt. 8:599-564. (in Polish).

Žnidaršič, M. and M. Čas. 1999. Forest management, the endangerment and conservation of Capercaillie (*Tetrao urogallus* L.) habitats in the Kamnik-Savinja Alps. GozdV, let. 57, št. 3:127-140.

Zubic, G. 2009. [Density and vulnerability of Capercaillie (*Tetrao urogallus*) in the area of Vitoroga in the Republika Srpska.] Bulletin of the Faculty of Forestry 100:71-84. (in Russian with English abstract).

Zubic, G. 2010. Density and vulnerability of Capercaillie *Tetrao urogallus* in the area of Vitoroga in the Republika Srpska. Grouse News 39:10-11.

Zum Sande, G., and H. Spittler. 1975. Wiedereinbürgerungsversuche mit Auerwild (*Tetrao urogallus* L.) im Ebbegebirge (Nordrhein-Westfalen) in den Jahren von 1954 bis 1962. [Renaturalization attempts with Capercaillie (*Tetrao urogallus* L.) in the ebb-tide mountains (North Rhine-Westphalia) in the years from 1954 to 1962.] Zeitschrift für Jagdwissenschaft 21:106-118. (in German with English summary).

Zverev, M. D. 1962. On ecology of the Tian-Shan Black Grouse. Ornitologia 5:208-210.

Zwickel, F. C. 1966. Sex and age ratios and weights of Capercaillie from the 1965-66 shooting season in Scotland. Scottish Birds 4:209-213.

Zwickel, F. C. 1966. Winter food habits of Capercaillie in north-east Scotland. British Birds 59:325-336.

Tympanuchus (prairie-chickens and Sharp-tailed Grouse)

A., J. A. 1909. The Heath Hen. Auk 26:96-97.

Adler, P. H., D. Roach, W. K. Reeves, J. P. Flanagan, M. E. Morrow, and J. E. Toepfer. 2007. Attacks on the endangered Attwater's Prairie-Chicken (*Tympanuchus cupido attwateri*) by black flies (Diptera: Simuliidae) infected with an avian blood parasite. Journal of Vector Ecology 32:309-312.

Adrian, M. 1968. The American Prairie Chicken. Hastings House. New York. 63pp.

Ahlborn, G. G. 1980. Brood-rearing habitat and fall-winter movements of Lesser Prairie Chickens in eastern New Mexico. M. Sc. Thesis, New Mexico State University, Las Cruces.

Akcakaya, H. R., V. C. Radeloff, D. J. Mladenoff, and H. S. He. 2004. Integrating landscape and metapopulation modeling approaches: viability of the Sharp-tailed Grouse in a dynamic landscape. Conservation Biology 18:526-537.

Aldous, S. E. 1943. Sharp-tailed Grouse in the sand dune country of north-central North Dakota. Journal of Wildlife Management 7:23-31.

Aldrich, A. D. 1951. The future for the Greater Prairie-Chicken. Oklahoma Game Fish News 7(3):3-5.

Aldridge, C. L., M. S. Boyce, and R. K. Baydack. 2004. Adaptive management of prairie grouse: how do we get there? Wildlife Society Bulletin 32:92-103.

Aldridge, C. L., S. J. Oyler-McCance, and R. M. Brigham. 2001. Occurrence of Greater Sage-Grouse X Sharp-tailed Grouse hybrids in Alberta. Condor 103:657-660.

Amman, G. A. The Sharptail experiment on Beaver Island, Mich. Unpublished M. Sc. Thesis.

Ammann, G. A. 1944. Determining age of Pinnated and Sharp-tailed Grouses. Journal of Wildlife Management 8:170-171.

Ammann, G. A. 1951. Results of Sharp-tailed Grouse plantings in Michigan. Michigan Department of Conservation. Report No. 1133. 6pp.

Ammann, G. A. 1952. What is ideal sharptail habitat? Michigan Department of Conservation. Information Circular 72. 4pp.

Ammann, G. A. 1957. The prairie grouse of Michigan. Michigan Department of

Conservation. Technical Bulletin. 200pp.

Amman, G. A. 1959. Sharp-tailed Grouse predation by goshawk. Journal of Wildlife Management 23:110-111.

Ammann, G. A. 1963. Status and management of Sharp-tailed Grouse in Michigan. Journal of Wildlife Management 27:802-809.

Ammann, G. A. 1971. Prairie chicken management. Michigan Department of Natural Resources. 5pp.

Anderson, G. L. 1983. Evaluation of Sharp-tailed Grouse, Ring-necked Pheasant, and Gray Partridge surveys in North Dakota. M. Sc. Thesis. North Dakota State University.

Anderson, R. K. 1969. Prairie chicken responses to changing booming-ground cover type and height. Journal of Wildlife Management 33:636-643.

Anderson, R. K. 1969. Mating and inter-specific behavior of Greater Prairie-Chickens. Ph. D. dissertation. University of Wisconsin. 118 pp.

Anderson, R. K. 1971. Orientation in prairie chickens. Auk 88:286-290.

Anderson, R. K., and F. Hamerstrom. 1967. Hen decoys aid in trapping cock prairie chickens with bownets and noose carpets. Journal of Wildlife Management 31:829-832.

Anderson, R. K., and D. E. Gawlik. 1999. A tribute to the Hamerstroms. Pp. 1-7 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Anderson, R. K., and J. E. Toepfer. 1994. Greater Prairie-Chicken in Wisconsin. Pp. 49-73 *in* Wisconsin Grouse Symposium Proceedings, Madison.

Anderson, R. K., and J. E. Toepfer. 1999. History, status, and management of the Greater Prairie Chicken in Wisconsin. Pp.39-58 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Anonymous. 1906. The Pinnated Grouse today. Forest and Stream Aug 4, 1906 Vol. LXVII (5):172-175.

Apa, A. D. 1998. Habitat use and movements of sympatric Sage and Columbian Sharp-tailed Grouse in southeastern Idaho. Ph. D. Dissertation.

Apa, A. D., K. P. Reese, and J. W. Connelly, Jr. 1997. An evaluation of nest placement theory using artificial and Columbian Sharp-tailed Grouse *Tympanuchus*

phasianellus columbianus nests. Wildlife Biology 3:278.

Applegate, R. D. 1993. Did the Heath Hen occur in Maine? Maine Naturalist. 1(2):1-2.

Applegate, R. D. 1997. Introductions of Sharp-tailed Grouse into Maine. Northeastern Naturalist. 42:105-110.

Applegate, R. D. 1998. Greater Prairie-Chickens displaying in tree on lek. Wilson Bulletin 110:120-121.

Applegate, R. D. 2000**.** Use and misuse of prairie chicken lek surveys. Wildlife Society Bulletin 28:457-459.

Applegate, R. D., B. E. Flock, and S. Gough. 2001. Status of the Greater Prairie-Chicken in 2001. Grouse Partnership News. 2:10.

Applegate, R. D., and G. J. Horak. 1999. Status and Management of the Greater Prairie Chicken in Kansas. Pp. 113-121 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Applegate, R. D., and T. Z. Riley. 1998. Lesser Prairie-Chicken Management. Rangelands 20(4):13-15.

Applegate, R. D., and C. K. Williams. 1998**.** Results from 30 years of Kansas rural Mail carrier surveys. Transactions of the Kansas Academy of Science 101:95-100.

Applegate, R. D., C. K. Williams, and R. R. Manes. 2004. Assuring the future of prairie grouse: dogmas, demagogues, and getting outside the box. Wildlife Society Bulletin 32:104-111.

Arritt, S. 1997. Little grouse on the prairie. New Mexico Partners Conserving Endangered Species. Fall 1997, pp.8-18.

Arritt, S. 1998. Reversing the decline of the Lesser Prairie-Chickens. New Mexico Wildlife. 43(1): 14-16.

Arthaud, F. L. 1968. Populations and movements of the prairie chicken related to land use in southwestern Missouri. M. A. Thesis, University of Missouri, Columbia. 134pp.

Arthaud, F. L. 1970. Land use and prairie chicken populations in southwestern Missouri. Transactions of the Kansas Academy of Science 73: 267-276.

Artmann, J. W. 1970. Spring and summer ecology of the Sharp-tailed Grouse. Ph. D.

dissertation, University of Minnesota, St. Paul. 129pp.

Artmann, J. 1971. Study of the Sharp-tailed Grouse with emphasis on habitat relationships. Minnesota Game Research Quarterly 31(1):33-41.

Artmann, J. W. 1971. Capturing Sharp-tailed Grouse hens by using taped chick distress calls. Journal of Wildlife Management 35: 557-559.

Ashley, P. 1992. Sharp-tailed Grouse management plan, Columbia River wildlife mitigation, Grand Coulee Dam Project. Washington Department of Wildlife. Report to Bonneville Power Administration. User Agreement No. CE-B179-91BP18504. 98pp.

Askins, C. 1913. The prairie chicken. Field and Steam 18:634-641.

Aspbury, A. S. 2002. Ecology of male dispersal in lek-breeding grouse. Ph. D. Dissertation. University of Nebraska.

Attwater's Prairie Chicken Recovery Team. 2001. Attwater's Prairie Chicken Husbandry Manual. Draft.

Attwater's Prairie-Chicken Recovery Team, and National Fish and Wildlife Foundation. 2008. Business plan for the conservation of the Attwater's Prairie-Chicken: A 10-year plan to secure a critically endangered species. 17pp.

Audubon, J. J. 1896. The Pinnated Grouse. Forest and Stream oct. 24, 1896, Vol. XLVII(17):323-324.

Augustine, J. K., and B. K. Sandercock. 2011. Demography of female Greater Prairie-Chickens in unfragmented grasslands in Kansas. Avian Conservation and Ecology 6(1):2. [online] URL: http://www.ace-eco.org/vol6/iss1/art2/

Autenrieth, R. E. 1986. Antelope-Sharp-tailed Grouse ecology: final report. Project W-160-R. Idaho Department of Fish and Game. 85pp.

Backstrom, P. 1991. Northern Goshawk predation on Sharp-tailed Grouse. Loon 63:74.

Bacon, B. R. 1981. Cooper's Hawk takes two prairie chickens off booming ground. Passenger Pigeon 43:51.

Baetsen, R. 2004. Michigan's Sharp-tailed Grouse "habitat restoration in the key to its survival". Grouse Partnership News 5:29-31.

Bailey, J. W., and M. A. Larson. 2009. Habitat selection, nest success, and survival of Sharp-tailed Grouse in relation to management of open landscapes in Minnesota. Minnesota Department of Natural Resources Summaries of Wildlife Research

Findings 2008:109-119.

Baker, A., and J. Vogelsang. 1955. Keep ‘em booming. Passenger Pigeon 17:24-26.

Baker, M. F. 1950. Prairie chickens in Kansas. Transactions of the Kansas Academy of Science 53:316-318.

Baker, M. F. 1952. The ecology and management of prairie-chickens in Kansas. Ph. D. Dissertation. University of Kansas.

Baker, M F. 1952. Population changes of the Greater Prairie Chicken in Kansas. Transactions of the 17th. North American Wildlife Conference. Pp. 259-366.

Baker, M. F. 1953. Prairie chickens of Kansas. University of Kansas Publication No. 5:1-68.

Bailey, J. A., J. Klingel, and C. A. Davis. 2000. Status of nesting habitat for Lesser Prairie-Chicken in New Mexico. Prairie Naturalist 32: 149-156.

Bailey, J. A., and S. O. Williams, III. 2000. Status of the Lesser Prairie-Chicken in New Mexico, 1999. Prairie Naturalist 32: 157-168.

Bain, M. R. 2002. Male-male competition and mating success on leks attended by hybrid prairie-chickens. M. Sc. Thesis. Fort Hayes State University.

Bain, M. R., and G. H. Farley. 2002. Display by apparent hybrid prairie-chickens in a zone of geographic overlap. Condor 104:683-687

Ballard, W. B. 1971. Importance of social aggression in booming ground hierarchy of Greater Prairie Chicken (*Tympanuchus cupido pinnatus*) M. Sc. Thesis, Kansas State University, Manhattan.

Ballard, W. B., and R. J. Robel. 1974. Reproductive importance of dominant male Greater Prairie-Chickens. Auk 91:75-85.

Barbosa, T. C. M. 2006. Pathogenicity, transmission and molecular characterization of Reticuloendotheliosis virus strain APC-566. M. Sc. Thesis. University of Georgia. 137pp.

Barbosa, T., C. Zavala, S. Cheng, T. Lourenco, and P. Villegas. 2006. Effects of reticuloendotheliosis virus on the viability and reproductive performance of Japanese Quail. Journal of Applied Poultry Research 15:558-563.

Barbosa, T., G. Zavala, S. Cheng, and P. Villegas. 2007. Full genome sequence and some biological properties of reticuloendotheliosis virus strain APC-566 isolated from endangered Attwater's Prairie Chickens. Virus Research 124:68-77.

Barbosa, T., G. Zavala, S. Cheng, and P. Villegas. 2007. Pathogenicity and transmission of Reticuloendotheliosis Virus isolated from endangered prairie chickens. Avian Diseases 51:33-39.

Barbosa, T., G. Zavala, S. Cheng, and P. Villegas. 2007. Pathogenicity and transmission of Reticuloendotheliosis Virus isolated from endangered prairie chickens. (Summarized from Avian Diseases 51:33-39). Avian Diseases Digest 2:e6-e7.

Barth, M. 2007. The Lesser Prairie-Chicken: on a collision course. Rangelands 29(4):10-12.

Baumgartner, F. M. 1939. Studies on the distribution and habits of the Sharp-tail Grouse in Michigan. Transactions of the 4th. North American Wildlife Conference Pp. 485-490.

Baydack, R. K. 1986. Sharp-tailed Grouse response to lek disturbance in the Carberry Sand Hills of Manitoba. Ph. D. Dissertation. Colorado State University.

Baydack, R. K. 1988. Characteristics of Sharp-tailed Grouse, *Tympanuchus phasianellus*, leks in the parklands of Manitoba. Canadian Field-Naturalist 52:39-44.

Baydack, R. K. 1988. Red-tailed Hawk captured in a Sharp-tailed Grouse trap. Blue Jay 46(1):38-39.

Baydack, R. K. 1997. Habitat management for Sharp-tailed Grouse *Tympanuchus phasianellus* on private lands in Manitoba, Canada. Wildlife Biology 3:280. Abstract only.

Baydack, R. 1998. Effects of human disturbance on Sharp-tailed Grouse. Grouse News 15:18-22.

Baydack, R. 2001. The Plains and Prairie Sharp-tailed Grouse of North America. Grouse Partnership News. 2:13.

Baydack, R. K., and D. A. Hein. 1987. Tolerance of Sharp-tailed Grouse to lek disturbance. Wildlife Society Bulletin 15: 535-539

Beahrs, A. 2008. The "prairie hens" of Illinois. Living Bird. Summer 2008:22-30. (Greater Prairie-Chicken).

Beauprez, G. M. 1994. Movments, reproductive success, and habitat use by introduced Greater Prairie-Chickens in northeastern Colorado. M. A. Thesis, University of Northern Colorado.

Beauprez, G. M. 2007. Survey for active Lesser Prairie-Chicken leks: spring 2007. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-138-R-5. 25pp.

Beck, J. L. 2006. Summary of oil and natural gas development impacts on prairie grouse. Unpublished Report, Colorado Division of Wildlife, Grand Junction, Colorado, USA.

Beck, J. L. 2009. Impacts of oil and natural gas on prairie grouse: current knowledge and research needs. Proceedings of the 2009 National Meeting - American Society of Mining and Reclamation. 26th Conference, Vol. 1, pp. 66-87.

Behney, A. C. 2009. Predation and reproductive behavior of Lesser Prairie-Chickens at leks in the Texas Southern Great Plains. M. Sc. Thesis. Texas Tech University, Lubbock, TX. 110pp.

Behney, A. C., C. W. Boal, H. A. Whitlaw, and D. R. Lucia. 2010. Prey use by Swainson's Hawks in the Lesser Prairie-Chicken range of the Southern High Plains of Texas. Journal of Raptor Research 44:317-322.

Behney, A. C., C. W. Boal, H. A. Whitlaw, and D. R. Lucia. 2011. Interactions of raptors and Lesser Prairie-Chickens at leks in the Texas Southern High Plains. Wilson Journal of Ornithology 123:332-338.

Bell, L. A. 2005. Habitat use and growth and development of juvenile Lesser Prairie-Chickens in southeastern New Mexico. M. Sc. Thesis. Oklahoma State University, Stillwater.

Bell, L. 2010. A spatially-based planning tool designed to reduce negative effects of development on the Lesser Prairie-Chicken *Tympanuchus pallidicinctus* in Oklahoma: A multi-entity collaboration to promote Lesser Prairie-Chicken voluntary habitat conservation and prioritized management actions. (Summary of: Horton, R., L. Bell, C. M. O'Meilia, M. McLachlan, C. Hise, D. Wolfe, D. Elmore and J.D. Strong. 2010.) Grouse News 39:26-27.

Bell, L. A., S. D. Fuhlendorf, M. A. Patten, D. H. Wolfe, and S. K. Sherrod. 2010. Lesser Prairie-Chicken hen and brood habitat use on sand shinnery oak. Rangeland Ecology and Management 63:478-486.

Bell, L.A., J. C. Pitman, M. A. Patten, D. H. Wolfe, S. K. Sherrod, and S. D. Fuhlendorf. 2007. Juvenile Lesser Prairie-Chicken growth and development in southeastern New Mexico. Wilson Journal of Ornithology 119:386-391.

Bellinger, R. 2001. Genetic variation in historic and current populations of Greater Prairie Chickens in Wisconsin. M. Sc. Thesis. University of Wisconsin –

Milwaukee.

Bellinger, R., J. Johnson, J. Toepfer, and P. Dunn. 2003. Loss of genetic variation in Greater Prairie-Chickens following a population bottleneck in Wisconsin, U.S.A. Conservation Biology 17:717-724.

Bennitt, R. 1939. Some agricultural characteristics of the Missouri prairie chicken range. Transactions of the 4th. North American Wildlife Conference 4:491-500.

Bereman, T. A. 1893. The boom of the Prairie Chicken. Science 22(546):32-33.

Berg, B. 2004. Bringing back the sharptail. Grouse Partnership News 5:32-34.

Berg, W. E. 1975. Sharp-tailed Grouse hunter check, northwestern Minnesota, 1974. Minnesota Wildlife Research Quarterly 35:94-100.

Berg, W. E. 1977. Sharp-tailed Grouse hunter check, Northwestern Minnesota, 1976. Minnesota Wildlife Research Quarterly. 37:108-120.

Berg, W. E. 1981. Index to spring densities of Sharp-tailed Grouse. Pp.340-345 in Wildl. Populations and Research (B. Joselyn and S. Spoolman, eds.). Unit Proj. Decr., Minn Dep. Nat. Resour., St. Paul.

Berg, W. E. 1981. Forestry-wildlife habitat management guidelines: Sharp-tailed Grouse in central Minnesota. Minnesota Department of Natural Resources, St. Paul. 6pp.

Berg, W. E. 1987. Management plan for the Sharp-tailed Grouse. Minnesota Department of Natural Resources. 45pp.

Berg, W. E. 1990. Sharp-tailed Grouse management problems in the Great Lakes states: Does the sharp-tail have a future? Loon 41:42-45.

Berg, W. E. 1997. The Sharp-tailed Grouse in Minnesota. Minnesota Department of Natural Resources, Minnesota Wildlife Report 10. St. Paul. 17pp.

Berg, W. E. 2004. Epilogue: the ghosts of prairie grouse past. Wildlife Society Bulletin 32:123-126.

Berger, D. D., and F. Hamerstrom. 1962. Protecting a trapping station from raptor predation. Journal of Wildlife Management 26:203-206.

Berger, D. D., F. Hamerstrom, and F. N. Hamerstrom. 1963. The effect of raptors on prairie chickens on the booming grounds. Journal of Wildlife Management 27:778-791

Berger, R. P. 1989. Sharp-tailed Grouse habitat revitalization in the interlake region of

Manitoba. M. Sc. Thesis. University of Manitoba.

Berger, R. P., and R. K. Baydack. 1992. Effects of aspen succession on Sharp-tailed Grouse, Tympanuchus phasianellus, in the Interlake Region of Manitoba. Canadian Field-Naturalist 106:185-191.

Beringer, P. S. 1995. Movements, habitat use, and survival of translocated Greater Prairie Chickens in North Dakota. M. Sc.Thesis. University of Wisconsin, Stevens Point.

Berkhahn, J. R. 1973. Wisconsin prairie chicken management program. Pp.47-55 *in* The prairie chicken in Minnesota (W. D. Svedarsky and T. Wolfe, eds.). University of Minnesota, Crookston.

Bernhoft, L. S. 1969. Reproductive ecology of female Sharp-tailed Grouse (*Pedioecetes phasianellus jamesi* Lincoln) and food habits of broods in southwestern North Dakota. M. Sc. Thesis, University of North Dakota, Grand Forks. 96pp.

Bernhoft, L. S., and G. Kobriger. 1969. Habitat preferences of the Sharp-tailed Grouse. North Dakota State Game and Fish Department. Report No. a-362. 37pp.

Best, T. L., K. Geluso, J. L. Hunt, and L. A. McWilliams. 2003. The Lesser Prairie Chicken (*Tympanuchus pallidicinctus*) in southeastern New Mexico: A population survey. Texas Journal of Science 55:225-234.

Betts, B. L. 1967. A new technique for sexing Greater Prairie Chickens. Unpublished report, Kansas State University.

Bidwell, T., S. Fuhlendorf, B. Gillen, S. Harmon, R. Horton, R. Manes, R. Rodgers, S. Sherrod, and D. Wolfe. 2003. Ecology and management of the Lesser Prairie-Chicken in Oklahoma. Oklahoma State University Extension Circular E-970. 16pp.

Bidwell, T., S. Fuhlendorf, B. Gillen, S. Harmon, R. Horton, R. Rodgers, S. Sherrod, D. Wiedenfeld, and D. Wolfe. 2002. Ecology and management of the Lesser Prairie-Chicken in Oklahoma. Oklahoma State University Extension Circular E-970. 15pp.

Bidwell, T., S. Fuhlendorf, S. Harmon, R. Horton, R. Manes, R. Rodgers, S. Sherrod, and D. Wolfe. 2003. Ecology and management of the Greater Prairie-Chicken in Oklahoma. Oklahoma State University Extension Circular E-969. 13pp.

Bidwell, T. G., and A. Peoples. Habitat management for Oklahoma's prairie chickens. Oklahoma State University Extension Facts, No. 9004. 4pp.

Bidwell, T. G., C. B. Green, A. D. Peoples, and R. E. Masters. 1995. Prairie Chicken Management in Oklahoma. Oklahoma State University Extension Circular E-945.

Bihrle, C. 1993. Upland game identification: A basic guide for aging and sexing the bird in your hand. North Dakota Outdoors. 56(3):9-23. Online version: http://www.npwrc.usgs.gov/resource/tools/upland/upland.htm#contents

Bjugstad, A. D. (Tech. coord.) 1988. Prairie Chickens on the Sheyenne National Grasslands. USDA Forest Service General Technical Report RM-159.

Bland, D. 1984. Oklahoma's last boomers. Oklahoma Today. 34(6):18-23.

Blus, L. J. 1965. Accidental destruction of Greater Prairie Chicken eggs. Auk 82:651.

Blus, L. J. 1967. Sharp-tailed Grouse relations to a food source near a dancing ground. Condor 67:532-533.

Blus, L. J. 1967. Goshawk predation on Sharp-tailed Grouse in the Nebraska sandhills. Wilson Bulletin 79:449.

Blus, L. J., and J. A. Walker. 1966. Progress report on the prairie grouse nesting study in the Nebraska Sandhills. Nebraska Bird Review 34:23-30.

Boal, C., D. Haukos, and B. Grisham. 2010. Understanding the ecology, habitat use, phenology and thermal tolerance of nesting Lesser Prairie-Chickens to predict population level influences of climate change. Final Report – Phase 1. Submitted to U. S. Fish and Wildlife Service / GPLCC, Region 2, Albuquerque, N.M.

Boddicker, M. L. 1965. Some parasites of Sharp-tailed Grouse in South Dakota. Proceedings of the Prairie Grouse Technical Council. 6:31.

Boddicker, M. L. 1972. Bionomics of mallophaga of Sharp-tailed Grouse in South Dakota. Ph. D. Dissertation. South Dakota State University.

Boddicker, M. L., and E. J. Hugghins. 1965. Parasites of Sharp-tailed Grouse in South Dakota. Proceedings of the South Dakota Academy of Science 44:244.

Boisvert, J. H. 2002. Ecology of Columbian Sharp-tailed Grouse associated with Conservation Reserve Program and reclaimed surface mine lands in northwestern Colorado. M. Sc. Thesis. University of Idaho.

Boisvert, J. H., R. W. Hoffman, and K. P. Reese. 2005. Home range and seasonal movements of Columbian Sharp-tailed Grouse associated with Conservation Reserve Program and mine reclamation. Western North American Naturalist 65:36-44.

Bohls, R. L. 2006. Extensive investigation of reticuloendotheliosis virus in the endangered Attwater's Prairie Chicken. Ph. D. Dissertation. Texas A&M University, College Station. 178pp.

Bohls, R. L., E. W. Collisson, S. L. Gross, N. J. Silvy, and D. N. Phalen. 2006. Experimental infection of Attwater's/Greater Prairie Chicken hybrids with the Reticuloendotheliosis virus. Avian Diseases 50:613-619.

Bohls, R. L., J. A. Linares, S. L. Gross, P. J. Ferro, N. J. Silvy, and E. W Collisson. 2006. Phylogenetic analyses indicate little variation among reticuloendotheliosis viruses infecting avian species, including the endangered Attwater's Prairie Chicken. Virus Research 119:187-194.

Bounds, R. 1997. A management study of the Lesser Prairie Chicken. M. S. Thesis. Texas Tech. University.

Bousquet, K. R. 1996. Habitat preferences of Sharp-tailed Grouse broods on the Charles M. Russell National Wildlife Refuge. M. Sc. Thesis. Montana State University, Boseman.

Bousquet, K. R., and J. J. Rotella. 1998. Reproductive success of Sharp-tailed Grouse in central Montana. Prairie Naturalist 30:63-70.

Bouzat, J. L. 1998. The genetic consequences of fragmentation and small population size in two grassland bird species: The Greater Rhea and the Greater Prairie-Chicken. Ph. Dd Dissertation. University of Illinois, Urbana-Champaign.

Bouzat, J. L. 2001. The importance of control populations for the identification and management of genetic diversity. Genetica 110:109-115.

Bouzat, J. L., H. H. Cheng, H. A. Lewin, R. L. Westemeier, J. D. Brawn, and K. N. Paige. 1998. Genetic evaluation of a demographic bottleneck in the Greater Prairie Chicken. Conservation Biology 12:836-843.

Bouzat, J. L., P. Dunn, S. Haig, J. A. Johnson, S. Oyler-McCance, B. L. Stoss, and B. J. Swanson. 2005. Conservation genetics plan for the management and recovery of Greater Prairie-Chickens in Wisconsin. Unupublished report.

Bouzat, J. L., P. Dunn, S. Haig, J. A. Johnson, S. Oyler-McCance, B. L. Stoss, and B. J. Swanson. 2005. Addendum to conservation genetics plan for the management and recovery of Greater Prairie-Chickens in Wisconsin. Unupublished report.

Bouzat, J. L., J. A. Johnson, J. E. Toepfer, S. A. Simpson, T. L. Esker, and R. L. Westemeier. 2009. Beyond the beneficial effects of translocations as an effective tool for the genetic restoration of isolated populations. Conservation

Genetics 10:191-201.

Bouzat, J. L., and K. Johnson. 2004. Genetic structure among closely spaced leks in a peripheral population of Lesser Prairie-Chickens. Molecular Ecology 13:499-505.

Bouzat, J. L., H. A. Lewin, and K. N. Paige. 1998. The ghost of genetic diversity past: Historical DNA analysis of the Greater Prairie Chicken. American Naturalist 152:1-6.

Bowen, D. E. 1971. A study of dummy nests and Greater Prairie Chicken (*Tympanuchus cupido pinnatus*) nests in northeastern Kansas with notes on female nesting behavior. M. Sc. Thesis, Kansas State University, Manhattan.

Bowen, D. E., R. J. Robel, and P. G. Watt. 1976. Habitat and investigators influence artificial ground nest losses: Kansas. Transactions of the Kansas Academy of Science 79:141-147.

Bowen, D. E., and M. P. Simon. 1990. Greater Prairie Chickens attract predators to their nests. Transactions of the Kansas Academy of Science 93:3-7.

Bowles, M. L., V. E. Diersing, J. E. Ebinger, and H. C. Schultz. 1981. Greater Prairie Chicken. Page 43 *in* Endangered and threatened species of Illinois: Status and distribution.

Bowman, T. J. 1971. Brood break-up and dispersal of juvenile Greater Prairie Chickens (*Tympanuchus cupido pinnatus*) in northeastern Kansas. M. Sc. Thesis, Kansas State University, Manhattan. 73pp.

Bowman, T. J., and R. J. Robel. 1977. Brood break-up, dispersal, mobility, and mortality of juvenile prairie chickens. Journal of Wildlife Management 41:27-34.

Boyce, R. P. 2001. A landscape ecology study of the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) in Kansas using landsat thematic mapper imagery. M. A. Thesis. University of Kansas.

Boyd, C. S., and T. G. Bidwell. 2001. Influence of prescribed fire on Lesser Prairie-Chicken habitat in shinnery oak communities in western Oklahoma. Wildlife Society Bulletin 29:938-947.

Braun, C. E., R. B. Davies, J. R. Dennis, K. A. Green, and J. L. Sheppard. 1992. Plains Sharp-tailed Grouse recovery plan. Colorado Department of Natural Resources, Division of Wildlife.

Braune, B. M., and B. J. Malone. 2006. Organochlorines and trace elements in upland gamebirds harvested in Canada. Science of the Total Environment 363:60-69.

Brazier, F. 1972. A probable Pinnated Grouse near Mortlach. Blue-Jay 30:31-32.

Brazier, F. 1972. Greater Prairie Chicken sighted again. Blue-Jay 30:198-199.

Breckenridge, W. J. 1929. The booming of the prairie chicken. Auk. 46:540-543.

Bremer, P. W. 1967. Sharp-tailed Grouse in Minnesota. Minnesota Department of Conservation Informational Leaflet No. 15.

Bremer, P. W. 1967. Summary of the results of four years of Sharp-tailed Grouse live-trapping and banding in northwestern Minnesota. Unpublished paper presented at the Prairie Grouse Technical Council Meeting, Effingham, IL Sep 12-14, 1967.

Brennan, G. A. 1918. Sharp-tailed Grouse at Tremont, Indiana. Auk 35:75-76.

Brewer, D. 1986. Historical evidence for the occurrence of the Wild Turkey, *Meleagris gallopavo*, and Sharp-tailed Grouse, *Tympanuchus phasianellus*, in Wellington County, Ontario, Canada. Ontario Birds 4(2):67-69.

Brewster, W. 1877. An undescribed hybrid between two North American grouse. Bulletin of the Nuttall Ornithology Club 2:66-68.

Brewster, W. 1885. The Heath Hen of Massachusetts. Auk 2:80-84.

Brewster, W. 1890. The Heath Hen. Notes on the Heath Hen (*Tympanuchus cupido*) of Massachusetts. Forest and Stream 35:188.

Brewster, W. 1895. A remarkable plumage of the Prairie Hen (*Tympanuchus americanus*). Auk 12:98-100.

Briggs, J. N. 1968. Vegetation and occurrence of Greater Prairie-Chickens (*Tympanuchus cupido pinnatus*) on three sites in Geary County, Kansas. M. Sc. Thesis, Kansas State University, Manhattan.

Brock, L. 1999. Photo essay: Dirty dancing – courtship at a prairie-chicken hoedown. Birder's World. April 1990, pp.30-35.

Brooks, A. 1907. A hybrid grouse, Richardson's x Sharp-tail. Auk 24:167-169.

Brott, J. J. 1993. Alleviation of Plains Sharptail Grouse (*Pediocetes phasianellus jamesi*) damage in apple (*Malus domestica*) orchards: reclamation of 'Wragg' cherry (*Prunus cerasus*) via micropropagation and budding; investigation of selected red flowering *Yucca glauca* for ornamental purposes. M. S. Thesis. Univeristy of Nebraska. 70pp.

Brown, D. L. 1968. Prairie-chicken range appraisal. Texas Parks and Wildlife Department, P-R Report, Project W-92-R-4.

Brown, D. L. 1981. The helinet: a devise for capturing prairie chickens and Ring-necked Pheasants. Pp. 92-96 *in* Proc. 35th. Annual Conference Southeastern Association Fish and Wildlife Agencies. Tulsa, OK. 1981.

Brown, R. L. 1964. Sharp-tailed Grouse population study. Small Game Research Project Job Completion Report, Project W-91-R-5, Montana Fish and Game Department, Helena. 8pp.

Brown, R. L. 1966. Response of Sharptail breeding populations to annual changes in residual grassland cover. Proceedings of the Annual Conference of the Western Association of State Game and Fish Commissions 46:219-222.

Brown, R. L. 1966. Sharptail Grouse population study. Montana Department of Fish and Game. Projects W-91-R-6 and W-91-R-7. 23pp.

Brown, R. L. 1967. Sharptail Grouse population study. Montana Department of Fish and Game. Project W-91-R-8, Job II-E. 16pp.

Brown, R. L. 1968. Effects of land-use practices on Sharp-tailed Grouse. P-R Job Completion Report, Project W-91-R-9, Montana and Fish Game Department, Helena. 11pp.

Brown, R. L. 1968. Sharptail Grouse population study. Montana Department of. Fish and Game. Project W-91-R-9, Job II-E. 18pp.

Brown, R. J. 1971. Organization and functions of the spring and autumn lek of the Sharp-tailed Grouse, *Pedioecetes phasianellus* Linnaeus. M. Sc Thesis. University of Manitoba.

Brown, R. J. 1973. Precocious lek behavior in Sharp-tailed Grouse chicks. Wilson Bulletin 83:472-473.

Brown, R. L., and C. M. Senger. 1965. Differential survival of adult Sharp-tailed Grouse infected with *Plasmodium* sp. From two populations in Montana. Proceedings of the Prairie Grouse Technical Council. 6:30.

Brownlee, W. C. 1974. Seasonal territorial ranges of Attwater's Prairie-Chicken. Texas Parks and Wildlife Department. Projects W-100-R-Z, 3, 4, and 5. 13pp.

Bruette, W. 1916. Season of the Prairie Chicken. Forest and Stream Aug 1916, Vol. LXXXVI(8):3-8.

Bry, E. 1973. Prairie chicken news. North Dakota Outdoors 36(4):10-13.

Bry, E. 1973. North Dakota's prairie chicken management program. Pp. 56-58 *in* The prairie chicken in Minnesota: conference Proceeding, April 28, 1973 (W. D. Svedarsky and T. Wolfe, eds.).

Buhnerkempe, J. E., W. R. Edwards, D. R. Vance, and R. L. Westermeier. 1984. Effects of residual vegetation on prairie chicken nest placement and success. Wildlife Society Bulletin 12:382-386.

Bunting, C. S. C., J. L. Kingery, M. A. Hemstrom, M. A. Schroeder, R. A. Gravenmier, and W. J. Hann. 2002. Altered rangeland ecosystems in the interior Columbia Basin. U. S. D. A. Forest Service General Technical Report PNW 553. 67pp. (Greater Sage Grouse, Sharp-tailed Grouse).

Burger, L. W. 1988. Movements, home range, and survival of female Greater Prairie-Chickens in relation to habitat pattern. M. Sc. Thesis. University of Missouri, Columbia.

Burger, L. W., M. R. Ryan, D. P. Jones, and A. P. Wywialowski. 1991. Radio transmitters bias estimation of movements and survival. Journal of Wildlife Management 55:693-697.

Burt, H. R. 1991. Reintroduction of Greater Prairie Chickens using egg substitution on Arrowwood National Wildlife Refuge, North Dakota. M. Sc. Thesis. Montana State University.

Buss, I. O. 1984. Comments on an apparent Sharp-tailed Grouse movement in eastern Montana. Northwest Science 58:151-152.

Buss, I. O., and E. S. Dziedzic. 1955. Relation of cultivation to the disappearance of the Columbian Sharp-tailed Grouse from southwestern Washington. Condor 57:185-187.

Butler, M. J., W. B. Ballard, R. D. Holt, and H. A. Whitlaw. 2010. Sound intensity of booming in Lesser Prairie-Chickens. Journal of Wildlife Management 74:1160-1162.

Cade, T. J., and J. L. Buckley. 1953. A mass emigration of Sharp-tailed Grouse from the Tanana Valley, Alaska, in 1934. Condor 55:313.

Caldwell, P. J. 1976. Energetics and population considerations of Sharp-tailed Grouse in the aspen parklands of Canada. Ph. D. Dissertation, Kansas State University, Manhattan. 109pp.

Caldwell, P. J. 1980. Primary shaft measurements in relation to age of Sharp-tailed Grouse. Journal of Wildlife Management 44:202-204.

Campbell, H. 1950. Note on the behavior of Marsh Hawks toward Lesser Prairie Chickens. Journal of Wildlife Management 14:477-478.

Campbell, H. 1968. Prairie chicken hunting harvest field surveys. New Mexico Department of Game and Fish. Fed Aid in Wildlife Restoration Project W-104-R-09. 10pp.

Campbell, H. 1969. Prairie chicken spring population trends. New Mexico Department of Game and Fish. Fed Aid in Wildlife Restoration Project W-104-R-10. 10pp.

Campbell, H. 1970. Prairie chicken populations. New Mexico Department of Game and Fish. Fed Aid in Wildlife Restoration Project W-104-R-11. 20pp.

Campbell, H. 1972. A population study of Lesser Prairie Chickens in New Mexico. Journal of Wildlife Management 36:689-699.

Candelaria, M. A. 1979. Movements and habitat-use by Lesser Prairie Chickens in eastern New Mexico. M.Sc. Thesis, New Mexico State University, Las Cruces. 41pp.

Cannon, R. W. 1980. Density and distribution of prairie chicken in Oklahoma: final report. Oklahoma Cooperative Wildlife Research Unit and Oklahoma Department of Wildlife Conservation. Project no. W-125-R, Study 2, Job 1. 64pp.

Cannon, R. W. 1980. Current status and approaches to monitoring populations and status of Lesser Prairie Chickens in Oklahoma. M. Sc. Thesis, Oklahoma State University, Stillwater.

Cannon, R. W. 1984. Status of previously unknown populations of prairie chickens in Missouri. Federal aid in wildlife restoration act; federal aid project no. W-13-R-38 (1984); Surveys and investigations projects; study no. 56, Status and trends of prairie chicken populations relative to habitat management and land-use; job no. 4; July 1, 1983-June 30, 1984. Missouri Department of Conservation. 13pp.

Cannon, R. W. 1984. Status and trends of prairie chicken populations relative to habitat management and land-use. Missouri Department of Conservation. 16pp.

Cannon, R. W. 1985. Breeding season movements and habitat-use by prairie chicken hens in a cropland environment. Final report, Surveys and investigations projects, as required by Federal Aid in Wildlife Restoration Act, Missouri; Federal aid project no. W-13-R-39 (1985); study no. 79, Seasonal movements and habitat-use by scattered, remnant populations of prairie chickens inhabiting an agricultural landscape; job no. 2. Missouri Department of Conservation. 9pp.

Cannon, R. W., and F. L. Knopf. 1978. Distribution and status of the Lesser Prairie Chicken in western Oklahoma. Oklahoma Cooperative Wildlife Research Unit Progress Report 31:48-52.

Cannon, R. W., and F. L. Knopf. 1979. Lesser Prairie-Chicken response to range fires at the booming ground. Wildlife Society Bulletin 7:44-46.

Cannon, R. W., and F. L. Knopf. 1980. Distribution and status of the Lesser Prairie Chicken in Oklahoma. Pp.71-74 *in* Proceedings of the Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). Oklahoma State University, Stillwater.

Cannon, R. W., and F. L. Knopf. 1981. Lesser Prairie Chicken densities on shinnery oak and sand sagebrush rangelands in Oklahoma. Journal of Wildlife Management 45:521-524.

Cannon, R. W., and F. L. Knopf. 1981. Lek numbers as a trend index to prairie grouse populations. Journal of Wildlife Management 45:776-778.

Cannon, R. W., F. L. Knopf, and L. R. Pettinger. 1982. Use of Landsat data to evaluate Lesser Prairie Chicken habitats in western Oklahoma. Journal of Wildlife Management 46: 915-922.

Cannon, R. W., and D. M. Christisen. 1984. Breeding range and population status of the Greater Prairie-Chicken in Missouri. Transactions of the Missouri Academy of Science 18:33-39.

Carlson, C. E. 1942. The prairie chicken in Minnesota. Conservation Volunteer 4(20):45-49.

Cartwright, B. W. 1944. The "crash" decline in Sharp-tailed Grouse and Hungarian Partridge in western Canada and the role of the predator. Transactions of the North American Wildlife Conference 9:324-330.

Cartwright, K. S. 2000. Influence of landscape, land use, and lek attendance on Greater Prairie-Chicken lek surveys. M. Sc. Thesis. Kansas State University.

Cartwright, K. S., and R. J. Robel. 2000. Final report on Greater Prairie-Chicken indices assessment. Kansas Department of Wildlife and Parks.

Castrale, J. S. 2001. Feasibility of restoring Greater Prairie-Chickens to Indiana (draft). Indiana Divison of Fish and Wildlife.

Cebula, J. J. 1966. Transistorized *Tympanuchus.* Kansas Fish and Game 23(1):3-5

Cebula, J. J. 1966. Radio-telemetry as a technique used in Greater Prairie Chicken (*Tympanuchus cupido pinnatus*) mobility studies. M. Sc. Thesis, Kansas State

University, Manhattan. 61pp.

Chamrad, A. D. 1971. Effects of fire and grazing on coastal prairie rangeland and Attwater's Prairie-Chicken habitat. Ph. D. Dissertation. Texas A&M University.

Chamrad, A. D., and J. D. Dodd. 1973. Prescribed burning and grazing for prairie Chicken habitat manipulation in the Texas coastal prairie. Proceedings of the Tall Timbers Fire Ecology Conference 12:257-276.

Chappell, H. 1997. The environmental tale of the fox and the chicken. Texas Parks & Wildlife. July 1997. Pp.38-43.

Christenson, C. D. 1970. Nesting and brooding characteristics of Sharp-tailed Grouse (*Pedioecetes phasianellus jamesi* Lincoln) in southwestern North Dakota. M. Sc. Thesis, University of North Dakota, Grand Forks. 88pp.

Christenson, C. D. 1971. Habitat preferences of the Sharp-tailed Grouse. Federal Aid in Wildlife Restoration Project W-67-R-11. North Dakota State Game and Fish Department, Bismarck.

Christisen, D. M. 1968. Prairie Chicken (*Tympanuchus cupido*). Missouri Animals.

Christisen, D. M. 1969. National status and management of the Greater Prairie-Chicken. Transactions of the North American Wildlife and Natural Resources Conference 34:207-217.

Christisen, D. M. 1970. Prairie Chicken. Pp. 79-83 *In* Conservation Contrasts: Three decades of non-political management of wildlife and forests in Missouri, W.O. Nagel, *Ed*.

Christisen, D. M. 1971. The Prairie Chicken – a chance for survival. Animal Kingdom 74(1):5-13.

Christisen, D. M. 1981. Significance of native prairie to Greater Prairie Chicken (*Tympanuchus cupido pinnatus*) survival in Missouri. Ohio Biological Survey, Biology Notes No. 15, 5pp.

Christisen, D. M. 1985. The Greater Prairie-Chicken and Missouri's land-use patterns. Missouri Department of Conservation, Terrestrial Series No. 15. 51pp.

Christisen, D. M., and R. B. Krohn. 1980. Land use: A key to Greater Prairie Chicken habitat in Missouri. Pp. 55-58 *in* Proceedings of the Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Clifton, A. M. 2003. Using mark-resight techniques to estimate numbers of Greater Prairie-Chickens in tallgrass prairie, Flint Hills, Kansas. M. Sc. Thesis.

University of Arkansas. 43pp.

Clifton, A. M., and D. G. Krementz. 2006. Estimating numbers of Greater Prairie-Chickens using mark-resight techniques. Journal of Wildlife Management 70:479-484.

Clifton, A., F. Loncarich, and D. Krementz. 2001. Nest success, movement, and survival of Greater Prairie-Chickens at Tallgrass Prairie Preserve in Chase County, Kansas. 2001 Annual Report. University of Arkansas.

Coale, H. K. 1912. Columbian Sharp-tailed Grouse in Wisconsin. Auk 29:238.

Coates, P. S. 2001. Movement, survivorship, and reproductive behavior of Columbian Sharp-tailed Grouse translocated to Nevada (*Tympanuchus phasianellus*). M. Sc. Thesis. University of Nevada, Reno.

Coates, P. S., and D. J. Delehanty. 2006. Effect of capture date on nest-attempt rate of translocated sharptailed grouse *Tympanuchus phasianellus*. Wildlife Biology 12:277-283.

Coates, P. S., J. O. Spencer, Jr., and D. J. Delehanty. 2007. Efficacy of CPTH-treated egg baits for removing ravens. Human-Wildlife Conflicts 1:224-234.

Coates, P. S., S. J. Stiver, and D. J. Delehanty. 2006. Using Sharp-tailed Grouse movement patterns to guide release-site selection. Wildlife Society Bulletin 34:1376-1382.

Coats, J. 1955. Raising Lesser Prairie Chickens in captivity. Kansas Fish and Game 13(2):16-20.

Coats, J. 1956. Raising prairie chickens in captivity. Game Bird Gazette. February: 20-49.

Cogar, V. F. 1980. Food habits of Attwater's Prairie-Chicken in Refugio County, Texas. Ph. D. Dissertation. Texas A&M University, College Station.

Cogar, V. F., J. D. Horkel, and N. J. Silvy. 1977**.** Vegetation type preferences of Attwater's Prairie Chicken in coastal prairie. Proceedings of the Annual Conference of the Southeast Association of Fish and Wildlife Agencies 31:41-50.

Cokinos, C. 2000. Hope is the thing with feathers – A personal chronicle of vanished birds. Penguin Putnam, Inc., New York, NY. 359pp.

Collins, C. P. 2004. Ecology of Columbian Sharp-tailed Grouse breeding in coal mine reclamation and native upland cover types in northwestern Colorado. M. Sc. Thesis. University of Idaho.

Colvin, W. 1914. The lesser prairie hen. Outing 63:608-614.

Colvin, W. 1927. In the realm of the prairie hen. Outdoor Life. Jan:17-19.

Connelly, J. W. 1991. Seventeenth Western States Sage and Columbian Sharp-tailed Grouse Workshop: transactions : 24-26 July, 1991. Western Association of Fish and Game Agencies. 40pp.

Connelly, J. 1997. Prairie grouse translocations in North America: A viable management alternative? Grouse News 14:7-11.

Connelly, J. W., M. W. Gratson, and K. P. Reese. 1998. Sharp-tailed Grouse. *In* The Birds of North America, No. 354 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.

Connolly, T. T. 2001. Reproductive ecology of Sharp-tailed Grouse on the pine barrens of northwestern Wisconsin. M. Sc Thesis. University of Wisconsin, Stevens Point.

Connor, J. 2010. Mementos of a grouse long gone. Living Bird Spring 2010:36-37. (Heath Hen).

Conover, M. R., and J. S. Borgo. 2009. Do Sharp-tailed Grouse select loafing sites to avoid visual or offactory predators? Journal of Wildlife Management 73:242-247.

Conway, W. P. Lesser Prairie Chicken, a species to be watched. Pamphlet produced by Colorado Natural Areas Program, USDA Forest Service, and Colorado Division Of Wildlife.

Cope, M. G. 1992. Northwest Montana Libby/Hungry Horse Dams wildlife mitigation: Columbian Sharp-tailed Grouse. Prepared for U. S. Derpartment of Energy Bonneville Power Administration, Division of Fish & Wildlife, Portland, OR. 67pp.

Cope, M. G. 1992. Distribution, habitat selection and survival of transplanted Columbian Sharp-tailed Grouse (*Tympanuchus phasianellus columbianus*) in the Tobacco Valley, Montana. M. Sc. Thesis. Montana State University.

Copelin, F. F. 1957. Brood survival of Lesser Prairie Chickens. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 7pp.

Copelin, F. F. 1957. Distribution and comparative numbers of Lesser Prairie Chickens in Oklahoma by major habitat types. Oklahoma Department of Wildlife

Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 6pp.

Copelin, F. F. 1958. Booming ground survey. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 10pp.

Copelin, F. F. 1958. Daily and seasonal habitat use of Lesser Prairie Chickens (*Tympanuchus pallidicinctus*). Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 2pp.

Copelin, F. F. 1958. Daily and seasonal movements of Lesser Prairie Chickens (*Tympanuchus pallidicinctus*) in relation to food and cover. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 9pp.

Copelin, F. F. 1958. Evaluation of the Lesser Prairie Chicken habitat management program (food plots). Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 12pp.

Copelin, F. F. 1958. Habitat-use and survival of young Lesser Prairie Chickens. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 14pp.

Copelin, F. F. 1958. Pinnated Grouse habitat management. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 14pp.

Copelin, F. F. 1958. Sex and age of trapped Lesser Prairie Chickens (*Tympanuchus cupido pallidicinctus*). Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-02. 2pp.

Copelin, F. F. 1958. Welfare status of the Lesser Prairie Chicken in Oklahoma. M.Sc. Thesis, Oklahoma State University. 45pp.

Copelin, F. F. 1959. Notes regarding the history and current status of the Lesser Prairie Chicken in Oklahoma. Proceedings of the Oklahoma Academy of Science 37:158-161.

Copelin, F. F. 1959. Daily and seasonal habitat use study. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-03. 9pp.

Copelin, F. F. 1959. Daily and seasonal movements of Lesser Prairie Chickens in relation to food and cover. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-03. 19pp.

Copelin, F. F. 1959. Distribution and comparative numbers of Lesser Prairie Chickens

in Oklahoma by habitat types. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-062-R-03. 20pp.

Copelin, F. F. 1959. Evaluation of the Greater Prairie Chicken habitat management program (winter food plots) 1958-1959. Oklahoma Department of Wildlife Conservation Unpublished Report. Project W-062-R-03. 5pp.

Copelin, F. F. 1959. Habitat use and survival of young Lesser Prairie Chicken. Job Completion Report W-062-R-04, Prairie Chicken Management Research. Oklahoma Department of Wildlife Conservation.

Copelin, F. F. 1959. Lesser Prairie Chicken counts. Oklahoma Wildlife 15(5):8-9.

Copelin, F. F. 1960. Prairie dancers making recovery. Oklahoma Wildlife 16(9):14-15.

Copelin, F. F. 1963. The Lesser Prairie Chicken in Oklahoma. Oklahoma Department of Wildlife Conservation Technical Bulletin. No. 6. 58pp.

Copelin, F. F., J. Price, and V. Lambou. 1966. Hunting and fishing on private land in Oklahoma in 1964. Proceedings of the Oklahoma Academy of Science 47:385-393.

Cottam, C. 1962. Is the Attwater Prairie Chicken doomed ? Audubon Magazine 64:328-330.

Cowan, A. B., and T. J. Peterle. 1957. Leucocytozoon bonazae Clarke in Michigan Sharp-tailed Grouse. Journal of Wildlife Management 21:469-471.

Crawford, J. A. 1973. The Lesser Prairie Chicken in Texas. Bulletin of the Texas Ornithological Society 6:2-3.

Crawford, J. A. 1974. The effects of land use on Lesser Prairie Chicken populations in west Texas. Ph.D. Dissertation, Texas Tech. University, Lubbock. 69pp.

Crawford, J. A. 1976. The effects of land use on Lesser Prairie Chicken populations in west Texas. Journal of Range Management 29:59 (abstract only).

Crawford, J. A. 1978. Morphology and behavior of Greater x Lesser Prairie Chicken hybrids. Southwestern Naturalist 23:591-596.

Crawford, J. A. 1980. Status, problems, and research needs of the Lesser Prairie Chicken. Pp. 1-7 *in* Proceedings of the Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Crawford, J. A. 1981. Status of the Lesser Prairie Chicken. World Pheasant Association Journal 7:28-35.

Crawford, J. A. 1989. A plan for the reintroduction of Columbian Sharp-tailed Grouse into Oregon. Oregon State University. 20pp.

Crawford, J. A., and E. G. Bolen. 1972. Effects of land use on Lesser Prairie Chicken populations in west Texas. Pp8-9 *in* H.A. Wright (ed). Noxious brush and weed control research highlights, volume 3. 38pp. Texas Tech. University.

Crawford, J. A., and E. G. Bolen. 1973. Effects of land use on Lesser Prairie Chicken populations. P30 *in* H.A. Wright and R.E. Sosebee (eds.). Noxious brush and weed control research highlights, volume 4. 39pp. Texas Tech. University.

Crawford, J. A., and E. G. Bolen. 1973. Spring use of stock ponds by Lesser Prairie Chickens. Wilson Bulletin. 85:471-472.

Crawford, J. A., and E. G. Bolen. 1974. The effects of land use on Lesser Prairie Chicken populations in west Texas. P. 34 *in* H.A. Wright and R.E. Sosebee (eds.) Noxious brush and weed control research highlights., volume 5. 48pp. Texas Tech University.

Crawford, J. A., and E. G. Bolen. 1975. Spring lek activity of the Lesser Prairie Chicken in west Texas. Auk 92:808-810.

Crawford, J. A., and E. G. Bolen. 1976. Fall diet of Lesser Prairie-Chicken in west Texas. Condor. 78:142-144.

Crawford, J. A., and E. G. Bolen. 1976. Effects of land use on Lesser Prairie Chickens in Texas. Journal of Wildlife Management 40:96-104.

Crawford, J. A., and E. G. Bolen. 1976. Effects of lek disturbances on Lesser Prairie Chickens. Southwestern Naturalist 21:238-240.

Crawford, J. A., and J. W. Snyder. 1995. Habitat use, movements, and reproduction by translocated Columbian Sharp-tailed Grouse in eastern Oregon. Oregon State University, Corvalis.

Crawford, J. A., and F. A. Stormer. 1980. A bibliography of the Lesser Prairie Chicken, Gen. Tech. Rep. RM-80. Rocky Mountain Forest and Range Experimental Station, USDA Forest Service. 8pp.

Crouch, B., and H. H. Pietz. 1986. Grouse management surveys, 1980: annual report. South Dakota Department of Game, Fish and Parks. Pittman-Robertson Project, W-95-R-15, Game report No. 86-9. 23pp.

Crouch, B., and H. H. Pietz. 1986. Grouse management surveys, 1981: annual report. South Dakota Department of Game, Fish and Parks. Pittman-Robertson Project,

W-95-R-16; Game report No. 86-10. 22pp.

Crouch, B., and H. H. Pietz. 1986. Grouse management surveys, 1982: annual report. South Dakota Department of Game, Fish and Parks. Pittman-Robertson Project, W-95-R-17 ; Game report No. 86-13. 22pp.

Crouch, B., and H. H. Pietz. 1986. Grouse management surveys, 1983: annual report. South Dakota Department of Game, Fish and Parks. Pittman-Robertson Project, W-95-R-18 ; Game report No. 86-16. 20pp.

Crouch, B., and H. H. Pietz. 1986. Grouse management surveys, 1984: annual report. South Dakota Department of Game, Fish and Parks. Pittman-Robertson Project, W-95-R-19 ; Game report No. 86-35. 18pp.

Crouch, B., and H. H. Pietz. 1990. Grouse management surveys, 1989: annual report. South Dakota Department of Game, Fish and Parks. Pittman-Robertson Project, W-95-R-24 ; Study No. 9502, Jobs 1-4. 19pp.

Cunningham, D. (coord.). 1984. Prairie grouse in Nebraska. NE Game and Parks Commission, Lincoln. 15pp.

Cusato, M. B., and M. E. Morrow. 2003. Fear in the captive-bred Attwater's Prairie Chickens as an indicator of postrelease survival. International Journal of Comparative Psychology 16:95-110.

Cushing, J. E. Jr. 1941. The Colombian Sharp-tailed Grouse in Lake County, Oregon. Condor 43:75.

Dahlgren, R. B., C. M. Twedt, and R. F. Henderson. 1964. Lens weights of Sharp-tailed Grouse. Journal of Wildlife Management 28:853-854.

Dalquest, W. W. 1940. Sharp-Tailed Grouse in Washington. The Murrelet 21:10.

Dargan, L. M., R. J. Keller, H. R. Shepherd, and R. N. Randall. 1942. Survey of 1941-21: food studies, parasite relations, habitat requirements, including preliminary data on Sharp-tailed Grouse in Moffat and Routt Counties. Colorado Game and Fish Commission, Sage Grouse Survey 4. 10pp.

Davies, B. 1992. Lesser Prairie Chicken recovery plan. Colorado Division of Wildlife. 24pp.

Davis, C. A., T. Z. Riley, R. A. Smith, H. R. Suminski, and M. J. Wisdom. 1979. Habitat evaluation of Lesser Prairie Chickens in eastern Chaves County, New Mexico. New Mexico Agriculture Experimental Station, Las Cruces. Final Report to Bureau of Land Management, Roswell. Contract YA-512-CT6-61. 141pp.

Davis, C. A., T. Z. Riley, J. F. Schwarz, H. R. Suminski, and M. J. Wisdom. 1980. Livetrapping female prairie chickens on spring leks. Pp.64-67 *In* Proceedings of the Prairie Grouse Symposium. (R.A. Vohs and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Davis, C. A., T. Z. Riley, R. A. Smith, and M. J. Wisdom. 1980. Spring-summer foods of Lesser Prairie Chickens in New Mexico. Pp. 75-80. *In* Proceedings of the Prairie Grouse Symposium. (R.A. Vohs and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Davis, C. A., G. G. Ahlborn, S. S. Merchant, D. L. Wilson. 1981. Evaluation of Lesser Prairie Chicken habitat in Roosevelt County, New Mexico. Final Report to New Mexico Department of Fish and Game. Contract 516-67-05. New Mexico State University, Las Cruces. 130pp.

Davis, D. M. 2006. Final investigative report: The Lesser Prairie-Chicken in New Mexico. New Mexico Department of Game and Fish. 133pp.

Davis, D. M. 2009. Nesting ecology and reproductive success of Lesser Prairie-Chickens in shinnery oak-dominated rangelands. Wilson Journal of Ornithology 121:322-327.

Davis, D. M., R. E. Horton, E. A. Odell, R. D. Rodgers, and H. A. Whitlaw. 2008. Lesser Prairie-Chicken Conservation Initiative. Lesser Prairie-Chicken Interstate Working Group. Unpublished Report, Colorado Division of Wildlife, Fort Collins, CO. 121pp.

Davis, G. 1987. Sharp-tailed Grouse habitat management for private landowners. Minnesota Sharp-tailed Grouse Society. Duluth. 6pp.

Davison, V. E. 1935. The Davison Ranch, Ellis County Oklahoma, Game Bird Project. Unpublished report to Oklahoma Game and Fish Dept. 105 pp.

Davison, V. E. 1936. A report on the Arnett, Oklahoma, experimental quail and prairie chicken management project. U.S.D.A. Bureau of Biolological Survey. Wildlife Research Leaflet BS-39. 6pp.

Davison, V. E. 1940. An 8-year census of Lesser Prairie Chickens. Journal of Wildlife Management 4: 55-62.

Dawson, W. L. 1896. Notes on the birds of Okaogan Co., Washington. Wilson Bulletin 8(5):1-4.

Deeble, B, D. 1996. Conservation of Columbian Sharp-tailed Grouse, with special emphasis on the upper Blackfoot Valley, Montana. M. Sc. Thesis. University of Montana.

Defex Cuervo, T. I. 2008. Evaluating sustainability of endangered species via simulation: A case study of the Attwater's Prairie Chicken (*Tympanuchus cupido attwateri*). Ph. D. Dissertation. Texas A&M University. 94pp.

DeHart, K. M. 2003. Great Horned Owl distribution and habitat use relative to post-release survival of endangered Attwater's Prairie Chickens. M.Sc. Thesis. Boise State University, Boise, Idaho.

Derner, J. D., W. K. Lauenroth, P. Stapp, and D. J. Augustine. 2009. Livestock as ecosystem engineers for grassland bird habitat in the western Great Plains of North America. Rangeland Ecology and Management 62:111-118. (Lesser Prairie-Chicken).

Devoy, A. M. 1998. Bringing the boom back to Missouri. Missouri Conservationist March, 1998. Pp.5-7.

Dick, T. A. 1981. Ectoparasites of Sharp-tailed Grouse, *Pediocetes phasianellus*. J. Wildife Diseases 17:229-235.

Dickerman, R. W., and J. P. Hubbard. 1994. An extinct subspecies of Sharp-tailed grouse from New Mexico. Western Birds 25:128-136.

Dimare, M. I. 1991. Effects of lek shape on reproductive behavior of Attwater's Prairie-Chicken. Ph. D. Dissertation. Texas A&M University.

Dimare, M. I., N. J. Silvy, and J. M. Packard. 1990. Lek shape and prairie chicken reproductive-behavior. American Zoologist 30(4):A80.

Doerr, T. B. 1980. Effects of tebuthiuron on Lesser Prairie Chicken habitat and food supplies. M. Sc. Thesis, Texas Tech. University, Lubbock. 55pp.

Doerr, T. B., and F. S. Guthery. 1978. Effects of tebuthiuron on Lesser Prairie Chicken habitat. P38. *In* R.E. Sosebee and H.A. Wright (eds.) Noxious brush and weed control research highlights, volume 9. 69pp. Texas Tech. University, Lubbock.

Doerr, T. B., and F. S. Guthery. 1979. Effects of Graslan on Lesser Prairie Chicken food supplies and habitat. P.61 in R.E. Sosebee and H.A. Wright (eds.). Noxious brush and weed control research highlights, volume 10. 70pp. Texas Tech. University, Lubbock.

Doerr, T. B. and F. S. Guthery. 1980. Effects of shinnery oak control on Lesser Prairie Chicken habitat. Pp. 59-63 *in* Proceedings of the Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Doerr, T. B., and F. S. Guthery. 1983. Effects of tebuthiuron on Lesser Prairie-chicken

habitat and food. Journal of Wildlife Management 47:1138-1142.

Doerr, T. B., and F. S. Guthery. 1983. Food selection by Lesser Prairie Chickens in northwest Texas. Southwestern Naturalist. 28: 381-383.

Donaldson, D. D. 1966. Brush control and the welfare of Lesser Prairie Chickens in western Oklahoma. Proceedings of the Oklahoma Academy of Science 46: 221-228.

Donaldson, D. D. 1966. Identification of habitat components used by Lesser Prairie Chickens. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-090-R-01. 4pp.

Donaldson, D. D. 1966. Survey of display grounds. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-090-R-01. 3pp.

Donaldson, D. D. 1966. Vegetation analysis. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration, Project W-090-R-01. 11pp.

Donaldson, D. D. 1969. Effect on Lesser Prairie Chickens of brush control in western Oklahoma. Ph. D. Dissertation. Oklahoma State University, Stillwater.

Doughty, R. W. 1974. Attwater Prairie Chicken. Wildlife, Wld Conserv. Yb. 1974:58-61.

Douglass, D. W. 1942. A Prairie Chicken booming grounds survey in central Michigan. Wilson Bulletin 54:171-172.

Douglass, D. W. 1943. Sharptail stocking progress. Michigan Conservationist 12(3):8-9.

Drake, D. 1994. Captive propagation and brood behavior of Greater Prairie Chickens. M. Sc. Thesis, Texas A&M University, College Station, TX 49pp.

Drees, B. M., J. Hoskins, and M. Morrow. 19XX. Survey of imported fire ant mound densities in managed native prairies - the Attwater Prairie-Chicken National Wildlife Refuge. Report. 3pp.

Dreschler, Y., R. L. Bohls, R. Smith, N. Silvy, H. Lillehoj, and E. W. Collisson. 2009. An avian, oncogenic retrovirus replicates in vivo in more than 50% of CD4+ and CD8+ T lymphocytes from an endangered grouse. Virology 386:380-386. (Attwater's Prairie-Chicken).

Drew, M. L., W. L. Wigle, D. L. Graham, C. P. Griffin, N. J. Silvy, A. Fadly, and R. Witter. 1997. Reticuloendotheliosis in captive Greater *Tympanuchus cupido pinnatus* and Attwater's Prairie-Chickens *T. c. attwaterii*. Wildlife Biology

3:290. Abstract only.

Drew, M. L., W. L. Wigle, D. L. Graham, C. P. Griffon, N. J. Silvy, A. M. Fadly, and R. L. Witter. 1998. Reticuloendotheliosis in captive Greater and Attwater's Prairie Chickens. Journal of Wildlife Diseases 34:783-791.

Drobney, R. D. 1973. Habitat utilization by prairie chickens in relation to land-use practices in Benton County, Missouri. M. A. Thesis, University of Missouri, Columbia.

Drobney, R. D., and R. D. Sparrowe. 1977. Land use relationships and movements of Greater Prairie Chickens in Missouri. Transactions of the Missouri Academy of Science 10-11:146-160.

Drummer, T. D., R. G. Corace III, S. J. Sjogren. 2011. Sharp-tailed Grouse lek attendance and fidelity in upper Michigan. Journal of Wildlife Management 75:311-318.

DuMont, P. A. 1933. *Pedioecetes phasianellus kennicottii* revived. Auk 50:432-433.

Dunn, P. 2001. Genetics reveals changes in Prairie Chicken populations. Boom! 39(1):3, 5.

Durbian, F. E., III, E. J. Finck, and R. D. Applegate. 1999. Greater Prairie-Chicken harvest in Kansas: early vs. regular seasons. Great Plains Research 9:87-94.

Durbian, F. E., III, E. J. Finck, and R. D. Applegate. 1999. Greater Prairie-Chicken harvest in Kansas: early vs. regular seasons. Great Plains Research 9:421-422.

Eddy, T. A. 1997. Effects of range condition on habitat use by Greater Prairie-Chickens *Tympanuchus cupido*. Wildlife Biology 3:286. Abstract only.

Edgley, E. F. 2001. Use of geographic information systems to model potential Columbian Sharp-tailed Grouse nesting/brood rearing habitat (*Tympanuchus phasianellus*). M. Sc. Thesis, Utah State University.

Eimes, J. A., J. L. Bollmer, P. O. Dunne, L. A. Whittingham, and C. Wimpee. 2010. *Mhc* class II diversity and balancing selection in Greater Prairie-Chickens. Genetica 138:265-271.

Elliot, D. G. 1862. Remarks on the species composing the genus *Pediocaetes*, Baird. Proceedings of the Academy of Natural Sciences of Philadelphia 14:402-404.

Ellis, R. J. 1964. Responses of bobwhites and prairie chickens to habitat manipulation. Job Completion Report, Project No. W-66-R-4. 26pp.

Ellis, R. J. 1964. Responses of bobwhites and prairie chickens to habitat manipulation. Job Completion Report, Poject No. W-66-R-3. 24pp.

Ellis, R. J. 1965. Prairie chicken numbers and the federal Conservation Reserve Program in Illinois. Presented at the Prairie Grouse Technical Council Meeting, Warroad, MN, 1965. 6pp.

Ellsworth, D. L. 1991. Mitochondrial DNA and nuclear gene diversity among white-tailed deer (*Odocoileus virginianus*) populations in the southeastern United States and within the American prairie grouse (*Tympanuchus*) complex. Ph. D. Dissertation. Texas A&M University.

Ellsworth, D. L., R. L. Honeycutt, N. J. Silvy, K. D. Rittenhouse, and M. H. Smith. 1994. Mitochondrial-DNA and nuclear-gene differentiation in North American prairie grouse (Genus *Tympanuchus*). Auk. 111:661-671.

Elmore, D., T. Bidwell, R. Ranft, and D. Wolfe. 2009. Habitat evaluation guide for the Lesser Prairie-Chicken. E-1014. Oklahoma Cooperative Extension Service, Division of Agricultural Sciences and Natural Resources, Oklahoma State University, Stillwater, Oklahoma. 26pp.

Emery, N. G. 2009. Reproductive ecology of female Greater Prairie-Chickens (*Tympanuchus cupido pinnatus*) in a restored prairie landscape. Progress Report Field Season 2008. University of North Dakota, Grand Forks, and University of Minnesota, Crookston. 14pp.

Emery, N. G. 2009. Habitat use, movement, and survival of Greater Prairie Chicken (*Tympanuchus cupido pinnatus*) females and broods at Glacial Ridge National Wildlife Refuge. Progress Report Field Season 2009. University of North Dakota, Grand Forks. 17pp.

Eng, R. L. 1971. Two hybrid Sage Grouse x Sharp-tailed Grouse from central Montana. Condor 73:491-493

Eng, R. L., J. E. Toepfer, and J. A. Newell. 1988. Management of livestock to improve and maintain Prairie-Chicken habitat on the Sheyenne National Grasslands. Pp. 55-57 *in* Prairie-Chickens on the Sheyenne National Grasslands (A.J. Bjugstad, ed.). USDA Forest Servive, General Technical Report RM-159.

Environmental Defense Fund. 2009. An inexpensive opportunity to reduce the hazard to Greater Sage Grouse and Lesser Prairie Chickens from fencing. 12pp.

Erb, J. 2004. Minnesota grouse and hares, 2004. Minnesota Department of Natural Resources. 5pp. (Ruffed Grouse, Sharp-tailed Grouse).

Erickson, A. B., and R. E. Farmes. 1960. Nesting distribution of the Greater Prairie-

Chicken and Sharp-tailed Grouse. The Flicker 32:60-61.

Erickson, A. B., and W. H. Petraborg. 1952. Pinnated grouse- prince of the prairie. Conservation Volunteer 15:6-11.

Erickson, D. W., and F. W. Sampson. 1978. Responses of prairie grouse to avian and mammalian visitors on display grounds in northwestern Minnesota. Prairie Naturalist 10:17-22.

Escott, N. G. 2003. The Sharp-tailed Grouse in Thunder Bay District. Ontario Birds 21:2-14.

Etheredge, O. F. 1943. Lesser Prairie Chicken experimental management in the Texas Panhandle. Texas Game, Fish, and Oyster Commission, Federal Aid in Wildlife Restoration, Project 1-R. (Jan-Mar). 4pp.

Etheredge, O. F. 1943. Lesser Prairie Chicken experimental management in the Texas Panhandle. Texas Game, Fish, and Oyster Commission, Federal Aid in Wildlife Restoration, Project 1-R (Jul-Sep). 7pp.

Etter, S. L. 1963. Age determination and growth in juvenile Greater Prairie-Chickens. M. Sc. Thesis. University of Illinois, Urbana. 33pp.

Evans, K. E. 1966. Observations of a hybrid between the Sharp-tailed Grouse and the Greater Prairie-Chicken. Auk 83:128-129.

Evans, K. E. 1968. Characteristics and habitat requirements of the Greater Prairie Chicken and Sharp-tailed Grouse—a review of the literature. USDA Forest Service, Conservation Research Report 12. Fort Collins, Colorado. 31pp.

Evans, K. E. 1971. Energetics of Sharp-tailed Grouse (*Pedioecetes phasianellus*) during winter in western South Dakota. Ph D. Dissertation. Cornell University.

Evans, K. E., and D. R. Dietz. 1974. Nutritional energetics of Sharp-tailed Grouse during winter. Journal of Wildlife Management 38:622-629.

Evans, K. E., and D. L. Gilbert. 1969. A method for evaluating Greater Prairie-Chicken habitat in Colorado. Journal of Wildlife Management 33:643-649.

Evans, K. E., and A. N. Moen. 1975. Thermal exchange between Sharp-tailed Grouse (*Pedioectes phasianellus*) and their winter environment. Condor 77:160-168.

Evans, R. M. 1961. Courtship and mating behavior of the Sharp-tailed Grouse (*Pediocetes phasianellus jamesi*, Lincoln). M. Sc. thesis. University of Alberta, Edmonton.

Evans, R. M. 1969. Territorial stability in Sharp-tailed Grouse. Wilson Bulletin 81:75-78.

Evans, T. R., E. H. Smith, and J. Grieb. 1954. Evaluating wildlife habitat development why and how. Presented at 16th. Midwest Wildlife Conference, St. Louis, MO, 1-3 Dec 1954.

Evenson, D., and J. Evrard. 2004. Wisconsin Sharp-tailed Grouse Society. Grouse Partnership News 5:35.

Evrard, J. O. 2004. The Greater Prairie-Chicken in Crex Meadows: an unsuccessful restoration attempt. Passenger Pigeon 66:199-209.

Evrard, J. O., J. E. Hoefler, and P. A. Kooiker. 2000. The history of Sharp-tailed Grouse in the Crex Meadows Wildlife Area. Passenger Pigeon 62:175-183.

Farley, J. A. 1923. Dr. Blagden on the Heath Hen. Auk 40:321-323.

Farmes, R. F. 1955. A new…tip-top trap for taking prairie grouse. The Flicker 27:123-125.

Farmes, R. E. 1957. Sharp-tailed Grouse in Minnesota. Flicker 29:92-94.

Farmes, R. E. 1960. Sharp-tailed Grouse roadside census (by Wardens and Game Managers), 1960. Minn. Game. Res. Q. 20(2):24-25.

Farmes, R. F., and G. H. Maertens. 1973. The status of the prairie chicken in Minnesota: What now? Pp. 92-94 *in* The prairie chicken in Minnesota: conference Proceeding, April 28, 1973 (W.D. Svedarsky and T. Wolfe, eds.).

Farrar, J. Prairie grouse. Nebraska natives: their past, present and future. NE Game and Parks Commission. Nebraskaland 51(4):26-42.

Fefferman, N. H. 2005. Applications of mathematical models to resolving questions in animal behavior, ecology and epidemiology. Ph D. Dissertation. Tufts University.

Field, G. W. 1908. A report upon the Eastern Pinnated Grouse or Heath Hen (*Tympanuchus cupido*). Abstract from the Forty-second Annual Report of the Massachusetts Commissioners on Fisheries and Game for the Year ending December 31, 1907. 13pp.

Field, G. W. 1915. The Eastern Pinnated Grouse. Forest and Stream May 1915. Vol. 85, No. 5, pp 296-297.

Fields, T. L. 2004. Breeding season habitat use of Conservation Reserve Program

(CRP) land by Lesser Prairie-Chickens in west central Kansas. M. Sc. Thesis, Colorado State University, Fort Collins.

Fields, T. L., G. C. White, W. C. Gilgert, and R. D. Rodgers. 2006. Nest and brood survival of Lesser Prairie-Chickens in west central Kansas. Journal of Wildlife Management 70:931-938.

Fitzpatrick, M. C. 2003. Use of GIS and a modified habitat suitability index model to quantify Columbian Sharp-tailed Grouse habitats in the upper Blackfoot Valley, Montana. M. Sc. Thesis. University of Montana.

Flake, L. D., J. W. Connelly, T. R. Kirschenmann, and A. J. Lindbloom. 2010. Grouse of the plains and mountains – the South Dakota story. South Dakota Department of Game Fish, and Parks. Pierre, SD. 246 pp. (Greater Sage-Grouse, Greater Prairie-Chicken, Sharp-tailed Grouse, Ruffed Grouse).

Flanders, B. L. 2002. Prairie grouse production on Valentine National Wildlife Refuge: The effects of weather and grassland management. M. Sc. Thesis. Colorado State University, Fort Collins. 116pp.

Flanders-Wanner, B. L., G. C. White, and L. L. McDaniel. 2004. Weather and prairie grouse: dealing with effects beyond our control. Wildlife Society Bulletin 32:22-34.

Flanders-Wanner, B. L., G. C. White, and L. L. McDaniel. 2004. Validity of prairie grouse harvest-age ratios as production indices. Journal of Wildlife Management 68:1088-1094.

Flickenger, E. L. and D. M. Swineford. 1983. Environmental contaminant hazards to Attwater's Greater Prairie-Chickens. Journal of Wildlife Management 47:1132-1137.

Flock, B. E. 2002. Landscpe features associated with Greater Prairie-Chicken lek locations in Kansas. M. Sc. Thesis. Emporia State University, Emporia, KS.

Flock, B. E., K. R. Van Why, R. D. Applegate, and R. L. Tush. 2001. Additional observations of Greater Prairie-Chickens displaying in tree on lek. Transactions of the Illinois State Academy of Science 94 (1): 55-57.

Flock, B. E., K. R. Van Why, and R. D. Applegate. 2002. Harassment of a Greater Prairie-Chicken lek by American Crows. Proceedings of the Oklahoma Academy of Science 82:1-3.

Follen, B. E. 1966. Prairie Chicken vs. pheasant. Passenger Pigeon 28:16-17.

Foote, J. E., 1958. Greater Prairie Chicken dying on booming ground. Journal of

Wildlife Management 22:312.

Forbush, E. H. 1918. The Heath Hen of Martha's Vineyard. American Museum Journal 18:277-285.

Fox, A. C. 1937. Prairie Sharp-tailed Grouse budding on wild plum. Auk 54:534-535.

Fox, J. 2008. A review of the Greater Prairie-Chicken and potential reintroductions to Northeastern Illinois. B. A. Thesis. Wake Forest College.

Frary, L. G. 1955. Life history of Lesser Prairie Chicken. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration, Project W-077-R-01. 3pp.

Frary, L. G. 1955. Rodent-predator relationships as a factor on prairie chicken habitat and reproduction. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration, Project W-077-R-01. 3pp.

Frary, L. G. 1956. Life history of Lesser Prairie Chicken. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration, Project W-077-R-02. 7pp.

Frary, L .G. 1957. Prairie chicken food habits investigation. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration, Project W-077-R-03. 7pp.

Frary, L. G. 1957. Evaluation of prairie chicken ranges. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration, Project Completion Report, Project No. W-77-R-3. 81pp.

Frary, L. G. 1959. Lesser Prairie Chicken food habits investigation. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration, Project W-077-R-04. 12pp.

Frederickson, L. F. 1995. Prairie chicken range expansion and movements study, 1986-87. South Dakota Department of Game, Fish, and Parks. Progress Report No.95-03. 44pp.

Frederickson, L. F. 1995. Prairie chicken range expansion and movements study, 1985-89. South Dakota Department of Game, Fish, and Parks. Completion Report No.96-11. 125pp.

Frederickson, L. 1996. Prairie grouse nesting, nest vegetation, and roost vegetation, 1986-1988. South Dakota Department of Game, Fish, and Parks. Completion Report No. 96-03. 39pp.

Frederickson, L. 1996. The Greater Prairie Chicken: How large is their home range? What habitats do they use? What effect do weather and grazing have on nesting

and brood success? A study answered these questions, and others. South Dakota Conservation Digest. Sep/Oct 1996. Pp11-12.

Fredrickson, L. F., B. Crouch, and G. L. Heismeyer. 1999**.** Status and management of the Greater Prairie Chicken in South Dakota. Pp. 75-80 *in* The Greater Prairie Chicken: A national look (W.D. Svedarsky, R.H. Hier, and N.J. Silvy, *eds*.).

Frey, P. 1967. Prairie boomers head south. Outdoor Oklahoma 23(4):12-13.

Friedmann, H. 1943. New race of the Sharp-tailed Grouse. Journal of the Washington Academy of Science 33:189-191.

Fuhlendorf, S. D., A. J. W. Woodward, M. D. Leslie, and J. S. Shackford. 2002. Multi-scale effects of habitat loss and fragmentation on Lesser Prairie-Chicken populations of the US Southern Great Plains. Landscape Ecology 17:617-628.

Gabrielson, I. N. 1969. United States of America. No. 82. Attwater's Prairie Chicken – establishment of breeding sanctuary in Texas. Yearbook of the World Wildlife Fund 1986:175-176,246.

Gardner, S. C. 1997. Movements, survival, productivity, and a test of a habitat suitability index model for reintroduced Columbian Sharp-tailed Grouse. M. Sc. Thesis. University of Idaho, Moscow.

Geary, D. 1986. Monitoring Greater and Lesser Prairie Chicken. Oklahoma Department of Wildife Conservation, Project No. W-82-R-25, Study No. 1, Job 1.

Geaumont, B. A., C. S. Schauer, and K. K. Sedivec. 2008. Observations of Ring-Necked Pheasant (*Phasianus colchicus*) Nest Parasitism of Sharp-tailed Grouse (*Tympanuchus phasianellus*) Nests in Southwestern North Dakota**.** Abstracts of the 2008 Joint Meeting of the Society for Range Management and the America Forage and Grassland Council. (abstract only).

Geaumont, B. A., K. K. Sedivec, and C. S. Schauer. 2010. Ring-necked Pheasant nest parasitism of Sharp-tailed Grouse nests in southwest North Dakota. Prairie Naturalist 42:73-75.

Geiger, A. E. 1993. Greater Prairie-Chicken (*Tympanuchus cupido*) x Sharp-tailed Grouse (*Tympanuchus phasianellus*) hybrid. Passenger Pigeon 55:266.

Gibson, V. H. 1973. Habitat management of the Lesser Prairie Chicken on the Comanche National Grasslands. Proceedings of the Prairie Grouse Technical Council 10:11-13 (abstract).

Giesen, K. M. Recommendations for monitoring habitats of Lesser Prairie-Chickens in sand sagebrush habitats in Colorado.

Giesen, K. M. 1987. Population characteristics and habitat by Columbian Sharp-tailed Grouse in northwest Colorado. Final Report. Colorado Division of Wildlife, Federal Aid Project W-152-R

Giesen, K. M. 1991. Population inventory and habitat use by Lesser Prairie-Chickens in southeast Colorado. Federal Aid in Wildlife Restoration, Report W-152-R, Colorado Division of Wildlife.

Giesen, K. M. 1992. Body mass of Columbian Sharp-tailed Grouse. Prairie Naturalist 24:191-196.

Giesen, K. M. 1994. Breeding range and population status of Lesser Prairie-Chickens In Colorado. Prairie Naturalist 26:175-182.

Giesen, K. M. 1994. Movements and nesting habitat of Lesser Prairie-Chicken hens in Colorado. Southwestern Naturalist 39:96-98.

Giesen, K. M. 1997. Seasonal movements, home ranges, and habitat use by Columbian Sharp-tailed Grouse in Colorado. CO Div. Wildl. Spec. Rep. No. 72. 22pp.

Giesen, K. M. 1998. The Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). *In* The Birds of North America, No. 364 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.

Giesen, K. M. 1999. Columbian Sharp-tailed Grouse wing analysis: implications for management. CO Div. Wildl. Special Rep. No. 74. 16pp.

Giesen, K. M. 2000. Population status and management of Lesser Prairie-Chicken in Colorado. Prairie Naturalist 32: 137-148.

Giesen, K. M. 2003. Breeding surveys and habitat evaluation for Lesser Prairie-Chickens and Mountain Plovers on the Kiowa and Rita Blanca Grasslands in New Mexico, Texas, and Oklahoma. USDA Forest Service District Files.

Giesen, K. M., and C. E. Braun. 1993. Status and distribution of Columbian Sharp-tailed Grouse in Colorado. Prairie Naturalist 25:237-242.

Giesen, K. M., and J. W. Connelly. 1993. Guidelines for management of Columbian Sharp-tailed Grouse habitats. Wildlife Society Bulletin 21:325-333.

Giesen, K. M., and G. D. Kobriger. 1997. Status and management of Sharp-tailed Grouse *Tympanuchus phasianellus* in North America. Wildlife Biology 3:286. Abstract only.

Giesen, K. M., and M. A. Schroeder. 1999. Population status and distribution of

Greater Prairie Chickens in Colorado. Pp. 99-104 *in* The Greater Prairie Chicken: A national look (W.D. Svedarsky, R.H. Hier, and N.J. Silvy, *eds*.).

Giesen, K. M., M. A. Schroeder, W. D. Snyder, and S. M. Joy. 1991. Wildlife research report: avian research, upland birds: federal aid projects. Colorado Division of Wildlife. 330 pp. (Greater Sage Grouse, Greater Prairie-Chicken, Lesser Prairie-Chicken, White-tailed Ptarmigan).

Ginn, W. E. 1968. No prairies, no chickens. Outdoor Indiana. 33(7):16-19.

Giudice, J. H. 2004. Minnesota Prairie-Chicken survey: 2004 annual report. Minn. Dept. Nat. Resour. 11pp.

Glotzhober, R. C. 1989. Competition breeds disaster: the demise of the prairie chicken. Timeline (Ohio Hist. Soc): 1989, 6(3):20-25.

Goddard, A. D. 2007. Reproductive success and habitat selection of Sharp-tailed Grouse (T*ympanuchus phasianellus*) in the Peace River Region, northeast British Columbia. M. Sc. Thesis. University of Northern British Columbia. 176pp.

Goddard, A. D., and R. D. Dawson. 2009. Factors influencing the survival of neonate Sharp-tailed Grouse *Tympanuchus phasianellus*. Wildlife Biology 15:60-67.

Goddard, A. D., and R. D. Dawson. 2009. Seasonal changes in habitat features influencing nest survival of Sharp-tailed Grouse in northeastern British Columbia, Canada. Ecoscience 16:476-482.

Goddard, A. D., R. D. Dawson, and M. P. Gillingham. 2009. Habitat selection by nesting and brood-rearing Sharp-tailed Grouse. Canadian Journal of Zoology 87:326-336.

Godfrey, C. D. 2002. The chickens of Canadian. Grouse Partnership News 3:26-27.

Golner, D. P. 1997. Analysis of habitat selection by female Greater Prairie-Chickens in central Wisconsin. M. Sc. Thesis. University Wisconsin-Stevens Point.

Goodhue, S. 1893. The Prairie-Hen and its enemies. The Cosmopolitan Aug 1893 15(4):476-483.

Gough, S. 1990. Overview of the Greater Prairie-Chicken status outside Missouri. Missouri Dept. Conservation.

Grange, W. B. 1940. A comparison of the displays and vocal performance of the Greater Prairie Chicken, Lesser Prairie Chicken, Sharp-tailed Grouse, and Sooty Grouse. Passenger Pigeon. 2:127-133.

Gratson, M. W. 1982. Goshawks prey on radio-tagged Sharp-tailed Grouse. J. Field Ornithol. 53:54-55.

Gratson, M. W. 1983. Habitat, mobility, and social patterns of Sharp-tailed Grouse in Wisconsin. MS thesis. Univ. Wisc., Stevens Point.

Gratson, M. W. 1988. Spatial patterns, movements, and cover selection by Sharp-tailed Grouse. Pp. 158-192 *in* Adaptive strategies and population ecology of northern grouse. (A. T. Bergerud and M. W. Gratson, eds.).

Gratson, M. W. 1989. Intraspecific nest parasitism by Sharp-tailed Grouse. Wilson Bull. 101:126-127.

Gratson, M. W. 1990. Sexual selection on Sharp-tailed Grouse leks. PhD Dissertation. Univ. Victoria.

Gratson, M. W. 1992. Sexual selection for increased male courtship and acoustic signals and against large male size at Sharp-tailed Grouse leks. Evolution 47:691-696.

Gratson, M. W., G. K. Gratson, and A. T. Bergerud. 1991. Male dominance and copulation disruption do not explain variance in male mating success on Sharp-tailed Grouse (*Tympanuchus phasianellus*) leks. Behaviour 118:187-213.

Gratson, M. W., J. E.Toepfer, and R. K. Anderson. 1990. Habitat use and selection by male sharp-tailed grouse, *Tympanuchus phasianellus campestris*. Canadian Field-Naturalist. 104(4): 561-566.

Green, R. G., and J. E. Shillinger. 1932. A natural infection of the Sharp-tailed Grouse and the Ruffed Grouse by *Pasteurella tularensis*. Proc. Soc. Exp. Biol. And Med. 30:284-287.

Greer, R. D. 2010. Ecology and seasonal habitat use patterns of Columbian Sharp-tailed Grouse in northern Utah. M. Sc. thesis. Utah State University. 65pp.

Gregg, L. 1987. Recommendations for a program of Sharptail habitat preservation in Wisconsin. Research Report 141. Wisconsin Department of Natural Resources 24pp.

Gregg, L. E. 1990. Harvest rates of Sharp-tailed Grouse on managed areas in Wisconsin. Wisconsin Department of Natural Resources Research Report 152. 13pp.

Gregg, L., and N. D. Niemuth. 2000. The history, status, and future of Sharp-tailed Grouse in Wisconsin. Passenger Pigeon 62:159-174.

Gregory, A. J. 2011. Landscape genetics and behavioral ecology of Greater Prairie-Chickens (*Tympanuchus cupido*). Ph. D. Dissertation. Kansas State University.

142pp.

Greichus, Y. A., A. Greichus, and E. G. Reider. 1968. Residues in fish, wildlife, and estuaries. Insecticide residues in grouse and pheasants of South Dakota. Pesticide Monit. J. 2:90-92.

Griffin, C. P. 1998. Factors affecting captive prairie chicken production. PhD Dissertation. TX A&M Univ. 99pp.

Griffin, C. P., M. E. Morrow, and N. J. Silvy. 1997. Insects as a possible limiting factor for Attwater's Prairie-Chicken *Tympanuchus cupido attwaterii*. Wildl. Biol. 3:288. Abstract only.

Gross, A. O. 1928. The Heath Hen. Memoirs Boston Soc. Nat. Hist. 6:491-588.

Gross, A. O. 1929. The Heath Hen census for 1929. Wils. Bull. 41:66-77.

Gross, A. O. 1929. The Wisconsin prairie chicken investigation. Trans. Am. Game Conf. 16:87-92.

Gross, A. O. 1929. The Prairie Chicken of the Wisconsin Prairies. Bird-Lore 31:383-393.

Gross, A. O. 1930. The Wisconsin Prairie Chicken investigation. American Game 1930:39-40.

Gross. A. O. 1930. Progress report of the Wisconsin prairie chicken investigation. Wisconsin Conserv. Comm., Madison. 112pp.

Gross, A. O. 1931. Banding the last Heath Hen. Bird Banding 2:99-105.

Gross, A. O. 1931. The last Heath Hen. Scientific Monthly 32:382-384.

Gross, A. O. 1931. Heath Hen report – 1931. 3pp.

Gross, A. O. 1932. Heath Hen report, 1931-1932. 4pp.

Gross, A. O. 1932. Greater Prairie Chicken. Pp.242-263. *In* A.C. Bent. Life histories of North American gallinaceous birds. US Natl. Mus. Bull. 162.

Grossman, S., and R. Stavne. 2005. Use and habitat characteristics of Sharp-tailed Grouse leks in northwest Alberta. Publication No. T/115; Conservation Report Series; Alberta Conservation Association. 24pp.

Grosz, K. L. 1988. Sharp-tailed Grouse nesting and brood rearing habitat in grazed and nongrazed treatments in south-central South Dakota. M. S. Thesis. North Dakota

State Univ., Fargo. 72pp.

Grosz, K. L., and D. R. Kirby. 1986. The nesting and brood-rearing ecology of Sharp-tailed Grouse in relation to specialized grazing systems. North Dakota Farm Research 44(2):22-24.

Grzybowski, J. A. 1980. Distribution of prairie chicken harvest and hunters in Oklahoma. P.86 *in* Proceedings Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). OSU, Stillwater.

Guilday, A. D. 1971. Thirteen-lined ground squirrel, prairie chicken, and other vertebrates from an archeological site in northeastern Arkansas. Am. Midland Naturalist 86:227-229.

Gullion, G. W., and G. C. Christensen. 1957. A review of the distribution of gallinaceous game birds in Nevada. Condor 59:128-138.

Gunderson, P. T. 1990. Nesting and brood rearing ecology of Sharp-tailed Grouse on the Charles M. Russell National Wildlife Refuge, Montana. M. S. Thesis. Montana State Univ.

Gurney, J. H. 1884. Hybrid between *Pedioecetes phasianellus* and *Cupidonia cupido*. Auk 1:391-392.

Gylywoychuk, D. T. 1993. Habitat evaluation and management guidelines for Sharp-tailed Grouse leks in the Narcisse Wildlife Management Area. MS Thesis. Univ. Manitoba.

Hagen, C. A. 2003. A demographic analysis of Lesser Prairie-Chicken populations in southwestern Kansas: survival, population viability, and habitat use. PhD Dissertation. KSU.

Hagan, C. A. 2005. Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Laboratory of Ornithology; Retrieved from The Birds of North American Online database: hhttp://bna.birds.cornell.edu/BNA/account/Lesser_Prairie-Chicken/.

Hagen, C. A. 2010. Impacts of energy development on prairie grouse ecology: a research synthesis. Transactions of the 75th North American Wildlife and Natural Resources Conference 75:96-103. (Greater Sage-Grouse, Gunnison Sage-Grouse, Greater Prairie-Chicken, Lesser Prairie-Chicken, Sharp-tailed Grouse).

Hagen, C. A., S. C. Crupper, R. D. Applegate, and R. J. Robel. 2002. Prevalence of Mycoplasma antibodies in Lesser Prairie-Chickens. Avian Diseases 46:708-712.

Hagen, C. A., B. E. Jamison, K. M. Giesen, and T. Z. Riley. 2004. Guidelines for

managing Lesser Prairie-Chicken populations and their habitats. Wildl. Soc. Bull. 32:69-82.

Hagen, C. A., B. E. Jamison, R. J. Robel., and R. D. Applegate. 2002. Ring-necked Pheasant parasitism of Lesser Prairie-Chicken nests in Kansas. Wils. Bull. 114:522-524.

Hagen, C. A., J. C. Pitman, R. J. Robel, and R. D. Applegate. 2004. Morphology of Lesser Prairie-Chickens in Kansas. Prairie Naturalist 36:95-101.

Hagen, C. A., J. C. Pitman, R. J. Robel, T. M. Loughin, and R. D. Applegate. 2007. Niche partitioning by Lesser Prairie-chicken *Tympanuchus pallidicinctus* and Ring-necked Pheasant *Phasianus colchicus* in southwestern Kansas. Wildlife Biology 13 (Suppl. 1):34-41.

Hagen, C., J. Pitman, B. Robel, and C. Salter. 2001. Use of sandsage habitat by Lesser Prairie-Chickens in Southwestern Kansas: a progress report. Grouse News 21:18-20.

Hagen, C., J. Pitman, B. Robel, and C. Salter. 2001. Use of sandsage habitat by Lesser Prairie-Chickens in southwestern Kansas - progress report 15 August 2000 – 14 August 2001. Grouse News 22:6-8.

Hagen, C. A., J. C. Pitman, B. K. Sandercock, R. J. Robel, and R. D. Applegate. 2005. Age-specific variation in apparent survival rates of male Lesser Prairie-Chickens. Condor 107:78-86.

Hagen, C. A., J. C. Pitman, B. K. Sandercock, R. J. Robel, and R. D. Applegate. 2007. Age-specific survival and probable causes of mortality in female Lesser Prairie-Chickens. Journal of Wildlife Management 71:518-525.

Hagen, C. A., J. C. Pitman, B. K. Sandercock, D. H. Wolfe, R. J. Robel, R. D. Applegate, and S. J. Oyler-McCance. 2010. Regional variation in mtDNA of the Lesser Prairie-Chicken. Condor 112:29-37.

Hagen, C. A., G. C. Salter, J. C. Pitman, R. J. Robel, and R. D. Applegate. 2005. Lesser Prairie-Chicken brood habitat in sand sagebrush: invertebrate biomass and vegetation. Wildl. Soc. Bull. 33:1080-1091.

Hagen, C. A., B. K. Sandercock, J. C. Pitman, R. J. Robel, and R. D. Applegate. 2002.Radiotelemetry survival estimates of Lesser Prairie-Chickens in Kansas: are there transmitter biases? Wildl. Soc. Bull. 34:1064-1069.

Hagen, C. A., B. K. Sandercock, J. C. Pitman, R. J. Robel, and R. D. Applegate. 2009. Spatial variation in Lesser Prairie-Chicken demography: a sensitivity analysis of population dynamics and management alternatives. Journal of

Wildlife Management 73:1325-1332.

Halfmann. D. A. 2002. Natal dispersal of juvenile prairie-chickens in Wisconsin. MS Thesis. Univ. Wisconsin-Stevens Point.

Hamerstrom, F. 1950. Range, habits and food requirements of prairie chicken. Wisc. Conserv. Bull. 15:9-11.

Hamerstrom, F. 1952. Of wilderness and Sharp-tailed Grouse. Passenger Pigeon 14:97-99.

Hamerstrom, F. 1980. Strictly for the Chickens. Iowa State University Press, Ames. 174pp.

Hamerstrom, F. N. 1939. A study of Wisconsin prairie chicken and Sharp-tailed Grouse. Wilson Bull. 51:105-120.

Hamerstrom, F. N. 1941. A study of Wisconsin prairie grouse – breeding habits, winter foods, endoparasites, and movements. Ph. D. dissertation, University of Wisconsin, Madison.

Hamerstrom, F. N. 1942. Progress Report No. 5, 1940-1941. Prairie Grouse Cooperative.

Hamerstrom, F. N. 1963. Sharptail brood habitat in Wisconsin's northern pine barrens. Journal of Wildlife Management 27:793-802.

Hamerstrom, F. N. 1977. New threats to Buena Vista chickens. Wisconsin Nat. Resour. 1(1):6-7.

Hamerstrom, F. N. Jr. 1981. Do prairie chicken cocks move from exterior to interior territories as they grow older? Proceedings of the Prairie Grouse Technical Council 14:16.

Hamerstrom, F., D. D. Berger, and F. N. Hamerstrom. 1965. The effect of mammals on prairie chickens on booming grounds. Journal of Wildlife Management 29:536-542.

Hamerstrom, F. N., and F. Hamerstrom. 1949. Daily and seasonal movements of Wisconsin prairie chickens. Auk. 66:313-337.

Hamerstrom, F. N., and F. Hamerstrom. 1951. Mobility of the Sharp-tailed Grouse in relation to its ecology and distribution. American Midland Naturalist 46:174-226.

Hamerstrom, F. N., and F. Hamerstrom. 1955. Population density and behavior in Wisconsin prairie chickens (*Tympanuchus cupido pinnatus*). Trans. Int. Ornithol. Congr. 11:459-466.

Hamerstrom, F., and F. Hamerstrom. 1968. Water and prairie chickens. Wisconsin Academic Review 16:33-34.

Hamerstrom, F. N., and F. Hamerstrom. 1973. The prairie chicken in Wisconsin-highlights of a 22-year study of counts, behavior, movements, turnover, and habitat. Wisconsin Dep. Nat. Res. Tech. Bull. 64. 42pp.

Hamerstrom, F. N., and F. Hamerstrom. 1992. Snowfall causes lek movement in the Sharp-tailed Grouse. Wilson Bulletin 104:188-189.

Hamerstrom, F. N., F. Hamerstrom, and O. E. Mattson. 1952. Biography of a sharptail dancing ground. Passenger Pigeon 14:94-97.

Hamerstrom, F. N., F. Hamerstrom, and O. E. Mattson. 1957. Sharptails into the shadows? Wisconsin Wildl. I., Wisc. Conserv. Dep., Madison. 35pp.

Hamerstrom, F. N., F. Hopkins, and A. J. Rinzel. 1941. An experimental study of browse as a winter diet for prairie chickens. Wilson Bull. 53:185-195.

Hamerstrom, F. N., and O. E. Mattson. 1964. A numbered, metal color-band for game birds. Journal of Wildlife Management. 28:850-852.

Hamerstrom, F. N., O. E. Mattson, and F. Hamerstrom. 1957. A guide to prairie chicken management. Wisconsin Conserv. Dep. Tech. Wildl. Bull. No. 15. 128pp.

Hamerstrom, F. N., and M. Truax. 1938. Traps for Pinnated and Sharp-tailed Grouse. Bird Banding 9:177-183.

Hancock, D. 1995. The Attwater's Prairie Chicken project report. WPA News 48:5-7.

Handley, C. O. 1935. Raising prairie chickens in captivity. Trans. Am. Game Conf. 21:220-223.

Hannan, H. H., and B. Callender. 1964. Some observations and behavior patterns of prairie chickens (*Tympanuchus cupido attwateri*) in Galveston County, Texas. Southwestern Naturalist. 9:305-317.

Hanowski, J. M., D. P. Christian, and G. J. Niemi. 2000. Landscape requirements of Prairie Sharp-tailed Grouse *Tympanuchus phasianellus campestris* in Minnesota, USA. Wildl. Biol. 6:257-263.

Hanowski, J. M., and G. M. Niemi. 1986. Dynamics of habitat characteristics for American Bittern, Yellow Rail, Sharp-tailed Grouse, and Sharp-tailed Sparrow breeding territories. Spec. Rep. to Minn. Dep.. Nat. Resour. By Nat Resour. Res. Inst., Duluth, Minnesota. 27pp.

Hanson, H. C. 1953. Muskeg as Sharp-tailed Grouse habitat. Wilson Bull. 65:235-241.

Harger, E. M. 1956. Behavior of a Ring-necked Pheasant on a prairie-chicken booming ground. Wilson Bull. 68:70-71.

Harmon, K. W. 1973. Prairie chicken conference summary. Pp. 95-99 *in* The prairie chicken in Minnesota: conference Proceeding, April 28, 1973 (W.D. Svedarsky and T. Wolfe, eds.).

Harmon, S. 2001. Status of the sandhill chicken. Grouse Partnership News 2:8-9.

Harper, G. R. 1967. Survey of "salmonella" spp. and helminths of the alimentary tract of the greater prairie chicken (*Tympanuchus cupidio pinnatus*) in Kansas. M. S. Thesis. Kansas State Univ.

Harper, G. R., L. E. Erwin, and R. J. Robel. 1968. An apparent lack of *Salmonella* in liver and spleens of Greater Prairie-Chickens in Kansas. Trans. Kansas Acad. Sci. 70:405-407.

Harper, G. R., R. D. Klataske, R. J. Robel, and M. F. Hansen. 1967. Helminths of Greater Prairie-Chickens in Kansas. Journal of Wildlife Management 31:265-269.

Harris, S. W. 1967. Fall foods of Sharp-tailed Grouse in Minnesota. Journal of Wildlife Management 31:585-587.

Hart, C. M., O. S. Lee, and J. B. Low. 1950. The Sharp-tailed Grouse in Utah: Its life history, status, and management. UT State Dept. Fish and Game Publication no. 3. 79pp.

Hatch, D. M. 1973. Greater Prairie Chicken at Leader, Saskatchewan. Blue Jay 31:55-56.

Haukos, D. A. 1988. Reproductive ecology of Lesser Prairie-Chickens in west Texas. MS thesis. Texas Tech. University, Lubbock.

Haukos, D. A., and G. S. Broda. 1989. Northern Harrier (*Circus cyaneus*) predation of Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). Journal of Raptor Research 23:182-183.

Haukos, D. A., and K. E. Church. 1996. Evaluation of time-series analysis to forecast population indices of Greater Prairie-Chickens in Kansas. Bird Populations 3:1-13.

Haukos, D. A., and L. M. Smith. 1989. Lesser Prairie Chicken nest site selection and vegetation characteristics in tebuthiuron-treated and untreated sand shinnery oak in Texas. Great Basin Nat. 49:624-626.

Haukos, D. A., and L. M. Smith. 1999. Effects of lek age on age structure and attendance of Lesser Prairie-Chickens (*Tympanuchus pallidicinctus*). Am. Midland Naturalist 142:415-420.

Haukos, D. A., L. M. Smith, and G. S. Broda. 1990. Spring trapping of Lesser Prairie Chickens. J. Field Ornithol. 61:20-25.

Haukos, D. A., L. M. Smith, and C. D. Olawsky. 1989. Nutrient reserve models for post-breeding Lesser Prairie-Chicken. Proceedings of the Annual Conference of the Southeast Association of Fish and Wildlife Agencies 43:268-274.

Haut, R. C., J. F. Bergen, J. Judy, and L. Price. 2010. Living in harmony – gas production and the Attwater's Prairie Chicken. Paper presented at the Society of Petroleum Engineers Annual Conference and Exhibition, Florence, Italy, 19-22 September, 2010. SPE 133652. 13pp.

Hays, D., M. Tirhi, and D. Stinson. 1998. Washington State status report for the Sharp-tailed Grouse. Washington Dept. of Fish and Wildl. 69pp.

Headstrom, B. R. 1928. Preservation of the Heath Hen. Science 68:15.

Heck, B. A. 2006. Greater Prairie-Chicken. Scissortail 56:39-40.

Heck, B. A. 2007. Attwater's Prairie-Chicken. Scissortail 57(2):16-17.

Heck, B. A. 2007. The Heath Hen. Scissortail 57:36.

Heck, W. 2001. New Mexico experiment to help grouse and ranching. Grouse Partnership News. 2:9.

Heffron, M. B., and J. W. Parrish, Jr. 2005. Apparent metabolizable energy of seeds in Greater Prairie-Chickens. Transactions of the Kansas Academy of Science 108:93-98.

Hemker, T., and A. Sands. 1996. Range-wide status of Columbian Sharp-tailed Grouse (abstract). *In* Twentieth Western States Sage and Columbian Sharp-tailed Grouse Workshop Transactions (O.O. Oedekovin, ed.). Gillette, Wyoming.

Henderson, F. R. 1964. Grouse and grass, twin crops. South Dakota Conservation Digest 31(1):16-19.

Henderson, F. R., F. W. Brooks, R. E. Wood, and R. B. Dahlgren. 1967. Sexing of prairie grouse by crown feather patterns. Journal of Wildlife Management 31:764-769.

Henika, F. S. 1940. Present status and future management of the prairie chicken in Region 5. Texas Game, Fish and Oyster Commission, Division of Wildlife Restoration Project 1-R. 15pp.

Hess, B. D. 2009. The effect of local breeding experience on the movements and paternity of a lekking bird. M. Sc. Thesis. University of Wisconsin-Milwaukee. (Greater Prairie-Chicken).

Hess, M. F. 2004. Flight characteristics of pen-reared and wild prairie-chickens and an evaluation of a greenhouse to rear prairie-chickens. M. Sc. Thesis. Texas A&M University.

Hess, M. F., and N. J. Silvy. 2001. Food requirements of hand-reared prairie chicken chicks. Poster presented at 24th. Biennial Prairie Grouse Technical Council meeting.

Hess, M. F., N. J. Silvy, C. P. Griffin, R. R. Lopez, and D. S. Davis. 2005. Differences in flight characteristics of pen-reared and wild prairie-chickens. Journal of Wildlife Management 69:650-654.

Hicks, D. L. 1992. The effects of dog training on Sharp-tailed Grouse in Manitoba. M. N. R. M. Thesis. University of Manitoba.

Hier, R. H. 1999. History and hunting the Greater Prairie Chicken: a rich tradition. Pp. 163-167 *in* The Greater Prairie Chicken: A national look (W.D. Svedarsky, R.H. Hier, and N.J. Silvy, *eds*.).

Hillman, C. N., and W. W. Jackson. 1973. The Sharp-tailed Grouse in South Dakota. South Dakota Department of Game, Fish, and Parks. Technical Bulletin 3. 63pp.

Hjertaas, D. 1975. Dancing Sharp-tailed Grouse and predators. Blue Jay 32:49-50.

Hjertaas, D. G. 1995. Observations of hybrid sage x sharp-tailed grouse in Saskatchewan. Blue Jay 53:144-147.

Hjertaas, D., S. Brechtel, R. Jones, R. Edwards, and C. Schroeder. 1993. National recovery plan for the Greater Prairie-Chicken. Report no. 5., Recovery of Nationally Endangered Wildlife Committee, Ottawa.

Hoag, A. W. 1989. Plains Sharp-tailed Grouse status and habitat use in Douglas County, Colorado. M. Sc. Thesis. Colorado State University.

Hoag, A. W., and C. E. Braun. 1990. Status and distribution of Plains Sharp-tailed Grouse in Colorado. Prairie Naturalist 22:97-102.

Hoffman, D. M. 1959. Habitat requirements of Lesser Prairie Chickens. Colorado Division of Wildlife. Job Completion Report, Project No. W-37-R-13. 13pp.

Hoffman, D. M. 1960. Prairie chicken comeback. Colorado Outdoors 9:28-30.

Hoffman, D. M. 1963. The Lesser Prairie Chicken in Colorado. Journal of Wildlife Management 27:726-732.

Hoffman, D. M. 1965. Prospects for the extension of Lesser Prairie Chicken range in Colorado. Presented to the 6th. meeting of the Prairie Grouse Technical Council. Warroad, Minnesota, Sep 14-16, 1965.

Hoffman, D. M. 1973. Changes in populations and habitats of Lesser Prairie Chickens in Colorado. Proceedings of the Prairie Grouse Technical Council 10:10-11. (abstract).

Hoffman, R. 2000. Good news for grouse. Colorado Outdoors 49(2):10-13. (Sharp-tailed Grouse).

Hoffman, R. 2001. Status, distribution, and restoration of Columbian Sharp-tailed Grouse populations. Grouse Partnership News. 2:21,23.

Hoffman, R. W. (Ed.). 2001. Columbian Sharp-tailed Grouse conservation plan – Routt, Moffat, and Rio Blanco Counties, northwest Colorado. Northwest Colorado Columbian Sharp-tailed Grouse Work Group and Colorado Division of Wildlife, Fort Collins, Colorado.

Hoffman, R. 2010. Columbian Sharp-tailed Grouse reintroduction efforts. Grouse Partnership News 2010:25-27.

Hoffman, R. W., and G. M. Beauprez. 1997. Reintroduction of Greater Prairie-Chickens *Tympanuchus cupido* in northeastern Colorado. Wildlife Biology 3:283. Abstract only.

Hoffman, R. W., W. D. Snyder, G. C. Miller, and C. E. Braun. 1992. Reintroduction of Greater Prairie-Chickens in northeastern Colorado. Prairie Naturalist 24:197-204.

Hoffman, R. W. and A. E. Thomas. 2007. Columbian Sharp-tailed Grouse (*Tympanuchus phasianellus columbianus*): a technical conservation assessment. USDA Forest Service, Rocky Mountain Region.

Hofmann, L. A., and F. C. Dobler. 1988. Spring movements, home range size, and habitat use by Columbian Sharp-tailed Grouse in Eastern Washington. Washington Department of Wildlife. 16pp.

Hofmann, L. A., and F. C. Dobler. 1989. A history and inventory of Sharp-tailed Grouse (*Tympanuchus phasianellus columbianus*) dancing grounds in Eastern Washington. Washington Department of Wildlife. 29pp.

Holmes, E. B. 1963. Variation in the muscles and nerves of the leg in two genera of grouse (*Tympanuchus* and *Pedioecetes*). Ph. D. Dissertation, University of Kansas, 213pp.

Holmes, E. B. 1963. Variation in the muscles and nerves of the leg in two genera of grouse (*Tympanuchus* and *Pedioecetes*). University of Kansas, Publications of Museum of Natural History 12:363-474.

Holt, R. D., M. J. Butler, W. B. Ballard, C. A. Kukal, and H. Whitlaw. 2010. Disturbance of lekking Lesser Prairie-Chickens (*Tympanuchus pallidicinctus*) by Ring-necked Pheasants (*Phasianus colchicus*)**.** Western North American Naturalist 70:241-244.

Horak, J. 196-. Progress of prairie chicken studies in Kansas. 7pp.

Horak, G. J. 1969. Population dynamics of prairie chickens in grassland and cropland areas. Kansas Forest, Fish, and Game Commission. Federal Project W-023-R-07. 12pp.

Horak, G. J. 1969. Seasonal and annual surveys of game populations. Kansas Forest, Fish, and Game Commission. Federal Project W-023-R-07. 58pp.

Horak, G. J. 1969. Our unsung game bird. Kansas Fish & Game. 26(1):21-23.

Horak, G. J. 1969. Prairie Chicken…winged deception. Kansas Fish & Game, Autumn, 1969. 26(4):4-6.

Horak, G. J. 1974. Population dynamics of prairie chicken in grassland and cropland areas. Kansas Forests, Fish, and Game Commision. Final Report. Project W-32-R, Job D-3. 98pp.

Horak, G. J. 1985. Kansas Prairie Chickens. Kansas Forest, Fish, and Game Commission publication, Wildlife Bulletin No. 3.

Horak, G. J., and R. D. Applegate. 1998. Greater Prairie Chicken management. The Kansas School Naturalist. 45(1):1-15.

Horkel, J. D. 1979. Cover and space requirements for Attwater's Prairie Chicken (*Tympanuchus cupido attwaterii*) in Refugio County, Texas. Ph. D. Dissertation, Texas A&M University, College Station. 96pp.

Horkel, J. D., V. F. Cogar, and N. J. Silvy. 1981. Cover use by radio-tagged Attwater's Prairie-Chickens (*Tympanuchus cupido attwateri*) in Gulf Coast prairie of Texas. Stuckey and Reese. Ohio Biological Survey. Biology Notes No. 15.

Horkel, J. D., and N. J. Silvy. 1980. Evolutionary considerations in creating artificial leks for Attwater's Prairie Chicken. Pp.42-47 *in* Proceedings Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Horton, R. E. 2000. Distribution and abundance of Lesser Prairie-Chicken in Oklahoma. Prairie Naturalist 32: 189-195.

Horton, R. E. 2004. Monitoring Greater and Lesser Prairie Chickens. Performance Report Grant No. W-82-R-43, Project. 1. Oklahoma Department of Wildlife Conservation.

Horton, R. E. 2006. Monitoring prairie-chicken populations. Performance Report. Grant No. W-82-R-45. Proj. No. 001. Oklahoma Department of Wildlife Conservation.

Horton, R., L. Bell, C. M. O'Meilia, M. McLachlan, C. Hise, D. Wolfe, D. Elmore and J.D. Strong. 2010. A spatially-based planning tool designed to reduce negative effects of development on the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) in Oklahoma: A multi-entity collaboration to promote Lesser Prairie-Chicken voluntary habitat conservation and prioritized management actions. Oklahoma Department of Wildlife Conservation. Oklahoma City, Oklahoma. 79pp. Available online at: http://www.wildlifedepartment.com/lepcdevelopmentplanning.htm

Horton, R., L. Bell, C. M. O'Meilia, C. Hise, D. Wolfe, and D. Elmore. 2010. A spatially-based planning tool designed to reduce negative effects of development on the Greater Prairie-Chicken (*Tympanuchus cupido*) in Oklahoma: A multi-entity collaboration to promote Greater Prairie-Chicken voluntary habitat conservation and prioritized management actions. Oklahoma Department of Wildlife Conservation. Oklahoma City, Oklahoma. 29pp. Available online at: http://www.wildlifedepartment.com/grpcdevelopmentplanning.htm

Horton, R. E., and D. H. Wolfe. 1999. Status and management of the Greater Prairie Chicken in Oklahoma. Pp. 105-111 *in* The Greater Prairie Chicken: A national look (W.D. Svedarsky, R.H. Hier, and N.J. Silvy, *eds*.).

Hough, H. B. 1933. The Heath Hen's journey to extinction, 1792-1933. Dukes County

Historical Society, Edgarton, Mass. 31pp.

Houston, S. J. 2002. Spread and disappearance of the Greater Prairie-Chicken, *Tympanuchus cupido*, on the Canadian prairies and adjacent areas. Canadian Field-Naturalist 116:1-21.

Houts, M. E., R. D. Rodgers, R. D. Applegate, and W. H, Busby. 2008. Using local knowledge and remote sensing to map known and potential prairie-chicken distribution in Kansas. Prairie Naturalist 40:87-93.

Huber, W. 1938. Two specimens of the Heath Hen from New Jersey. Auk 55:527- 528.

Huggler, T. 2007. Pleasures of prairie grouse. Grouse Partnership News 8:18-21.

Hull, S., D. Sample, D. Drake, S. Fandel, L. Kardash, O. LeDee, and S. Schwab. 2011. The Wisconsin Greater Prairie-Chicken program: integrating research, management, and community outreach in the 21st century. Passenger Pigeon 73:89-99.

Hunt, J. L. 2004. Investigation into the decline of populations of the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus* Ridgeway) in southeastern New Mexico. Ph. D. Dissertation, Auburn University. 294pp.

Hunt, J. L., and T. L. Best. 2004. Investigation into the decline of populations of the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) on lands administered by the Bureau of Land Management, Carlsbad Field Office, New Mexico. Final Report. Coop. Agree. GDA010007. 160pp.

Hunt, J. L., and T. L. Best. 2010. Vegetative characteristics of active and abandoned leks of Lesser Prairie-Chickens (*Tympanuchus pallidicinctus*) in southeastern New Mexico. Southwestern Naturalist 55:477-487.

IEC Beak Consultants Ltd. 1984. The feasibility of reintroducing a viable population of Greater Prairie Chickens (*Tympanuchus cupido pinnatus*) to Alberta. Submitted to: Alberta Energy and Natural Resources, Fish and Wildlife Division. 64pp.

Indiana Dept. Nat. Resources. 1984. The prairie chicken. Life series no. 14. 1p.

Jackson, A. S., and R. DeArment. 1963. The Lesser Prairie Chicken in the Texas Panhandle. Journal of Wildlife Management 27:733-737.

Jackson, W. W. 1967. Seasonal movements of prairie grouse in South Dakota. M. S. Thesis. South Dakota State Univ.

Jacobs, B., and J. D. Wilson. 1992. Greater Prairie-Chicken. Pp92-93 in The Missouri Breeding Bird Atlas.

Jacobs, K. F. 1956. Southwestern Oklahoma game restoration and investigations: Trapping and releasing prairie-chicken. Oklahoma Department of Wildlife Conservation, Job 07, W-065-R-01. 12pp.

Jacobs, K. F. 1958. A drop-net trapping technique for Greater Prairie Chickens. Proceedings of the Oklahoma Academy of Science 38:154-157.

Jacobs, K. F. 1958. Southwestern Oklahoma game restoration and investigations: Evaluation of Greater Prairie Chicken releases. Oklahoma Department of Wildlife Conservation, Job 13, W-065-R-03. 17pp.

Jacobs, K. F. 1959. Restoration of the Greater Prairie Chicken. Oklahoma Department of Wildlife Conservation publication.

Jacobs, K. F. 1968. Capture of a prairie chicken by a Prairie Falcon. Bulletin of the Oklahoma Ornithological Society 1:8-9.

Jamison, B. E. 2000. Lesser Prairie-Chicken chick survival, adult survival, and habitat selection and movements of males in fragmented rangelands of southwestern Kansas. M.Sc. Thesis. Kansas State University, Manhattan, KS. 197pp.

Jamison, B. 2010. Missouri's Greater Prairie-Chicken population and an update on current research and translocations. Grouse Partnership News 2010:22-24.

Jamison, B. E., and M. R. Alleger. 2009. Status of Missouri Greater Prairie-Chicken populations and preliminary observations from ongoing translocations and telemetry. Grouse News 38:15-24.

Jamison, B. E., J. A. Dechant, D. H. Johnson, L. D. Igl, C. M. Doldade, and B. R. Euliss. 2002. Effects of management practices on grassland birds: Lesser Prairie-Chicken. Northern Prairie Wildlife Research Center, Jamestown, ND. 29 pp.

Jamison, B. E., R. S. Beyer, R. J. Robel, and J. S. Pontius. 2000. Passive integrated transponder tags as markers for chicks. Poultry Science 79:946-948.

Jamison, B. E., R. J. Robel, J. S. Pontius, and R. D. Applegate. 2002. Invertebrate biomass: associations with Lesser Prairie-Chicken habitat use and sand sagebrush density in southwest Kansas. Wildlife Society Bulletin 30:517-526.

Janson, R. G. 1951. Prairie grouse population trends in South Dakota. Midwest Wildlife Conference pp52-59.

Janson, R. G. 1952. Prairie grouse population trends. South Dakota Conservation Digest 19(6):2-5.

Janson, R. 1953. Prairie chickens in South Dakota. South Dakota Conservation Digest 20(2):11, 15-16.

Janson, R. G. 1955. Prairie grouse brood studies, 1953-1954. South Dakota Department of Game, Fish, and Parks. Federal Aid in Wildlife Restoration, Project W-17-R-8. 8pp.

Janson, R. G. 1956. The Sharp-tailed and Pinnated Grouse in South Dakota. South Dakota Department of Game, Fish and Parks. Pierre.

Jarnevich, C. S., and M. K. Laubhan. 2011. Balancing energy development and conservation: a method utilizing species distribution models. Environmental Management XXX:XXX-XXX (online early). (Lesser Prairie-Chicken).

Jensen, W. E., D. A. Robinson, Jr., and R. D. Applegate. 2000. Distribution and population trend of Lesser Prairie-Chicken in Kansas. Prairie Naturalist 32: 169-175.

Johnsgard, P. A. 2001. The last act of the Heath Hen drama. Grouse Partnership News. 2:11.

Johnsgard, P. A. 2001. Ecogeographic aspects of Greater Prairie-Chicken leks in southeastern Nebraska. Nebraska Bird Review 68:179-184.

Johnsgard, P. A. 2002. Grassland grouse and their conservation. Smithsonian Institution Press. 157pp.

Johnsgard, P. A., and R. E. Wood. 1968. Distributional changes and interactions between prairie chickens and Sharp-tailed Grouse in the Mid-west. Wilson Bulletin 80:173-188.

Johnson, C. E. 1934. Recollections of the prairie chicken and the Sharp-tailed Grouse in northwestern Minnesota. Wilson Bulletin 46:3-17.

Johnson, J. A. 2003. Conservation genetics of the Greater Prairie-Chicken (*Tympanuchus cupido*). Ph. D. Dissertation. University of Wisconsin, Madison. 99pp.

Johnson, J. A. 2008. Recent range expansion and divergence among North American prairie grouse. Journal of Heredity 99:165-173.

Johnson, J. A., M. R. Bellinger, J. E. Toepfer, and P. Dunn. 2004. Temporal changes in allele frequencies and low effective population size in Greater Prairie-Chickens. Molecular Ecology 13:2617-2630.

Johnson, J. A., and P. O. Dunn. 2006. Low genetic variation in the Heath Hen prior to

extinction and implications for the conservation of prairie-chicken populations. Conservation Genetics 7:37-48

Johnson, J. A., P. O. Dunn, and J. L. Bouzat. 2007. Effects of recent population bottlenecks on reconstructing the demographic history of prairie-chickens. Molecular Ecology 16:2203-2222.

Johnson, J. A., J. E. Toepfer, and P. O. Dunn. 2003. Contrasting patterns of mitochondrial and microsatellite population structure in fragmented populations of Greater Prairie-Chickens. Molecular Ecology 12:3335-3347.

Johnson, K. 2000. Lesser Prairie-Chicken habitat use on the Sand Ranch and population status in the Caprock Wildlife Habitat Management Area, 2000. New Mexico Natural Heritage Program, Technical Report to Bureau of Land Management 24pp.

Johnson, K., T. B. Neville, and P. Neville. 2006. GIS habitat analysis for Lesser Prairie-Chickens in southeastern New Mexico. BMC Ecology 6:18. 17pp. Available online at: http://www.biomedcentral.com/1472-6785/6/18

Johnson, K., and H. Smith. 1999. Lesser Prairie-Chicken habitat use on the Sand Ranch and population status in the Caprock Wildlife Habitat Management Area, 1999. NM Nat. Heritage Prog. Tech. Rep. to BLM. 19pp.

Johnson, K., and H. Smith. 1999. Radio telemetry study of Lesser Prairie Chicken habitat use in the Caprock Wildlife Habitat Management Area. New Mexico Natural Heritage Program, Technical Report to Bureau of Land Management 17pp.

Johnson, K., H. Smith, G. Sadoti, T. Neville and P. Neville. 2004. Habitat use by nesting Lesser Prairie-Chickens in southeastern New Mexico. Southwestern Naturalist 49:334-343.

Johnson, L. A. 2002. Endangered and threatened species conservation: An assessment of potential reintroduction sites for the Attwater's Prairie-Chicken. Final Report. 74pp.

Johnson, M. D., and J. Knue. 1989. Feathers from the prairie. North Dakota Game and Fish Department. Bismarck. 292pp.

Johnston, A., and S. Smoliak. 1976. Settlements of the grasslands and the Greater Prairie Chicken. Blue Jay 34:153-156.

Jones, D., N. Gueck, and P. Warminski. 2009. An analysis of the EQIP program for Lesser Prairie Chickens in the northern Texas Panhandle. Selected paper prepared for presentation at the Southern Agricultural Economics Association

Annual Meeting, Atlanta, Georgia, January 31-February 3, 2009. 6pp.

Jones, D. P. 1988. Breeding ecology and habitat use of Greater Prairie-chickens in relation to habitat pattern. M.Sc. Thesis. University of Missouri, Columbia. 90pp.

Jones, R. E. 1960. The life-form concept applied to prairie chicken habitat in Oklahoma. Proceedings of the Oklahoma Academy of Science 40:134-136.

Jones, R. E. 1961. A comparative study of the habitats of the Lesser and Greater Prairie Chickens. Oklahoma Cooperative Wildlife Reseacrh Unit Quarteraly Report 14:21-24.

Jones, R. E. 1963. A comparative study of the habits of the Lesser and Greater Prairie Chickens. Ph. D. Dissertation, Oklahoma State University, Stillwater. 160pp.

Jones, R. E. 1963. Identification and analysis of Lesser and Greater Prairie Chicken habitat. Journal of Wildlife Management 27:757-778.

Jones, R. E. 1963. Lesser Prairie Chicken habitat use related to plant phenology. Presented at the Prairie Grouse Technical council meeting, Nevada, MO, Sep. 18-20, 1963.

Jones, R. E. 1964. The specific distinctness of the Greater and Lesser Prairie-Chickens. Auk 81:65-73.

Jones, R. E. 1964. Habitat used by Lesser Prairie Chickens for feeding related to seasonal behavior of plants in Beaver County, Oklahoma. Southwestern Naturalist 9:111-117.

Jones, R. E. 1966. Spring, summer, and fall foods of the Columbian Sharp-tailed Grouse in eastern Washington. Condor 68:536-540.

Jones, R. E. 1968. A board to measure cover used by prairie grouse. Journal of Wildlife Management 32:28-31.

Jones, R. S. 2009. Seasonal survival, reproduction, and use of wildfire areas by Lesser Prairie-Chickens in the northeastern Texas Panhandle. M. Sc. Thesis. Texas A&M University. 49pp.

Jorgenson, J. P. 1977. Pinnated grouse (*Tympanuchus cupido pinnatus*) movements and habitat utilization in the Northern Great Plains. M. A. Thesis, University of North Dakota, Grand Forks. 88pp.

Jurries, R. W. 1979. Attwater's Prairie Chicken. Texas Parks and Wildlife Department. F.A. Series no. 18. 36pp.

Jurries, R. W. 1981. Requirements of Attwater's Prairie-chicken. Texas Federal Aid in Wildlife Restoration. Final Report, Project W-108-R-4, Job 13. 3pp.

Kaltsas, J. L. 1976. Factors in the environment necessary for the survival of the Greater Prairie Chicken. *Tympanchus cupido pinnatus*, brewster. M. A. Thesis. Northern Illinois Univ.

Kansas Forestry, Fish, and Game Commission. 1968. Prairie Chickens. 2 pp.

Kardash, L. H. 2008. Central Wisconsin Greater Prairie-Chicken survey. Final report 2008. Wisconsin Department of Natural Resources. 12pp.

Kardash, L. H. 2010. Central Wisconsin Greater Prairie-Chicken survey. Final report 2010. Wisconsin Department of Natural Resources.

Kates, J. 2005. Greater Prairie-Chicken (*Tympanuchus cupido*). NRCS Fish and Wildlife Habitat Management Leaflet Number 27. 12pp.

Keenlance, P. W. 1998. Reproductive ecology of Greater Prairie-Chickens in central Wisconsin. M. Sc. Thesis. University of Wisconsin – Stevens Point.

Keir, J. R. 1999. Wisconsin prairie chicken management: an agency perspective. Pp. 59-62 *in* The Greater Prairie Chicken: A national look (W.D. Svedarsky, R.H. Hier, and N.J. Silvy, *eds*.).

Keir, J. R. 2001. Central Wisconsin prairie chicken census, 2001. Wisconsin Department of Natural Resources. 8pp.

Keir, J. R. 2003. Central Wisconsin prairie chicken census 2003. Wisconsin Department of Natural Resources.

Keir, J. R. 2004. Central Wisconsin prairie chicken census. Final report 2004. Wisconsin Department of Natural Resources.

Keith, L. B. 1962. Fall and winter weights of Hungarian Partridges and Sharp-tailed Grouse from Alberta. Journal of Wildlife Management 26:336-337.

Kermott, L. H. 1970. Acoustical communication in Sharp-tailed Grouse. American Zoologist 10:484-???.

Kermott, L. H. 1971. Acoustical communication in the Sharp-tailed Grouse. M. Sc. Thesis. University of North Dakota.

Kermott, L. H. 1982. Breeding behavior in the Sharp-tailed Grouse. Ph. D. Dissertation, University of Minnesota, St. Paul.

Kermott, L. H., and L. W. Oring. 1975. Acoustical communicationof male Sharp-tailed Grouse (*Pedioecetes phasianellus*) on a North Dakota dancing ground. Animal Behavior 23:375-386.

Kessel, B. 1981. Ecology and behavior of Sharp-tailed Grouse as related to potential impacts of the Northwest Alaskan gas pipeline in interior Alaska: A literature review: final report.

Kessler, W. B. 1978. Attwater Prairie Chicken ecology in relation to agricultural and range management practices. Ph. D. Dissertation. Texas A&M University.

Kessler, W. B. 1979. The Attwater's Greater Prairie Chicken: endangered grouse of the Texas coastal plain. Proceedings of the Welder Wildlife Foundation Symposium. 1:189-198.

Kessler, W. B., and R. P. Bosch. 1981. Sharp-tailed Grouse and range management practices in western rangelands. *In* Proceedings of the wildlife-livestock relationships symposium. Pp. 133-146.

Kessler, W. B., and J. D. Dodd. 1978. Responses of coastal prairie chicken to range management practices. Proceedings of the International Rangeland Congress 1:473-476.

Kinzler, D. 1983. Pinnated Grouse. North Dakota Outdoors 45(10):20-21.

Kirby, D. R., and K. L. Grosz. 1995. Cattle grazing and sharp-tailed Grouse nesting success. Rangelands 17:124-126.

Kirsch, L. M. 1956. Spring prairie grouse census and habitat inventory methods. Wildl. Leaflet 13. U.S. Fish and Wildl. Serv. 7pp.

Kirsch, L. M. 1973. Habitat management considerations for prairie chickens. Pp. 30-38 *in* The prairie chicken in Minnesota: Conference Proceedings, April 28, 1973 (W.D. Svedarsky and T. Wolfe, eds.).

Kirsch, L. M. 1974. Habitat management considerations for prairie chickens. Wildlife Society Bulletin 2:124-129.

Kirschenmann, T. R. 2008. Spatial ecology, land use, harvest, and the effect of dog training on sympatric Greater Prairie-Chickens and Sharp-tailed Grouse on the Fort Pierre National Grasslands, South Dakota. South Dakota Department of Game, Fish, Fish and Parks, Wildlife Division, Game Report, Completion Report 2008-08. 47pp.

Kirsch, L. M., A. T. Klett, and H. W. Miller. 1973. Land use and prairie grouse

population relations in North Dakota. Journal of Wildlife Management 37:449-453.

Klett, A. T. 1957. Banding and marking methods in studying seasonal movements of the Sharp-tailed Grouse in Morton County, North Dakota. M. Sc. Thesis. Utah State Agricultural College.

Klott, J. H. 1987. Use of habitat by sympatrically occuring Sage Grouse and Sharp-tailed Grouse with broods. M. Sc. Thesis. University of Wyoming.

Klott, J. H. 1990. Habitat needs and development for Sharp-tailed Grouse. Habitat Extension Services, Wyoming Game and Fish Dept. Habitat extension bulletin no. 25.

Klott, J. H., and F. G. Lindzey. 1990. Brood habitats of sympatric Sage Grouse and Columbian Sharp-tailed Grouse in Wyoming. Journal of Wildlife Management 54:84-88.

Knudtson, W. U., M. L. Boddicker, and G. Robertstad. 1969. Isolation of *Trichophyton mentagrophytes* from favus in a grouse. Bulletin of the Wildlife Disease Association 5:141

Kobriger, G. D. 1965. Status, movements, habitats, and foods of prairie grouse on a sandhills refuge. Journal of Wildlife Management 29:788-800.

Kobriger, G. D. 1975. Correlation of Sharp-tailed Grouse population parameters. North Dakota Outdoors 38(5):10-13.

Kobriger, G. D. 1980. Habitat use by nesting and brooding Sharp-tailed Grouse in southwestern North Dakota. North Dakota Outdoors 43(1):2-7.

Kobriger, G. D. 1981. Prairie grouse population data. North Dakota State Game and Fish Department. Report B-318, Project W-67-R-21, Jobs B-V-1-5. 30pp.

Kobriger, G. 1987. Sharp-tailed Grouse. North Dakota Outdoors 49(6):16.

Kobriger, G. 1990. Sharp-tailed Grouse. North Dakota Outdoors 52(6):16.

Kobriger, G. D. 1999. Status and management of the Greater Prairie Chicken in North Dakota. Pp. 63-74 *in* The Greater Prairie Chicken: A national look (W.D. Svedarsky, R.H. Fier, and N.J. Silvy, *eds*.).

Kobriger, G. 2004. North Dakota resumes prairie-chicken season (after nearly 60 years). Grouse Partnership News 5:38.

Kobriger, G. D., D. P. Vollink, M. E. McNeill, and K. F. Higgins. 1988. Prairie-Chicken populations of the Sheyenne Delta in North Dakota, 1961-1987. Pp. 1-7

in Prairie-Chickens on the Sheyenne National Grasslands (A.J. Bjugstad, ed.). US Dep. Agric., Forest Service, General Technical Report. RM-159.

Kohn, S. C. 1976. Sharp-tailed Grouse nesting and brooding habitat in southwestern North Dakota. M. Sc. Thesis, South Dakota State University, Brookings. 123pp.

Kohn, S. C., and G. D. Kobriger. 1986. Occurrence of a Sage Grouse/Sharp-tailed Grouse hybrid in North Dakota. Prairie Naturalist 18:33-36.

Kohn, S. C,. R. L. Linder, and G. D. Kobriger. 1982. Sharp-tailed Grouse nesting habitat in southwestern North Dakota. Proceedings of the Wildlife-Livestock Relationships Symposium: held at Coeur d'Alene, Idaho, April 20-22, 1981.- Moscow, Idaho. University of Idaho, 1982. pp.166-174

Kolstoe, S. O., and G. D. Kobriger. 1984. The Sharp-tailed Grouse. North Dakota Outdoors 47(5):6-8.

Korschgen, L. J. 1962. Food habits of Greater Prairie Chickens in Missouri. American Midland Naturalist 68:307-318.

Kot, L. S., Jr. 1976. A study of a population of Greater Prairie Chickens in Noble County, Oklahoma. M. Sc. Thesis, Oklahoma State University, Stillwater. 28p

Krahn, P. J. 1980. Sharp-tailed-Sruce Grouse mixture. Blue Jay 38:119.

Krohn, R. B. 1979. Greater Prairie Chicken population and habitat survey of Green Ridge Township, Pettis County, Missouri. M. Sc. Thesis. Central Missouri State University.

Kruse, A. D. 1973. Prairie chicken restoration projects. Pp. 40-46. *in* The prairie chicken in Minnesota: Conference Proceedings, April 28, 1973 (W. D. Svedarsky and T. Wolfe, eds.).

Kruse, A. D. 1984. Simplified methods for mass propagation of Greater Prairie-Chickens. Game Bird Breeders, Avicul. Zool. Conserv. Gazzette. Oct-Nov:8-15.

LaBerge, W. E. 1980. Prairie and prairie chickens. The Illinois Natural History Survey Reports. No. 198. 4pp.

Labisky, R. F. 1968. Nightlighting: its use in capturing pheasants, prairie chickens, bobwhites, and cottontails. Illinois Natural History Survey Biological Notes BN62. 12pp.

Lambert, S. 2004. The Grouse Habitat Restoration Fund: an achievable goal. Grouse partnership News 5:22-23.

Landel, H. F. 1989. A study of female and male mating behavior and female mate choice in the Sharp-tailed Grouse, *Tympanuchus phasianellus jamesi*. PhD Dissertation. Purdue Univ.

Lano, A. 1921. Prairie Chicken (*Tympanuchus americanus*) in Arkansas. Auk 38:112.

Lantz, G. 2007. Home, home on the ranch: The Lesser Prairie-Chicken has found an unlikely ally in the rancher. Birder's World June 2007, 21(3):44-49.

Larrison, E. J. 1942. Strange behavior of a Sharp-tailed Grouse. The Murrelet 23:79.

Larson, M. A. 2005. Ruffed Grouse and Sharp-tailed Grouse surveys in Minnesota during Spring 2005. Minnesota Department ofNatural Resources. 13pp.

Larson, M. A. 2006. Identifying plots for surveys of prairie-chickens in Minnesota. Minnesota Department of Natural Resources Summaries of Wildlife Research Findings 2005:39-46.

Larson, M. A. 2006. Grouse surveys in Minnesota during Spring 2006. Minnesota Department ofNatural Resources. 19pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A. 2007. Identifying plots for surveys of prairie-chickens in Minnesota. Minnesota Department of Natural Resources Summaries of Wildlife Research Findings 2006:129-138.

Larson, M. A. 2007. Grouse surveys in Minnesota during Spring 2007. Minnesota Department ofNatural Resources. 18pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A. 2008. Grouse surveys in Minnesota during Spring 2008. Minnesota Department ofNatural Resources. 13pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A. 2009. Grouse surveys in Minnesota during Spring 2009. Minnesota Department ofNatural Resources. 13pp. (Ruffed Grouse, Sharp-tailed Grouse).

Larson, M. A., and W. J. Bailey. 2008. Identifying plots for surveys of prairie-chickens in Minnesota. Minnesota Department of Natural Resources Summaries of Wildlife Research Findings 2007:375-386.

Lassige, M. L. 2002. Habitat attributes associated with Columbian Sharp-tailed Grouse lek sites at multiple spatial scales in northwestern Colorado. M. S. Thesis. Colorado State Univ.

Laub, M. 1982. All about prairie chickens. Game Bird Gazette. May:16-19.

Lawrence, G. D. 1877. A note on *Cupidonia cupido* var. *pallidicinctus*, Ridgway. Bull. Nuttall Ornithol. Club 2:52.

Lawrence, J. S. 1982. Effect of predator reduction on the reproductive success of Attwater's Prairie-Chicken. M. Sc. Thesis. Texas A&M University, College Station.

Lawrence, J. S., and N. J. Silvy. 1980. Status of the Attwater's prairie chicken – an update. Pp.29-33 *in* Proceedings of the Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater

Lawrence, J. S., and N. J. Silvy. 1987. Movement and mortality of transplanted Attwater's Prairie-Chickens. Journal of the World Pheasant Association 12:57-65.

Lawrence, J. S., and N. J. Silvy. 1995. Effect of predator control on reproductive success and hen survival of Attwater's Prairie-Chicken. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 49:275-282.

Leach, S. W. 1994. Mallard parasitizes Sharp-tailed Grouse nest. Blue Jay 52(3):144-146.

Lee, L. 1950. Kill analysis of the Lesser Prairie Chicken in New Mexico, 1949. Journal of Wildlife Management 14:475-477.

Lee, O. S. 1936. The life history of the Columbian Sharp-tailed Grouse (*Pedioecetes phasianellus Columbianus* (ord.)) in Utah. M. Sc. Thesis. Utah State Agricultural College.

Lehmann, V. W. 1939. The Heath Hen of the south. Texas Game, Fish, and Oyster Commission, Bulletin 16.

Lehmann, V. W. 1941. Attwater's Prairie-Chicken—its life history and management. US Departmeent of the Interior, Fish and Wildlife Service, North American Fauna 57. 63pp.

Lehmann, V. W. 1968. The Attwater Prairie-Chicken, current status and restoration opportunities. Transactions of the North American Wildlife Conference 33:398-407.

Lehmann, V. W. 1971. Attwater's Prairie Chicken. National Parks Conservation Magazine 45(9):25-28.

Lehmann, V. W., and R. G. Mauermann. 1963. Status of Attwater's Prairie-Chicken. Journal of Wildlife Management 27:713-725.

Leigh, W. H. 1939. Variation in a new cestode of the genus *Raillietina* (Skrjabinia) from

the Prairie Chicken. Journal of Parasitology 25(suppl.):10.

Leigh, W. H. 1941. Variation in a new species of cestode, *Raillietina* (*Skrjabinia*) *variabila*, from the Prairie-Chicken in Illinois. Journal of Parasitology 27:97-106.

Lemburg, W. W. 1962. Rearing Sharp-tailed Grouse. Game Bird Breeders, Pheasant Fanciers, and Aviculturalist's Gazette 11(10):10.

Leonard, J. P. 2008. The effects of shinnery oak removal on Lesser Prairie-Chicken survival, movement, and reproduction. M. Sc. Thesis. Texas A&M University. College Station, TX. 40pp.

Leslie, D. M., J. S. Shackford, A. Woodward, S. Fuhlendorf, and C. B. Greene. 1999. Landscape-level evaluation of the decline of the Lesser Prairie-Chicken in Oklahoma, Texas, and New Mexico. Oklahoma Department of Wildlife Conservation, Final Report, grant no. AP-96-201W. 63pp.

Leupin, E. E. 2003. Status of the Sharp-tailed Grouse (*Tympanuchus phasianellus*) in British Columbia. British Columbia Ministry of Water, Land, and Air Protection, Wildlife Bulletin No. B-104

Ligon, J. S. 1927. Lesser Prairie Hen (*Tympanuchus pallidicinctus*). Pages 123-125 in Wildlife of New Mexico: Its conservation and management. New Mexico Department of Game and Fish, Santa Fe. 212pp.

Ligon, J. S. 1946. Upland game bird restoration through trapping and transplanting. NM Game and Fish Commission. 77pp.

Ligon, J. S. 1951. Prairie chickens, highways, and powerlines. New Mexico Magazine 29(5):29.

Ligon, J. S. 1954. The Lesser Prairie Chicken and its propagation. Modern Game Breeding and Hunting Club News 24(12):10-11.

Linam, J. A. J., J. R. Purvis, M. J. Portis, and D. R. German. 2002. An assessment of potential reintroduction sites for the Attwater's Prairie-Chicken. Final report as required by the Endangered Species Program, Texas: grant no. E-1-13: endangered and threatened species conservation: WER28(81). 44pp.

Lincoln, F. C. 1917. A review of the genus *Pedioecetes* in Colorado. Proceedings of the Biological Society of Washington 30:83-86.

Lincoln, F. C. 1918. A stange case of hybridization. Wilson Bulletin 30:1-2.

Lincoln, F. C. 1923. A note on the food habits of the Sharp-tailed Grouse (*Pediocetes p.*

campestrin). Proceedings of the Biological Society of Washington. 36:200.

Lincoln, F. C. 1950. A Ring-necked Pheasant x prairie chicken hybrid. Wilson Bulletin 62:210-212.

Linde, D. A., M. Muck, H. H. Pietz, and L. Roth. 1978. Grouse management surveys, 1978. South Dakota Department of Game, Fish, and Parks. Game Report 80-6, Project W-95-R-13, Jobs 1-7. 24pp.

Lindsay, G. 1967. Prairie chickens die under crusted snow. Passenger Pigeon 29:25-28.

Lionberger, J. E. 2006. Lesser Prairie Chicken monitoring and harvest recommendations. Texas Parks and Wildlife Department. Performance Report, Federal Aid in Wildlife Restoration Act, Texas. Fed. Aid Grant no. W-126-R-14. 14pp.

Litton, G. W. 1978. The Lesser Prairie Chicken and it's management in Texas. Texas Parks and Wildlife Department Booklet 7000-25, Austin.

Litton, G., R. L. West, D. F. Dvorak, and G. T. Miller. 1994. The Lesser Prairie Chicken and its management in Texas. Texas Parks and Wildlife Department publication. 22pp.

Locke, B. A. 1992. Lek hypothesis and the location, dispersion, and size of Lesser Prairie Chicken leks. Ph. D. Dissertation. New Mexico State University, Las Cruces.

Lockart, J. The last chance for the prairie chicken. State of Illinois Dep. Conservation.

Lockwood, M. A. 1998. Survival, reproduction, and habitat use of captive-reared Attwater Prairie Chicken. M. Sc. Thesis. Texas A&M University, College Station.

Lockwood, M. A., C. P. Griffon, M. E. Morrow, C. J. Randel, and N. J. Silvy. 2005. Survival, movements, and reproduction of released captive-reared Attwater's Prairie-Chicken. Journal of Wildlife Management 69:1251-1258.

Lockwood, M. A., M. E. Morrow, N. J. Silvy, and F. E. Smeins. 2005. Spring habitat requirements of captive-reared Attwater's Prairie-Chicken. Rangeland Ecology and Management 58:320-323.

Loeffler, C. 1983. The status and management of the Lesser Prairie Chicken in Colorado. Presented to the Prairie Grouse Technical Council meeting, Sep. 19-20, 1983, Emporia, KS. 9pp.

Loncarich, F. L. 2003. Some impacts of burning and grazing on Greater Prairie-Chicken

survival rates and movements in the Flint Hills of Kansas. M. Sc. Thesis. University of Arkansas.

Losey, E. R., B. R. Deemer, and R, G, Corace III. 2007. History of Sharp-tailed Grouse (*Tympanuchus phasianellus*) at Seney National Wildlife Refuge and surrounding areas, Schoolcraft County, Michigan. Passenger Pigeon 69:339-348.

Low, J. B., and D. M. Gaufin. 1946. An unusual flight of Sharp-tailed Grouse. Condor 48:180.

Lumsden, H. G. 1949. Pinnated grouse on Manitoulin Island. Canadian Field-Naturalist 63:208-209.

Lumsden, H. G. 1965. Displays of the Sharptail Grouse. Ontario Department of Lands and Forests Technical Series Research Report No. 66. 68pp.

Lumsden, H. G. 1966. The prairie chicken in southwestern Ontario. Canadian Field-Naturalist 80:33-45.

Lumsden, H. G. 1970. A hybrid population of prairie grouse on Manitoulin Island, Ontario. Transactions of the Midwest Fish and Wildlife Conference 32:57-58.

Lumsden, H. G. 2005. "Prairie Grouse", *Tympanuchus cupido* x *phasianellus*, hybridization on Manitoulin Island, Ontario. Canadian Field Naturalist 119:507-514.

Lumsden, H. G. 2005. Plumage and internal morphology of the "Prairie Grouse", *Tympanuchus cupido* x *phasianellus*, of Manitoulin Island, Ontario. Canadian Field Naturalist 119:515-524.

Lutz, R. S. 1979. The response of Attwater's Prairie Chicken to petroleum development. M. Sc. Thesis, Texas A&M University, College Station. 82pp.

Lutz, R. S., and N. J. Silvy. 1980. Predator response to artificial nests in Attwater's Prairie Chicken habitat. Pp.48-51 *in* Proceedings of the Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). Oklahoma State University, Stillwater.

Lutz, R. S., J. S. Lawrence, and N. J. Silvy. 1994. Nesting ecology of Attwater's Prairie-Chicken. Journal of Wildlife Management 58:230-233.

Luukkonen, D. R., T. Minzey, T. E. Maples, and P. Lederle. 2009. Evaluation of population monitoring procedures for Sharp-tailed Grouse in the eastern Upper Peninsula of Michigan. Michigan Department of Natural Resources. Wildlife Division Report No. 3803. 1pp.

Lyons, E. K. 2008. Lesser Prairie-Chicken demographics in Texas: Survival, reproduction, and population viability. Ph. D. Dissertation. Texas A&M University. 84pp.

Lyons, E. K., B. A. Collier, N. J. Silvy, R. R. Lopez, B. E. Toole, R. S. Jones, and S. J. DeMaso. 2009. Breeding and non-breeding survival of Lesser Prairie-Chickens, *Tympanuchus pallidicinctus*, in Texas, USA. Wildlife Biology 15:89-96.

Maertens, G. H. 1973. The status of the prairie chicken in Minnesota: habitat management practices. Pp.89-91 *in* The prairie chicken in Minnesota (W. D. Svedarsky and T.J. Wolfe, eds.). University of Minnesota, Crookston.

Main, J. S. 1937. The dance of the prairie-chicken. Wilson Bulletin 49:37-42.

Maltbie, M. 1992. DNA fingerprints as a measure of genetic similarity in the endangered species, Attwater's Prairie Chicken. M. Sc. Thesis. Texas Tech. University, Lubbock.

Mancuso, M., and R. Mosely. 1997. Vegetation of the Hixon Columbian Sharp-Tailed Grouse Habitat Management Plan Area, Washington County, Idaho. – Technical Bulletin, Idaho Department of Fish and Game. 79pp.

Manes, R., S. Harmon, and S. Gillen. 2002. Prairie grouse conservation: need for help, reason for hope. Grouse Partnership News 3:8-13.

Mann, G. 1973. A species worthy of preservation. Pp.1-4 *in* The prairie chicken in Minnesota: Conference Proceedings, April 28, 1973 (W. D. Svedarsky and T. Wolfe, eds.).

Manske, L. L. 1995. Habitat management for the prairie grouse on the Sheyenne National Grasslands. North Dakota State University, Dickinson Research Extension Center, DREC 95-1009. 30pp.

Manske, L. L., and W. T. Barker. 1981. Habitat use of prairie chickens on Sheyenne Grasslands. North Dakota Academy of Science 36:2.

Manske, L. L. and W. T, Barker. 1981. The prairie grouse on the Sheyenne National Grasslands, North Dakota. North Dakota State University Research Report, Fargo, ND. 238pp.

Manske, L. L., and W. T. Barker. 1988. Habitat usage by prairie grouse on the Sheyenne National Grasslands. Pp.8-20. *In* Prairie-Chickens on the Sheyenne National Grasslands (A. J. Bjugstad, ed.). US Forest Service General Technical Report, RM-159.

Manske, L. L., and W. T. Barker. 1988**.** Effects of grazing management on grassland plant communities and prairie grouse habitat. Pp.58-72. *In* Prairie-Chickens on the Sheyenne National Grasslands (A. J. Bjugstad, ed.). US Forest Service General Technical Report, RM-159.

Manville, A. M. II. 2004. Prairie grouse leks and wind turbines: U. S. Fish and Wildlife Service justification for a 5-mile buffer from leks; additional grassland songbird recommendations. Div. Migratory Bird Manage., USFWS, Arlington, VA, peer-reviewed briefing paper. 17pp.

Manweiller, J. 1939. The combined weight class-rectrix pattern method for determining sex of Sharp-tailed Grouse. Journal of Wildlife Management 3:283-287.

Manzer, D. L. 2004. Sharp-tailed Grouse breeding success, survival, and site selection in relation to habitat measured at multiple scales. Ph. D. Dissertation. University of Alberta. 158pp.

Manzer, D. L., and S. J. Hannon. 2005. Relating grouse nest success and corvid density to habitat: a multi-scale approach. Journal of Wildlife Management 69:110-123.

Manzer, D. L., and S. J. Hannon. 2008. Survival of sharp-tailed grouse *Tympanuchus phasianellus* chicks and hens in a fragmented prairie landscape. Wildlife Biology 14:16-25.

Maples, T. E., and G. J. Soulliere. 1996. Status of Michigan Sharp-tailed Grouse in the 1990's. Michigan Department of Natural Resources.

Marks, J. S., and V. S. Marks. 1987. Habitat selection by Columbian Sharp-tailed Grouse in west-cental Idaho. US Bureau of Land Management, Boise, ID, 115pp.

Marks, J. S., and V. S. Marks. 1987. Influence of radio-collars on survival of Sharp-tailed Grouse. Journal of Wildlife Management 51:468-471.

Marks, J. S., and V. S. Marks. 1988. Winter habitat use by Columbian Sharp-tailed Grouse in western Idaho. Journal of Wildlife Management 52:743-746.

Marks, R. 2007. Sharp-tailed Grouse (*Tympanuchus phasianellus*). NRCS Fish and Wildlife Habitat Management Leaflet Number 40. 14pp.

Marks, V. S. 1986. Summer habitat use by Columbian Sharp-tailed Grouse in western Idaho. M.Sc. thesis, Montana State University, Bozeman. 99pp.

Marshall, W. H. and M. S. Jensen. 1937. Winter and spring studies of the Sharp-tailed Grouse in Utah. Journal of Wildlife Management 1:87-99.

Marston, D. L. 1972. The Sharp-tailed Grouse and its potential in Maine. Maine Fish & Game, Summer 1972 14(3):22.

Martin, C. J. 1988. An ecological history of Sharp-tailed Grouse in Isle Royale National Park. M. Sc. Thesis. University of Minnesota.

Martin, D. 1988. Pasture/hayland seedings and their suitability for the prairie chicken. Missouri Department of Conservation. 4pp.

Martin, J. A. 2006. Lesser Prairie Chicken (*Tympanuchus pallidicinctus*) population trends and landscape change in southeastern New Mexico. M. Sc. Thesis. University of New Mexico. 107pp.

Martin, S. A. 1978. Density and distribution of the Greater Prairie Chicken in Oklahoma. Oklahoma Cooperative Wildlife Research Unit, Semi-annual Progress Report 31:53-56.

Martin, S. A. 1980. Current status and approaches to monitoring populations and habitats of Greater Prairie Chickens in Oklahoma. M. Sc. Thesis. Oklahoma State University, Stillwater

Martin, S. 1980. Greater Prairie Chicken populations in Oklahoma: final report. Oklahoma Cooperative Wildlife Research Unit and Oklahoma Department of Wildlife Conservation. Oklahoma project no. W-125-R, study no. 1, job 1, Density and distribution of prairie chickens in Oklahoma. 43pp.

Martin, S. A., and F. L. Knopf. 1980. Distribution and numbers of Greater Prairie Chickens in Oklahoma. Pp.68-70 *in* Proceedings of the Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Martin, S. A., and F. L. Knopf. 1981. Aerial survey of Greater Prairie Chicken leks. Wildlife Society Bulletin 9:219-221.

Massey, M. 2001. Long-range plan for the management of Lesser Prairie Chickens in New Mexico 2002-2006. New Mexico Department of Game and Fish, Federal Aid Wildlife Restoration, Grant W-104-R41, Project 3.4.

Matthews, T. 2009. Productivity and habitat selection of Ring-necked Pheasants and Greater Prairie-Chickens in Nebraska. Ph. D. Dissertation, University of Nebraska, Lincoln. 136pp.

Mattise, S. N. 1978. Effects of grazing systems on Sharp-tailed Grouse habitat. M. Sc. Thesis, South Dakota State University, Brookings. 46pp.

Mattise, S. N., R. L. Linder, and G. D. Kobriger. 1981. Effects of grazing systems on Sharp-tailed Grouse habitat. *In* Proceedings of the wildlife-livestock relationships symposium. Pp.124-132.

Mattson, O. E. 1965. The course we have taken---and why. A progress report on the Wisconsin Prairie Chicken Management Project. 12pp.

Maxson, S. J., L. W. Oring, and G.-A. Maxson. 1979. Red fox captures Sharp-tailed Grouse at the lek. Prairie Naturalist 11:124.

Mays, J. K., R. F. Silva, L. F. Lee, A. M. Fadly. 2010. Characterization of reticuloendotheliosis virus isolates obtained from broiler breeders, turkeys, and prairie chickens located in various geographical regions in the United States. Avian Pathology 39:383-389.

McArdle, B. A. 1977. The effect of sagebrush reduction practices on Sharp-tailed Grouse use in Southeastern Idaho. M. Sc. Thesis. Utah State University.

McCarthy, C., T. Pella, G. Link, and M. A. Ruble. 1997. Greater Prairie Chicken nesting habitat, Sheyenne National Grassland, North Dakota. *In* Conserving Biodiversity on Native Rangelands : symposium proceedings : August 17, 1995, Fort Robinson State Park, Nebraska. Fort Collins, Colo. : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, 1997. General technical report RM ; GTR-298. PP. 13-18.

McCleery, R. A., R. R. Lopez, and N. J. Silvy. 2007. Transferring research to endangered species management. Journal of Wildlife Management 71:2134-2141.

McDonald, M. W. 1998. Ecology of Columbian sharp-tailed grouse in eastern Washington. M. Sc. Thesis. University of Idaho.

McDonald, M. W., and K. P. Reese. 1998. Landscape changes within the historical distribution of Columbian Sharp-tailed Grouse in eastern Washington: is there hope? Northwest Science 72:34-41.

McDonald, M. W., K. P. Reese, and M. A. Schroeder. 1996. Productivity and habitat use of Columbian Sharp-tailed Grouse in eastern Washington (abstract). *In* Twentieth Western States Sage and Columbian Sharp-tailed Grouse Workshop Transactions (O. O. Oedekovin, ed.). Gillette, Wyoming.

McEwen, L. C., and R. L. Brown. 1966. Acute toxicity of dieldrin and malathion to Sharp-tailed Grouse. Journal of Wildlife Management 30:604-611.

McEwen, L. C., and T. J. Fergin. 1970. Propagation of prairie grouse in captivity. Game Bird Gazette. July:28-32.

McEwen, L. C., D. B. Knapp, and E. A. Hilliard. 1969. Propagation of prairie grouse in captivity. Journal of Wildlife Management 33:276-283.

McIntosh, A. 1934. *Haemaphysalis cinnabarina* Koch 1844 from the Sharp-tailed Grouse. Proceedings of the Helminth Society of Washington. 1:21.

McKee, G. 1995. Ecology of Greater Prairie-Chickens in relation to habitat characteristics in southwestern Missouri. M. Sc. Thesis. University of Missouri.

McKee, G., M. R. Ryan, and L. M. Mechlin. 1998. Predicting Greater Prairie-Chicken nest success from vegetation and landscape characteristics. Journal of Wildlife Management 62:314-321.

McKinney, L. B. Jr. 1996. Forty years of landscape change in Attwater's Prairie Chicken habitat within the coastal prairie of Texas. M. Sc. Thesis. Texas A&M University, College Station, TX.

McLachlan, M., and M. Carter. 2009. Effects of the Conservation Reserve Program on Priority Shortgrass Prairie Birds - A Conservation Effects Assessment Project Submitted to: USDA Natural Resources Conservation Service and USDA Farm Service Agency. Playa Lakes Joint Venture. 46pp. (Lesser Prairie-Chicken).

McNeff, L. B., and M. Holmes. 2009. Landowner Incentive Program: The next success story. Outdoor Oklahoma May/June 2009:10-14. (Lesser Prairie-Chicken).

McNew, L. B. 2010. An analysis of Greater Prairie-Chicken demography in Kansas: the effects of human land use on the population ecology of an obligate grassland species. Ph. D. Dissertation. Kansas State University. 132pp.

McNew, L. B., A. J. Gregory, S. M. Wisely, and B. K. Sandercock. 2009. Estimating the stage of incubation for nests of Greater Prairie-Chickens using egg flotation: a float curve for grousers. Grouse News 38:12-14.

McRoberts, J. T. 2009. Aerial surveys for Lesser Prairie-Chicken leks: detectability and disturbance response. M. Sc. Thesis. Texas Tech University. 139pp.

McRoberts, J. T., M. J. Butler, W. B. Ballard, M. C. Wallace, H. A. Whitlaw, and D. A. Haukos. 2010. Applicability of aerial surveys to locate Lesser Prairie-Chicken leks. Grouse Partnership News 2010:32-33.

McRoberts, J. T., M. J. Butler, W. B. Ballard, M. C. Wallace, H. A. Whitlaw, and D. A. Haukos. 2011. Response of Lesser Prairie-Chickens on leks to aerial surveys. Wildlife Society Bulletin 35:27-31.

McRoberts, J. T., M. J. Butler, W. B. Ballard, H. A. Whitlaw, D. A. Haukos, and M. C.

Wallace. 2011. Detectability of Lesser Prairie-Chicken leks: A comparison of surveys from aircraft. Journal of Wildlife Management XXX:XXX-XXX (online early)

Mechlin, L.M. 1991. Species management plan for the Greater Prairie-Chicken in Missouri. Wildlife Division, Missouri Department of Conservation.

Mechlin, L. M. 1996. Greater Prairie-Chicken ecology on prairies and warm-season grass plantings in Missouri / Greater Prairie-Chicken reintroduction techniques in Missouri. Final Report, Fed. Aid Project No. W-13-R-50. 8pp.

Mechlin, L. 1998. Dispersal, movements and reproductive effort of prairie-chickens relocated into an isolated population associated with a West central Missouri prairie complex during 1995-1996: study no. 37. Final report, surveys and investigations projects as required by Federal Aid in Wildlife Restoration Act, Missouri; federal aid project no. W-13-R-52 (1998). Missouri Department of Conservation. 14pp.

Mechlin, L. 2000. 2000 Population status report – prairie chickens. Missouri Department of Conservation. 6pp.

Mechlin, L. M., R. W. Cannon, and D. M. Christisen. 1999. Status and management of Greater Prairie Chickens in Missouri. Pp. 129-142 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Mehmel, G. 1990. Peregrine Falcon preys on Sharp-tailed Grouse at a lek. Loon 62:230.

Meints, D. R. 1988. Columbian Sharp-tailed Grouse study. Study I, Seasonal movements, habitat use and productivity. Job 1, Seasonal movements, habitat use and productivity. Project W-160-R-15. Job progress report. Idaho Department of Fish and Game. 18pp.

Meints, D. R. 1989. Columbian Sharp-tailed Grouse study: July 1, 1988 to June 30, 1988. Project W-160-R-16, Job progress report. Idaho Department of Fish and Game. 25pp.

Meints, D. R. 1991. Seasonal movements, habitat use, and productivity of Columbian Sharp-tailed Grouse in southeastern Idaho. M. Sc. Thesis. University of Idaho.

Meints, D. R., J. W. Connelly, K. P. Reese, A. R. Sands, and T. P. Hemker. 1992. Habitat suitability index procedure for Columbian Sharp-tailed Grouse. Idaho Forest, Wildlife and Range Experimental Station Bulletin 55., Moscow, ID.

Merchant, S. S. 1982. Habitat-use, reproductive success, and survival of female Lesser Prairie-Chickens in two years of contrasting weather. M. Sc. Thesis. New

Mexico State University, Las Cruces.

Merker, C. R. 1996. Reintroduction of the Columbian Sharp-tailed Grouse (*Tympanuchus phasianellus columbianus* Ord) using captive-reared young. M. Sc. Thesis. Eastern Washington University, Cheney, WA.

Merker, C. R. 1997. Captive rearing and release of Columbian Sharp-tailed Grouse *Tympanuchus phasianellus columbianus*. Wildlife Biology 3:285. Abstract only.

Merril, M. D., K. A. Chapman, K. A. Poiani, and B. Winter. 1999. Land-use patterns surrounding Greater Prairie-Chicken leks in northwestern Minnesota. Journal of Wildlife Management 63:189-198.

Merrill, H. W. 1881. Can the Pinnated Grouse be successfully propagated? Forest and Stream Feb. 10, 1881, 16(2):28.

Mevel, D. J. 1973. Sex and age ratios of Sharp-tailed Grouse and Hungarian Partridge. Sask. Dep. Tourism and Renewable Resources. 15pp.

Miller, G. C., and W. D. Graul. 1980. Status of Sharp-tailed Grouse in North America. Pp.18-28 *in* Proceedings of the Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). Oklahoma State University, Stillwater

Miller, H. W. 1960. Restocking of the Greater Prairie Chicken. Presented at the Third National Prairie Chicken Conference, Sep. 8-10, 1960, Stevens Point, WI. 7pp.

Miller, M. 2010. Hixon Columbian Sharp-tailed Grouse project. Grouse Partnership News 2010:34-35.

Miller, W. B. 1997. The vector competence of *Aedes albopictus* (Skuse) (Diptera: Culicidae) for Cache Valley Virus and a survey for vectors of the Cache Valley and Reticuloendotheliosis viruses in Barzos County, Texas. PhD Dissertation. TX A&M Univ.

Minish, B. R. 1987. The feasibility of re-establishing Greater Prairie Chicken in Manitoba. M.N.R.M. Thesis. Univ. Manitoba.

Minish, B. R. 1987. The Greater Prairie Chicken in Manitoba. Pages 223-225 in G.L. Holroyd, W.B. McGillivray, P.H.R. Stepney, D.M. Ealey, G.C. Trottier, and K.E. Eberhart, eds. Proc. Workshop Endangered Species in the Prairie Provinces. Prov. Mus. Alta. Nat. Hist. Occas. Pap. No. 9.

Minish, B. R. 1990. Status report on the Greater Prairie-Chicken, *Tympanuchus cupido pinnatus*. Committee on the Status of Endangered Wildlife in Canada, Year: 1990. Ottawa, Canada. 8pp.

Minnesota Department of Natural Resources. 1989. Managing your land for Sharp-tailed Grouse.

Minnesota Sharp-tailed Grouse Society. Sharp-tailed Grouse habitat management for private landowners. 6pp.

Missouri Department of Conservation. 1988. Farming and Wildlife. Series No. 4. Greater Prairie Chicken. 9pp.

Mitchell, G .J., and P. W. Riegert. 1994. Sharp-tailed Grouse, *Tympanuchus phasianellus*, and grasshoppers: Food is when you find it. Canadian Field Naturalist 108:288-291.

Mitchell, J., and B. Vodehnal. 1982. Surveys and management of prairie grouse. S. D. Federal Aid in Wildlife Restoration. Project W-15-R-38. 15pp.

Mobley, B. W. 2001. Microsatellite analysis of *Tympanuchus cupido attwateri*: paternity testing. MS Thesis. Tartleton State University, Stephenville, TX.

Moe, M. 1999. Status and management of the Greater Prairie Chicken in Iowa. Pp. 123-127 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Mohler, L. L. 1941. Fall and winter habits of the Greater Prairie Chicken, *Tympanuchus cupido americanus* (Reichenbach), in southwest Nebraska. M. S. Thesis. Iowa State Univ.

Mohler, L. L. 1944. Distribution of upland game birds in Nebraska. Nebraska Bird Review 12:1-6.

Mohler, L. L. 1952. Fall and winter habitats of prairie chickens in southwest Nebraska. Journal of Wildlife Management 16:9-23.

Mohler, L. L. 1963. Winter surveys of Nebraska prairie chickens and management implications. Journal of Wildlife Management 27:737-738.

Moran, R. J. 1966. Predation on a Greater Prairie Chicken by a Goshawk. Auk 83:137.

Moravek, G. 2001. Ft. Pierre National Grassland- Mixed-grass prairie and grouse. Grouse Partnership News 2:12, 17.

Morgan, B. B., and F. N. Hamerstrom, Jr. 1941. Notes on the endoparasites of Wisconsin Pinnated and Sharp-tailed Grouse. Journal of Wildlife Management 5:194-198.

Morrow, M. E. 1986. Ecology of Attwater's Prairie Chicken in relation to land management practices on the Attwater Prairie Chicken National Wildlife Refuge. Ph. D. Dissertation. Texas A&M University, College Station. 100pp.

Morrow, M. E. 1996. Attwater's Prairie-Chicken recovery: an overview. American Zoo and Aquarium Association Regional Conference Proceedings 1996:697-700.

Morrow, M. E., R. S. Adamik, J. D. Friday, and L. B. McKinney. 1996. Factors affecting Attwater's Prairie-chicken decline on the Attwater Prairie Chicken National Wildlife Refuge. Wildlife Society Bulletin 24:593-601

Morrow, M. E., C. P. Griffin, M. J. Peterson, and N. J. Silvy. 1997. Attwater's Prairie-Chicken *Tympanuchus cupido attwaterii*: status, limiting factors and future. Wildlife Biology 3:275. Abstract only.

Morrow, M. E., T. A. Rossingnol, and N. J. Silvy. 2004. Federal listing of prairie grouse: lessons from the Attwater's Prairie-Chicken. Wildlife Society Bulletin 32:112-118.

Morrow, M., T. Rossignol, J. Toepfer, and A. Pratt. 2010. Attwater's Prairie-Chicken recover – the beginning or the end? Grouse Partnership News 2010:12-18.

Mossop, D. H. 1994. Trends in Yukon upland gamebird populations from long-term harvest analysis. Transactions of Noth American Wildlife and Natural Resources Conference 59:449-456.

Mote, K. D., R. D. Applegate, J. A. Bailey, K. E. Giesen, R. Horton, and J. L. Sheppard. 1999. Assessment and conservation strategy for the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*).

Moyles, D. L. J. 1977. A study of territory establishment by and movements of male Sharp-tailed Grouse *Pedioecetes phasianellus* relative to the arena. M. Sc. Thesis. University of. Alberta.

Moyles, D. L. J. 1979. Cooper's Hawk attacks Sharp-tailed Grouse. Journal of Raptor Research 13:120.

Moyles, D. L. J. 1981. Seasonal and daily use of plant communities by Sharp-tailed Grouse (*Pedioecetes phasianellus*) in the parklands of Alberta. Can. Field-Naturalist. 95:290-291.

Moyles, D. 1987. The Greater Prairie Chicken in Alberta. Pages 217-220 in G.L. Holroyd, W.B. McGillivray, P.H.R. Stepney, D.M. Ealey, G.C. Trottier, and K.E. Eberhart, eds. Proc. Workshop Endangered Species in the Prairie Provinces. Alberta Province Museum of Natural History, Occasional Paper No. 9.

Moyles, D. L., and D. A. Boag. 1981. Where, when, and how male Sharp-tailed Grouse establish territories on arenas. Canadian Journal of Zoology 59:1576-1581.

Mumford, R. E. 1955. Prairie chicken. *In* Indiana Pittman-Robertson Wildl. Restoration 1939-1955 (J.M. Allen, ed.). Indiana P-R Bull. 3. Pp18-35.

National Wildlife Federation. Sharp-tailed Grouse. Tri-fold brochure.

Natural Resources Conservation Service. 1999. Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). Fish and Wildlife Management Leaflet No. 6

Nelson, L. R. 1980. Last dance for the sharptail? Minn. 43(252):45-53.

Nelson, V. C. 1939. Remnant numbers of prairie chicken in southeastern Minnesota. Wilson Bull. 57:242-243.

Nemick, J. 1972. Sharptail Grouse. Wyoming Wildlife 36(4):8-11.

Nero, R. W. 1970. Sharp-tailed Grouse gives aggressive display to automobiles. Wilson Bulletin 82:221-222.

Nero, R. W. 1976. Sharp-tailed Grouse flight speed. Blue Jay 34:101.

Neville, P., T. Neville, and K. Johnson. 2005. Lesser Prairie-Chicken habitat map for portions of eastern New Mexico. Unpublished report. 76pp.

New Mexico LPC/SDL Working Group. 2005. Collaborative conservation strategies for the Lesser Prairie-Chicken and sand dune lizard in New Mexico. Findings and recommendations of the New Mexico LPC/SDL Working Group. 179pp.

Newell, J. A. 1987. Nesting and brood-rearing ecology of the Greater Prairie-Chicken in the Sheyenne National Grasslands, North Dakota. M.S. Thesis. Montana State Univ., Bozeman. 111pp.

Newell, J. A., J. E. Toepfer, and M. A. Rumble. 1988. Summer brood-rearing ecology of the Greater Prairie-Chicken on the Sheyenne National Grasslands. Pp. 24-31 *in* Prairie-chickens on the Sheyenne National Grasslands (A. J. Bjugstad, ed.). US Dep. Agric., For. Serv., Gen. Tech. Rep. RM-159.

Newell, W. 1897. The Prairie Chicken (*Tympanuchus Americanus*). Iowa Ornithologist 3(3):43-44.

Newlands, W. A. 1967. Breeding the Pinnated Grouse or Prairie Chicken (*Tympanuchus cupido pinnatus*). Aviculturalist Magazine 73:159-167.

Newman, W. L. 1951. Notes on trapping Sharptail Grouse in Manitoba. Journal of Wildlife Management 15:223-224.

Nielsen, G. F. 1973. The status of the prairie chicken in Minnesota: Land acquisition programs. Pp. 86-88 *in* The prairie chicken in Minnesota (W. D. Svedarsky and T. J. Wolfe, eds.). University of Minnesota, Crookston.

Nielsen. L. S. 1978. The effects of rest-rotation grazing on the distribution of Sharp-tailed Grouse. M. Sc. Thesis. Montana State University.

Nielsen, L. S., and C. A. Yde. 1981. The effects of rest-rotation grazing on the distribution of Sharp-tailed Grouse. Pp.147-165. *In* Proc. Wildlife-Livestock Relationships Symposium. University of Idaho, Moscow.

Niemuth, N. D. 2000. Land use and vegetation associated with Greater Prairie-Chicken leks in an agricultural landscape. Journal of Wildlife Management 64:278-286.

Niemuth, N. D. 2003. Identifying landscapes for Greater Prairie-Chicken translocation using habitat models and GIS: a case study. Wildlife Society Bulletin 31:145-155.

Niemuth, N. D. 2005. Landscape composition and Greater Prairie-Chicken lek attendance: implications for management. Prairie Naturalist 37:127-142.

Niemuth, N. D., and M. S. Boyce. 2004. Influence of landscape composition on Sharp-tailed Grouse lek location and attendance in Wisconsin pine barrens. Ecoscience 11:209-217.

Nitchuk, W. M. 1969. Histological changes in the testes of the Sharp-tailed Grouse, *Pedioecetes phasianellus* Linnaeus, in relation to dancing ground size and organization. M. Sc. Thesis. University of Manitoba.

Nitchuk, W. M., and R. M. Evans. 1978. A volumetric analysis of Sharp-tailed Grouse sperm in relation to dancing ground size and organization. Wilson Bulletin 90:460-462.

Nooker, J. K. 2007. Factors affecting the demography of a lek-mating bird: the Greater Prairie-Chicken. Ph. D. Dissertation. Kansas State University. 108 pp.

Nooker, J. K., and B. K. Sandercock. 2008. Phenotypic correlates and survival consequences of male mating success in lek-mating Greater Prairie-Chickens (*Tympanuchus cupido*). Behavioral Ecology and Sociobiology 62:1377-1388.

Northrup, R. D. 1991. Sharp-tailed Grouse habitat use during fall and winter on the Charles M. Russell National Wildlife Refuge, Montana. M. Sc. Thesis. Montana State University.

Norton, M. A. 2005. Reproductive success and brood habitat use of Greater Prairie Chickens and Sharp-tailed Grouse on the Fort Pierre National Grassland of central South Dakota. M.Sc. Thesis. South Dakota State University, Brookings

Norton, M. A., K. C. Jensen, A. P. Leif, T. R. Kirschenmann, and G. A. Wolbrink. 2010. Resource selection of Greater Prairie-Chicken and Sharp-Tailed Grouse broods in Central South Dakota. Prairie Naturalist 42:100-108.

Oedekoven, O. O. 1985. Columbian Sharp-tailed Grouse population distribution and habitat use in south central Wyoming. M. Sc. Thesis. University of Wyoming.

Ohanjanian, P. 2006. An inventory of Columbian Sharp-tailed Grouse *Tympanuchus phasianellus columbianus* in the East Kootenay. Prepared for The Columbia Basin Fish and Wildlife Compensation Program. 32pp.

Olawsky, C. D. 1987. Effects of shinnery oak control with tebuthiuron on Lesser Prairie-Chicken populations. M.Sc. Thesis. Texas Tech. University, Lubbock. 83pp.

Olawsky, C. D., and L. M. Smith. 1991. Lesser Prairie Chicken densities in tebuthiuron-treated and untreated sand shinnery oak rangelands. Journal ofRange Management 44:364-368.

Osterndorff, E. A. 1995. Conservation genetics of the endangered Attwater's Prairie-Chicken. M. Sc. Thesis. Texas A&M University. College Station, TX.

Paez, S. A. 2010. Preventing the extinction of candidate species: the Lesser Prairie-Chicken in New Mexico. Natural Resources Journal 49:525-582.

Palkovacs, E. P., A. J. Oppenheimer, E. Gladyshev, J. E. Toepfer, G. Amato, T. Chase, and A. Caccone. 2004. Genetic evaluation of a proposed introduction: the case of the Greater Prairie-Chicken and the extinct Heath Hen. Mol. Ecol. 13:1759-1769.

Pannell, J. H. 1943. The Heath Hen. Science 98:174.

Paothong, N. 2008. Spirit of the prairie – Will there be a tomorrow for prairie chickens to dance again? Missouri Conservationist 69(3):15-23.

Parker, T. L. 1970. On the ecology of Sharp-tailed Grouse in southeastern Idaho. M. Sc. Thesis. Idaho State University., Pocatello. 140pp.

Partch, M. 1970. Prairie chicken exodus: notes on the prairie chicken in central Minnesota. Loon 42:5-19.

Partch, M. C. 1973. A history of Minnesota's prairie chickens. Pp.15-29 *in* The prairie chicken in Minnesota (W. D. Svedarsky and T. J. Wolfe, eds.). Univ. Minn., Crookston

Paterson, M. L. 1973. Population and habitat trends. Pp. 80-85 *in* The prairie chicken in Minnesota (W. D. Svedarsky and T. J. Wolfe, eds.). University of Minnesota, Crookston.

Patten, M. A., and J. F. Kelly. 2010. Habitat selection and the perceptual trap. Ecological Applications 20:2148-2156. (Lesser Prairie-Chicken).

Patten, M. A., C. L. Pruett, and D. H. Wolfe. In press. Ecological aspects of home range size and movements in the Greater Prairie-Chicken. Studies in Avian Biology. (Draft).

Patten M. A., E. Shochat, D. H. Wolfe, and S. K. Sherrod. 2007. Lekking and nesting response of the Greater Prairie-Chicken to burning of tallgrass prairie. Proceedings of the 23rd. Tall Timbers Fire Ecology Conference 23:149-155.

Patten, M. A., D. H. Wolfe, and S. K. Sherrod. 2006. The effects of shrub control and grazing on habitat quality and reproductive success of Lesser Prairie-Chickens. Final Report to New Mexico Department of Game and Fish. 21pp.

Patten, M. A., D. H. Wolfe, and S. K. Sherrod. 2008. Monitoring the efficacy of fence marking to reduce mortality of the Lesser Prairie-Chicken in western Oklahoma: Final report. 7pp.

Patten, M. A., D. H. Wolfe, E. Shochat, and S. K. Sherrod. 2005. Effects of microhabitat and microclimate on adult survivorship of the Lesser Prairie-Chicken. Journal of Wildlife Management 36:1270-1278.

Patten, M. A., D. H. Wolfe, E. Shochat, and S. K. Sherrod. 2005. Habitat fragmentation, rapid evolution, and population persistence. Evolutionary Ecology Research. 7:235-249.

Paulson, G. C. 1996. Livestock grazing: effect on woody riparian plant communities used by wintering Columbian Sharp-tailed Grouse (*Tympanuchus phasianellus columbianus*), Lake Creek, Washington. M. Sc. Thesis. Eastern Washington Univ.

Paynter, E. L. 1952. The "Prairie Chicken" has gone. Oryx 1:243.

Pepper, G. W. 1972 The ecology of Sharp-tailed Grouse during spring and summer in the aspen parklands of Saskatchewan. Ph. D. Dissertation. University of Saskatchewan.

Pepper, G. W. 1972. The ecology of Sharp-tailed Grouse during spring and summer in the aspen parklands of Saskatchewan. Saskatchewan Department of Natural Resources, Wildlife Report I. 56pp.

Pence, D. B., J. T. Murphy, F. S. Guthery, and T. B. Doerr. 1983. Indications of seasonal variation in the helminth fauna of the Lesser Prairie-Chicken, *Tympanuchus pallidicinctus* (Ridgway) (Tetraonidae), from northwestern Texas. Proceedings of the Helminthological Society of Washington 50:345-347.

Pence, D. B., and D. L. Sell. 1979. Helminths of the Lesser Prairie Chicken, T*ympanuchus pallidicinctus* (Ridgeway) (Tetraonidae), from the Texas panhandle. Proceedings of the Helminthological Society of Washington 46:146-149.

Peterele, T. J. 1950. History of the Prairie Chicken (T*ympanuchus cupido*) and the Sharp-tailed Grouse (*Pedioecetes phasianelus*) in Michigan. M. Sc. Thesis. University of Michigan.

Peterle, T. J. 1954. The Sharp-tailed Grouse in the Upper Peninsula of Michigan. PhD Dissertation. University of Michigan.

Peterson, M. J. 1994. Factors limiting population size of the endangered Attwater's Prairie-Chicken. Ph. D. Dissertation. Texas A&M University.

Peterson, M. J. 1996. The endangered Attwater's Prairie Chicken and an analysis of prairie grouse helminthic endoparasitism. Ecography 19:424-431.

Peterson. M. J. 2004. Parasites and infectious diseases of prairie grouse: should managers be concerned? Wildlife Society Bulletin 32:35-55.

Peterson, M. J., P. F. Ferro, M. N. Peterson, R. M. Sullivan, B. E. Toole, and N. J. Silvy. 2002. Infectious disease survey of Lesser Prairie Chickens in north Texas. Journal of Wildlife Diseases 38:834-839.

Peterson, M. J., W. F. Grant, and N. J. Silvy. 1998. Simulation of reproductive stages limiting productivity of the endangered Attwater's Prairie Chicken. Ecological Modelling 111:283-295.

Peterson, M. J., J. R. Purvis, J. R. Lichtenfels, T. M. Craig, N. O. Dronen, Jr., and N. J. Silvy. 1998. Serologic and parasitologic survey of the endangered Attwater's Prairie Chicken. Journal of Wildlife Diseases 34:137-144.

Peterson, M. J., and N. J. Silvy. 1994. Spring precipitation and fluctuations in Attwater's Prairie-chicken numbers: Hypothesis revisited. Journal of Wildlife Management 58:222-229.

Peterson, M. J., and N. J. Silvy. 1996. Reproductive stages limiting productivity of the endangered Attwater's Prairie-Chicken. Conservation Biology 10:1264-1276.

Pettingill, O. S. Jr. 1929. The passing of the Heath Hen. Forest and Stream Oct. 1929 No. 10. Pp713-714, 753-754.

Petty, R. O. 1974. Can the prairie chicken adapt? Defenders Wildl. 49:521-523.

Pickering, R. 1987. Sharp-tailed Grouse dancing in January. Blue Jay 45:39.

Pierce, F. J. 1922. The prairie chicken in east central Iowa. Wilson Bulletin 34:100-106.

Pim-Fire. 1884. Pinnated Grouse in Dakota. Forest and Stream Jan. 3, 1884. 21(23):451-452.

Pipas, J. M. 2009. Revisiting the Heath Hen. Shooting Sportsman 21(3):40-46.

Pitman, J. C. 2003. Lesser Prairie-Chicken nest site selection and nest success, juvenile gender determination and growth, and juvenile survival and dispersal in southwestern Kansas. M. Sc. Thesis. Kansas State University.

Pitman, J. C., C. A. Hagen, B. E. Jamison, R. J. Robel, T. M. Loughin, and R. D. Applegate. 2006. Nesting ecology of Lesser Prairie-Chickens in sand sagebrush prairie of southwestern Kansas. Wilson Journal of Ornithology 118:23-35.

Pitman, J. C., C. A. Hagen, B. E. Jamison, R. J. Robel, T. M. Loughin, and R. D. Applegate. 2006. Survival of juvenile Lesser Prairie-Chickens in Kansas. Wildlife Society Bulletin 34:675-981.

Pitman, J. C., C. A. Hagen, R. J. Robel, T. M. Loughin, and R. D. Applegate. 2005. Gender identification and growth of juvenile Lesser Prairie-Chickens. Condor 107:87-96.

Pitman, J. C., C. A. Hagen, R. J. Robel, T. M. Loughin, and R. D. Applegate. 2005. Location and success of Lesser Prairie-Chicken nests in relation to vegetation and human disturbance. Journal of Wildlife Management 69:1259-1269.

Pitman, J. C., B. E. Jamieson, C. A. Hagen, R. J. Robel, and R. D, Applegate. 2006. Brood break-up and juvenile dispersal of Lesser Prairie-Chickens in Kansas. Prairie Naturalist 38:85-100.

Plasse, R. 1996. Husbandry guidelines: Attwater's Prairie Chicken *Tympanuchus cupido attwateri*. American Zoo and Aquarium Association Regional Conference Proceedings 1996:716-719.

Plasse, R. 1997. The Attwater's Prairie Chicken SSP (*Tympanuchus cupido attwateri*). American Zoo and Aquarium Association Annual Conference Proceedings 1997:429-433.

Poiani, K. A., M. D. Merrill, and K. A. Chapman. 2002. Identifying conservation-priority areas in a fragmented Minnesota landscape based on the umbrella species concept and selection of large patches of natural vegetation. Conservation Biology 15:513-522. (Greater Prairie-Chicken).

Porter, D. R. 1991. Gut morphology and genetic variation as predictors of population vigor in Greater Prairie-Chicken, *Tympanuchus cupido*, in Kansas. M. Sc. Thesis. 42 pp. Emporia State University, Kansas.

Postovit, B. 1996. Spontaneous establishment of a Columbian Sharp-tailed Grouse lek on surface mine reclamation in northeast Colorado (abstract). *In* Twentieth Western States Sage and Columbian Sharp-tailed Grouse Workshop Transactions (O. O. Oedekovin, ed.). Gillette, Wyoming.

Pratt, A. C. 2010. Evaluation of the reintroduction of Attwater's Prairie-Chickens in Goliad County, Texas. M. Sc. Thesis. Texas A&M University-Kingsville. 75pp.

Preno, W. L., and J. Slachter. 1962. Population studies and trends on the prairie chicken. Job Completion Report, Project No. W-49-R-10.

Prose, B. L. 1985. Habitat suitability index models: Greater Prairie-Chicken. U. S. Department of Interior, Fish and Wildlife Service, Biological Report 82(10.102). 33pp.

Prose, B. L. 1987. Habitat suitability index models: Plains Sharp-tailed Grouse. U. S. Department of Interior, Fish and Wildlife Service, Biological Report 82(10.142). 31pp.

Prose, B. 1987. Management techniques for the Greater Prairie-Chicken. U. S. Fish and Wildlife Service Pamphlet.

Prose, B. L. 1992. Heterogeneity and spatial scale in nesting habitat selection by Sharp-tailed Grouse in Nebraska. M. Sc. Thesis. Colorado State University.

Prose, B. L. 2002. Selection of nesting habitat by Sharp-tailed Grouse in the Nebraska Sandhills. Prairie Naturalist 34:85-106.

Pruett, C. L., J. A. Johnson, L. C. Larsson, D. H. Wolfe, and M. A. Patten. 2011. Low effective population size and survivorship in a grassland grouse. Conservation Genetics XXX:XXX-XXX (online early). (Lesser Prairie-Chicken).

Pruett, C. L., M. A. Patten, and D. H. Wolfe. 2009. It's not easy being green: wind energy and a declining grassland bird. BioScience 58:257-262. (Lesser Prairie-Chickens).

Pruett, C. L., M. A. Patten, and D. H. Wolfe. 2009. Avoidance behavior of prairie grouse: implications for wind and energy development. Conservation Biology 23:1253-1259. (Greater Prairie-Chicken, Lesser Prairie-Chicken).

Pusateri, F. M. 1990. Greater Prairie-Chicken recovery plan. Colorado Division of Wildlife. Fort Collins, CO. 25pp.

Purvis, J. R. 1995. Implications of Canada, Snow, and White-fronted Geese and Northern Bobwhite as disease reservoirs for the Attwater's Prairie-Chicken. MS Thesis. TAMU, College Station, TX.

Purvis, J. R., M. J. Peterson, N. O. Dronen, J. R. Lichtenfels, and N. J. Silvy. 1998. Northern Bobwhites as disease indicators for the endangered Attwater's Prairie Chicken. J. Wildl. Diseases 34:348-354.

Pyrah, D. B. 1960. Eden Valley chicken seasons. Wyoming Wildlife 24(1):26-29.

R. 1832. On the grouse of the western and northwestern prairies. American Turf Register and Sporting Magazine Aug 1832 3(12):588-591.

Rakestraw, J. 1995. A loser look: Lesser Prairie-Chicken. Birding. June 1995, pp209-212.

Ramey, D. 1935. And now! The prairie chicken. Game Breeder and Sportsman 39(1):6.

Ramharter, B. G. 1976. Habitat selection and movements by Sharp-tailed Grouse (*Pedioecetes phasianellus*) hens during the nesting and brood rearing periods in a fire maintained brush prairie. PhD Dissertation. Univ. Minn. 86pp.

Raymond, R. L. 1999. Sharp-tailed Grouse habitat study in eastern interior Alaska. Final Report to Alaska Dept. Fish and Game. 13pp.

Raymond, R. L. 2001. Use of summer and winter habitat by Alaskan Sharp-tailed Grouse (*Tympanuchus phasianellus caurus*) in eastern Interior Alaska. M. S. Thesis. Alaska Pacific Univ.

Reece, P. E., J. D. Volesky, and W. H. Schacht. 2001. Cover for wildlife after summer grazing on Sandhills rangeland. Journal of Range Management 54:126-131. (Sharp-tailed Grouse).

Reed, K. J. 1973. How to trap Sharp-tailed Grouse. Ontario Fish and Wildlife Review

12(3-4):9-16.

Renhowe, B. A. 1968. Food habits of the Sharp-tailed Grouse (*Pedioecetes phasianellus jamesi*) and the Greater Prairie Chicken (*Tympanuchus cupido pinnatus*) in western South Dakota. MS Thesis, SDSU, Brookings. 80pp.

Rice, L. A., and A. V. Carter. 1975. Evaluation of South Dakota grassland management practices as they affect prairie chicken populations, 1973-74 and 1974-75. SD Dep. Game, Fish, Parks. Proj. W-75-R-16, 17, Jobs I-V. 16pp..

Rice, L. A., and A. V. Carter. 1976. Evaluation of South Dakota grassland management practices as they affect prairie chicken populations, 1975-76. SD Dep. Game, Fish, Parks. Proj. W-75-R-18, Jobs I-V. 17pp.

Rice, L. A., and A. V. Carter. 1977. Evaluation of South Dakota grassland management practices as they affect prairie chicken populations, 1976-77. SD Dep. Game, Fish, Parks. Proj. W-75-R-19, Jobs I-V. 16pp.

Rice, L. A., and A. V. Carter. 1984. Evaluation of South Dakota grassland management practices as they affect prairie chicken populations, 1974-78. SD Dep. Game, Fish, Parks. Completion Report No. 84-11. 25 pp.

Ridgway, R. 1873. A new variety of prairie chicken. Bull. Essex Inst. 5:199.

Ridgway, R. 1886. On the proper name for the prairie hen. Auk 3:132-133.

Riley, T. Z. 1978. Nesting and brood-rearing habitat of Lesser Prairie Chickens in southeastern New Mexico. M. Sc. Thesis. New Mexico State University, Las Cruces. 59pp.

Riley, T. Z. 2004. Private-land habitat opportunities for prairie grouse through federal conservation programs. Wildlife Society Bulletin 32:83-91.

Riley, T. Z., and C. A. Davis. 1993. Vegetative characteristics of Lesser Prairie-Chicken brood foraging sites. Prairie Naturalist 25:243-248.

Riley, T. Z., C. A. Davis, M. A. Candelaria, and H. R. Suminski. 1994. Lesser Prairie-Chicken movements and home ranges in New Mexico. Prairie Naturalist 26:183-186.

Riley, T. Z., C. A. Davis, M. Ortiz, and M. J. Wisdom. 1992. Vegetative characteristics of successful and unsuccessful nests of Lesser Prairie Chickens. Journal of Wildlife Management 56:383-387.

Riley, T. Z., C. A. Davis, and R. A. Smith. 1993. Autumn and winter foods of the Lesser Prairie-Chicken (*Tympanuchus pallidicintus*). Great Basin Naturalist.

53:186-189.

Riley, T. Z., C. A. Davis, and R. A. Smith. 1993. Autumn-winter habitat use of Lesser Prairie-Chickens (*Tympanuchus pallidicinctus*, Tetraonidae). Great Basin Naturalist. 53:409-411.

Riley, T., and S. A. Harmon. 2004. Progress for Lesser Prairie-Chicken in New Mexico. Grouse Partnership News 5:24-25.

Rippen, A. B. 1970. Social organization and recruitment on the arena of Sharp-tailed Grouse. M. Sc. Thesis. University of Alberta.

Rippen, A. B., and D. A. Boag. 1974. Recruitment to populations of male Sharp-tailed Grouse. Journal of Wildlife Management 38:616-621.

Rippen, A. B., and D. A. Boag. 1974. Spatial organization among Sharp-tailed Grouse on arenas. Canadian Journal of Zoology 52:591-597.

Ripper, D., M. McLachlan, T. Toombs, and T. VerCauteren. 2008. Assessment of Conservation Reserve Program fields within the current distribution of Lesser Prairie-Chicken. Great Plains Research 18:205-218.

Ripper, D., and T. VerCauteren. 2007. Assessment of CRP fields within current Lesser Prairie-Chicken range. Technical Report # PPR-LEPC-ED07-01, Rocky Mountain Bird Observatory, Brighton, CO. 42pp.

Ritcey, R. 1995. Status of the Sharp-tailed Grouse (*columbianus* subspecies) in British Columbia. Ministry of Environ., Lands, and Parks, Wildl. Branch. Wildl. Working Rep. No. WR-70.

Robb, L. A., and M. A. Schroeder. 2005. Greater Prairie-Chicken (*Tympanuchus cupido*): a technical conservation assessment. USDA Forest Service.

Robb, L. A., and M. A. Schroeder. 2005. Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*): a technical conservation assessment. USDA Forest Service.

Robbins, M. B., A. T. Peterson, and M. A. Ortega-Huerta. 2002. Major negative impacts of early intensive stocking on tallgrass prairies: the case of the Greater Prairie-Chicken (Tympanuchus cupido). North American Birds 56:239-244.

Robel, R. J. 1965. Quantitative indices to activity and territoriality of booming *Tympanuchus cupido pinnatus* in Kansas. Transactions of the Kansas Academy of Science 67:702-712.

Robel, R.J . 1966. Booming territory size and mating success of the Greater Prairie Chicken (*Tympanuchus cupido pinnatus*). Animal Behavior 14:328-331.

Robel, R. J. 1966. Behavior and mobility studies on the Greater Prairie Chicken of northeastern Kansas. Year Book of the American Philosophical Society, 1966. Pp.365-368.

Robel, R. J. 1967. Significance of booming grounds of Greater Prairie-Chickens. Proceedings of the American Philosophical Society 111:109-114.

Robel, R. J. 1970. Possible role of behavior in regulating Greater Prairie Chicken populations. Journal of Wildlife Management 34:306-312.

Robel, R. J. 1980. Current and future research needs for prairie grouse. Pp. 34-41 *in* Proceedings of the Prairie Grouse Symposium (P.A. Vohs, and F.L. Knopf, eds.). Oklahoma State University, Stillwater.

Robel, R. 2001. Range management for North American grouse. Pp.37-51 *IN*: Phillips, J.D.P., D. B. A. Thompson, and W. H. Gruellich (Eds.). 2001. Integrated upland management for wildlife, field sports, agriculture & public enjoyment. Scottish Natural Heritage, Battleby.

Robel, R. J. 2002. Expected impacts on Greater Prairie-Chickens of establishing a wind turbine facility near Rosalia, Kansas. Unpublished report to Zilkha Renewable Energy.

Robel, R. J. 2004. Summary remarks and personal observations of the situation by an old hunter and researcher. Wildlife Society Bulletin 32:119-122.

Robel, R. J., and W. B. Ballard. 1974. Lek social organization and reproductive success in the Greater Prairie-Chicken. American Zoologist 14:121-128.

Robel, R. J., J. N. Briggs, J. J. Cebula, N. J. Silvy, C. E. Viers, and P. G. Watt. 1970. Greater Prairie Chicken ranges, movements, and habitat usage in Kansas. Journal of Wildlife Management 34:286-306.

Robel, R. J., J. A. Harrington Jr., C. A. Hagen, J. C. Pitman, and R. R. Reker. 2003. Effect of energy development and human activity on the use of sand sagebrush habitat by Lesser Prairie-Chickens in southwestern Kansas. Unpublished report. 14pp.

Robel, R. J., J. A. Harrington Jr., C. A. Hagen, J. C. Pitman, and R. R. Reker. 2004. Effect of energy development and human activity on the use of sand sagebrush habitat by Lesser Prairie-Chickens in southwestern Kansas. Transactions of the North American Wildlife and Natural Resources Conference 69:251-266.

Robel, R. J., F. R. Henderson, and W. Jackson. 1972. Some Sharp-tailed Grouse population statistics from South Dakota. Journal of Wildlife Management 36:87-

98.

Robel, R. J., J. P. Hughes, S. D. Hull, K. E. Kemp, and D. S. Klute. 1998. Spring burning: resulting avian abundance and nesting in Kansas CRP. Journal of Range Management 51:132-138.

Robel, R. J., T. L. Walker Jr., C. A. Hagen, R. K. Ridley, K. E. Kemp, and R. D. Applegate. 2003. Helminth parasites of Lesser Prairie-Chicken *Tympanuchus pallidicinctus* in southeastern Kansas: incidence, burdens, and effects. Wildlife Biology 9:341-349.

Roberts, T. S. 1932. Greater Prairie Chicken (pp.285-395), *and* Sharp-tailed Grouse (pp.395-402) *in* The birds of Minnesota. Vol. I. University of Minnesota, Minneapolis.

Robertson, K. 1979. Surveys and management of prairie grouse. Nebraska Game and Parks Commission. Project W-15-R-35. Work Plan E-78. 53pp.

Robertson, K. 1980. Changes occurring in Nebraska's prairie grouse range. Pp.52-54 *in* Proceedings of the Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). Oklahoma State University, Stillwater.

Robinson, R. T. 1972. Grouse of the Canadian Prairies. Animals 14:342-345.

Rocklage, A. M., F. B. Edelmann, and V. R. Pope. 2003. Distribution of Sage and Sharp-tailed Grouse in Hells Canyon and transmission line corridors associated with the Hells Canyon Complex. Idaho Power Company. Tech. Report Appendix E.3.2-8. Sept. 2001 (revised July 2003).

Rodgers, R. D. 1992. A technique for establishing Sharp-tailed Grouse in unoccupied range. Wildlife Society Bulletin 20:101-106.

Rodgers, R. 1996. Sharptail "pioneers'. Kansas Wildlife and Parks. 53(6):41.

Rodgers, R. D. 1998. Prairie chicken lek survey-1998. Kansas Department of Wildlife & Parks.

Rodgers, R. 2001. Prairie chicken lek survey-2001. Project W-39-R-7. Kansas Department of Wildlife & Parks 3pp.

Rodgers, R. 2003. Prairie chicken lek survey – 2003. Grant W-39-R-9. Kansas Department of Wildlife & Parks. 6pp.

Rodgers, R. 2006. Prairie Chicken lek survey – 2006. May 2006 Performance Report, Kansas Department of Wildlife and Parks. 5pp.

Rodgers, R. 2007. Prairie Chicken lek survey – 2007. May 2007 Performance Report, Kansas Department of Wildlife and Parks. 5pp.

Rodgers, R. 2009. A summary of population and habitat changes, and conservation of the Lesser Prairie-Chicken in Kansas. Unpublished report. Kansas Dapartment of Wildlife and Parks. 20pp.

Rodgers, R. D., and R. W. Hoffman. 2005. Prairie grouse population response to Conservation Reserve Program grasslands: an overview. Pp. 120-128 *in*: Allen, A. W., and M. W. Vandever (eds.) The Conservation Reserve Program –planting for the future: Proceedings of a National Conference, Ft. Collins, CO., June 6-9, 2004. U. S. G. S., Biol. Resources Div., Sci. Investigative Rep. 2005-5145. 248pp.

Roersma, S. J. 2001. Nesting and brood-rearing ecology of Plains Sharp-tailed Grouse (*Tympanuchus phasianellus jamesi*) in a mixed grass/fescue ecoregion of southern Alberta. M. Sc. Thesis. University of Manitoba.

Rogers, G. E. 1969. The Sharp-tailed Grouse in Colorado. Colorado Game, Fish, Parks, Tech. Publ. 23. 94pp.

Rondeau, R., and K. Decker. 2010. Lesser Prairie Chicken habitat assessment, Comanche National Grasslands. Prepared for U. S. Forest Service. Colorado Natural Heritage Program, Colorado State University. 22pp.

Rosenquist, E. L. 1996. Winter aspects of prairie chicken ecology in northwest Minnesota. M. Sc. Thesis. St. Cloud University, St. Cloud, Minn.

Ross, J. D. 2011. The evolutionary history, demographic independence and conservation status of two North American prairie bird species: The Greater Prairie Chicken and the Lark Sparrow. Ph. D. Dissertation. Bowling Green State University. 162pp.

Ross, J. D., A. D. Arndt, R. F. C. Smith, J. A. Johnson, and J. L. Bouzat. 2006. Re-examination of the historic range of Greater Prairie Chicken using provenance data and DNA analysis of museum collections. Conservation Genetics 7:735-751.

Rowan, W. 1926. Comments on two hybrid grouse and on the occurrence of *Tympanuchus americanus americanus* in the province of Alberta. Auk 43:333-336.

Rubin, C. S. 1994. Survival, movements, and habitat use of female Greater Prairie-Chickens translocated from Minnesota to Illinois. MS Thesis. Univ. Illinois, Urbana.

Rumble, M. A., J. A. Newell, and J. E. Toepfer. 1988. Diets of Greater Prairie-Chickens on the Sheyenne National Grasslands, North Dakota. Pp. 49-54 *in* Prairie-Chickens on the Sheyenne National Grasslands (A. J. Bjugstad, ed.). US Dep. Agric., For. Serv., Gen Tech. Rep. RM-159.

Runia, T. J. 2009. Influence of the Conservation Reserve Program and landscape composition on the spatial demographics of prairie grouse in northeastern South Dakota. M. Sc. Thesis. South Dakota State University. 85pp. (Sharp-tailed Grouse, Greater Prairie-Chicken).

Ruos, J. L. 1967. Age determination of juvenile hand-reared Prairie Sharp-tailed grouse. Presented at the Prairie Grouse Techinical Council Conference, Sep. 13, 1967, Effingham, IL.

Ryan, M. R., L. W. Burger, D. P. Jones, and A. P. Wywialowski. 1998. Breeding ecology of Greater Prairie-Chickens (*Tympanuchus cupido*) in relation to prairie landscape configuration. American Midland Naturalist 140:111-121.

Ryke, N. 1995. Assessment of the effects of livestock grazing on the Lesser Prairie-Chicken and it's habitat on the Comanche National Grassland. USDA Forest Service.

S., W. 1928. Gross on the Heath Hen. Auk 45:392-393.

S., W. 1935. Snyder on the Sharp-tailed Grouse. Auk 52:477-478.

Saab, V. A., and J. S. Marks. 1992. Summer habitat use by Columbian Sharp-tailed Grouse in southeastern Idaho. Great Basin Naturalist 52:166-173.

Salter, G. C., and R. J. Robel. 2000. Capturing Lesser Prairie-Chickens on leks during fall. Transactions of the Kansas Academy of Science 103:46-47.

Salter, G. C., R. J. Robel, and K. E. Kemp. 2005. Lesser Prairie-Chicken use of harvested corn fields during fall and winter in southwestern Kansas. Prairie Naturalist 37:1-9.

Sanderson, G. C., and W. R. Edwards. 1966. Efforts to prevent the extinction of the prairie chicken in Illinois. Transactions of the Illinois Academy of Science 59:326-333.

Sanderson, G. C., R. L. Westemeier, and W. R. Edwards. 1973. Acquisition and management of prairie chicken sanctuaries in Illinois. Pp.59-79. *In* The prairie chicken in Minnesota (W. D. Svedarsky and T. J. Wolfe, eds.). University of Minnesota, Crookston.

Sands, A. 1996. Columbian Sharp-tailed Grouse and Sage Grouse: Ecosystem health

indicators? (Abstract). *In* Twentieth Western States Sage and Columbian Sharp-tailed Grouse Workshop Transactions (O. O. Oedekovin, ed.). Gillette, Wyoming.

Sands, J. L. 1968. Status of the Lesser Prairie Chicken. Audubon Field Notes. 22:454-456.

Sandys, E., and T. S. Van Dyke 1902. Upland Game Birds. McMillan.

Saunders, G. B. 1935. Michigan studies of sharptail grouse. Trans. Am. Game Conf., pp. 342-344.

Saunders, W. E. 1910. Pinnated Grouse in southern Ontario. Auk 27:79.

Sauer, J. R., S. Orsillo, and B. G. Peterjohn. 1994. Population status and trends of grouse and prairie-chickens from the North American Breeding Bird Survey and Christmas Bird Count. Trans. No. Am. Wildl. Natur Resor. Conf. 59:439-448.

Schiller, R. W. 1971. Studies of Sharp-tailed Grouse nesting and brood habitat selection. Minn. Game Res. Q. 31(1):33-41.

Schiller, R. J. 1973. Reproductive ecology of female Sharp-tailed Grouse (*Pedioecetes phasianellus*) and its relationship to early plant succession in northwestern Minnesota. PhD Dissertation. Univ. Minn.

Schmidt, A. P. 1980. The ecology of Sharp-tailed Grouse during winter in Saskatchewan. M. Sc. Thesis. Univ. Alberta.

Schmidt, A. 1987. The Greater Prairie Chicken in Saskatchewan. Page 221 in G.L. Holroyd, W.B. McGillivray, P.H.R. Stepney, D.M. Ealey, G.C. Trottier, and K.E. Eberhart, eds. Proc. Workshop Endangered Species in the Prairie Provinces. Prov. Mus. Alta. Nat. Hist. Occas. Pap. No. 9.

Schmidt, F. J. W. 1936. Winter food of the Sharp-tailed Grouse and pinnated grouse in Wisconsin. Wilson Bull. 48:186-203.

Schmidt, R. A. 1980. Prairie chicken dominated Sharp-tailed Grouse interaction. Prairie Nat. 12:13-14.

Schneider, J. W. 1994. Winter feeding and nutritional ecology of Columbian Sharp-tailed Grouse in Southeastern Idaho. M. S. Thesis. Univ. Idaho.

Schoen, L. 2000. Attwater's prairie chicken recovery program. A brief history from the Houston Zoo. American Zoo and Aquarium Association Regional Conference Proceedings 2000:83-84.

Schorger, A. W. 1943. The Prairie-Chicken and Sharp-tailed Grouse in early Wisconsin. Transactions of the Wisconsin Academy of Science, Arts and Letters 35:1-59.

Schroder, T. A., and A. B. Erickson. 1944. Prairie chickens and sharptails. Conserv. Volunteer 7(40):33-37.

Schroeder, M. A. 1990. Movement and dispersion of Greater Prairie-chickens in northeastern Colorado. PhD Dissertation.

Schroeder, M. A. 1991. Movement and lek visitation by female Greater Prairie-chickens in relation to predictions of Bradbury's female preference hypothesis of lek evolution. Auk 108:896-903.

Schroeder, M. A. 1993. Productivity and habitat use of Sharp-tailed Grouse in North-central Washington. 1992 Report. Washington Department of Wildlife. 6pp.

Schroeder, M. A. 1994. Productivity and habitat use of Columbian Sharp-tailed Grouse in north-central Washington. Progress Report, Washington Department of Fish and Wildlife.

Schroeder, M. A., and R. K. Baydack. 2001. Predation and the management of prairie grouse. Wildlife Society Bulletin 29:24-32.

Schroeder, M. A., and C. E. Braun. 1991. Walk-in traps for capturing Greater Prairie-chickens on leks. Journal of Field Ornithology 62:378-385.

Schroeder, M. A., and C. E. Braun. 1992. Seasonal movement and habitat use by Greater Prairie-chickens in northeastern Colorado. Colorado Div. Wildl., Spec. Rep. 68.

Schroeder, M. A., and C. E. Braun. 1992. Lek persistence and attendance of male Greater Prairie-chickens in north-eastern Colorado. Wilson Bulletin 104:273-284.

Schroeder, M. A., and C. E. Braun. 1992. Greater Prairie-Chicken attendance at leks and stability of leks in Colorado. Wilson Bulletin 104:273-284.

Schroeder, M. A., and C. E. Braun. 1993. Partial migration in a population of Greater Prairie-Chickens in northeastern Colorado. Auk 110:21-28.

Schroeder, M. A., K. M. Giesen, and C. E. Braun. 1992. Use of helicopters for estimating numbers of Greater and Lesser Prairie-Chicken leks in eastern Colorado. Wildl. Soc. Bull. 20:106-113.

Schroeder, M.A., D. W. Hays, M. A. Murphy, and J. D. Pierce. 2000. Changes in the distribution and abundance of Columbian Sharp-tailed Grouse in Washington.

Reprinted from Northwestern Naturalist 81:95-103.

Schroeder, M. A., and L. A. Robb. 1993. Greater Prairie-Chicken. The Birds of North America, No. 36.

Schroeder, M. A., and G. C White. 1993. Dispersion of Greater Prairie Chicken nests in relation to lek location: evaluation of the hot-spot hypothesis of lek evolution. Behav. Ecol. 4:266-270.

Schulz, J., and J. Kobriger. 2001. Tundra Prairie Chickens (*Tympanuchus toepferii*). Boom! 39(1):4.

Schumacher, C., and J. N. Krull. 1980. Bibliography on the Greater Prairie Chicken (*Tympanuchus cupido pinnatus*). Final Report. Project No. E-1-8, Mich. Dep. Natural Resources., USFWS.

Schwartz, C. W. 1944. The prairie chicken in Missouri. Missouri Conservation Commission 179pp.

Schwartz, C. W. 1945. The ecology of the prairie chicken in Missouri. Univ. Missouri Studies. 20:1-99.

Schwilling, M. 1955. Study of Lesser Prairie Chicken in southwest Kansas. Kansas Fish and Game 12:10-12.

Schwilling, M. D. 1955. A study of the Lesser Prairie Chicken in Kansas. Job Completion Report. KS Forestry, Fish, and Game Commission.

Schwilling, M. D. 1960. Effect of grazing on prairie chicken nesting. Presented at the Third Annual National Prairie Chicken Conference, Stevens Point, WI, Sep 8-10, 1960. 7pp.

Scott, J. W. 1944. A study of the comparative behavior of three species of grouse. J. of the Colorado-Wyoming Acad. of Sci. 4:58-59.

Scott, J. W. 1950. A study of the phylogenetic or comparative behavior of three species of grouse. Annals New York Acad. Sci. 51:1062-1073.

Scott, M. 2002. The first, annual, High Plain Prairie Chicken Festival. Grouse Partnership News 3:28-29.

Seal, U.S. 1994. Attwater's prairie chicken: population and habitat viability assessment. Captive Breeding Specialist Group, Apple Valley, Minn. 80pp.

Sedivec, K. K., T. A. Messner, W. T. Barker, K. F. Higgins, and D. R. Hertel. 1990. Nesting success of upland nesting waterfowl and Sharp-tailed Grouse in

specialized grazing systems in south-central North Dakota. USDA For. Serv. Gen Tech. Rep. RM-194, Ft. Collins, CO.

Sell, D. L. 1979. Spring and summer movements and habitat use by Lesser Prairie Chicken females in Yoakum County, Texas. MS Thesis. Texas Tech. Univ., Lubbock.

Septon, G. 2004. A brief history of the Society of Tympanuchus Cupido Pinnatus, Ltd. Grouse Partnership News 5:26-28.

Sexton, D. A. 1979. Breeding season movements and habitat use of female Sharp-tailed Grouse. M. Sc. Thesis. University of Manitoba. 152pp.

Sexton, D. A. 1979. Off-lek copulation in Sharp-tailed Grouse. Wilson Bull. 91:150-151.

Sexton, D. A., and M. M. Gillespie. 1979. Effects of fire on the location of a Sharp-tailed Grouse arena. Can. Field-Naturalist. 93:74-76.

Sharpe, R. S. 1968. The evolutionary relationships and comparative behavior of prairie chickens. PhD Dissertation. Univ. Nebr., Lincoln. 230pp.

Sharpe, R. S., and J. Skoudlin. 1989. Post-settlement demography of prairie chickens (*Tympanuchus*) in North America. Acta Universitatis Carolinae Environmentalica 2:53-62.

Shelford, V. E., and R. E. Yeatter. 1955. Some suggested relations of prairie chicken abundance to physical factors, especially rainfall and solar radiation. J. Wildl. Manage. 19:235-242.

Shetter, D. S. 1939. Note on the speed of flight of the prairie chicken. Wilson Bull. 51:46.

Shochat, E, M. A. Patten, D. H. Wolfe, and S. K. Sherrod. Submitted. Nest thermoregulation and nest attentiveness in Greater and Lesser Prairie-Chickens. Submitted to J. Field Ornithol.

Shoemaker, H. H. Recent progress in rearing and restocking Greater Prairie Chickens in Illinois.

Shoemaker, H. H. 1961. Rearing of young prairie chickens in captivity. Illinois Wildlife, 16(4):

Shoemaker, H. H. 1964. Report on studies of captive prairie chickens. Illinois Wildlife 19(3):

Shoemaker, H. H., and S. Etter. 1962. Behavior of the Greater Prairie Chicken, *Tympanuchus cupido pinnatus*. American Zoologist 2:449.

Shoup, J. M. 2005. Prairie dance. Kansas Wildlife and Parks. May/June 2005. 62(3):2-8.

Sidle, J. G. 2005. In my opinion: Grousing and grazing on National Grasslands. Wildl. Soc. Bull. 33:1139-1144.

Silvy, N. J. 1968. Movements, monthly ranges, reproductive behavior, and mortality of radio-tagged Greater Prairie Chickens (*Tympanuchus cupido pinnatus*). MS Thesis, KSU, Manhattan, KS.

Silvy, N. J. 1996. Research on Attwater's Prairie Chicken by Texas A&M University – 1975-95. American Zoo and Aquarium Association Regional Conference Proceedings 1996:793-799.

Silvy, N. 2001. On the brink of extinction: the Attwater's Prairie-Chicken. Grouse Partnership News. 2:14-15.

Silvy, N. J. 2006. In my opinion: shinnery oak is not a requirement for Lesser Prairie Chicken habitat. Managing Wildlife in the Southwest 2006:138-142.

Silvy, N. J., C. P. Griffin, M. A. Lockwood, M. E. Morrow, and M. J. Peterson. 1997. The Attwater's Prairie Chicken- a lesson in conservation biology research. Pp. 153-162 in *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Silvy, N. J., and C. A. Hagen. 2004. Introduction: Management of imperiled prairie grouse species and their habitat. Wildl. Soc. Bull. 32:2-5.

Silvy, N. J., and R. S. Lutz. 1978. Attwater's Prairie Chicken response to petroleum development. Caesar Kleberg Res. Program in Wildl. Ecol., Coll. Agric., Texas A&M Univ., College Station. 69pp.

Silvy, N. J., and M. E. Morrow. 1988. Diminishing prairies and their effects on the endangered Attwater's Prairie-Chicken. Proc. 10th. N. A. Prairie Conference (1986).

Silvy, N. J., M. J. Peterson, and R. R. Lopez. 2004. The cause of the decline of pinnated grouse: the Texas example. Wildl. Soc. Bull. 32:16-21.

Silvy, N. J., and R. J. Robel. 1967. Recordings used to help trap booming Greater Prairie Chickens. Journal of Wildlife Management 31:370-373.

Silvy, N. J., and R .J. Robel. 1968. Mist nets and cannon nets compared for capturing

prairie chickens on booming grounds. Journal of Wildlife Management 32:175-178.

Simpson, S. A. 1984. Seasonal lekking behavior of the Greater Prairie-Chicken in Illinois. M. S. Thesis. Eastern Illinois Univ.

Sisson, L. H. 1975. Recommendations for management of Sharp-Tailed Grouse in the Nebraska Sandhills. Nebraska Game and Parks Commission. Pittman-Robertson Projects W-33-R and W-38-R. 7pp.

Sisson, L. 1976. The Sharp-tailed Grouse in Nebraska. Neb. Game and Parks Comm., Lincoln. 88pp.

Sjogren, S. J. 1996. Seasonal habitat utilization and home range size of Prairie Sharp-tailed Grouse in the Hiawatha National Forest, Michigan. M. S. Thesis. Northern Michigan Univ.

Skinner, R. M. 1977. A comparison of grassland structure and prairie chicken use in Missouri. Proc. Prairie Grouse Tech. Counc. 12:12.

Skuldt, L. 2007. Central Wisconsin Prairie Chicken census 2007. Wisconsin Department of Natural Resources. 9pp.

Smith, B. H. 2003. Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) parasite survey and nest habitat study. M. S. Thesis. Univ. New Mexico.

Smith, B.H., D.W. Duszynski, and K. Johnson. 2003. Survey for Coccidia and Haemosporidia in the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) from New Mexico with the description of a new Eimeria species. Journal of Wildlife Diseases, 39(2) pp. 347-353.

Smith, L., and R. Smith. 1999. Cimarron National Grassland Lesser Prairie-Chicken lek survey report. Unpublished report on file at the Cimarron National Grasslands Ranger District Office, Elkhart, Kansas.

Smith, R. A. 1979. Fall and winter habitat of Lesser Prairie chickens in southeastern New Mexico. NM State Univ., Las Cruces. 71pp.

Snyder, J. W. 2001. Restoration of Columbian Sharp-tailed Grouse into northeastern Oregon. PhD Dissertation. OR State Univ.

Snyder, J. W., E. C. Pelren, and J. A. Crawford. 1999. Translocation histories of prairie grouse in the United States. Wildlife Society Bulletin 27:428-432.

Snyder, L. L. 1935. A study of Sharp-tailed Grouse. Univ. Toronto Studies Biol. Ser. 40., 66pp.

Snyder, L. L. 1939. Great-Plains races of Sharp-tailed Grouse. Auk 56:184-185.

Snyder, L. L., and H. G. Lumsden. 1935. A revision of the Sharp-Tailed Grouse with a description of a new race. Occasional Papers of the Royal Ontario Museum of Zoology 2:1-9.

Snyder, W. A. 1967. Lesser Prairie Chicken. Pp. 121-128 *in* New Mexico Wildlife Management. NM Dep. Game and Fish, Santa Fe.

Snyder, W. D. 1997. Sandsage-bluestem prairie renovation to benefit prairie grouse. CO Div. Wildl. Spec. Rep. No. 71. 42pp.

Soule, M. E., and L. S. Mills. 1998. No need to isolate genetics. Science 282:1658-1659.

Sparks, K. K. 2008. Relationships between landscape composition and lek stability for Greater Prairie-Chicken in Missouri. M.Sc. Thesis. University of Central Missouri. 61pp.

Sparling, D. W. 1976. Prairie chicken killed by goshawk. Loon 46:191-192.

Sparling, D. W. 1976. Communication and reproductive isolating mechanisms in Greater Prairie Chickens and Sharp-tailed Grouse. Pp. 813-820 *in* National Geographic Society Research Reports-1976 Projects.

Sparling, D. W. 1979. Reproductive isolating mechanisms and communication in Greater Prairie Chickens (*Tympanuchus cupido*) and Sharp-tailed Grouse (*Pedioecetes phasianellus*). Ph.D. dissertation, Univ. N. Dakota, Grand Forks. 238pp.

Sparling, D. W. 1979. Restoration of the Greater Prairie Chickens in southwestern Illinois. Coop. Wildl. Research Lab., Southern Illinois Univ., Carbondale. 20pp.

Sparling, D. W., Jr. 1979. Evidence for vocal learning in prairie grouse. Wilson Bull. 91:618-621.

Sparling, D. W., Jr. 1980. Hybridization and taxonomic status of Greater Prairie-Chickens and Sharp-tailed Grouse (hybridization in grouse). Prairie Nat. 12:92-101.

Sparling, D. W., Jr. 1981. Communication in prairie grouse: I. Information content and intraspecific functions of principle vocalizations. Behav. Neural. Biol. 32:463-486.

Sparling, D. W., Jr. 1981. Communication in prairie grouse: II. Ethological isolating

mechanisms. Behav. Neural. Biol. 32:487-503.

Sparling, D. W., Jr. 1983. Quantitative analysis of prairie grouse vocalizations. Condor 85:30-42.

Sparling, D. W., JR., and W. D. Svedarsky. 1978. Responses of prairie grouse to avian and mammalian visitors on display grounds in northwestern Minnesota. Prairie Naturalist 10:17-22. (Greater Prairie-Chicken, Sharp-tailed Grouse).

Spaulding, A. W., K. E. Mock, M. A. Schroeder, and K. I. Warheit. 2006. Recency, range expansion, and unsorted lineages: complications for interpreting neutral genetic variation in the Sharp-tailed Grouse (*Tympanuchus phasianellus*). Mol. Ecol. 15:2317-2332.

Spenser, W. 1982. Lek formation of Sharp-tailed Grouse near Rengleng River, N.W.T. Northwest Territories Wildlife Service. File Report no. 25. 14pp.

Spomer, R. 1987. In sharp decline: the Columbian Sharp-tailed Grouse. Nature Conservancy News 37(4):13-17.

Stabler, R. M. 1978. *Plasmodium* (Giovannolaia) *pedioecetii* from the Lesser Prairie Chicken, Tympanuchus pallidicintus. J. Parasitol. 64:1126-1135.

Stabler, R. M., and N. J. Kitzmiller. 1976. *Plasmodium* (*Giovannolaia*) *pedioecetii* from gallinaceous birds of Colorado. J. Parasitol. 62:539-544.

Stabler, R. M., and G. C. Miller. 1984. *Plasmodium pedioecetii* in Greater Prairie-Chickens, *Tympanuchus cupido* (Linneaus), from Colorado. J. Parasitology 70:1010-1011.

Starkey, E.E., and R.A. Schnoes. 1979. The Columbian Sharptailed Grouse: with special reference to their potential reintroduction to Lava Beds National Monument. Natl. Park Serv. Trans. and Proc. Ser. 5:497-500.

Stearns, F. D. 1968. Sharp-tailed Grouse density in east-central Colorado related to selected habitat factors. M. Sc. Thesis. Colorado State University 133pp.

Stempel, M. E., and S. Rodgers. 1961. History of prairie chickens in Iowa. Proc. Iowa Acad. Sci. 68:314-322.

Stoley, M. M. 2002. Microsatellite analysis of genetic variability in historic and extant populations of Attwater's Prairie-Chicken, Tympanuchus cupido attwateri (Texas). MS Thesis. Tarleton State Univ. 62pp.

Stolzenburg, W. 2006. Dancing on the edge. Nature Conservancy Magazine. Spring 2006: pp 44-50.

Stone, J. 1998. Decline factors in Oklahoma's prairie chickens. Paper presented at 1998 SRM meeting, Guadalajara, Mexico.

Stralser, T. 1991. A description of habitats surrounding Columbian Sharp-tailed Grouse leks in Lincoln County, Washington. M. S. Thesis. Eastern Washington Univ.

Strecker, L. S. 1973. Aging juvenile Sharp-tailed Grouse from plumage characteristics. M. S. Thesis. Michigan Tech. Univ.

Sullivan, R. M., J. P. Hughes, and J. E. Lionberger. 2000. Review of the historical and present status of the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) in Texas. Prairie Naturalist 32: 178-188.

Suminski, H. R. 1977. Habitat evaluation for Lesser Prairie-chickens in eastern Chaves County, New Mexico. MS Thesis. NM State Univ., Las Cruces.

Sutton Avian Research Center. 2000. Final Report, New Mexico Lesser Prairie-Chicken Project 2000. 43 pp.

Sutton, G. M. 1964. On plumages of the young Lesser Prairie Chicken. Southwest. Nat. 9:1-5.

Sutton, G. M. 1968. The natal plumage of the Lesser Prairie-Chicken. Auk 85:679.

Sutton, G. M. 1977. The Lesser Prairie Chicken's inflatable neck sacs. Wilson Bull. 89:521-522.

Svedarsky, W. D. 1977. Roadside nesting by prairie grouse in northwest Minnesota. Prairie Nat. 9:41-42.

Svedarsky, W. D. 1979. Spring and summer ecology of female Greater Prairie-Chickens in northeastern Minnesota. Ph.D. Dissertation, Univ. North Dakota, Grand Forks.

Svedarsky, W. D. 1980. Juvenile prairie chicken predation by marsh hawk. Raptor Research. 14:31-32.

Svedarsky, W. D. 1981. Goshawk kills prairie-chicken on booming ground in northwest Minnesota. Loon 52:112-113.

Svedarsky, W. D. 1983. Reproductive chronology of Greater Prairie-Chickens in Minnesota and recommendations for censusing and nest searching. Prairie Nat. 15:120-124.

Svedarsky, W. D. 1988. Reproductive ecology of female Greater Prairie-Chickens in

Minnesota. Pp. 193-239 in Adaptive strategies and population ecology of northern grouse, Vol. I (A.T. Bergerud and M.W. Gratson, eds.). Univ. Minn. Press, Minneapolis.

Svedarsky, W. D. 1999. An overview: The Minnesota Prairie Chicken Society. Pp. 9-24 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Fier, and N. J. Silvy, *eds*.).

Svedarsky, W. D., R. H. Hier, and N. J. Silvy. 1999. The Greater Prairie Chicken: A national look. Minn. Agricultural Experiment Station, Univ. Minn. Misc Publ. 99-1999. 187pp.

Svedarsky, W. D., and R. J. Kalahar. 1980. Female Sharp-tailed Grouse copulates with Greater Prairie-Chicken in Minnesota. Wilson Bull. 92:260-261.

Svedarsky, W. D., J. E. Toepfer, R. L. Westemeier, and R. J. Robel. 2003. Effects of management practices on grassland birds: Greater Prairie-Chicken. Northern Prairie Wildlife Research Center, Jamestown, ND.

Svedarsky, W. D., R. J. Oehlenshlager, and T. D. Tonsager. 1982. A remnant flock of Greater Prairie Chickens in north central Minnesota. Loon 54:5-12.

Svedarsky, W. D., and G. L. Van Amburg. 1996. Integrated management of the Greater Prairie-Chicken and livestock on the Sheyenne National Grasslands. Northwest Experimental Station, Univ. Minn., Crookston. 243 pages.

Svedarsky, W. D., and E. Weiland. 1985. The Prairie Chicken in Minnesota. The Minnesota Prairie Chicken Society. 13pp.

Svedarsky, W. D., R. L. Westermeier, R. J. Robel, S. Gough, and J. E. Toepfer. 2000. Status and management of the Greater Prairie-Chicken in North America. Wildl. Biol. 6:277-284.

Svedarsky, W. D., and T. Wolfe (Eds.). 1973. The prairie chicken in Minnesota. Univ. Minnesota, Crookston. 102pp.

Svedarsky, W. D., and T. Wolfe. 1980. The status and management of Greater Prairie Chickens in Minnesota. P.85 *in* Proceedings Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). OSU, Stillwater.

Svedarsky, W. D., T. J. Wolfe, and J. E. Toepfer. 1997. The Greater Prairie-Chicken in Minnesota. Dep. Nat. Resour., Minnesota Wildl Rep. 11., St. Paul. 19pp.

Svedarsky, W. D., T. J. Wolfe, and J. E. Toepfer. 1999. Status and management of the Greater Prairie Chicken in Minnesota. Pp. 25-38 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Fier, and N. J. Silvy, *eds*.).

Swales, W. E. 1934. *Rhabdometra odiosa* (Leidy, 1887) Jones, 1929, a cestode parasite of *Pedioectes phasianellus* in Quebec. J. Parasitology 20:313-314.

Swanson, G. 1940. Food habits of the Sharp-tailed Grouse by analysis of droppings. J. Wildl. Manage. 4:432-436.

Swenson, J. E. 1985. Seasonal habitat use by Sharp-tailed Grouse, *Tympanuchus phasianellus*, on mixed-grass prairie in Montana. Can. Field-Naturalist 99:40-46.

Swenson, J. E., and R. L. Eng. 1984. Autumn weights of Plains Sharp-tailed Grouse in Montana. Prairie Naturalist 16:49-54.

Swenk, M. H., and L. F. Selko. 1938. Late autumn food of the Sharp-tailed Grouse in western Nebraska. J. Wildl. Manage. 2:184-189.

Symington, D. F., and T. A. Harper. 1957. Sharp-tailed Grouse in Saskatchewan. Saskatchewan Dep. Nat. Resources. Conservation Bull. No. 4. 24pp.

Taverner, P. A. 1927. Hungarian Partridge vs. Sharp-tailed Grouse. Canadian Field-Naturalist 41:147-149.

Taylor, J. S. 2000. Greater Prairie-Chicken in southeast Nebraska. An overview of population status and management considerations. Unpublished report, Nebraska Game and Fish Commission.

Taylor, M. A. 1978. Fall and winter movements and habitat use of Lesser Prairie Chickens. MS Thesis, Texas Tech Univ., Lubbock. 166pp.

Taylor, M. A. 1979. Lesser Prairie Chicken use of man-made leks. Southwest Nat. 24: 706-707.

Taylor, M. A., and F. S. Guthery. 1980. Dispersal of a Lesser Prairie Chicken. Southwest. Nat. 25: 124-125.

Taylor, M. A., and F. S. Guthery. 1980. Status, ecology, and management of the Lesser Prairie-Chicken. U.S. For. Serv. Gen. Tech. Rep. RM-77. Rocky Mt. Forest and Range Exper. Sta., Fort Collins, CO.

Taylor, M. A., and F. S. Guthery. 1980. Fall-winter movements, ranges, and habitat use of Lesser Prairie-chickens. J. Wildl. Manag. 44:521-524.

Temple, S. A. 1992. Population viability analysis of a Sharp-tailed Grouse metapopulation in Wisconsin. Wildlife 2001: Populations, 750-758.

Thomas, V. G. 1984. Winter diet and intestinal proportionsof Rock Ptarmigan *Lagopus*

mutus and Willow Ptarmigan *Lagopus lagopus* and Sharp-tailed Grouse *Tympanuchus phasianellus* in Ontario Canada. Can. J. Zool. 62:2258-2263.

Thomas, V. G. 1987. Similar winter energy strategies of grouse, hares and rabbits in northern biomes. Oikos 50:206-212.

Thompson, B. H. Jr. 1999. People or prairie-chickens: the uncertain search for optimal biodiversity. The Standford Law Review 51:1127-1185.

Thompson, D. Q. 1959. Our investment in the prairie chicken… Passenger Pigeon 21:51-57.

Thompson, K. M. 2003. Factors affecting depredation of artificial Sharp-tailed Grouse (*Tympanuchus phasianellus*) nests in Chippewa County, Michigan. M. S. Thesis. Michigan Tech. Univ.

Tirhi, M. J., and D. W. Hays. 1997. Washington State status report for the Sharp-tailed Grouse. Wash. Dept. Fish and Wildl. 59pp.

Toepfer. J. E. 1976. Movements and behavior of transplanted radio-tagged prairie chickens in Wisconsin. MS Thesis, Univ. Wisconsin, Stevens Point.

Toepfer, J. E. 1979. Reintroduction of prairie chickens into the Crex Meadow Wildlife Area, Burnett County, Wisconsin. Univ. Wisc., Steven's Point. 5pp.

Toepfer, J. E. 1988. Ecology of the Greater Prairie-chicken as related to reintroduction. PhD dissertation. MT State Univ., Bozeman, MT.

Toepfer, J. 2001. Large booming grounds vs. small booming grounds. Boom! 39(1):1-2, 6.

Toepfer, J. E. 2002. Prairie Chickens and Grasslands: 2000 and Beyond – An interim progress report with management recommendations. Prepared for the Society of Tympanuchus Cupido Pinnatus, Ltd. 20pp.

Toepfer, J. E., and R. L. Eng. 1988. Winter ecology of the Greater Prairie-Chicken on the Sheyenne National Grasslands, North Dakota. Pp. 32-48 *in* Prairie-Chickens on the Sheyenne National Grasslands (A. J. Bjugstad, ed.). US Dep Agric., For. Serv., Gen. Tech. Rep. RM-159.

Toepfer, J. E. 2007. Status and management of the Greater Prairie-Chicken in Wisconsin - 2006. Passenger Pigeon 69:259-288.

Toepfer, J. E., R. L. Eng, and R. K. Anderson. 1990. Translocating prairie grouse: what have we learned? Trans. No. Am. Wildl. Conf. 55:569-579.

Toepfer, J. E., J. A. Newell, and J. Monarch. 1988. A method for trapping prairie grouse hens on display grounds. Pp. 21-23 *in* Prairie-Chickens on the Sheyenne National Grasslands (A. J. Bjugstad, ed.). US Dep Agric., For. Serv., Gen. Tech. Rep. RM-159.

Toepfer, J. E., and G. Septon. 2003. Prairie Chickens and grasslands: 2000 and beyond. A report to the Council of Chiefs. Society of Tympanuchus Cupido Pinnatus, Ltd. 69pp.

Toland, B. 1985. Northern Harrier predation of Greater Prairie-Chickens in southwest Missouri. J. Raptor Research. 19:146-148.

Toney, T. E. 1980. Foods of prairie chicken on managed native prairie. Pp.81-84 *in* Proceedings Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). OSU, Stillwater.

Toole, B. E. 2005. Survival, seasonal movements, and cover use by Lesser Prairie Chickens in the Texas Panhandle. MS Thesis. TX A&M Univ., College Station.

Trippensee, R. E. 1948. Prairie chickens, sharptails, and Sage Grouse. Pp. 233-261. In Wildlife Management, Vol. I (R. E. Trippensee, ed.). McGraw-Hill Book Company, New York.

Trobec, R. J. 1970. Effects of testosterone propionate implantation on lek behavior of the Sharp-tailed Grouse (*Pedioecetes phasianellus*). M. S. Thesis. Univ. North Dakota.

Trobec, R. J., and L. W. Oring. 1970. Effects of testosterone proprionate implantation on lek behavior of sharp-tailed Grouse. American Zoologist 10:484-???.

Trobec, R. J., and L. W. Oring. 1972. Effects of testosterone propionate implantation on lek behavior of Sharp-tailed Grouse. Am. Midland Naturalist 87:531-536

Tselepidakis, E. 2007. Conservation solutions: the case of the Greater Prairie-Chicken. Undergraduate Senior Honors Thesis. Washington University in St. Louis. 26pp.

Tsuji, L. J. S. 1992. Snowfall causes lek movement in the Sharp-tailed Grouse. Wils. Bull. 1-4:188-189.

Tsuji, L. J. S. 1996. Selective forces that act upon spacing behavior in the 'classical' lek; theory and tests using the Sharp-tailed Grouse. (*Tympanuchus phasianellus*). PhD Dissertation. York Univ.

Tsuji, L. J. S. 1996. Cree traditional ecological knowledge and science: a case study of the Sharp-tailed Grouse, *Tympanuchus phasianellus phasianellus*. Can. J. Native Studies 16:67-79.

Tsuji, L. J. S. 1996. Loss of Cree traditional ecological knowledge in the western James Bay region of northern Ontario, Canada: a case study of the Sharp-tailed Grouse, *Tympanuchus phasianellus phasianellus*. Can. J. Native Studies 16:283-292.

Tsuji, L. J. S. 1996. Do female Sharp-tailed Grouse, *Tympanuchus phasianellus*, copulate only once during a breeding season? Can. Field-Nat. 110:535.

Tsuji, L. J. S., and G. DeIuliis. 2003. Endoparasites of Northern Sharp-tailed Grouse, *Tympanuchus phasianellus phasianellus*, as related to age and position on the lek. Arctic 56:266-279.

Tsuji, L. J. S., G. DeIuliis, R. I. C. Hansell, D. R. Kozlovic, and M. B. Sokolowski. 2000. Non-random mating in classical lekking grouse species: season and diurnal trends. Internat. J. Biometeorology 44:134-140.

Tsuji, L. J. S., J. D. Karagatzides, and G. Deiluiis. 2001. Ectoparasites in lekking Sharp-tailed Grouse, Tympanuchus phasianellus. Can. Field Naturalist 115:210-213.

Tsuji, L. J. S., J. D. Karagatzides, and M. B. Sokolowski. 1995. Diet and internal anatomy of male Sharp-tailed Grouse, *Tympanuchus phasianellus*, as related to age and position on lek. Canadian Field Naturalist 109:433-436.

Tsuji, L. J. S., D. R. Kozlovic, and M. B. Sokolowski. 1992. Territorial positions in Sharp-tailed Grouse leks: The probability of fertilization. Condor 94:1030-1031.

Tsuji, L. J. S., D. R. Kozlovic, M. B. Sokolowski, and I. C. Hansell. 1994. Relationship of body size of male Sharp-tailed Grouse to location of individual territories on leks. Wilson Bull. 106:329-337.

Tsuji, L. J., E. Nieboer, J. D. Karagatzides, R. M. Hanning, and B. Katapatuk. 1999. Lead shot contamination in edibleportions of game birds and its dietary implications. Ecosystem Health 5:183-192.

Tully, R. J. 1976. Spring status of the Greater Prairie Chicken and other observations in the northern sandhills of Yuma Count, Colorado. Colorado Field Ornithologist 20:18-27.

Turner, H. 1981. Greater Prairie Chicken. Nebraska Bird Review 49(4):66.

Twedt, C. M. 1974. Characteristics of Sharp-tailed Grouse display grounds in the Nebraska Sandhills. Ph.D. Dissertation, Univ. Nebr., Lincoln. 78pp.

Uhlig, H. G., and W. H. Hamor. 1960. Land management for prairie chickens. US Dep. Agric., Soil Conserv. Serv., Leaflet BI-9.

Ulliman, M. J. 1995. Winter habitat ecology of Columbian Sharp-tailed Grouse in southeastern Idaho. MS Thesis. Univ. Idaho.

U. S. Fish and Wildlife Service. 1998. Twelve-month administrative finding on petition to list the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) as threatened. Oklahoma Ecological Services, USFWS, Tulsa, OK. 65pp.

U. S. Fish and Wildlife Service. 2008. Species assessment and listing priority assignment form: Lesser Prairie-Chicken. Oklahoma Ecological Services, USFWS, Tulsa, OK. 55pp.

U. S. Fish and Wildlife Service. 2010. Attwater's Prairie-Chicken Recovery Plan, Second Revision. Albuquerque, New Mexico. 106pp.

Utah Dept. Nat. Resources. 2002. Strategic management plan for Columbian Sharp-tailed Grouse 2002. UT DNR, Div. Wildl. Pub. No. 02-19. 39pp.

Van Caneghem, P. 2000. Histoire d'une extinction: le tetras cupidon *Tympanuchus cupido cupido* (L.). [History of extinction: the prairie chicken *Tympanuchus cupido cupido* (L.).] Aves Contact 36(1):5-7. (in French).

Van Den Bussche, R. A., S. R. Hoofer, D. A. Wiedenfeld, D. H. Wolfe, and S. K. Sherrod. 2003. Genetic variation within and among fragmented populations of Lesser Prairie-Chickens (*Tympanuchus pallidicinctus*). Molecular Ecology 12:675-683.

Van Sant, B. F., and C. E. Braun. 1990. Distribution and status of Greater Prairie-chickens in Colorado. Prairie Nat. 22:225-230.

Vanderschaegen, P. V. 1977. Status of Sharp-tailed Grouse in Wisconsin, 1975. Wisc. Dep. Nat. Resour. Res. Rep. 95. 10pp.

Vance, D. R. 1976. Changes in land use and wildlife populations in southeastern Illinois. Wildlife Society Bulletin 4:11-15. (Greater Prairie-Chicken).

Vance, D. R., and R. L. Westemeier. 1979. Interactions of pheasants and prairie chickens in Illinois. Wildl. Soc. Bull. 7:221-225.

Vance, J. M. 1996. The curse of the prairie chicken gods. Internet document. http://alloutdoors.com.

Verquer, T. L. 2007. Colorado Lesser Prairie-Chicken breeding survey 2007. Colorado Division of Wildlife. 5pp.

Vichmeyer, G. 1941. The present status of the Greater Prairie Chicken and Sharp-tailed Grouse in the sandhills region of Nebraska. Nebraska Bird Review 9(1):1-7.

Viers, C. E. 1967. Homerange and movements of the Greater Prairie-chicken with notes on activities. M.S. Thesis. K.S.U., Manhattan. 78pp.

Vodehnal, W. L. 1999. Status and management of the Greater Prairie Chicken in Nebraska. Pp. 81-98 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Vodehnal, W. L., and J. B. Haufler (Compilers). 2007. A grassland conservation plan for prairie grouse. North American Grouse Partnership. Fruita, CO. 284pp.

Vodehnal, B., A. Pierson, T. Doeden, and M. Schultz. 2008. Location of Sharp-tailed Grouse and Greater Prairie-Chicken display grounds in relation to NPPD Ainsworth Wind Energy Facility – 2006-2008. Annual Report, Nebraska Game and Parks Commission. 6pp.

Vodehnal, B., A. Pierson, T. Doeden, M. Schultz, and M. D. Blount. 2008. Location of Sharp-tailed Grouse and Greater Prairie-Chicken display grounds in relation to NPPD Ainsworth Wind Energy Facility – 2006-2009. Annual Report, Nebraska Game and Parks Commission. 8pp.

Vodehnal, B., A. Pierson, T. Doeden, M. Schultz, and M. D. Blount. 2010. Location of Sharp-tailed Grouse and Greater Prairie-Chicken display grounds in relation to NPPD Ainsworth Wind Energy Facility – 2006-2010. Annual Report, Nebraska Game and Parks Commission. 9pp.

Vogelsang, J. 1954. Save the prairie chicken! Passenger Pigeon 16:62-63.

Vogelsang, J. 1954. Prairie chicken survival threatened. Passenger Pigeon 16:143.

Vogelsang, J. 1955. Operation prairie chicken… Passenger Pigeon 17:60-63.

Vohs, P. A., and F. A. Knopf, eds. 1980. Proceedings of the prairie grouse symposium. Oklahoma State University, Stillwater. 66pp.

Wachob, D. G. 1997. The effects of the Conservation Reserve Program on wildlife in southeastern Wyoming. Ph. D. Dissertation. (Sharp-tailed Grouse).

Walk, J. W. 2004. A plan for the recovery of the Greater Prairie-Chicken in Illinois. University of Illinois and Illinois Department of Natural Resources. 64pp.

Walkinshaw, L. H. 1946. Some Prairie Chicken observations in southern Michigan. Jack Pine Warbler 24:87-90.

Wapple, G. J. 1977. Greater Prairie Chicken near Ruthilda, Saskatchewan. Blue Jay 35(2):91.

Ward, D. J. 1994. Ecological relationships of Columbian Sharp-tailed Grouse leks in Curlew National Grassland, Idaho, with special emphasis on effects of visibility. M. Sc. Thesis. Utah State University.

Warheit, K. I., and M. A. Schroeder. 2001. Genetic analysis of Columbian Sharp-tailed Grouse: A preliminary study. Final Report. Submitted to USDI BLM, Spokane, WA. Washington Department of Fish and Wildlife Contract No. 39001257. 16 pp.

Watkins, L. W. 1894. Prairie chicken and wild pigeon in Jackson County, Michigan, 1894. American Naturalist 28:934-936

Watkins, R. M. 1971. The propagation of the Attwater prairie chicken in captivity. M. Sc. Thesis, Texas A&M University, College Station. 38pp.

Watt, P. G. 1969. Mobility patterns, habitat relationships and reproductive success of Greater Prairie Chickens (*Tympanuchus cupido pinnatus*) in northeastern Kansas. M. Sc. Thesis. Kansas State University.

Watt, P. G. 1973. Sharp-tailed Grouse investigations: effects of gunning on population densities. Minnesota Game Research Quarterly 32(4):201-222.

Watt, P. G. 1973. Life history and behavior of Greater Prairie Chickens. Pp5-14 *in* The prairie chicken *in* Minnesota: Conference Proceedings, April 28, 1973 (W. D. Svedarsky and T. Wolfe, eds.).

Weddel, B. J. 1992. Results of Columbian Sharp-tailed Grouse lek surveys and searches in Douglas and Okanogan Counties, Washington, spring 1992. The Nature Conservancy. 23pp.

Weddel, B. J., L. Salzer, S. Johnston, and L. Cornelius. 1990. Columbian Sharp-tailed Grouse lek surveys in Douglas, Lincoln, and Okanogan Counties, Washington, Spring 1990. Nature Conservancy, Washington Field Office, 63pp.

Wedgewood, J. 1992. Tolerance of short-term disturbances by Sharp-tailed Grouse. Blue Jay 50:97-100.

Weeden, R. B. 1979. Relative heart size in Alaskan Tetraonidae. Auk 96:306-318.

Wells, D. G. 1981. Utilization of a northern Minnesota peatland by Sharp-tailed Grouse. M. Sc Thesis, University of Minnesota, St. Paul. 40pp.

West, G. D., M. M. Garner, and J. T. Raymond. 2002. Causes of mortality in Captive Attwater's Prairie-Chickens (*Tympanuchus cupido attwateri*) at the San Antonio Zoo, 1997-2000. Journal of Zoo and Wildlife Medicine 33:236-241.

West, G. D., and V. L. Haines. 2002. Hematology and serum biochemistry values of captive Attwater's Prairie-Chickens (*Tympanuchus cupido attwateri*). Journal of Zoo and Wildlife Medicine 33:122-124

Westemeier, R. L. 1969. Ecology and management of the prairie chickens in south-central Illinois. Job Progress Report, Project No. W-66-R-8, Job 9. 18pp.

Westemeier, R. L. 1971. Ecology and management of the prairie chickens in south-central Illinois. Job Progress Report, Project No. W-66-R-10, Job 9. 25pp.

Westemeier, R. L. 1971. The history and ecology of prairie chickens in central Wisconsin. University of Wisconsin, Research Division Research Bulletin 281. 66pp.

Westemeier, R. L. 1973. Prescribed burning in grassland management for prairie Chickens in Illinois. Proceedings of the Tall Timbers Fire Ecology Conference 12:317-338.

Westemeier, R. L. Illinois prairie chicken ecology and management investigations. Illinois Department of Conservation, P-R Report, Project W-66-R-19. 42pp.

Westemeier, R. L. 1980. Greater Prairie Chicken status and management, 1968-1979. Pp.8-17. In Proceedings of the Prairie Grouse Symposium (P. A. Vohs, and F. L. Knopf, eds.). Oklahoma State University, Stillwater.

Westemeier, R. L. 1984. Responses and impact by pheasants on prairie-chicken sanctuaries in Illinois: A synopsis. Pp.117-122 *in* Perdix III: Gray Partridge and Ring-necked Pheasant workshop (R. T. Dumke, R. G. Stiehl, and R. B. Kahl, eds.). Wisconsin Department of Natural Resources, Madison.

Westemeier, R. L. 1985. The history of prairie-chickens and their management in Illinois. Pp. 17-27 in R. W. McCluggage (ed), Selected Papers in Illinois History 1983. Fourth Annual Illinois History Symposium of the Illinois State Historical Society.

Westemeier, R. L. 1988. An evaluation of methods for controlling pheasants on Illinois prairie-chicken sanctuaries. Pp.267-288 *in* Pheasants: Symptoms of wildlife problems on agricultural lands (D. L. Hallet, W. R. Edwards, and G. V. Burger, eds.). North-Central Section, Wildlife Society, Bloomington, Indiana.

Westemeier, R. L. 1992. Prairie chicken egg exchanges. Illinois Natural History Survey Reports, 192:1-2.

Westemeier, R. L. 1997. Grassland for prairie chickens: How much is enough? Illinois Natural History Survey Reports, 343:1,8.

Westemeier, R. L., J. D. Brawn, S. A. Simpson, T. L. Esker, R. W. Jansen, J. W. Walk, E. L. Kershner, J. L. Bouzat, and K. N. Paige. 1998. Tracking and long-term decline and recovery of an isolated population. Science. 282:1695-1698.

Westemeier, R. L., and J. E. Buhnerkempe. 1983. Responses of nesting wildlife to prairie grass management on prairie chicken sanctuaries in Illinois. Pp.39-46 *in* Proceedings of the 8th North American Prairie Conference (R. Brewer, ed.). Western Michigan University, Kalamazoo.

Westemeier, R. L., J. E. Buhnerkempe, and J. D. Brawn. 1998. Effects of flushing nesting Greater Prairie-Chickens in Illinois. Wilson Bulletin 110:190-197.

Westemeier, R. L., J. E. Buhnerkempe, W. R. Edwards, J. D. Brawn, and S. A. Simpson. 1998. Parasitism of Greater Prairie-Chicken nests by Ring-necked Pheasants. Journal of Wildlife Management 62:854-863.

Westemeier, R. L., and W. R. Edwards. 1987. Prairie-chickens: Survival in the Midwest. Pp.119-131 *in* Restoring America's Wildlife (H. Kallman, C. P. Agee, W. R. Goforth, and J. P. Linduska, eds.). U. S. Fish and Wildlife Service, Washington, DC.

Westemeier, R. L., and S. Gough. 1999. National outlook and conservation needs for Greater Prairie Chickens. Pp. 169-187 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Westemeier, R. L., S. A. Simpson, and D. A. Cooper. 1991. Successful exchange of prairie-chicken eggs between nests in two remnant populations. Wilson Bulletin 103:717-720.

Westemeier, R. L., S. A. Simpson, and T. L. Esker. 1999**.** Status and management of Greater Prairie Chickens in Illinois. Pp. 143-152 *in* The Greater Prairie Chicken: A national look (W. D. Svedarsky, R. H. Hier, and N. J. Silvy, *eds*.).

Wetmore, A. 1936. The range of the Sharp-tailed Grouse in New Mexico. Condor 36:90.

Wetmore, P. W. 1939. A species of Plasmodium from Sharp-tailed Grouse infective to other birds. Journal of Wildlife Management 3:361-365.

Wick, W. Q. 1955. A recent record of the Sharp-tailed Grouse in Nevada. Condor 57:243.

Wiedenfeld, D. A., D. H. Wolfe, J. E. Toepfer, L. M. Mechlin, R. D. Applegate, and S. K. Sherrod. 2002. Survey for reticuloendotheliosis viruses in wild

populations of Greater and Lesser Prairie-Chickens. Wilson Bulletin 114:142-144.

Wiedenfeld, D. A., D. H. Wolfe, and S. K. Sherrod. 2001. New Mexico Lesser Prairie-Chicken Project 2001. Effects of shrub control and grazing on Lesser Prairie-Chicken reproductive success, year 1. Final Report to New Mexico Department of Game and Fish. G. M. Sutton Avian Research Center.

Wiedenfeld, D. A., D. H. Wolfe, and S. K. Sherrod. 2002. A study of factors affecting nesting success and mortality of Greater Prairie-Chickens in northeastern Oklahoma 1997-2000. Final Report to Oklahoma Department of Wildlife Conservation. G. M. Sutton Avian Research Center.

Wildearth Guardians. 2008. Lesser Prairie-Chicken: A decade in purgatory. A report on the thenth anniversary of the Lesser Prairie-Chicken's designation as a "candidate species" under the Endangered Species Act (June 9, 2008). 24pp.

Wildlife Habitat Management Institute. 1999. Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). Fish and Wildlife Management Leaflet No. 6. NRCS, WHMI, Madison, MS. 8pp.

Williams, B. 1993. A cooperative effort to recover the Attwater's Prairie Chicken (*Tympanuchus cupido attwateri*). American Zoo and Aquarium Association Regional Conference Proceedings 1993:376-381.

Williams, B. 1996. A review of Attwater's Prairie Chicken husbandry and management at Fossil Rim Wildlife Center. American Zoo and Aquarium Association Regional Conference Proceedings 1996:846-850.

Williams, B. A., and M. E. Morrow. 2003. Attwater's Prairie-Chicken release program: post-release monitoring and adaptive management. American Zoo and Aquarium Association Regional Conference Proceedings 2003:61-64.

Williams, C. K., A. R. Ives, R. D. Applegate, and J. Ripa. 2004. The collapse of cycles in the dynamics of North American grouse populations. Ecology Letters 7:1135-1142.

Williams, R. 1974. Sharp scrutiny and the Sharptail Grouse. Wyoming Wildlife 38(10):28-30.

Williamson, R. M. 2009. Impacts of oil and gas development on Sharp-tailed Grouse on the Little Missouri National Grasslands, North Dakota. M. Sc. Thesis. South Dakota State University. 104pp.

Williamson, H. G., G. B. Wint, and F. F. Copelin. 1962. Preliminary report on the first four years of the Oklahoma waterfowl and upland game harvest survey.

Proceedings of the Oklahoma Academy of Science 43:242-247.

Wilmore, S. L. 1996. Analysis of Greater Prairie Chicken open space requirements using a geographic information system. M. A. Thesis. St. Cloud State University.

Wilson, D. L. 1982. Nesting habitat of Lesser Prairie Chickens in Roosevelt and Lea Counties, New Mexico. M. Sc. Thesis, University of New Mexico, Las Cruces.

Wilson, R. 2004. Prairie Chicken success story. North Dakota Outdoors June 2004:2-6.

Wisconsin Dept. Nat. Resources. 1995. This wide horizon, A habitat preserved. Greater Prairie Chicken: A Wisconsin wildlife success story.

Wisconsin Dept. Nat. Resources. The Prairie Chicken in Wisconsin. Brochure

Wisdom, M. J. 1980. Nesting habitat of Lesser Prairie Chickens in eastern New Mexico. M. Sc. Thesis. University of New Mexico, Las Cruces.

Wisdom, M. J. 1998. Assessing life-stage importance and resourse selection for conservation of selected vertebrates. Ph. D. Dissertation. University of Idaho. 118pp.

Wisdom, M. J., and L. S. Mills. 1997. Sensitivity analysis to guide population recovery: prairie-chickens as an example. Journal of Wildlife Management 61:302-312.

Wisdom, M. J., L. S. Mills, and D. F. Doak. 2000. Life-stage simulation analysis: estimating vital-rate effects on population growth for conservation. Ecology 81:628-641.

Wise, S. 1986. The Sharp-tailed Grouse (*Tympanuchus phasianellus*). Wisc. Dep. Nat. Resources, Bur. Wildl. Manage. Publ.-WM-135. 4pp.

Wolfe, D. H. 2002. Living on the edge - Prairie-Chickens at risk. The Oklahoma Conservator. Summer 2002. pp4-5.

Wolfe, D. H. 2004. Greater Prairie-Chicken. Pages 114-115 in *Oklahoma Breeding Bird Atlas*, D.L. Reinking, ed. University of Oklahoma Press, Norman. 519 pp.

Wolfe, D. H. 2004. Lesser Prairie-Chicken. Pages 116-117 in *Oklahoma Breeding Bird Atlas*, D.L. Reinking, ed. University of Oklahoma Press, Norman. 519 pp.

Wolfe, D. H. 2006. Don't fence them in – for prairie-chickens, airspace is habitat, too. Grouse Partnership News. 7:20-21, 29.

Wolfe, D. H. 2007. Lesser Prairie-Chicken de-fence strategies. Grouse Partnership News 8:34-35.

Wolfe, D. H. 2010. Really big trees, but are they truly green? Grouse Partnership News 2010:10-11. (Lesser Prairie-Chicken).

Wolfe, D. H., C. E. Dixon, J. Weaver, W. Heck, and S. K. Sherrod. 2002. Shinnery oak experiment for Lesser Prairie-Chickens. Poster presented at 9th Annual TWS meeting. Abstract only.

Wolfe, D. H., M. A. Patten, and S. K. Sherrod. 2003. Factors affecting nesting success and mortality of Lesser Prairie-Chickens in Oklahoma. ODWC Fed. Aid. In Wildl. Restor. Proj. W-146-R Final Report. 23pp.

Wolfe, D. H., M. A. Patten, and S. K. Sherrod. 2009. Reducing grouse collision mortality by marking fences (Oklahoma). Ecological Restoration 27:141-143. (Lesser Prairie-Chicken).

Wolfe, D. H., M. A. Patten, E. Shochat, C. L. Pruett, and S. K. Sherrod. 2007. Causes and patterns of mortality in Lesser Prairie-Chickens and implications for management. Wildlife Biology 13 (Suppl. 1):95-104.

Wolfe, D. H., and S. K. Sherrod. 2002. Woody plant management for prairie grouse. Oral presentation at the Prairie Grouse Symposium, 9th Annual TWS meeting. Abstract only.

Wolfe, D. H., D. A. Wiedenfeld, S. K. Sherrod, D. L. Reinking, and L. C. Larsson. 2002. Prairie-Chicken Study handbook. G.M. Sutton Avian Research Center, Bartlesville, OK.

Wolfe, D. H., D. A. Wiedenfeld, and S. K. Sherrod. 2001. Greater Prairie-Chicken nest success in relation to burn treatment and proximity to burn edge in Oklahoma tallgrass prairie. Poster presented at 8th Annual TWS meeting, and 24th Bienniel PGTC meeting. Abstract only.

Wolfe, D. H., D. A. Wiedenfeld, S. K. Sherrod, and J. E. Toepfer. 2001. Improvements on the walk-in trap design for capturing prairie grouse. Poster presented at 8th Annual TWS meeting, and 24th Bienniel PGTC meeting. Abstract only.

Wolfe, T. 1977. Prairie Chicken inventory, 1977. Loon 49:228.

Wong, M. 2003. High spatial homogeneity in a sex-biased mating system: The breeding population structure of Greater Prairie-Chickens (*Tympanuchus cupido pinnatus*) in Kansas, Missouri, and Oklahoma. MS Thesis. Kansas State Univ.

Wood, B. 2009. Roping the wind – Q & A with senior biologist Don Wolfe. The Current, June 2009, 6(6):88-90. (Lesser Prairie-Chicken).

Woodcock, J. 1913. The Sharp-tailed Grouse in Manitoba. Bird Lore 15:291-293.

Woodward, A. J. 2001. A landscape-level evaluation of the Lesser Prairie-Chicken. M. S. Thesis. Oklahoma State Univ.

Woodward, A. J., S. D. Fuhlendorf, D. M. Leslie Jr., and J. Shackford. 2001. Influence of landscape composition and change on Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) populations. Am. Midland Naturalist 145: 261-274.

Yde, C. A. 1977. Distribution and movements of Sharp-tailed Grouse during spring and summer in relation to rest-rotation grazing. P-R Job Final Rep., Proj. W-120-R, Montana Fish Game dep., Helena. 70pp.

Yde, C., and B. Waage. 1996. The response of Sharp-tailed Grouse to coal mining in Montana. (Abstract). *In* Twentieth Western States Sage and Columbian Sharp-tailed Grouse Workshop Transactions (O. O. Oedekovin, ed.). Gillette, Wyoming.

Yeatter, R. E. 1937. A prairie chicken management program for Illinois. Illinois Conserv. 11:9-11.

Yeatter, R. E. 1943. The prairie chicken in Illinois. Illinois Nat. Hist. Survey Bull. 22:377-416.

Yeatter, R. E. 1949. What about prairie-chickens? Illinois Wildl. 5(1)6-7.

Yeatter, R. E. 1963. Population responses of prairie chickens to land-use changes in Illinois. Journal of Wildlife Management 27:739-757.

Yocom, C. F. 1952. Columbian Sharp-tailed Grouse (*Pedioecetes phasianellus columbianus*) in the state of Washington. American Midland Naturalist 48:185-192.

Yost, J. A. 2005. Colorado Lesser Prairie-Chicken breeding survey 2005. Colorado Division of Wildlife Annual Report, Denver, CO. 4pp.

Youngquist, B. E. 1973. The Northwest Agricultural Experiment Station and the prairie chicken—informal commentary. P. 39 *in* The prairie chicken in Minnesota: Conference Proceedings, April 28, 1973 (W. D. Svedarsky and T. Wolfe, eds.).

Youngworth, W. 1934. Changes in the habits of the prairie chicken. Wilson Bulletin 46:262-263.

Zavala, G., S. Cheng, T. Barbosa, and H. Haefele. 2006. Enzootic Reticuloendotheliosis in the endangered Attwater's and Greater Prairie Chickens. Avian Diseases 50:520-525.

Zeigler, D. L. 1979. Distribution and status of the Columbian Sharp-tailed Grouse in eastern Washington. Upland Game Investigations Completion Report, Project W-70-R-18, Washington Dep. Game. 26pp.

Zewadski, R. M. 1977. Pheasants compete with prairie chickens. Illinois Natural History Survey, Report No. 165.

General Grouse

Able, D. J. 1996. The contagion indicator hypothesis for parasite-mediated sexual selection. Proceedings of the National Academy of Science 93:2229-2233.

Adamic, M. 1982. The status of tetraonids and some efforts to create a conservation strategy in Slovenia, Yugoslavia. Pp. 75-80 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Addison, E. M., and R. C. Anderson. 1969. *Oxyspirura lumsdeni* n. sp. (Nematoda: Thelaziidae) from Tetraonidae in North America. Canadian Journal of Zoology 47:1223-1227.

Adley, F. E., and D. W. Brown. 1972. Mercury concentrations in game birds, State of Washington – 1970 and 1971. Pesticides Monitoring Journal 6:91-??.

Aldrich, J. W. 1963. Geographic orientation of American Tetraonidae. Journal of Wildlife Management 27:529-545.

Aldrich, J. W., and A. J. Duvall. 1955. Distribution of American gallinaceous game birds. USFWS Circ. 34:1-23.

Alert, B., and I. Storch. 2009. Does predation affect lekking behavior in grouse? A summary of field observations. Grouse News 38:30-32.

Allen, E. A. 1934. *Eimeria angusta* sp. nov. and *Eimeria bonasae* sp. nov. from grouse, with a key to the species of *Eimeria* in birds. Transactions of the American Microscopic Society 53:1-5.

Amanova, M. B., and N. M. Mamedova. 1993. The morphophysiological adaptations of the cecum of galliformes to vegetable food. Doklady Akademii Nauk 331(2):246-248.

Anderle, J. 1991. The grouse. Ziva 39(2):89-91.

Andreev, A. 1988. Ecological energetics of Palearctic tetraonidae in relation to chemical composition and digestibility oftheir winter diets. Canadian Journal of Zoology 66:1382-1388.

Angelstam, P. K. 1989. Population dynamics in Tetraonids: the role of extrinsic factors. Acta XIX Congress of International Ornithologists :2458-2477.

Anonymous. 1877. North American grouse. Scibner's Monthly Aug 1877, 14(4):417-431.

Armstrong, M. H., E. L. Braun, and R. T. Kimball. 2001. Phylogenetic utility of avian ovomucoid intron G: a comparison of nuclear and mitochondrial phylogenies in galliformes. Auk 118:799-804.

Arnold, T. W. 1988. Life histories of North American game birds: a reanalysis. Canadian Journal of Zoology 66:1960-1912.

Aschenbrenner, H. 1982. Keeping and rearing of grouse in enclosures – problems and experiences. Pp. 212-217 *in*: Lovel, T. W. (ed). 1982. Proceedings of the second International Symposium on Grouse: at Dalhousie Castle, Edinburgh, Scotland, March 16th-20th, 1981. 255pp.

Aschenbrenner, H. 1991. Grouse of the world: in captivity and the wild. Hancock House, Surrey, British Columbia.

Bagley, G. E., and L. N. Locke. 1967. The occurrence of lead in tissues of wild birds. Bulletin of Environmental Contamination and Toxicology 2:297-305.

Baines, D., and M. Andrew. 2003. Marking of deer fences to reduce frequency of collisions by woodland grouse. Biological Conservation 110:169-176.

Baines, D., and H. Linden. 1991. The impact of hunting on grouse population dynamics. Ornis Scandinavia 22:245-246.

Baines, D., and R. W. Summers. 1997. Assessment of bird collisions with deer fences in Scottish forests. Journal of Applied Ecology 34:941-948.

Banks, R. C. 1981. Summary of foreign game bird liberations, 1969-1978. U.S. Fish and Wildlife Service Special Scientific Report Wildlife No. 239.

Beasom, S. L., and S. F. Roberson (Eds). 1985. Game Harvest Management. A proceedings of the Third International Symposium of the Caesar Kleberg Wildlife Research Institute, College of Agriculture, Texas A&I University, Kingsville. 374pp.

Bebe, J. 1886. Hybrid grouse. Forest and Stream Dec. 16, 1886. Vol. XXVII(21):404.

Beer, J. R. 1948. Notes on the food habits of some western grouse. Murrelet 29:18-20.

Bendell, J. F. 1972. Population dynamics and ecology of the Tetraonidae. Proceedings of the International Ornithological Congress 15:81-89.

Bennett, G. F., R. A. Earle, M. A. Peirce, F. W. Huchzermeyer, and D. Squire-Parsons. 1992. Avian Leucocytozoidae: the leucocytozoids of the Phasianidae *sensu lato*. Journal of Natural History 25:1407-1428.

Bent, A. C. 1932. Life histories of North American gallinaceous birds. US National Museum Bulletin 162.

Berg, B. 1999. Minnesota grouse and hares, 1999. 4pp.

Bergerud, A. T. 1985. The additive effect of hunting mortality on the natural mortality rates of grouse. Pp. 345-366 *in* Beasom, S. L., and S. F. Roberson (Eds.) Game Harvest Management. Caesar Kleberg Wildl. Res. Inst., Kingsville, TX.

Bergerud, A. T. 1988. Mating systems in grouse. Pp. 439-472 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). Univ. Minnesota Press, Minneapolis.

Bergerud, A. T. 1988. Population ecology of North American grouse. Pp. 578-685 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). Univ. Minnesota Press, Minneapolis.

Bergerud, A. T. 1988. Increasing the numbers of grouse. Pp. 686-731 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). Univ. Minnesota Press, Minneapolis.

Bergerud, A. T., and M. W. Gratson. 1988. Survival and breeding strategies of grouse. Pp. 473-577 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). Univ. Minnesota Press, Minneapolis.

Bergerud, A. T., and M. W. Gratson (Eds.). 1988. Adaptive strategies and population ecology of northern grouse. Wildlife Management Institute, University of Minnesota Press, Minneapolis.

Bevanger, K. 1990. Topographic aspects of transmission wire collision hazards to game birds in central Norwegian coniferous forest. Fauna Norvegica Serie C 13:11-18.

Bevanger, K. 1995. Estimates and population consequences of tetraonid mortality caused by collisions with high tension power lines in Norway. Journal of Applied Ecology. 32:745-753.

Bevanger, K. 1995. Tetraonid mortality caused by collisions with power lines in boreal forest habitats in central Norway. Fauna Norvegica Serie C 18:41-51.

Bevanger, K. 1998. Biological and conservation aspects of bird mortality caused by electricity power lines: a review. Biological Conservation 86:67-76.

Bezel', V. S., and E. A. Bel'skii. 2003. Multielement analysis of bone tissue in grouse (Tetraonidae) from the Middel Urals. Russian Journal of Ecology 34:62-64.

Biggins, D. E., and E. J. Pitcher. 1978. Comparative efficiencies of telemetry and visual techniques for studying ungulates, grouse and raptors on energy development lands in southeastern Montana. National Wildlife Federation Scientific and Technical Series Pp:188-193.

Bihrle, C. 1993. Upland game identification: A basic guide for aging and sexing the bird in your hand. North Dakota Outdoors. 56(3):9-23. Online version: http://www.npwrc.usgs.gov/resource/tools/upland/upland.htm#contents

Blomquist, W. 1953. Upland game age and sex ratio. North Dakota Outdoors 15(7):17.

Boag, D. A., and J. H. Alway. 1980. Effect of social environment within the brood on dominance rank in gallinaceous birds (Tetraonidae and Phasianidae). Canadian Journal of Zoology 58:44-49.

Boakes, E. 2007. Geographic range change in Galliformes. Grouse News 33:17-18.

Boev, Z. 1997. Wild Galliform and Gruiform birds (Aves, Galliformes and Gruiformes) in the archaeological record of Bulgaria. International Journal of Osteoarchaeology 7:430-439.

Boev, Z. 2002. Tetraonidae vigors, 1825 (Galliformes - Aves) in the Neogene-Quaternary record of Bulgaria and the origin and evolution of the family. Acta Zoologica Cracoviensia 45:263-282.

Bonaparte, C. L. 1830. General observations on the birds of the genus *Tetrao*; with a synopsis of the species hitherto known. Transactions of the American Philosophy Society 3:383-394.

Boughton, R. V. 1937. Endoparasitic infestations in grouse, their pathogenicity and correlation with meteoro-topo-graphical conditions. Minnesota Agriculture Experimental Station Technical Bulletin No. 121.

Boyce, M. S. 1997. Importance of grouse research in ecology and conservation biology. Wildlife Biology 3:282. Abstract only.

Bradbury, J., R. Gibson, and I. M. Tsai. 1986. Hotspots and the evolution of Leks. Animal Behavior 34:1694-1709.

Bradshaw, F. 1915. The Grouse of Saskatchewan. Report of the Chief Game Guardian. Province of Saskatchewan Forests. 1914:64-71.

Brander, R. B. 1968. A radio-package harness for game birds. Journal of Wildlife Management 32:630-632.

Braun, C. E. 1975. Mortality, survival, and effects of hunting on grouse, partridge, pheasants, and quail, an annotated bibliography. Colorado Division of Wildlife Report 3, 44 pp.

Braun, C. E., K. M. Giesen, R. W. Hoffman, T. E. Remington, and W. D. Snyder. 1994. Upland bird management analysis guide, 1994-1998. Division Report No. 19. Colorado Division of Wildlife.

Braun, C. E., K. Martin, T. E. Remington, and J. R. Young. 1994. North American grouse: issues and strategies for the 21st. century. Transactions of the North American Wildlife and Natural Resources Conference 59:428-437.

Braun, C. E., and W. B. Willers. 1967. The helminth and protozoan parasites of North American grouse (Family: Tetraonidae): A checklist. Avian Diseases 11:170-187.

Braune, B. M., and B. J. Malone. 2005. Organochlorines and trace elements in upland gamebirds harvested in Canada. Science of the Total Environment Online Early.

Brickle, N. W., J. W. Duckworth, A. W. Tordoff, C. M. Poole, R. Timmins, and P. J. K. McGowan. 2008. The status and conservation of Galliformes in Cambodia, Laos and Vietnam. Biodiversity and Conservation 17:1393-1427.

Brodie, I. 1982. Ecological factors encouraging westward expansion in Scotland. Pp. 189-190. In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Brown, R. L. 1968. Analysis of upland game bird species distribution and sex and age composition from state-wide collection of hunter-shot wings (1962-1967). Montana Fish and Game Dept. Proj. W-91-R-10, JobII-G. 74pp.

Brull, H., and A. Linder. 1977. Die Waldhühner: Naturgeschichte, Ökologie, Verhalten, Hege u. Jagd. [The forest grouse: Natural history, ecology, behavior, and hunting.] Hamburg, Berlin, Parey. 148pp. (in German).

Bump, G. 1963. History and analysis of tetraonid introductions into North America. Journal of Wildlife Management 27: 855-867.

Bump, G., and W. H. Bohl. 1964. Summary of foreign game bird propagation and liberations 1960 to 1963. U. S. Fish and Wildl. Serv. Spec. Sci. Report: Wildlife No. 80.

Butorina, O. T., and L. L. Solovenchuk. 2000. Divergentsiia gena tsitokhroma b u teterevinykh ptits. [Divergence of the cytochrome b gene in grouse species.] Genetika 36:1195-1199. (in Russian).

Butorina, O. T., and L. L. Solovenchuk. 2004. The use of *c-mos* nuclear gene as a phylogenetic marker in tetraonidae birds. Russian Journal of Genetics 40:1080-1084.

Carroll, J. P. 1990. Monitoring reproduction and survival in galliformes. Pp.153-166 *in* D. A. Hill, P. J. Garson, and D. Jenkins (eds.) Pheasants in Asia 1989. World Pheasant Association, Reading, U.K.

Catt, D. C., D. Dugan, R. E. Green, R. Moncrieff, R. Moss, N. Picozzi, R. W. Summers, and G. A. Tyler. 1994. Collisions against fences by woodland grouse in Scotland. Forestry 67:105-118.

Cattadori, I. M. C. 1999. Temporal dynamics and spatial patterns of galliform birds in Trentino - Italy. Ph. D. Dissertation. University of Stirling.

Cattadori, I. M., and P. J. Hudson. 2000. Are grouse populations unstable at the southern end of their range? Wildlife Biology 6:213-218.

Cattadori, I. M., S. Merler, and P. J. Hudson. 2000. Searching for mechanisms of synchrony in spatially structured gamebird populations. Journal of Animal Ecology 69:620-638.

Chalmers-Watson, K. 1991. Captive breeding successes of grouse. Grouse News 2:3.

Cheater, M. 1993. Lunkers and grouse flourish in Idaho. Journal of Forestry 91:28.

Chalmers-Watson, K. 1992. Greater interest in captive grouse. Grouse News 4:11-12

Chervonnyi, V. V. 1966. Results of the study of pairing times of grouse in the Sosnov forest fowlers farm. Trudy Pribalt. Orn. Konf. 6:156-157.

Clark, H. L. 1898. Feather-tracts of North American Grouse and Quail. Proceedings of the U. S. Natural History Museum Vol. 21, No. 1166, pp.641-653.

Cockrum, E. L. 1952. A check-list and bibliography of hybrid birds in North America north of Mexico. Wilson Bulletin 64:140-159.

Conover, H. B. 1926. Game birds of the Hooper Bay region, Alaska. Auk 43:162-180.

Cowan, I. M. 1940. Two apparently fatal grouse diseases. Journal of Wildlife Management 4:311-312.

Cram, E. B. 1931. Developmental stages of some nematodes of the Spiruroidea parasitic in poultry and game birds. U. S. Department of Agriculture Technical Bulletin 227. 27pp.

Cram, E. B. 1931. Recent findings in connection with parasites of game birds. Transactions of the American Game Conference 18:243-247.

Criddle, N. 1930. Some natural factors governing the fluctuations of grouse in Manitoba. Canad. Field Nat. 44(4):77-80.

Crowe, T. M., R. C. K. Bowie, P. Bloomer, T. G. Mandiwana, T. A. J. Hedderson, E. Randi, S. L. Pereira, and J. Wakeling. 2006. Phylogenetics, biogeography and classification of, and character evolution in, gamebirds (Aves: Galliformes): effects of character exclusion, data partitioning and missing data. Cladistics 22:495-532.

Dimcheff, D. E. 2000. Evolution and characterization of endogenous avian retroviruses in galliform birds. PhD Dissertation. Univ. Mich.

Dimcheff, D. E., M. Krishnan, and D. P. Mindell. 2001. Evolution and characterization of Tetraonine endogenous retrovirus: a new virus related to Avian Sarcoma and Leukosis viruses. J. Virology. 75:2002-2009.

Dimcheff, D. E., S. V. Drovetski, M. Krishnan, and D. P. Mindell. 2000. Cospeciation and horizontal transmission of Avian Sarcoma and Leukosis virus *gag* genes in galliform birds. J. Virology 74:3984-3995.

Dimcheff, D. E., S. V. Drovetski, and D. P. Mindell. 2002. Phylogeny of Tetraoninae and other galliform birds using mitochondrial 12S and ND2 genes. Mol. Phylogen. And Evol. 24:203-215.

Dimsdale, D. 1989. Glorious Idaho grouse. Western Tanager 56(2):10-11.

Dirrigl, F. J. Jr. 1998. Zooarchaeology and taphonomy of gallinaceous birds in the northeastern United States. PhD Dissertation, Univ. Conn. 186pp.

Dirrigl, F. J. 2002. Differential identifiability between chosen North American gallinaceous skeletons and the effect of differential survivorship. Acta Zool. Cracoviensia. 45:357-367

Dixon, C. 1900. The game birds and wild fowl of the British Islands. Pawson & Brailsford, Sheffield. 476pp.

Douglas, D. 1828. Observations on some species of the genera *Tetrao* and *Ortyx*, natives of North America with descriptions of four new species of the former, and two of the latter genus. Trans. Linn. Soc. London 16:133-149.

Drovetski, S. V. 1992. [New data on functional significance of the toe corneous fringe of the tetraonid birds (Tetraonidae).] Zoologicheskii Zhurnal 71:100-109. (in Russian with English summary).

Drovetski, S. V. 1996. Influence of the trailing-edge notch on flight performance of galliforms. Auk 113:802-810.

Drovetski, S. V. 2001. Molecular evolution, biogeography, and morphological radiation of grouse (Tetraoninae). PhD Dissertation. Univ. Wash.

Drovetski, S. V. 2002. Molecular phylogeny of grouse: individual and combined performance of W-linked, autosomal, and mitochondrial loci. Syst, Biol. 51:930-945.

Drovetski, S. V. 2003. Plio-Pleistocene climatic oscillations, Holarctic biogeography and speciation in an avian subfamily. J. Biogeograph. 30:1173-1181.

Drovetski, S. V., S. Rohwer, and N. A. Mode. 2006. Role of sexual and natural selection in evolution of body size and shape: a phylogenetic study of morphological radiation in grouse. J. Evol. Biol. 19:1083-1091.

Dublin, R. M. Taras, and R. B. Weeden. 2005. The grouse and ptarmigan of Alaska: a guide to their identification, habits and habitat. Alaska Dept. Fish Game. 42pp.

Duncan, D., and A. Watson. 2008. Comments on 'Cripple losses from grouse shooting, a brief review.' [Watson, A. 2007. Cripple loss from grouse shooting: a brief review. Grouse News 34:3-7.] Grouse News 35:26.

Durie, A. 2008. Game Shooting: An Elite Sport *c*.1870-1980. Sport in History 28:431-449.

Dwight, J. 1900. The molt of North American Tetraonidae (quails, partridges, and grouse). Auk 17:34-51.

Dwight, J. 1900. The molt of North American Tetraonidae (quails, partridges, and grouse). Auk 17:143-166.

Dyke, G. J., B. E. Gulas, and T. M. Crowe. 2003. Suprageneric relationships of galliform birds (Aves, Galliformes): a cladistic analysis of morphological characters. Zool. J. Linnean Soc. 137:227-244.

Edminster, F. C. 1954. American game birds of field and forest: their habits, ecology, and management. Charles Scribners Sons. New York. 490pp.

Edwards, G. D. 1942. A comparative study of the leg muscles of some gallinaceous birds of the Pacific Northwest. M.S. thesis. Wash. State Univ., Pullman, WA.

Eiberle, K. 1987. Effects of air temperature and precipitation on the annual bag of grouse (Tetraoninae). Cahiers d'Ethologie Appliquee 7:109-128.

Elliot, D. G. 1864. Remarks upon a proposed new arrangement of the family of grouse and new genera added. Proc. Philadelphia Acad. Sci. 16:23.

Elliot, D. G. 1864-1865. A monograph of the Tetraoninae, or family of the grouse. New York.

Elliot, D. G. 1897. The gallinaceous game birds of North America: including the partridges, grouse, ptarmigan, and wild turkeys. Suckling and Co., London.

Elliot, D. G., J. Wolf, and W, S. Morgan. 1865. A monograph of the Tetraoninae : or, family of the grouse. New York.

Ellison, L. N. 1991. Shooting and compensatory mortality in tetraonids. Ornis Scand. 22:229-240.

Ellison. L. N. 1991. Under what conditions can shooting of declining species of tetraonids be justified in France? Gibier Faune Sauvage 8:353-365.

Ellison, L. N. 2007. Preface (to the special grouse issue). Wildlife Biology 13 (Suppl. 1):1.

Ellsworth, D. L., R. L. Honeycutt, and N. J. Silvy. 1995. Phylogenetic relationships among North American grouse inferred from restriction endonuclease analysis of mitochondrial DNA. Condor. 97:492-502.

Ellsworth, D. L., R. L. Honeycut, and N. J. Silvy. 1996. Systematics of grouse and ptarmigan determined by nucleotide sequences of the mitochondrial cytochrome-*b* gene. Auk 113:811-822.

Emerson, K. C. 1950. A study of the mallophaga found in North American gallinaceous birds. PhD Dissertation. Okla. State Univ.

Emerson, K. C. 1951. A list of Mallophaga from gallinaceous birds of North America. J. Wildl. Manage. 15:193-195.

Falkdalen, U., and T. Holmberg. 1993. [Free to shoot grouse - whoever wants to.] Var Fagelvarld 52(4):28-29.

Flieg, G. M. 1971. North American grouse as zoo exhibits. International Zoo Yearbook. 11(1):219-220.

Flieg, G. M. 1971. How to keep grouse alive. Game Bird Breeders Gazette 20(4):13-15.

Flint, V. E. 1995. Numbers of grouse and their conservation in Russia. P. 173 in:

Jenkins, D. (Ed.) Proceedings International Symposium on Grouse 6, Udine, Italy, 1993.

Formosov, A. N. 1970. Snow cover and grouse-like birds. Hunting and Wildlife Management 5:18-20.

Gabuzov, O. S. 1995. Grouse hunting statistics in Russia. P. 173 in: Jenkins, D. (ed.). Proceedings International Symposium on Grouse 6, Udine, Italy, 1993.

Gaidar, A. A. 1981. The stock of gallinaceous birds in the Kirov Oblast Russian-SFSR USSR. Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 86(3):45-51.

Gaston, A. J. 1992. Defining objectives and planning fieldwork on gamebirds. J. World Pheasant Assoc. 15&16:17-28.

Gates, C. E., W. H. Marshall, and D. P. Olson. 1968. Line transect method of estimating grouse population demsities. Biometrics 24:135-145.

Geist, V. 1977. A comparison of social adaptations in relation to ecology in gallinaceous bird and ungulate societies. Ann. Rev. Ecol. Syst. 8:193-207.

Gibson, G. G. 1965. The taxonomy and biology of Splendidoflilariine nematodes of the tetraonidae of British Columbia. PhD Dissertation. Univ. Brit. Columbia.

Gibson. G. G. 1967. *Splendidoflilaria pectoralis* n. sp. (Filarioidea: Onchocercidae) from tetraonid birds in northwestern North America. Can. J. Zool. 45:1135-1147.

Gibson, R. M., A. S. Aspbury, and L. L. McDaniel. 2002. Active formation of mixed-species grouse leks: a role for predation in lek evolution? Proc. Ro. Soc. Lond. 269:2503-2507.

Giesen, K. M. 1984. Identification of grouse species by hunters in northwestern Colorado: Implications for management. Colorado Dept. Natur. Resources, Div. Wildl. Game Information Leaflet, No. 111. 2pp.

Gindre, R. 1982. Research and technical studies programme on tetraonids in France. Pp. 173-174 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Glenny, F. H. 1951. A systematic study of the main arteries in the region of the heart – Aves XII: Galliformes, part 1. Ohio Journal of Science 51:47-54.

Glutz von Blotzheim, U. N., K. M. Bauer, and E. Bezzel. 1973. Handbuch der Vogel Mitterleuropas, Band 5, Galliformes und Gruiformes. [Handbook of birds of

Mitterleuropas, Volume 5, Galliformes and Gruiformes.] Akademische Verlagsgesellschaft, Wiesbaden. 699pp. (in German).

Gower, W. C. 1939. The use of the bursa of Fabricius as an indicator of age in game birds. Trans. North Am. Wildl. Conf. 4:426-430.

Grange, W. B. 1948. Wisconsin grouse problems. Wisc. Conserv. Dep. Publ. No. 328. Madison. 318pp.

Gremmels, H.-D. 1986. Das Verdauungssystem der Rauhfußhühner — Eine Übersicht zur Physiologie und Mikroanatomie dieses Organsystems. [The digestive system of the tetraonides — a survey of the physiology and microanatomy of this system of organs.] European J. Wildl. Res. 32:96-104. (in German with English summary).

Grinnell, J., H. C. Bryant, and T. I. Storer. 1918. The game birds of California. Berkeley, Univ. California Press.

Guiguet, C. J. 1955. The birds of British Columbia: Upland game birds. British Columbia Provincial Museum Handbook no. 10.

Gullion, G. W. 1965. A critique concerning foreign game bird introductions. Wils. Bull. 77:409-414.

Gullion, G. W. 1966. A viewpoint concerning the significance of studies of game bird food habits. Condor 68:372-376.

Gullion, G. W. 1973. Grouse cycles: are they real? Minn. Sci. 29:67-, 10-11.

Guthrey, F. S. 1996. Upland gamebirds. Pages 59-69 *in* P. R. Krausman, editor. Rangeland wildlife. The Society for Range Management.

Gutierrez, R. J., G. F. Barrowclough, and J. G. Groth. A classification of the grouse (Aves: Tetraoninae) based on mitochondrial DNA sequences. Wildl. Biol. 6:205-211.

Gutierrez, R. J., R. M. Zink, and S. Y. Yang. 1983. Genic variation, systematic, and biogeographic relationships of some galliform birds. Auk 100:33-47.

Hamerstrom, F. N., and F. Hamerstrom. 1960. Comparability of some social displays of grouse. Trans. Int. Ornithol. Congr. 12:274-293.

Hamerstrom, F. N., and F. Hamerstrom. 1961. Status and problems of North American grouse. Wilson Bull. 73:284-294

Hamerstrom, F. N., and F. Hamerstrom. 1963. The symposium in review. J. Wildl. Manage. 27:868-887.

Hancock, D. 1996. Is there a place for grouse in North American zoos? Pp. 573-576 *In*: Regional Conference Proceedings, American Zoo and Aquarium Association.

Hannon, S. J.. 1989. Intrinsic mechanisms and population regulation in grouse – a critique. Acta XIX Congr. Intern. Ornithol. 19:2478-2489.

Hannon, S. J., and K. Martin. 2006. Ecology of juvenile grouse during the transition to adulthood. J. Zool. 269:422-433.

Hanotte, O., M. W. Bruford, and T. Burke. 1992. Multilocus DNA fingerprints in gallinaceous birds- general approach and problems. Heredity 68:481-494.

Hatch, D. R. M. 1975. The grouse and ptarmigan of Manitoba. Manitoba Nat. 16(4):4-10, illust.

Hatlapa, H. H. 1982. Why breed endangered species in captivity? Pp. 197-197 In: Proceedings of the Second International Symposium on Grouse at Dalhousie Castle, Edinburgh, Scotland. March 16th - 20th, 1981.

Helle, P. 1995. Counting grouse in the Finnish wildlife triangle scheme. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:174.

Herman, C. M. 1963. Disease and infection in the tetraonidae. Journal of Wildlife Management 27:850-855.

Hickey, J. J. 1955. Some American population research on gallinaceous birds. Pp. 326-396 in Recent Studies in Avian Biology. A. Wolfson, editor. Urbana, IL.

Hjorth, I. 1967. Fortplantningsbeteende inom Honfagelfamiljen Tetraonidae. [Reproductive behavior in male grouse.] Var Fagalvarld 26:193-243.

Hjorth, I. 1970. Reproductive behavior in tetraonidae, with special reference to males. Viltrevy 7:184-596.

Hjorth, I. 1976. The divalent origin and adaptive radiation of grouse songs . Ornis Scandinavica 7:147-157.

Hjorth, I. 1984. [Grouse.] Var Fagelvarld 43(2):166.

Hoffman, R. W., and C. E. Braun. 1975. A volunteer wing collection station. Colorado Dept. Natur. Reseources, Div. Wildl. Game Information Leaflet, No. 101. 3pp.

Hoffmann, R. S. 1958. The role of predators in “cyclic” declines of grouse populations. Journal of Wildlife Management 22:317-319.

Hoglund, J. 1989. Size an plumage dimorphism in lke-breeding birds: a comparative analysis. American Naturalist 134:72-87.

Hoglund, J. R., and R. V. Alatalo. 1995. Leks. Princeton University Press, Princeton, New Jersey, 248pp.

Hoglund, N. H. 1964. Fright moulting in Tetraonids. Viltrevy 2:419-425.

Holechek, J. L. 1981. Range management for upland game-birds. Rangelands 3(4):163-165.

Hollet, K. G., V. G. Thomas, and S. D. McDonald. 1984. Structural and functional aspects of supraorbital combs of grouse. Internat. Grouse Symp., World Pheasant Assoc., Suffolk. Proc. 3:193-211.

Holman, J. A. 1964. Osteology of gallinaceous birds. Quart. J. Florida. Acad. Sci. 27:230-252.

Hudson, G. E., P. J. Lanzillotti, and G. D. Edwards. 1959. Muscles of the pelvic limb in galliform birds. American Midland Naturalist 61:1-67.

Hudson, G. E., and P. J. Lanzillotti. 1964. Muscles of the pectoral limb in galliform birds. American Midland Naturalist 71:1-113.

Hudson, G. E., R. A. Parker, J. V. Berge, and P. J. Lanzillotti. 1966. A numerical analysis of the modifications of the appendicular muscles in various genera of gallinaceous birds. American Midland Naturalist 76:1-73.

Hudson, P. J., and M. R. W. Rands. 1988. Ecology and management of gamebirds. BSP Professional Books, Ozford, UK.

Hudson, P., and S. Tapper. 1979. Grouse populations: do they cycle? Game Conservancy Annual Review 1979:17-23.

Ims, R. A., J.-A. Henden, and S. T. Killengreen. 2008. Collapsing population cycles. Trends in Ecology and Evolution 23:79-86.

Ingman, D. L. 1971. $^{51}CrCl_3$ mobility and cellulose digestion in three gallinaceous species. Ph. D. Dissertation. Michigan State University. 41pp.

Jardine, W. 1844. Thw natural history of game-birds. W. H. Lizers. 350pp.

Jeffries, J. A. 1883. Sternal processes in gallinae. Science 2:622.

Jenkins, D. (Ed.). 1991. Proceedings of the 5th International Symposium on Grouse, 20-24 August 1990, Elverum, Norway. Ornis Scandinavica 22:176-302.

Johnsgard, P. A. 1973. Grouse and Quails of North America. Univ. Nebraska Press, Lincoln. 553pp.

Johnsgard, P. A. 1975. North American Game Birds of Upland and Shoreline. Univ. Nebraska Press, Lincoln.

Johnsgard, P. A. 1982. Etho-ecological aspects of hybridization in the Tetraonidae. World Pheasant Assoc. Journal 7:42-57.

Johnsgard, P. A. 1983. The grouse of the world. Univ. Nebraska Press, Lincoln. 413pp.

Judd, S. D. 1905. The grouse and Wild Turkeys of the United States, and their economic value. Dept. Agric., Biol. Surv. Washington, D.C.

June, J. 1967. A comprehensive report on the Wyoming grouse family. Wyoming Wildlife 10(1):19-24.

June, J. 1971. Grouse hunting strategies. Wyoming Wildlife 35(10):22-24.

Jonsson, K. I., P. A. Angelstam, and J. E. Swenson. 1991. Patterns of life history and habitat in palaearctic and nearctic forest grouse. Ornis Scand. 22:275-281.

Kaiser, V. B., M. van Tuinen, and H. Ellegren. 2007. Insertion events of *CR1* retrotransposable elements elucidate the phylogenetic branching order in Galliform birds. Molecular Biology and Evolution 24:338-347.

Kauhala, K. , P. Helle, and E. Helle. 2000. Predator control and the density and reproductive success of grouse populations in Finland. - Ecography 23:161-168.

Kauhala, K. and P. Helle. 2002. The impact of predator abundance on grouse populations in Finland -- a study based on wildlife monitoring counts. Ornis Fennica 79:14 - 25.

Keane, A., M. de L. Brooke, and P. J. K. Mcgowan. 2005. Correlates of extinction risk and hunting pressure in gamebirds (Galliformes). Biol. Cons. 126:216-233.

Kimball, R. T., and E. L. Braun. 2008. A multigene phylogeny of Galliformes supports a single origin of erectile ability in non-feathered facial traits. Journal of Avian Biology 39:438-445.

Klaus, S. 1991. Effects of forestry on grouse populations: case studies from the

Thuringian and Bohemian Forests, central Europe. Ornis Scand. 22:218-223.

Klaus, S. 1994. To survive or become extinct: small populations of Tetraonids in central Europe. In Remmert, H (Ed.). Minimum animal populations. Ecol. Studies 106. Springer-Verlag, Berlin, Germany. Pp. 137-152.

Knox, A. E. 18XX. Game birds and wild fowl: their friends and their foes. John Van Voorst. 528pp.

Kohts, A. E. 1948. Analogical variation in the plumage of domestic fowls and grouse. A contribution to the problem of the interrelation of Darwinism and genetics. Proceedings of the Zoological Society of London 117:742-747.

Kokko, H., W. J. Sutherland, J. Lindstrom, J. D. Reynolds, and A. Mackenzie. 1998. Individual mating success, lek stability, and the neglected limitations of statistical power. Anim. Behav. 56:755-762.

Kolm, N., R. W. Stein, A. O. Mooers, J. J. Verspoor, and E. J. A. Cunningham. 2007. Can sexual selection drive female life histories? A comparative study on Galliform birds. Journal of Evolutionary Biology 20:627-638.

Kolychev, V. B., Yu. M. Lisenkov, and S. N. Postnikov. 1988. [Material on the summer breeding of grouse.] Ekologiya ptits Volzhsko-Uralskogo regiona. [Ecology of birds of the Volga-Uralsk region.] Pages: 46-47.

Korenberg, E. I., A. A. Pchelkina, I. V. Kovalevskii, and L. G. Suvorova. 1964. Osobennosti immunizatsii teterevinykh ptits v prirodnom ochage kleshchevogo ‘entsefalita. [Immunization of grouse in natural foci of tick-borne encephalitis. Meditsinskaia parazitologiia i parazitarnye bolezni 33:711-717. (in Russian).

Koskimies, J. 1962. Ontogeny of thermoregulation and energy metabolism in some gallinaceous birds. Suppl. Ricerche Zool. Appl. Caccia 4:149-160.

Kovyazin, V. I., and S. N. Postnikov. 1988. [Size of the breeding population of grouse limited by agricultural activity.] Ekologiya ptits Volzhsko-Uralskogo regiona. [Ecology of birds of the Volga-Uralsk region.] Pages: 45-46.

Krakauer, A. H., and R. T. Kimball. 2009. Interspecific brood parasitism in galliform birds. Ibis 151:373-381.

Kriegs, J. O., A. Matzke, G. Churakov, A. Kuritzin, G. Mayr, J. Brosius, and J. Schmidt. 2007. Waves of genomic hitchhikers shed like on the evolution of gamebirds (Aves: Galliformes).. BMC Evolutionary Biology 7: article number 190.

Kurki, S., A. Nikula, P. Helle, and H. Linden. 1997. Landscape-dependent breeding

success of forest grouse in Fennoscandia. Wildl. Biol. 3:295. Abstract only.

Kurki, S., A. Nikula, P. Helle, and H. Lindén. 1998. Forest fragmentation modifies interspecific interactions: increased predation by red fox on forest grouse. Environmental Forest Science : 173-174.

Kurki, S., A. Nikula. P. Helle, and H. Lindén. 2000. Landscape fragmentation and forest composition effects on grouse breeding success in boreal forests. - Ecology 81: 1985-1997.

Kuz'mina, M. A. 1992. Tetraonidae and phasianidae of the USSR: ecology and morphology. Translated by P. M. Rao and D. Siegel-Causey. Smithsonian Institution Libraries and The National Science Foundation, Washington, DC.

Lack, D., and V. C. Wynne-Edwards 1964. Significance of clutch size in swifts and grouse. Nature 203:98-99.

Latham, R. M. 1947. Differential ability of male and female game birds to withstand starvation and climatic extremes. J. Wildl. Manage. 11:139-149.

Lee, D. C., and S. J. Marsden. 2006. Accumulation of knowledge and changes in Red List classifications within the family Galliformes 1980-2004. Biodiversity and Conservation 15:1887-1902.

Leopold, A., and J. N. Ball. 1931. The British and American grouse cycles. Canadian Field Naturalist 45:162-167.

Leopold, A. S. 1963. Intestinal morphology of gallinaceous birds in relation to food habits. J. Wildl. Manage. 17:197-203.

Leslie, A. S., and A. E. Shipley (eds.). 1912. The grouse in health and disease. Smith Elder and Co., London, UK.

Levine, N. D. 1953. A review of the coccidia from the avian orders Galliformes, Anseriformes, and Charadriiformes with descriptions of three new species. American Midland Naturalist 49:696-719.

Li, R., H. Tian, and X. Li. 2010. Climate change induced range shifts of Galliformes in China. Integrative Zoology 5:154-163.

Lindstrom, E., P. Angelstrom, P. Widen, and H. Andren. 1986. Do predators synchronize vole and grouse fluctuations? – An experiment. Oikos 48:121-124.

Lindstrom, J. 1994. Tetraonid population studies – state of the art. Annales Zoologica Fennici. 31:347-364.

Lindstrom, J. 1996. Weather and grouse population dynamics. Wildl. Biol. 2:93-99.

Lindstrom, J. E. 1996. Modelling grouse population dynamics. PhD Dissertation. Helsinki, Finland. 164pp.

Lislevand, T., J. Figuerola, and T. Szekely. 2009. Evolution of sexual size dimorphism in grouse and allies (Aves: Phasianidae) in relation to mating competition, fecundity demands and resource division. Journal of Evolutionary Biology 22:1895-1905.

Liukkonen-Anttila, T. 2001. Nutritional and genetic adaptation of Galliform birds: Implications for hand-rearing and restocking. Ph.D. dissertation. University of Oulu. 73pp.

Liukkonen-Anttila, T. 2002. Adaptation of galliform birds to life captivity: nutritional and genetic approach. Suomen Riista 48:46-54.

Lloyd, L. 1867. The game birds and wild fowl of Sweden and Norway. F. Warne & Co. 599pp.

Long, W. H. 1948. The physiology of wild gallinaceous birds in relation to the environment. SCD Dissertation. Univ. Mich.

Lonnberg. E. 1926. Nagra bidrag till kannedomen om vara skogshons, Tetraonidae. [Notes on the external structure and plumages of some of the Tetraonidae.] Fauna och Flora Uppsala 1926:241-255. (in Swedish).

Loppenthin, B. 1955. Arfuglene (Tetraonidae) i Danmark i forhistorisk tid. [Tetraonidae in Denmark in prehistoric times.] Dansk Ornithol. For. Tidsskr. 49:234-244. (in Danish).

Lovat, L. (ed.) 1911. The grouse in health and disease. 2 vols. Smith and Elder & Co., London.

Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Lovel, T. W. (ed.). 1982. Proceedings of the second International Symposium on Grouse: at Dalhousie Castle, Edinburgh, Scotland, March 16th-20th, 1981. 255pp.

Lucchini, V., J. Hoglund, S. Klaus, J. Swenson, and E. Randi. 2001. Historical biogeography and a mitochondrial DNA phylogeny of grouse and ptarmigan. Mol. Phylogen. and Evol. 20:149-162.

Ludwig, T., and I. Storch. 2011. Re-introduction and re-enforcement as a conservation

measure for grouse. Gallinformed 4:18-21.

Lumeij, J. T., and Y. R. Hoogeveen (Eds.). 1990. The Future of wild Galliformes in the Netherlands. Amersfoort, Netherlands.

Lumsden, H. G. 1970. The shoulder-spot display of grouse. Living Bird 9:65-74.

Macpherson, H. A. 1897. A history of fowling: being an account of the many curious devices by which wild birds are or have been captured in different parts of the world. David Douglas, Edinburgh. 511pp.

Madge, S., and P. McGowan. 2002. Pheasants, Partridges and Grouse: A guide to the Pheasants, Quails, Grouse, Guineafowl, Buttonquails and Sandgrouse of the World. Christopher Helm, London. 488pp.

Madsen, H. 1952. A study on the nematodes of Danish gallinaceous game-birds. Danish Review of Game Biology 2:1-126.

Malcom, G., and A. Maxwell. 1910. Grouse and grouse moors.

Marco, A. S. 2009. New Iberian galliforms and reappraisal of some Pliocene and Pleistocene Eurasian taxa. Journal of Vertebrate Paleontology 29:1148-1161.

Marcstrom, V. 1979. Population fluctuations in European grouse: a short review. Pp. 9-12 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Marcstrom, V. 1979. A review of the tetraonid situation in Sweden. Pp. 13-16 *In*: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Marcstrom, V., R. Brittas, and E. Engren. 1982. Habitat use by tetraonids during summer - a pilot study. Pp. 148-153 In: Proceedings of the Second International Symposium on Grouse, Edinburgh, Scotland. March 16th - 20th, 1981.

Marjakangas, A. 1980. [Snow roosting in tetraonids, Tetraonidae.] Memoranda Societatis pro Fauna et Flora Fennica 56(3):65-70. (in Finnish with English summary).

Markowski, J., and Z. Wojciechowski. 1977. Occurrence of wood gallinaceans on the area of the former province of Lodz, Poland. Notatki Ornitologiczne 18:19-25.

Martinka, R. R., and J. E. Swenson. A review of census techniques for North American upland game birds. *In* Symposium on census and inventory methods

for populations and habitats.

Masson, W. V., and R. U. Mace. 1962. Upland game birds. Oregon State Game Commission Wildlife Bulletin No. 5.

McCann, J., and L. Brown. 2005. Upland hunting in Alaska: the bird hunter's guide. Wasilla. Northern Publishing. 310pp.

McCann, L. J. 1939. Studies of the grit requirements of certain upland game birds. Journal of Wildlife Management 3:31-41.

McClanahan, R. C. 1940. Original and present breeding ranges of certain game birds in the United States. U. S. Department of Interior, Bureau Biological Survey, Wildlife Leaflet BS-158. 21pp.

McGowan, P., D. Chang-qing, and R. Kaul. 1999. Protected areas and the conservation of grouse, partridges and pheasants in east Asia. Animal Conservation 2:93-102.

McGowan, P., R.W.R. Dekker, S. Dowell, and P. Garson. 1998. The making of conservation action plans for the Galliformes. Bird Conservation International 8:173-184.

McGowan, P. J. K., and P. J. Garson. 2002. The Galliformes are highly threatened: should we care? Oryx 36:311-312.

McKean, J. W. 1952. Management of Oregon's native upland game birds. Proceedings of the Western Association of State Game and Fish Commissioners 32:102-105.

McNew, L., and B. Blanco-Fontao. 2008. World grouse in peril: Summary of the 11th International Grouse Symposium. Grouse News 36:22-25.

Menoni, E. C. Novoa, Y. Magnani, A. Bernard-Laurent, and P. Leonard. 2005. Statutory and sociological aspects of grouse hunting in Fance. Grouse News 29:4-6.

Merrill, G. W. 1967. Grouse. Pp. 111-119 *In*: New Mexico wildlife management. New Mexico Department of Game and Fish. 250pp.

Mikuletič, V. 1984. Gozdne kure, biologija in gospodarjenje. [Grouse, biology and management.] Ljubljana, Hunting association of Slovenia (LZS), 195 pp. (in Slovenian).

Millais, J. G. 1884. Game birds and shooting-sketches: illustrating the habits, modes of capture, stages of plumage and the hybrids & varieties which occur amongst them. H. Sotheran, London.

Millais, J. G. 1909. The Natural History fo British Game Birds. Longmans, London.

Miller, C. G. 1979. Development of a preservation program for three species of prairie grouse. Colo. Div. Wildl. Job Progress Rep. SE-3-3. 19pp.

Milonoff, M. 1991. Renesting ability and clutch size in precocial birds. Oikos 62:189-194.

Milonoff, M. 1994. [An overlooked connection between goshawk and tetraonids---corvids!] Suomen Riista 40:91-97. (in Finnish with English summary).

Milonoff, M., and P. Nummi. 1991. [The captive breeding and release of gallinaceous birds.] Suomen Riista 37:7-17. (in Finnish with English summary).

Ming, M. A. 1995. Population size and conservation of grouse species in Tianshan Mountain and Altay Mountain. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:174.

Mollet, P. 1998. Human disturbance of grouse in Switzerland. Grouse News 15:17-18.

Moss, R. 1975. Different roles of nutrition in domestic and wild game birds and other animals. Proceedings Nutrition Society 34:95-100.

Moss, R. 1989. Gut size and the digestion of fibrous diets by tetraonid birds. Journal of Experimental Zoology Suppl. 3:61-65.

Moss, R. 2008. Distance – a toxic algorithm? Grouse News 35:11.

Moss, R., and I. Hanssen. 1980. Grouse nutrition. Nutr. Abstracts and Reviews, Ser. B. 50:555-567.

Moss, R., and A. K. Lough. 1968. Fatty acid composition of depot fats in some game birds (Tetraonidae). Comparative Biochemistry and Physiology 25:559-562.

Moss, R., I. Storch, and M. Muller. 2010. Trends in grouse research. Wildlife Biology 16:1-11.

Moss, R., and A. Watson. 2001. Population cycles in birds of the grouse family (Tetraonidae). Advances in Ecological Research 32:53-111.

Moss, R., A. Watson, and R. Parr. 1974. A role of nutrition in the population dynamics of some game birds (Tetraonidae). Transactions of the International Congress of Game Biologists 11:193-201.

Mullin, J., and P. Boehmer 1978. Game bird propagation – Wildlife harvest system. Wildlife Harvest Publications. Goose Lake, IA. 320pp.

Nelson, A. L., and A. C. Martin. 1953. Gamebird weights. Journal of Wildlife Management 17:36-42.

Nestler, R. B. 1939. Feeding requirements of gallinaceous upland game birds. Yearbook of Agriculture 1939:893-924.

Newlands, W. A. 1975. Grouse in captivity. World Pheasant Association Journal 1:88-94.

O'Hearn, P. P. 2003. Breeding biology of Chukar (*Alectoris chukar*) and the suitability of subcutaneously implanted telemetry devices as a research tool. M. Sc. Thesis. Idaho State University. 87pp.

Ogilvie-Grant, W. R. 1902. XV.—Remarks on the species of American gallinae recently described, and notes on their nomenclature. Ibis 44:233-245.

Ogilvie-Grant, W. R. 1903. Additional remarks on certain species of American gallinae. Ibis 45:108-113.

Osmolovskaya, V. I. 1965. A survey of the distribution and population density of Tetraonidae using the data from a questionnaire [Engl. summ.]. Zool. Zh. 44:740-746.

Osmolovskaya, V. I. 1966. Reasons for changes in the number of tetraonid birds [Engl. sum.] Byul. Mosk. Obshchest Ispyt. Prir. Otd. Biol. 71:61-70.

Oyler-McCance, S. J., J. St. John, and T. W. Quinn. 2010. Rapid evolution in lekking grouse: implications for taxonomic definitions. Ornithological Monographs 67:114-122.

Page, R. E., and A. T. Bergerud. 1984. A genetic explanation for ten-year cycles of grouse. Oecologia 64:54-60.

Page, R. E., and A. T. Bergerud. 1988. A genetic explanation for ten-year cycles of grouse. Pp. 423-438 *in* Adaptive strategies and population ecology of northern grouse (A. T. Bergerud and M. W. Gratson, eds). Univ. Minnesota Press, Minneapolis.

Palleroni, A. R. 1999. Anti-predator behavior of galliform birds. Ph. Dd Dissertation. University of California, Davis.

Panek, M. 1992. The effect of environmental factors on survival of Grey Partridge (*Perdix perdix*) chicks in Poland during 1987-89. Journal of Applied Ecology 29:745-750.

Panek, M. 1997. The effect of agricultural landscape structure on food resources and survival of Grey Partridge *Perdix perdix* chicks in Poland. Journal of Applied Ecology 34:787-792.

Pangalo, K. I. 1906. [Over the comb development in the grouse.] Moskva, Ann. Inst. agron. 12(1):15-19. (in Russian).

Patten, M. A. 2009. Are forest and grassland grouse on different life history tracks? Grouse News 37:15-19.

Pereira, S. L., and A. J. Baker. 2006. A molecular timescale for galliform birds accounting for uncertainty in time estimates and heterogeneity of rates of DNA substitutions across lineages and sites. Molecular Ecology and Evolution 38:499-509.

Peterle, T. J. 1951. Intergeneric galliform hybrids: a review. Wilson Bulletin 63:219-224.

Petrides, G. A. 1942. Age determination in American gallinaceous game birds. Transactions of the 7th. North American Wildlife Conference 7:308-328.

Petrides, G. A. 1945. First-winter plumages in the galliforms. Auk 62:223-227.

Petrides, G. A. 1949. Viewpoints on the analysis of open season sex and age ratios. Transactions of the 14th. North American Wildlife Conference 14:391-410.

Petty, S. J. 1995. Assessment of fence collisions by grouse species in Scotland. Forestry Commission Research Information Note 264.

Phillips, J. B. 1990. Lek behaviour in birds: do displaying males reduce nest predation? Animal Behavior 39:555-565

Pierce, R. A. 1956. Some thoughts concerning the introduction of exotic game birds. Wilson Bulletin 68:80-82.

Pis, T. 2010. The link between metabolic rate and body temperature in galliform birds in thermoneutral and heat exposure conditions: The classical and phylogenetically corrected approach. Journal of Thermal Biology 35:309-316.

Porkert, J. 1972. On the changing of grit in our grouse tetraonidae. Vestnik Ceskoslovenske Spolecnosti Zoologicke 36:134-159.

Porkert, J., and N. H. Hoglund. 1984. Zur Regulierung des Gritgehaltes im Magen der Tetraoniden. [Control of grit content in the stomach of Tetraonides]. European Journal of Wildlife Research 30:81-88. (in German with English summary).

Post, G. 1951. Effects of toxaphene and chlordane on certain game birds. Journal of Wildlife Management 15:381-386.

Potapov, R. L. 1969. [About the functional role of horny pectinations in toes of Tetraonidae birds.] Zoologicheskii Zhurnal 48:1379-1382. (in Russian with English summary).

Potapov, R. L. 1970. Rol' Beringiyskoy sushi v istorii semeystva teterevinykh Tetaonidae. [Role of the Beringian Land in the history of grouse, the family of Tetaonidae.] Pp. 537-541 *in*: Severnyy Ledovityy okean i yego poberezh'ye v kaynozoye; Paleogeografiya severnykh territoriy v pozdnem kaynozoye. Gidrometeorol. Izd., Leningrad. (in Russian).

Potapov, R. L. 1974. [Adaptations of the family Tetraonidae to the winter season.] Proceedings of the Zoological Institute of the Academy of Sciences of the USSR 44:207-251. (in Russian).

Potapov, R. L. 1985. [Order Galliformes Part 2. Family Tetraonidae. Volume 3 Part 1.] Fauna SSSR, Suppl. 133:1-637. (in Russian).

Potapov, R. L. 1990. [Grouse birds.] Zhizn' Nashikh Ptits i Zverei Volume: 11 Pages: 1-240.

Potapov, R. L. 1992. Systematic position and taxonomic level of grouse in the order Galliformes. Bulletin of the British Ornithologists' Club 112A(Suppl.):251-259.

Potapov, R. L. 1993. [About the new data on functional significance of the pectinations in the grouse's toes.] Russkii Ornitologicheskii Zhurnal 2:107-109. (in Russian).

Potapov, R. L. 1995. The Caucasian Mountains as an ideal region for the introduction of American tetraonids. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:173.

Potapov, R. L., and V. E. Fint. 1989. Handbuch der vogel der Sowjetunion. Band 4: Galliformes, Gruiformes. [Handbook of the birds of the Soviet Union: Volume 4: Galliformes, Gruiformes.] Ziemsen Verlag. Wittenberg Lutherstadt, Germany. 427 pp. (in German).

Potts, G. R. 1979. Mathematical models as an aid to studies of gamebird populations. Pp. 115-119. In: Woodland Grouse Symposium, Inverness, Scotland. December 4th - 8th, 1978.

Pukinsky, Y. B., and M. V. Pukinskaya. 1994. [The distant acoustic communication in the grouse (Tetraonidae, Galliformes) of Russia.] Russkii Ornitologicheskii Zhurnal 3:135-162. (in Russian with English summary).

Pyrah, D. 1970. Poncho markers for game birds. Journal of Wildlife Management 34:466-467.

Rajala, P. 1969. Eine Übersicht neuerer Flugwilduntersuchungen aus Finnland. [An overview of newer game bird investigations from Finland.] European Journal of Wildlife Research 15:99-105. (in German with English summary).

Rajala, P. 1979. Status of tetraonid populations in Finland. Pp.32-34 In: Lovel, T. W. I. (ed.). 1979. Woodland Grouse, 1978. Proceedings of a symposium held December 4-8, 1978, Inverness, Scotland. Lamarsh: World Pheasant Association.

Rajala, P., and H. Linden. 1984. Proceedings from the Symposium on Tetraonid Energetics, February 22-24, 1982, Tvärminne, Finland. Finnish Game and Fisheries Research Institute, Helsinki. 43pp.

Randi,, E., G. Fusco, R. Lorenzini, and T. M. Crowe. 1991. Phylogenetic relationships and rates of allozyme evolution within the Phasianidae. Biochem. Syst. Ecol. 19:213-221.

Rands, M.R.W., and T.P. Hayward. 1987. Survival and chick production of hand-reared Gray Partridges in the wild. Wildlife Society Bulletin 15:456-457.

Ranta, E., J. Lindstrom, and H. Linden. 1995. Synchrony in Tetraonid dynamics. Journal of Animal Ecology 64:767-776.

Rasanen, L., P. Kytovour, and A. Ahlstrom. 1972. Nutritional value of game birds. Suomen Kemistilehti 45:314-???.

Rautian, A. S., and G. S. Rautian. 1985. Homologous series in hereditary variations of chromatic aberrations in Tetraonidae. Zhurnal Obshcei Biologii 46:375-388.

Rawley, E. V., and W. J. Bailey. 1964. Utah upland game birds. Utah State Dep. Game Fish Publication 63-12.

Redig, P. T. 1989. The avian ceca: obligate combustion chambers or facultative afterburners? – The conditioning influence of diet. Journal of Experimental Zoology Suppl. 3:66-69.

Reynolds, J. C. 1990. The impact of generalist predators on gamebird populations. *In* Lumeij, J. T., and Y. R. Hoogeveen (Eds.). The Future of wild Galliformes in the Netherlands. Amersfoort, Netherlands. Pp.172-184.

Ridgway, R., and H. Friedmann. 1946. The birds of North and Middle America. Part 10. Galliformes. Smithsonian Institution Bulletin 50:1-484.

Ritcey, R. W., and R. Y. Edwards. 1963. Grouse abundance and June temperatures in

Wells Gray Park, British Columbia. Journal of Wildlife Management 27:604-606.

Robel, R. J. 1972. Possible function of the lek in regulating tetraonid populations. Pp. 121-133 *in* Proceedings of the XVth. International Ornithological Congress.

Robles, S. M. S. 2000. Xanthophyll consumption and its relationship to reproduction in galliform birds. M. Sc. Thesis. University of Nevada, Reno.

Rogers, G. E. 1966. General information on food and cover requirements of grouse in Colorado. Colorado Game, Fish, and Parks Department, Game Information Leaflet No. 39. 4pp.

Romanoff, A. L., G. Bump, and E. Holm. 1938. Artificial incubation of some upland game bird eggs. New York Conservation Department Bulletin No. 2

Romanov, A. N. 1990. Mechanisms of numbers dynamics in the grouse birds (monitoring, modelling, forecasts). Ekologiya 1990(3):42-48.

Rue, L. L. 1973. Game birds of North America. Outdoor Life. New York, Evanston, San Francisco, London. 490pp.

Ryder, R. A. 1960. The grouse of Colorado. Colorado Outdoors 9(1):1-7.

Saether, B.-E., and R. Anderson. 1988. Ecological consequences of body size in grouse Tetraonidae. Fauna Norv., Series C. 11:19-26.

Samigullin, G. M. 1987. The numbers and distribution of gallinaceae in Orenburg Oblast Russian SFSR USSR. Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii 92(6):15-24.

Sandfort, W. W. 1965. Upland Game Birds. CO Game, Fish, and Parks Dept. Game Information Leaflet No. 1. 1 p.

Sands, A., and D. Smurthwaite. 1992. Upland game bird habitat management – on the rise. US Dept Interior, Bureau of Land Management Report No. BLM-ID-PT-92-007-4351. 37pp.

Sands, J. P, and M. D. Pope. 2010. A survey of galliform monitoring programs and methods in the United States and Canada. Wildlife Biology 16:342-356.

Sandys, E., and T. S. Van Dyke 1902. Upland Game Birds. McMillan.

Savory, C. J. 1989. The importance of invertebrate foods to chicks of gallinaceous species. Proceedings of the Nutrition Society 48:113-133.

Scheid, D. W. 1986. Raising game birds: an authoritative practical guide to producing pheasants, quail, grouse, chukars, ducks, geese, and other game birds for pleasure and profit. Brookfield, WI : Farmer's Digest. 111pp.

Schlotthauer, P. H. 1966. All about quail and grouse. Game Bird Breeders Gazette 15:18-22, 31-32.

Schlotthauer, P. H. 1967. All about quail and grouse. Game Bird Breeders, Conservationists and Aviculturist's Gazette 16(3):9-11.

Schroeder, M. A. 1986. A modified noosing pole for capturing grouse. North American Bird Bander 11:42.

Schroeder, M. A. 2002. Management plans and the state of Wisconsin. Grouse Partnership News 3:20-21.

Schroeder, M. A. 2002. Grouse of the Lewis and Clark expedition. Grouse Partnership News 3:30-31.

Schroeder, M. A. 2003. Grouse of the Lewis & Clark expedition. Columbia Magazine Winter 2003-04; 17(4)18-23.

Schroeder, M. A., and R. K. Baydack. 2001. Predation and the management of prairie grouse. Wildlife Society Bulletin 29:24-32.

Schultz, G. A., and R. B. Church. 2005. DNA base sequence heterogeneity in the order galliformes. Journal of Experimental Zoology 179:119-128.

Scott, J. W. 1950. A study of the phylogenetic or comparative behavior of three species of grouse. Annals New York Academy of Science 51:1062-1073.

Sedinger, J. S. 1997. Adaptations to and consequences of an herbivorous diet in grouse and waterfowl. Condor 99:314-326.

Sharp, W. M. 1957. Social and range dominance in gallinaceous birds – pheasants and prairie grouse. Journal of Wildlife Management 21: 242-244.

Shaw, W. T. 1908. The China or Denny Pheasant in Oregon, with notes on the native grouse of the Pacific Northwest. J. B. Lippincott Co. 24pp.

Shea, R. E., J. M. Olson, and R. E. Ricklefs. 2007. Growth rate, protein accumulation, and catabolic enzyme activity of skeletal muscles of galliform birds. Physiological and Biochemical Zoology 80:306-316.

Shibusawa, M., M. Nishibori, C. Nishida-Umehara, M. Tzudzuki, J. Masabanda, D. K. Griffon, and Y. Matsuda. 2004. Karyotypic evolution in the Galliformes: An

examination of the process of karyotypic evolution by comparison of the molecular cytogenetic findings with the molecular phylogeny. Cytogenetic and Genome Research. 106:111-119.

Short, L. L., Jr. 1967. A review of the genera of grouse (Aves: Tetraoinidae). Am. Mus. Nat. Hist. Novit. No. 2289. 39pp.

Shufeldt, R. W. 1882. Osteology of the North American Tetraonidae. U.S. Geological and geographical survey of the territories. Bulletin. 6(2):309-350.

Shufeldt, R. W. 1893. Notes on the trunk selection of a hybrid grouse. Auk 10:281-285.

Siivonen, L. 1952. On the reflection of short-term fluctuations in numbers of tetraonids in Europe. Papers on Game Research 9:1-43.

Siivonen, L. 1954. On the short-term fluctuations in numbers of tetraonids. Papers in Game Research 13:1-10.

Siivonen, L. 1957. The problem of the short-term fluctuations in numbers of tetraonids in Europe. Papers on Game Research 19:1-44.

Smenov, O., and T. Shanskiy. 1979. Ecology of Tetraonids (originally published in Russian, translated in to English). Al Ahram Center for Scientific Translations. 449 pp.

Sokos, C. K., P. K. Birtsas, and E. P. Tsachalidis. 2008. The aims of galliforms release and choice of techniques. Wildlife Biology 14:412-422.

Sonerud, G. A. 1985. Brood movements in grouse and waders as defense against win-stay search in their predators. Oikos. 44:287-300.

Spaulding, A. 2007. Rapid courtship evolution in grouse (Tetraonidae): contrasting patterns of acceleration between the Eurasian and North American polygynous clades. Proceedings of the Royal Society B: Biological Sciences 274:1079-1086.

Spaulding, A. W. 2007. Rapid evolution due to sexual selection in grouse and wood warblers. Ph. D. Dissertation. Utah State University. 137pp.

Starling, A. E. 1991. Workshop summary: Captive breeding and release. Ornis Scandinavica 22:255-257.

Stejneger, L. 1899. Relationships of North American grouse and quail (review of Clark 1898). American Naturalist 33:259-263.

Stock, A. D., and T. D. Bunch. 1982. The evolutionary implications of chromosome-

banding pattern homologies in the bird order galliformes. Cytogenetics and Cell Genetics 34:136-148.

Stockwell, G. A. 1888. Physiological relations of gular vocalization in grouse. Journal of Comparative Medicine 9:127-135.

Stokes, A. W., and H. W. Williams. 1971. Courtship feeding in Gallinaceous birds. Auk 88:543-559.

Storch, I. 2000. Conservation status and threats to grouse worldwide: an overview. Wildlife Biology 6:195-204.

Storch, I. 2000. Grouse science as a process: where do we stand? Wildlife Biology 6:285-290.

Storch, I. 2000. Status survey and conservation action plan 2000-2004: Grouse. IUCN, Gland, Switzerland, and Cambridge, UK, and The World Pheasant Association, Reading, UK. 112pp.

Storch, I. 2007. Conservation status of grouse worldwide: An update. Wildlife Biology 13 (Suppl. 1):5-12.

Storch, I. 2007. Grouse: status survey and conservation action plan 2006-2010. IUCN Grouse Specialist Group. 124pp.

Storch, I. 2007. Grouse taxonomy – an ongoing story… Grouse News 34:20-21.

Storch, I. 2007. Assessing grouse habitats in the Alps: the complication of small-scale spatiotemporal variation in rainfall patterns. Pp. 143-154 *in* Temporal Dimensions of Landscape Ecology: Wildlife Responses to Variable Resources. J. B. Bissonette and I. Storch (Eds.). Springer. New York.

Storch, I. 2011. Is GPS and satellite telemetry an option for grouse research? Grouse News 41:24-25.

Stuwe, G. 1971. Beobachtungen zur Frage der Tetraoniden-Bastardierung. [Observations on the question of Tetraonid hybridization.] European Journal of Wildlife Research 17:60-78. (in German with English summary).

Suomalainen, H., and E. Arhimo. 1945. On the microbial decomposition of cellulose by gallinaceous birds (family Tetraonidae). Ornis Fennica 22:21-23.

Suul, J. 1985. Bird records from the eighteenth century. Grouse 'netting'. Var Fuglefauna 8(1):37-38.

Tachenko, V. I. 1966. [The ecology of game birds in the alpine region of northwestern

Caucasus.] Trudy Teberdinskavo Gusudarstvennave Zapovednika 6:5-144. (in Russian).

Taverner, P. A. 1929. Random notes on the fluctuation in numbers of rodents and grouse in Canada. Canadian Field Naturalist 43:162-164.

Taylor, W. P. 1923. Upland game birds in the state of Washington, with a discussion of some general principles of game importation. The Murrelet 4:3-15.

Tegetmeier, W. B. 1904. Abnormal eggs of pheasant and grouse. Bulletin of the British Ornithological Club 14:77.

Thomas, V. G. 1975. Aspects of fat and carbohydrate metabolism of galliform and anseriform birds exposed to cold. Ph. D. Dissertation. University of Guelph.

Thomas, V. G. 1987. Nutritional, morphological, and behavioural considerations for rearing birds for release. Journal of Ornithology 128:423-430.

Toepfer, J. E. 2004. What the heck is a lek? Grouse Partnership News 5:36-37.

Tornberg, R. 1990. [The effect of fluctuations in tetraonid populations on the nutrition and breeding success of the Goshawk in Oulu district in 1965--1988.] Suomen Riista 36: 53-61. (in Finnish with English summary).

Tornberg, R. 2000. Effect of changing landscape structure on the predator-prey interaction between goshawk and grouse. PhD Dissertation. University of Oulo, Finland.

Tornberg, R. 2001. Pattern of Goshawk *Accipiter gentiles* predation on four forest grouse species in northern Finland. Wildlife Biology 7:245-256.

Tornberg, R., and S. Sulkava. 1991. The effect of changing tetraonid populations on the nutrition and breeding success of the Goshawk (*Accipiter gentilis* L.) in northern Finland. Aquilo Ser Zoologica 28:23-33.

Trail, P. W. 2003. Identifying wings of North American grouse, prairie chickens, pheasant, and partridge. Identification Guides for Wildlife Law Enforcement No. 5. USFWS, National Fish and Wildlife Forensics Laboratory, Ashland, OR.

Trouvilliez, J., J. M. Gaillard, D. Allaine, and D. Pontier. 1988. Stratégies démographiques et gestion des populations chez les oiseaux: particularités des galliformes. [Demographic strategies and managment of birds populations: characteristics of galliformes.] Gibier Faune Sauvage 5:27-41 (in French).

Unger, C., and S. Klaus. 2005. Schutz und Nutzung der Raufusshuehner in Europe. [Conservation and use of grouse in Europe.] Beitraege zur Jagd- und

Wildforschung 30:131-140. (in German with English summary).

Valentine, I. 1991. Grouse – captive breeding and reintroductions. Grouse News 1:5-6.

Valkama, J., E. Korpimaki, B. Arroyo, P. Beja, V. Bretagnolle, E. Bro, R. Kenward, S. Manosa, S. M. Redpath, S. Thirgood, and J. Vinuela. 2005. Birds of prey as limiting factors of gamebird populations in Europe: a review. Biological Review 80:171-203.

Van Dyke, T. S. 1895. Game birds at home. Fords, Howard & Hulbert. 219pp.

Viht, E. 1995. Estimates of Estonian tetraonid populations in 1978-1991 from transect counts. Proceedings International Symposium on Grouse, Udine, Italy, 1993. 6:174.

Watson, A. 2007. Cripple loss from grouse shooting: a brief review. Grouse News 34:3-7.

Watson, A., and R. Moss. 1979. Population cycles in the Tetraonidae. Ornis Fenn. 56:87-109.

Watson, A., and R. Moss. 2008. Grouse: The natural history of British and Irish species. HarperCollins, Lomdon, UK. 529pp.

Westerskov, K. 1949. Scandinavian grouse: a discussion of the suitability of the northern peninsula for them. Michigan Conservationist 18(2):26-31.

Westerskov, K. 1950. Methods for determining the age of game bird eggs. Journal of Wildlife Management 14:56-67.

Westerskov, K. 1956. Altersbestimmung und Schlüpfzeitdatierung mit Hilfe der Handschwingen europäischer Hühnervögel. [Age determination and slipping time dating with the help of the hand rockers of European chicken birds.] Zeitschrift für Jagdwissenschaft 4:130-138. (in German with English summary).

Wetmore, A. 1959. Notes on certain grouse of the Pleistocene. Wilson Bulletin 71:178-182.

Wetmore, A. Water, Prey, and Game Birds of North America. Pp. 274-276.

White, E. M., and G. F. Bennett. 1979. Avian Haemoproteidae. 12. The haemoproteids of the grouse family Tertraonidae. Canadian Journal of Zoology 57:1465-1472.

Widemo, F., and I. P. F. Owens. 1999. Size and stability of vertebrate leks. Animal Behavior 58:1217-1221.

Wiley, R. H. 1974. Evolution of social organization and life history patterns among grouse. Quarterly Review of Biology 49:201-227.

Williams, B. O. 1998. American Wingshooting: A Twentieth Century Pictorial Saga. Willow Creek Press, Minocqua, WI. 159pp.

Williams, G. R. 1954. Population fluctuations in some Northern Hemisphere game birds (Tetraonidae). Journal of Animal Ecology 23:1-34

Williams, R. 1979. Oddities of the grouse clan. Wyoming Wildlife 43(10)4-5.

Wilmering, U. 1979. Recommendations for breeding grouse in captivity. World Pheasant Association Journal 5:54-57.

Wilson, K. 1990. A grouse counting system. Annual Report of the Joseph Nickerson Reconciliation Project 6:50-51.

Wittenberger, J. F. 1978. The evolution of mating systems in Grouse. Condor 80:126-137.

World Pheasant Association and IUCN/SSC Re-introduction Specialist Group (eds.). 2009. Guidelines for the re-introduction of galliformes for conservation purposes. Gland, Switzerland, and Newcastle-upon-Tyne, UK. 86pp.

Wright, P. L., and R. W. Hiatt. 1943. Outer primaries as age determiners in gallinaceous birds. Auk 60:265-266.

Yapp, W. B. 1983. Game-Birds in medieval England. Ibis 125:218-221.

Zammuto, R. M. 1986. Life histories of birds: clutch size, longevity, and body mass among North American game birds. Canadian Journal of Zoology 64:2739-2449.

Zwickel, F. C., and M. A. Schroeder. 2003. Grouse of the Lewis and Clark expedition. Northwestern Naturalist 84:1-19.

Related Topics

Allen, G. T., and P. Ramirez. 1990. A review of bird deaths on barbed-wire fences. Wilson Bulletin 102:553-558.

Alonso, J. C., J. A. Alonso, and R. Munoz-Pulido. 1994. Mitigation of bird collisions with transmission lines through groundwire marking. Biological Conservation 67:129-134.

Amstrup, S. C. 1980. A radio-collar for game birds. Journal of Wildlife Management 44:214-217.

Applegate, R. D., B. E. Flock, and E. J. Finck. 2003. Changes in land use in eastern Kansas, 1984-2000. Transactions of the Kansas Academy of Science 106:192-197.

Applegate, R. D., B. E. Jamison, R. J. Robel, and K. E. Kemp. 2000. Effects of passive intergrated transponders on Ring-necked Pheasant chicks. Transactions of the Kansas Academy of Science 103:150-156.

Avery, M. L. (Editor) 1978. Impacts of transmission lines on birds in flight: Proceedings of a Workshop. Interagency Agreement no. 40-570-76 between US Dept Interior and US Dept. Energy. US FWS publication FWS/OBS-78-48. 151pp.

Bech, N., C. Novoa, J. F. Allienne, and J. Boissier. 2010. Transferability of microsatellite markers among economically and ecologically important galliform birds. Genetics and Molecular Research 9:1121-1129.

Beniston, M. 2003. Climate change in mountain regions: a review of possible impacts. Climate Change 59:5-31.

Bennett, L. J. 1936. The Ring-necked Pheasant as a nesting parasite of other game birds. Iowa State College Journal of Science 10:373-375.

Bevanger, K. 1999. Estimating bird mortality caused by collision and electrocution with power lines; a review of methodology. Pp. 29-56 *In* M. Ferrer, and G. F. E. Janss (editors). Birds and power lines: collision, electrocution, and breeding. Servicios Informativos Ambientales/Quercus, Madrid, Spain.

Bidwell, T. G. Pheasant management in Oklahoma. OSU Extension Facts, No. 9012. 4pp.

Bowman, J., M. C. Wallace, W. B. Ballard, J. H. Brunjes, M. S. Miller, and J. M. Hellman. 2002. Evaluation of two techniques for attaching radio transmitters to

turkey poults. Journal of Field Ornithology 73:276-280.

Boyd, C. S. 1999. The effects of burning season and frequency on the vegetative character and insect abundance of sand shinnery oak range in western Oklahoma. Ph. D. dissertation. Oklahoma State University, Stillwater. 133 pages.

Boyd, C. S., and T. G. Bidwell. 2002. Effects of prescribed fire on shinnery oak (*Quercus havardii*) plant communities in western Oklahoma. Restoration Ecology 10:324-333.

Boyd, C. S., D. Rollins, and D. M. Engle. 1997. Is good range management *for livestock* really good management *for wildlife*? Rangelands 19(5):19-21

Boyd, C. S., L. T. Vermeire, T. G. Bidwell, and R. L. Lochmiller. 2001. Nutritional quality of shinnery oak buds and catkins in response to burning or herbevory. Southwestern Naturalist 46:295-301.

Boyter, M. J., J. E. Brummer, and W. C. Leininger. 2009. Growth and metal accumulation of Geyer and mountain willow grown in topsoil versus amended mine tailings. Water, Air, and Soil Pollution 198:17-29.

Branson, F. A. 1985. Vegetative changes on western rangelands. S.R.M. Range Monographs No. 2. 76pp.

Braun, C. E., M. F. Baker, R. L. Eng, J. W. Gashwiler, and M. H. Schoeder. 1976. Conservation committee report on effects of alteration of sagebrush communities on the associated avifauna. Wilson Bulletin 88:165-171.

Brennan, L. A. 2007. Texas Quails: ecology and management. Texas A&M University Press, College Station. 491pp.

Bro, E., P. Mayot, E. Corda, and F. Reitz. 2004. Impact of habitat management on Grey Partridge populations: assessing wildlife cover using a multisite BACI experiment. Journal of Applied Ecology 41:846-857.

Bro, E., F. Sarrazin, J. Clobert, and F. Reitz. 2000. Demography and the decline of the Grey Partridge *Perdix perdix* in France. Journal of Applied Ecology 37:432-448.

Bruckner, D. W. 2007. Considerations on the morality of meat consumption: hunted-game versus farm-raised animals. Journal of Social Philosophy 38:311-330.

Buerger, T. T., R. E. Mirarchi, and M. E. Lisano. 1986. Effects of lead shot ingestion on captive Mourning Dove survivability and reproduction. Journal of Wildlife Management 50:1-8.

Cable, T. T., S. Seltman, and K. J. Cook. 1996. Birds of Cimarron National Grassland. USDA Forest Service Gen. Tech. Rep. RM-GTR-281

Call, M. W., and C. Maser. 1985. Wildlife habitats in managed rangelands—The Great Basin of Southeastern Oregon – Sage Grouse. U.S.F.S. Gen. Tech. Rep. PNW-187.

Callaghan, T. V., L. O. Bjorn, Y. Chernov, T. Chapin, T. R. Christensen, B. Huntley, R. A. Ims, M. Johansson, D. Jolly, S. Jonasson, N. Matveyeva, N. Panikov, W. Oechel, G. Shaver, J. Elster, H. Henttonen, K. Laine, K. Taulavuori, E. Taulavuori, and C. Zockler. 2004. Biodiversity, distributions and adaptations of Arctic species in the context of environmental change. Ambio 33:404-417.

Callo, P. A., P. A. Callo, and K. Fristrup. 2002. An inexpensive automated site monitor using radiotelemetry. Wildlife Society Bulletin 30:420-424.

Cannone, N., S. Sgorbati, and M. Guglielmin. 2007. Unexpected impacts of climate change on alpine vegetation. Frontiers in Ecology and Environment 5:360-364.

Carrinton, M. E., and R. E. Mirarchi. 1989. Effects of lead shot ingestion on free-ranging Mourning Doves. Bulletin of Environmental Contamination and Toxicology 43:173-179.

Chapman, D. S., M. Termansen, C. H. Quinn, N. Lin, A. Bonn, S. J. Cornell, E. D. G. Fraser, K. Hubacek, W. E. Kunin, and M. S. Reed. 2009. Modelling the coupled dynamics of moorland management and upland vegetation. Journal of Applied Ecology 46:278-288.

Clark, A. J., and A. M. Scheuhammer. 2002. Lead poisoning in upland-foraging birds of prey in Canada. Ecotoxicology 12:23-30.

Clifton, N. A. 1981. Response to prescribed fire in Wyoming big sagebrush/bluebunch wheatgrass habitat type. MS Thesis. University of Idaho.

Cochran, W. W., and L. L. Pater. 2000. Direction finding at Ultra High Frequencies (UHF): improved accuracy. Wildlife Society Bulletin 29:594-599.

Cole, F. R., L. L. Loope, A. C. Medeiros, J. A. Raikes, C. S. Wood, and L. J. Anderson. 1995. Ecology of introduced game birds in high-elevation shrubland of Haleakala National Park. Univ. Hawaii at Manoa / Nat. Park Serv. Tech. Rep. 96. Coop. Agreement CA8032-2-0001.

Coppedge, B. R., D. M. Engle, R. M. Masters, and M. S. Gregory. 2004. Predicting juniper encroachment and CRP effects on avian community dynamics in southern mixed-grass prairie, USA. Biological Conservation 115:431-441.

Corneli, H. M. 2002. Mice in the freezer, owls on the porch – The lives of naturalists Frederick and Frances Hamerstrom. University of Wisconsin Press, Madison. 347.

Cory, C. B. 1909. The birds of Illinois and Wisconsin. Pp.439-441.

Cote, I. M., and W. J. Sutherland. 1997. The effectiveness of removing predators to protect bird populations. Conservation Biology 11:395-405.

Coues, E. 1876. The destruction of birds by telegraph wires. American Naturalist 10:734-736.

Craig, R. J. 2006. Endangered species, provincialism, and a continental approach to bird conservation. Avian Conserv. Ecol. 1(2): 1. [online]: http://www.ace-eco.org/vol1/iss2/art1/

Cully, A. C., J. F. Cully, and R. D. Hiebert. 2003. Invasion of exotic plant species in tallgrass prairie fragments. Conservation Biology 17:990-998.

Davidson, I., and Y. Braverman. 2005. Insect contribution to horizontal transmission of Reticuloendotheliosis virus. Journal of Medical Entomology 42:128-133.

Delehanty, D. J. 1997. Mountain Quail reproduction and restoration in the Great Basin. PhD Dissertation. University of Nevada, Reno.

Drewien, R. C., H. M. Reeves, P. F. Springer, and T. L. Kuck. 1967. Back-pack unit for capturing waterfowl and upland game by night-lighting. Journal of Wildlife Management 31:778-783

Drewitt, A. L., and R. H. W. Langston. 2008. Collision effects of wind-power generators and other obstacles on birds. Annals of the New York Academy of Sciences 1134:233-266.

Duck, L. G., and J. B. Fletcher. 1944. A survey of game and fur-bearing animals of Oklahoma. Oklahoma Game and Fish Department State Bulletin 3. 144pp.

Duebbert, H. F., E. T. Jacobson, K. F. Higgens, and E. B. Podoll. 1981. Establishment of seeded grasslands for wildlife habitat in the prairie pothole region. U.S.F.W.S. Special Scientific Report-Wildlife No. 234. 21pp.

Dumke, R. T. and C. M. Pils. 1973. Mortality of radio-tagged pheasants on the Waterloo Wildlife Area. Wisconsin Department of Natural Resources Technical Bulletin 72.

Ellenberg, H. 1992. Eutrophication and its consequences for habitat, species and

conservation. Grouse News 3:5-7.

Elmore, D., D. Wolfe, and K. Allen. 2010. Impacts of lead ammunition and sinkers on wildlife. Oklahoma Cooperative Extension Service NREM-9015. 4pp.

Engle, D. M., and T. G. Bidwell. 2001. Viewpoint: The response of central North American prairies to seasonal fire. Journal of Range Management 54:2-10.

Erickson, W. P., T. L. McDonald, K. G. Gerow, S. Howlin, and J. W. Kern. 2001. Statistical issues in resourse selection studies with radio-marked animals. Pp. 209-242 *in* Radio Tracking and Animal Populations. Academic Press.

Errington, P. L. 1946. Predation and vertebrate populations. Quarterly Review of Biol. 21:144-177.

Errington, P. L. 1946. Predation and vertebrate populations (concluded). Quarterly Review of Biol. 21:221-245.

Erritzoe, J. T. D. Mazgajski, and L. Rejt. 2003. Bird casualties on European roads – a review. Acta Ornithol. 38:77-93.

Evans, R. D., and C. W. Wolfe. 1967. Effects of nest searching on fates of pheasant nests. Journal of Wildlife Management 31:754-759.

Faanes, C. A. 1987. Bird behavior and mortality in relation to power lines in prairie habitats. USFWS Fish and Wildl. Tech. Rep. 7.

Fair, J. M., and O. B. Myers. 2002. The ecological and physiological costs of lead shot and immunological challenge to developing Western Bluebirds. Ecotoxicology 11:199-208.

Fairchild, J. A., J. N. Davis, and J. D. Brotherson. 2005. Big sagebrush response to one-way and two-way chaining in southeastern Utah. Pp. 70-74 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Fannon, C. 2002. Prairie birds need native grasses. Grouse Partnership News 3:22-23.

Fannon, C. 2002. A prairie is grasses. Grouse Partnership News. 3:24-25.

Farquhar, C. C. 1986. Ecology and breeding behavior of the White-tailed Hawk on the northern coastal prairies of Texas. PhD Dissertation. TAMU.

Fichter, E., G. Schildman, and J. H. Sather. 1955. Some feeding patterns of coyotes in Nebraska. Ecological Monographs 25:1-37.

Fletcher, R. J. Jr., B. A. Robertson, J. Evans, P. J. Doran, J. R. R. Alavalapati, and D. W. Schemske. 2010. Biodiversity conversation in the era of biofuels: risks and opportunities. Frontiers in Ecology and the Environment XXX:XXX-XXX. (online early).

Forrester, N. D., F. S. Guthery, S. D. Kopp, and W. E. Cohen. 1998. Operative temperature reduces habitat space for Northern Bobwhites. Journal of Wildlife Management 62:1506-1511.

Freilich, J. E., J. M. Emlen, J. J. Duda, D. C. Freeman, and P. J. Cafaro. 2003. Ecological effects of ranching: a six-point critique. Bioscience 53:759-765.

Fuhlendorf, S. D., and D. M. Engle. 2001. Restoring heterogeneity on rangelands: ecosystem management based on evolutionary patterns. BioScience 51:625-632.

Fuhlendorf, S. D., and D. M. Engle. 2004. Application of the fire-grazing interaction to restore a shifting mosaic on tallgrass prairie. Journal of Applied Ecology 41:604-614.

Fuhlendorf, S. D., D. M. Engle, D. C. Arnold, and T. G. Bidwell. 2001. Influence of herbicide application on forb and arthropod communities of North American tallgrass prairies. Agriculture, Ecosystems, and Environment 1869:1-9.

Ganguli, A. C., D. M. Engle, P. M. Mayer, and S. D. Fuhlendorf. 2008. When are native species inappropriate for conservation plantings? Rangelands December 2008:27-32.

Garrettson, P. R., and F. C. Rowler. 2001. Effects of mammalian predator removal on production of upland-nesting ducks in North Dakota. Journal of Wildlife Management 65:398-405.

George, R. R., A. L. Farris, C. C. Schwartz, D. D. Humburg, and J. C. Coffey. 1978. Native prairie grass pastures as nesting habitat for bobwhite quail and Ring-necked Pheasants. Iowa Wildlife Research Bulletin No. 21. 14pp.

George, R. R., A. L. Farris, C. C. Schwartz, D. D. Humburg, and J. C. Coffey. 1979. Native prairie grass pastures as nest cover for upland birds. Wildlife Society Bulletin 7:4-9.

Gill, R. E. 1996. Strategies for retaining Conservation Reserve Program acreage in southeast Idaho. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Gilmer, D. S., L. M. Cowardin, R. L. Duval, L. M. Mechlin, C. W. Shaiffer, V. B. Kuechle. 1981. Procedures for the use of aircraft in wildlife biotelemetry

studies. U.S.F.W.S. Resource Publ. 140, Washington, DC. 19pp.

Godfrey, G. A. 1970. A transmitter harness for small birds. International Bird Banding Association News. 42:3-5.

Goldstein, D. L. 1989. Absorption by the cecum of wild birds: is there interspecific variation? Journal of Experimental Zoology Suppl. 3:103-110.

Grindstaff, J. L., E. D. Brodie III, and E. D. Ketterson. 2003. Immune function across generations: integrating mechanism and evolutionary process in maternal antibody transmission. Proceedings of the Royal Society of London B 270:2309-2319.

Gulas-Wroblewski, B. E., and A. F.-J. Wrobleski. 2003. A crown-group galliform bird from the middle Eocene Bridger Formation of Wymoing. Paleontogy 46:1269-1280.

Guthery, F. S. 2000. On Bobwhites. Texas A&M University Press. 213pp.

Guthery, F. S., and S. L. Beasom. 1977. Responses of game and nongame wildlife to predator control in south Texas. Journal of Range Management 30:404-409.

Guthery, F. S., J. Custer, and M. Owen. 1980. Texas Panhandle pheasants: their history, habitat needs, habitat development opportunities, and future. USFS Gen. Tech. Report RM-74.

Guthery, F. S., C. L. Land, and B. W. Hall. 2001. Heat loads on reproducing bobwhites in the semiarid subtropics. Journal of Wildlife Management 65:111-117.

Guthery, F. S., A. R. Rybak, S. D. Fuhlendorf, T. L. Hiller, S. G. Smith, W. H. Pucket, Jr., and R. A. Baker. 2005. Aspects of the thermal ecology of bobwhites in north Texas. Wildlife Monographs No. 159:1-36.

Hagen, C. A., N. C. Kenkel, D. J. Walker, R. K. Baydack, and C. E. Braun. 2001. Fractal-based spatial analysis of radiotelemetry data. Pp. 167-187 *in* Radio Tracking and Animal Populations. Academic Press.

Hampton, N. 2005. Insects of the Idaho National Laboratory: a compilation and review. Pp. 116-130 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Harrell, W. C., and S. D. Fuhlendorf. 2002. Evaluation of habitat structural measures in a shrubland community. Journal of Range Management 55:488-493.

Harrell, W. C., S. D. Fuhlendorf, and T. G. Bidwell. 2001. Effects of fire on sand shinnery oak communities. Journal of Range Management 54:685-690.

Harrison, B. D. Inouye, and H. D. Safford. 2003. Ecological heterogeneity in the effects of grazing and fire on grassland diversity. Conservation Biology 17:837-845

Hayward, M. W., and G. I. H. Kerley. 2009. Fencing for conservation: Restriction of evolutionary potential or a riposte to threatening processes? Biological Conservation 142:1-13.

Heady, H. F., R. P. Gibbens, and R. W. Powell. 1959. A comparison of the charting, line intercept, and line point methods of sampling shrub types of vegetation. Journal of Range Management 12:180-188.

Heisey, D. M., and T. K. Fuller. 1985. Evaluation of survival and cause specific mortality rates using telemetry data. Journal of Wildlife Management 49:668-674.

Henke, S. E. 2002. Coyotes: friend or foe of Northen Bobwhite in southern Texas. Pages 57-60 in S. J. DeMaso, W. P. Kuvlesky, Jr., F. Hernandez, and M. E. Berger, eds. Quail V: Proceedings of the fifth national qual symposium. TX Parks Wildl. Dept., Austin.

Henke, S. E., and F. C. Bryant. 1999. Effects of coyote removal on the faunal community in western Texas. Journal of Wildlife Management 63:1066-1081.

Herkert, J. R. 1991. Prairie birds of Illinois: population response to two centuries of habitat change. Illinois Natural History Survey Bull. 34:393-400.

Herkert, J. R. 1991. The influence of two centuries of habitat change on grassland bird populations in Illinois. Meadowlark 2(1)4-8.

Herkert, J. R., D. L. Reinking, D. A. Wiedenfeld, M. Winter, J. L. Zimmerman, W. E. Jensen, E. J. Fink, R. R. Kolfold, D. H. Wolfe, S. K. Sherrod, M. A. Jenkins, J. Faaborg, and S. K. Robinson. 2003. Effects of prairie fragmentation on the nest success of breeding birds in the Midcontinental United States. Conservation Biology 17:587-594.

Herkert, J. R., R. E. Szafoni, V. M. Kleen, and J. E. Schwegman. 1993. Habitat establishment, enhancement, and management for forest and grassland birds in Illinois. IL Dept. Cons. Natural Heritage Tech. Publ. #1. 21 pp.

Hernandez, F., S. E. Henke, N. J. Silvy, and D. Rollins. 2001. Comparison of success between actual Northern Bobwhite and Wild Turkey nests and simulated nests. Wildlife Society Bulletin 29:1212-1218.

Hernandez, F., S. E. Henke, N. J. Silvy, and D. Rollins. 2003. Effects of pickly pear control on survival and nest success of Northern Bobwhite in Texas. Wildlife Society Bulletin 31:521-527.

Hernandez, F., D. Rollins, and R. Cantu. 1997. Evaluating evidence to identify ground-nest predators in west Texas. Wildlife Society Bulletin 25:826-831.

Hewes, L. 1981. Early fencing on the western margin of the prairie. Annals Assoc. American Geographers 71:499-526.

Hewes, L., and C. L. Jung. 1981. Early fencing on the middle western prairie. Annals of the Association of American Geographers 71:177-201

Higgens, K. F. 1975. Shorebird and game bird nests in North Dakota croplands. Wildlife Society Bulletin 3:176-179.

Higgens, K. F., and W. T. Barker. 1982. Changes in vegetation structure in seeded nesting cover in the prairie pothole region. U.S.F.W.S. Special Scientific Report-Wildlife No. 242. 27pp.

Higgens, K. F., A. D. Kruse, and J. L. Piehl. 1989. Prescribed burning guidelines in the northern Great Plains. U.S.F.W.S. EC 760. 36pp.

Higgens, K. F., A. D. Kruse, and J. L. Piehl. 1989. Effects of fire in the northern Great Plains. U.S.F.W.S. EC 761. 47pp.

Hofle, U., J. Millan, C. Gortazar, F. J. Buenestada, I. Marco, and R. Villafuerte. 2004. Self-injury and capture myopathy in net-captured juvenile Red-legged Partridge with necklace radiotags. Wildlife Society Bulletin 32:344-350.

Holler, J. I. 2000. Avian diversity, abundance, and conservation on a large prairie landscape reserve in northwestern Minnesota. M. Sc. Thesis. University of Minnesota.

Horkel, J. D., R. S. Lutz, and N. J. Silvy. 1978. The influence of environmental parameters on nesting success of upland game birds. Proc. Ann. Conf. S. E. Assoc. Fish & Wildl. Agencies 32:234-241.

Howard, H., and A. H. Miller. 1933. Bird remains from cave deposits in New Mexico. Condor 35:15-18.

Hubbard, M. W., L. –L. C. Tsao, E. E. Klaas, M. Kaiser, and D. H. Jackson. 1998. Evaluation of transmitter attachment techniques on growth of Wild Turkey poults. Journal of Wildlife Management 62:1574-1578.

Illinois Dep. Nat. Resources, Div. Nat. Heritage. 1998. Prairie Ridge State Natural Area. 12pp.

Jackson, D. W. G. R. J. Law, and C. F. Nockels. 1978. Maternal vitamin E alters passively acquired immunity of chicks. Poultry Science 57:70-73.

Jacoby, P. W., J. E. Slosser, and C. H. Meadors. 1983. Vegetational responses following control of sand shinnery oak with tebuthiuron. Journal of Range Management 36:510-512.

Janss, G. F. E., and M. Ferrer. 2003. Rate of bird collisions with power lines: effects of conductor-marking and static wire-marking. Journal of Field Ornithogy 69:8-17.

Jayasinghe, R., L. J. S. Tsuji, W. A. Gough, J. D. Karagatzides, D. Perera, and E. Nieboer. 2004. Determining the background levels of bismuth in tissues of wild game birds: a first step in addressing the environmental consequences of using bismuth shotshells. Environmental Pollution 132:13-20.

Jenkins, A. R., J. J. Smallie, and M. Diamond. 2010. Avian collisions with power lines: a global review of causes and mitigation with a South African perspective. Bird Conservation International XXX:XXX-XXX (online early).

Johnsen, T. N., and H. L. Morton. 1991. Long-term tebuthiuron content of grasses and shrubs on semiarid grasslands. Journal of Range Management 44:249-253.

Johnson, D. H., and A. T. Klett. 1985. Quick estimates of success rates of duck nests. Wildlife Society Bulletin 13:51-53.

Jones, R. E. 1962. The quantitative phenology of two plant communities in Osage County, Oklahoma. Proceedings of the Oklahoma Academy of Science 42:31-38.

Jones, T. A., and S. R. Larson. 2005. Status and use of important native grasses adapted to sagebrush communities. Pp. 49-55 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Jones, V. E. 1983. Effects of Tebuthiuron on a sand shinnery oak (Quercus harvardii) community. Ph. D. Dissertation. Texas Tech. University.

Jones, V. E., and R. D. Pettit. 1984. Low rates of tebuthiuron for control of sand shinnery oak. Journal of Range Management 37:488-490.

Kantrud, H. A. 1981. Grazing intensity effects on the breeding avifauna of North Dakota native grasslands. Canadian Field-Naturalist 95:404-417.

Kansas State University Student Chapter of the Wildlife Society. 1966. Kansas upland game birds. 11pp.

Kantrud, H. A., and K. F. Higgins. 1992. Nest and nest site characteristics of some ground-nesting, non-passerine birds of northern grassland. Prairie Naturalist 24:67-84.

Kaplan, E. L., and P. Meier. 1958. Nonparametric estimation from incomplete observations. J. American Statistical Assoc. 53:457-481.

Kendall, R. J., T. E. Lacher, Jr., C. Bunck, B. Daniel, C. Driver, C. E. Grue, F. Leighton, W. Stansley, P. G. Watanabe, and M. Whitworth. 1996. An ecological risk assessment of lead shot exposure in non-waterfowl avian species: upland game birds and raptors. Environ. Toxic. And Chem. 15:4-20.

Kendall, R. J., P. F. Scanlon, and R. T. DiGiulio. 1982. Toxicology of ingested lead shot in ringed turtle doves. Arch. Environ. Contamin. Toxicol. 11:259-263.

Kerley, L. 1994. Bird responses to habitat fragmentation caused by sagebrush management in a Wyoming sagebrush steppe ecosystem. PhD Dissertation. Univ. Wyom.

Kimmel, R. O. (Ed.) 1988. Potential impacts of Ring-necked Pheasants on other game birds. IN Div. Fish and Wildl., Bloomington.

Kimmel, R. O. 1996. Human imprinting – applications for avian research and re-introductions. (Abstract only) in Sage and Columbian Sharp-tailed Grouse workshop, O.O. Oedkoven, editor.

Kirsch, L. M., H. F. Duebbert, and A. D. Kruse. 1978. Grazing and haying effects on habitats of upland nesting birds. Pp.486-497 *in* Trans. 43rd. North American Wildl. and Nat. Resources Conference.

Kirsch, L. M., and A. D. Kunse. 1973(1972). Prairie fires and wildlife. Proc. Annual Tall Timbers Fire Ecol. Conf. 12:289-303.

Klasing, K. C. 1998. Nutritional modulation of resistance to infectious diseases. Poultry Science 77:1119-1125.

Klett, A. T., and D. H. Johnson. 1982. Variability in nest survival rates and implications to nesting studies. Auk 99:77-87.

Klett, A. T. H. F. Duebbert, C. A. Faanes, and K. F. Higgins. 1986. Techniques for studying nest success of ducks in upland habitats in the Prairie Pothole Region. US Fish Wildl. Serv. Resour. Publ. 158:1-24.

Knick, S. T., D. S. Dobkin, J. T. Rotenberry, M. A. Schroeder, W. M. Vander Haegen, and C. van Riper III. 2003. Teetering on the edge or too late? Conservation and research issues for avifauna of sagebrush habitats. Condor 105:611-634.

Koivula, M. J., and T. Eeva. 2010. Metal-related oxidative stress in birds. Environmental Pollution XXX:XXX-XXX (online early).

Kostecke, R. M., G. M. Linz, and W. J. Bleier. 2001. Survival of avian carcasses and photographic evidence of predators and scavengers. J. Field Ornithol. 72:439-447.

Krapu, 1974. Avian mortality from collisions with overhead wires in North Dakota. Prairie Naturalist 6:1-6.

Kreager, N., B. C. Wainman, R. K. Jayasinghe, and L. J. S. Tsuji. 2008. Lead pellet ingestion and liver-lead concentrations in upland game birds in southern Ontario, Canada. Archives of Environmental Contamination and Toxicology 54:331-336.

Kruse, A. D., and J. L. Piehl. The impact of prescribed burning on ground-nesting birds. Pp. 153-156 in Proc. Ninth North American Prairie Conference.

Lack, D. 1947. The significance of clutch-size in the Partridge (*Perdix perdix*). J. Anim. Ecol. 16:19-25.

Lambert, S. M. 2005. Seeding considerations in restoring big sagebrush habitat. Pp. 75-80 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Launchbuagh, J. L., and C. E. Owensby. 1978. Kansas rangelands: Their management based on a half century of research. Bull. 622. Kansas Agricultural Experiment Station.

Laycock, W. A. 1967. How heavy grazing and protection affect sagebrush-grass ranges. J. Range Manage. 20:206-213.

Laycock, W. A. 1991. Stabel states and thresholds of range condition on North American rangelands – a viewpoint. Journal of Range Management 44:427-433.

Lee, J. E., G. C. White, R. A. Garrott, R. M. Bartmann, and A. W. Alldredge. 1985. Accessing accuracy of a radiotelemetry system for estimating animal location. J. Wildl. Manage. 49:658-663.

Leigh, W. H. 1940. Preliminary studies on parasites of upland game birds and fur-bearing mammals in Illinois. Illinois Natural History Survey Bulletin 21:185-

194.

Leopold, A. 1931 Game survey of the north central states.

Leopold, A., E. B. Moore, and L. K. Sowls. 1939. Wildlife food patches in southern Wisconsin. J. Wildl. Manage. 3:60-69.

Lewis, L. A., R. J. Poppenga, W. R. Davidson, J. R. Fischer, and K. A. Morgan. 2001. Lead toxicosis and trace element levels in wild birds and mammal at a firearms training facility. Arch. Environ. Contam. Toxicol. 41:208-214.

Lewis, M. E. 1989. National Grasslands in the Dust Bowl. Geographic Review 79:161-171.

Liukkonen-Antilla, T., A. Putaala, and R. Hissa. 1999. Does shifting from a commercial to a natural diet affect the nutritional status of hand-reared Grey Partridges *Perdix perdix*? Wildl. Biol. 5:147-156.

Liukkonen-Antilla, T., A. Putaala, and R. Hissa. 2002. Feeding of hand-reared Grey Partridge *Perdix perdix* chicks – importance of invertebrates. Wildl. Biol. 8:11-19.

Lyons, E. K. 2002. Effects of short-term predator control on nesting success and survival of Northern Bobwhites (*Colinus virginianus*). MS Thesis Angelo State Univ., Texas.

Lysne, C. R. 2005. Restoring Wyoming big sagebrush. Pp. 93-98 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Macdonald, D. W., G. M. Mace, and G. R. Barretto. 1999. The effects of predators on fragmented prey populations: a case study for the conservation of endangered prey. J. Zool. Lond. 247:487-506.

Malcomson, R. O. 1960. Mallophaga from birds of North America. Wilson Bull. 72:182-197.

Marjoniemi, K., E. Hohtola, A. Putaala, and R. Hissa. 1995. Development of temperature regulation in the Grey Partridge, Perdix perdix. Wildl. Biol. 1:39-46.

Martin, G. R. 2011. Understanding bird collisions with man-made objects: a sensory ecology approach. Ibis 153:239-254.

Mayberry, L. F., A. G. Canaris, J. R. Bristol, and S. L. Gardner. 2000. Bibliography

of parasites and vertebrate hosts in Arizona, New Mexico, and Texas (1893-1994). Univ. Nebraska, Harold W. Manter Lab. Paras. Web Server. 100 pp.

McIntyre, N. E., and T. R. Thompson. 2003. A comparison of Conservation Reserve Program habitat plantings with respect to arthropod prey for grassland birds. Am. Midl. Nat. 150:291-301.

McLelland, J. 1989. Anatomy of the avian cecum. J. Experimental Zoology Suppl. 3:2-9.

Messick, J. P., E. G. Bizeau, W. W. Benson, and W. H. Mullins. 1974. Aerial pesticide applications and Ring-necked Pheasants. J. Wildl. Manage. 38:679-685.

Messmer, T. A., M. R. Conover, R. D. Dueser, P. W. Klimack, and C.E. Dixon. 1997. A landowner's guide to common North American predators of upland-nesting birds. Berryman Inst. Publ. 13. Berryman Inst., Dep. Fish Wildl., Coll. Nat. Resour., Utah State Univ., Logan.

Milonoff, M. P. 1998. Clutch size determination in precocial birds with self-feeding chicks. PhD Dissertation. Helsingin Yliopisto (Finland).

Monkkonen, M., M. Husby, R. Tornberg, P. Helle, and R. L. Thompson. 2007. Predation as a landscape effect: the trading off by prey species between predation risks and protection benefits. Journal of Animal Ecology 76:619-629.

Morrison, M. 2002. Searcher bias and scavenging rates in bird/wind energy studies. NREL Report SR-500-30876.

Mougeot, F., L. Perez-Rodriguez, N. Sumozas, and J. Terraube. 2009. Parasites, condition, immune responsiveness and carotenoid-based ornamentation in male Red-legged Partridge *Alectoris rufa*. Journal of Avian Biology 40:67-74.

Murie, O. J. 1945. Notes on coyote food habits in Montana and British Columbia. J. Mammalogy 26:33-40.

Musil, D. D., and J. W. Connelly. 2009. Survival and reproduction of pen-reared vs translocated wild Pheasants *Phasianus colchicus*. Wildlife Biology 15:80-88.

Negro, J. J., J. L. Tella, F. Hiraldo, G. R. Bortolotti, and P. Prieto. 2001. Sex- and age-related variation in plasma carotenoids despite a constant diet in Red-legged Partridge *Alectoris rufa*. Ardea 89:275-279.

Nur, N., S. L. Jones, and G. R. Geupel. 1999. A statistical guide to data analysis of avian monitoring programs. US Fish and Wildlife Service Biology Technical Publication BTP-R6001-1999.

O'Hearn, P. P. 2003. Breeding biology of Chukar (*Alectoris chukar*) and the suitability of subcutaneously implanted telemetry devices as a research tool. MS Thesis. ID State Univ. 87pp.

O'Hearn, P. P., L. M. Romero, R. Carlson, and D. J. Delehanty. 2005. Effective subcutaneous radiotransmitter implantation into the furcular cavity of Chukars. Wildl. Soc. Bull. 33:1033-1046.

Olson, R. A., J. Hansen, and T. D. Whitson. 1996. Enhancing rangeland forage production and biodiversity with tebuthiuron. Pp. 55-59 *in* Sharing common ground on western rangelands: Proceedings of a livestock/big game symposium. K. E. Evans, Compiler. USDA Forest Service General Technical Report. INT-GTR-343.

Osborne, D. A., B. J. Frawley, and H. P. Weeks, Jr. 1997. Effects of radio tags on captive Northern Bobwhite (*Colinus virginianus*) body composition and survival. American Midland Naturallist 137:213-224.

Palleroni, A. R., M. Hauser, and P. Marler. 2005. Do responses of galliform birds vary adaptively with predator size? Animal Cognition 8:200-210.

Paquette, G. A., J. H. Devries, R. B. Emery, D. W. Howerter, B. L. Joynt, and T. P. Sankowski. 1997. Effects of transmitters on reproduction and survival of wild Mallards. J. Wildl. Manage. 61:953-961.

Parish, D. M. B., nd N. W. Sotherton. 2007. The fate of released captive-reared Grey Partridges *Perdix perdix*: implications for reintroduction programmes. Wildlife Biology 13:140-149.

Parmesan, C. 2006. Ecological and evolutionary response to recent climate change. Annu. Rev. Ecol. Evol. Syst. 37:637-669.

Pearce-Higgins, J. W., L. Stephen, R. H. W. Langston, and J. A. Bright. 2008. Assessing the cumulative impacts of wind farms on peatland birds: a case study of Golden Plover *Pluvialis apricaria* in Scotland. Mires and Peat 4:1-13.

Pellant, M., and C. R. Lysne. 2005. Strategies to enhance plant structure and diversity in crested wheatgrass seedings. Pp. 81-92 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Peterson, R. S., and C. S. Boyd. 1998. Ecology and management of sand shinnery communities: a literature review. USDA Forest Servive, General Technical Report RMRS-GTR-16. Fort Collins, Colorado.

Pettit, R. D. 1979. Effects of Picloram and Tebuthiuron pellets on sand shinnery oak communities. J. Range Manage. 32:196-200.

Pettit, R. D. 1986. Sand shinnery oak: control and management. Management Notes – Range and Wildlife Management. TX Tech Univ. College of Agricultural Sciences. 6pp.

Plumb, G. E. 1984. Grazing management following sand shin-oak control. M. Sc. Thesis. Texas Tech. University. 78pp.

Pollock, K. H., S. R. Winterstein, C. M. Bunck, and P. D. Curtis. 1989. Survival analysis in telemetry studies: The staggered entry design. Journal of Wildlife Management 53:7-15.

Ports, M. A. 1980. Avian density and diversity in four habitat types in Morton County, Kansas. Kansas Ornithological Society Bulletin 31:17-21.

Potapov, R. L. 2004. Adaptation of birds to life in high mountains in Eurasia. Acta Zoologica Sinica 50:970-977.

Potts, G. R. 2005. Incidence of ingested lead gunshot in wild Grey Partridges (*Perdix perdix*) from the UK. European Journal of Wildlife Research 51:31-34.

Primack, M. L. 1969. Farm fencing in the nineteenth century. Journal of Economic History 29:287-291.

Prosser, P., C. Nattrass, and C. prosser. 2008. Rate of removal of bird carcasses in arable farmland by predators and scavengers. Ecotoxicology and Environmental Safety 71:601-608.

Putaala, A., and R. Hissa. 1995. Effects of hand-rearing on physiology and anatomy in the Grey Partridge. Wildlife Biology 1:27-31.

Putaala, A., and R. Hissa. 1998. Breeding dispersal and demography of wild and hand-reared Grey Partridges *Perdix perdix* in Finland. Wildlife Biology 4:137-145.

Putaala, A., J. Oksa, H. Rintamaki, and R. Hissa. 1997. Effects of hand-rearing and radiotransmitters on flight of Gray Partidge. Journal of Wildlife Management 61:1345-1351.

Raim, A. 1978. A radio transmitter attachment for small passerine birds. Bird Banding 49:326-332.

Ranta, E., P. Byholm, and V. Kaitala. 2003. Spatial dynamics in breeding performance of a predator: the connection to prey availability. Oikos 102:391-396.

Rantanen, E. M., F. Buner, P. Riordan, N. Sotherton, D. W. Macdonald. 2010. Vigilance, time budgets and predation risk in reintroduced captive-bred Grey Partridges *Perdix perdix*. Applied Animal Behaviour Science XXX:XXX-XXX. (online early).

Rantanen, E. M., F. Buner, P. Riordan, N. Sotherton, D. W. Macdonald. 2010. Habitat preferences and survival in wildlife reintroductions: an ecological trap in reintroduced Grey Partridges**.** Journal of Applied Ecology XXX:XXX-XXX (online early).

Riley, T. Z., W. R. Clark, D. E. Ewing, and P. A. Vohs. 1998. Survival of Ring-necked Pheasant chicks during brood rearing. Journal of Wildlife Management 62:36-44.

Riley, T. Z., and B. A. Fistler. 1992. Necklace radio transmitter attachment for pheasants. Journal of the Iowa Academy of Science 99:65-66.

Riley, T. Z., and S. P. Riley. 1999. Temporal comparison of pheasant brood sizes in the Midwest. Wildlife Society Bulletin 27:366-373.

Riley, T. Z., and J. H. Schulx. 2001. Predation and Ring-necked Pheasant population dynamics. Wildlife Society Bulletin 29:33-38.

Robel, R. J., J. N. Briggs, A. D. Dayton, and L. C. Hulbert. 1970. Relationships between visual obstruction measurements and the weight of grassland vegetation. Journal of Range Management 23:295-297.

Robinson, A. C. 2007. Trapping, survival, and probable causes of mortality in Chukar Partridge. M. Sc. Thesis. Brigham Young University. 46pp.

Robinson, W. B. 1961. Population changes of carnivores in some coyote-control areas. Journal of Mammalogy 42:510-515.

Rodenhouse, N. L., S. N. Mathews, K. P. McFarland, J. D. Lambert, L. R. Iverson, A. Prasad, T. S. Sillet, and R. T. Holmes. 2007. Potential effects of climate change on birds of the Northwest. Mitigation and Adaptation Strategies for Global Change XX:XXX-XXX (online early).

Rodgers, R. D. 2005. Conservation Reserve Program successes, failures, and management needs for open-land birds. Pp. 129-134 *in*: Allen, A. W., and M. W. Vandever (eds.) The Conservation Reserve Program – planting for the future: Proceedings of a National Conference, Ft. Collins, CO., June 6-9, 2004. U. S. G. S., Biol. Resources Div., Sci. Investigative Rep. 2005-5145. 248pp.

Rodgers, R. D. and M. L. Sexson. 1990. Impacts of extensive chemical control of sand sagebrush on breeding birds. Journal of Soil and Water Conservation 45:494-

497.

Rolland, V., J. A. Hostetler, T. C. Hines, H. F. Percival, and M. K. Oli. 2010. Impact of harvest on survival of a heavily hunted game bird population. Wildlife Research 37:392-400.

Rollins, D., and J. P. Carroll. 2001. Impacts of predation on Northern Bobwhite and Scaled Quail. Wildlife Society Bulletin 29:39-51.

Rotella, J. J., D. W. Howerter, T. P. Sankowski, and J. H. Devries. 1993. Nesting effort by wild Mallards with three types of radio transmitters. Journal of Wildlife Management 57:690-695.

Roundy, B. A. 2005. Plant succession and approaches to community restoration. Pp. 43-48 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Rowan, W. 1948. The ten-year cycle: outstanding problem of Canadian conservation. 12pp.

Royle, N. J., P. F. Surai, and I. R. Hartley. 2003. The effect of variation in dietary intake on maternal deposition of antioxidants in Zebra Finch eggs. Functional Ecology 17:472-481.

Rubolina, D., M. Gustin, G. Bogliani, and R. Garavaglis. 2005. Birds and powerlines in Italy: an assessment. Bird Conservation International 15:131-145.

Samson, F. B., F. L. Knopf, and W. R. Ostlie. 2004. Great Plains ecosystem: past, present, and future. Wildlife Society Bulletin 32:6-15.

Sargeant, A. B., M. A. Sovada, and R. J. Greenwood. 1998. Interpreting evidence of depredation of duck nests in the Prairie Pothole Region. U.S.G.S. 72pp.

Schaub, M., and R. Pradel. 2004. Assessing the relative importance of different sources of mortality from recovery of marked animals. Ecology 85:930-938.

Schorger, A. W. 1954. A study of road kills. Passenger Pigeon 16:53-55.

Sedivec, K. K. 1994. Grazing treatment effects on and habitat use of upland nesting birds on native rangeland. Ph. D. Dissertation. North Dakota State University.

Sergio, F., I. Newton, L. Marchesi, and P. Pedrini. 2006. Ecologically justified charisma: preservation of top predators delivers biodiversity conservation. Journal of Applied Ecology 43:1049-1055.

Sexson, M. L. Destruction of sandsage prairie in southwest Kansas.

Sexson, K., and J. Horak. 197X. The upland birds. Kansas Fish & Game Magazine.

Shaw, N. L., A. M. DeBolt, and R. Rosentreter. 2005. Reseeding big sagebrush: techniques and issues. Pp. 99-108 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Simpson, S. A. 1998. Prairie Ridge State Natural Area. Illinois Audubon. Fall 1998, pp4-9.

Smith, D. G. 1966. Literature review on factors affecting shrub response to herbicides. CO Dept. Game, Fish, and Parks. Game Research Division. Special Report No. 5. 15pp.

Smith, F. S. 2010. Texas today: A sea of the wrong grasses. Ecological Restoration 28:112-117.

Smith, S. A., N. J. Steward, and J. E. Gates. 1999. Home ranges, habitat selection and mortality of Ring-necked Pheasants (Phasianus colchicus) in north-central Maryland. American Midland Naturalist 141:185-197.

Smythe, L. A., and D. A. Haukos. 2009. Nesting success of grassland birds in shinnery oak communities treated with tebuthiuron amd grazing in eastern New Mexico. Southwestern Naturalist 54:136-145.

Smythe, L. A., and D. A. Haukos. 2010. Response of grassland birds in sand shinnery oak communities restored using tebuthiuron and grazing in eastern New Mexico. Restoration Ecology 18:215-223.

Snyder, W. D. 1985. Survival of radio-marked hen Ring-necked Pheasants in Colorado. Journal Wildlife Management 49:1044-1050

Snyder, W. D. 1990. Establishing switchgrass for wildlife in eastern Colorado. CO Div. Wildl., Game Information Leaflet Number 113.

Snyder, W. D. 1991. Sandsage-bluestem prairie renovation. Final Report. Project W-152-R?W-165-R. 66pp.

Snyder, W. D. 1996. Habitat management for upland game birds on eastern Colorado sandhill rangeland. CO Dept. Nat. Resour., Div. Wildl. Wildlife Information Leaflet No. 115. 4pp.

Stutchbury, B. J. M., S. A. Tarof, T. Done, E. Gow, P. M. Kramer, J. Tautin, J. W. Fox, and V. Afanasyev. 2009. Tracking long-distance songbird migration by

using geolocators. Science 323:896.

Summers, D. D. 2005. Vegetation response of a Wyoming big sagebrush (*Artemisia tridentata* ssp. *wyomingensis*) community to six mechanical treatments in Rich County, Utah. MS Thesis. Brigham Young Univ.

Surai, P. F., I. A. Ionov, T. V. Kuklenko, I. A. Kostjuk, A. MacPherson, B. K. Speak, R. C. Noble, and N. H. C. Sparks. 1998. Effect of supplementing the hen's diet with vitamin A on the accumulation of vitamins A and E, ascorbic acid and carotenoids in the egg yolk and in the embryonic liver. British Poultry Sc. 39:257-263.

Sykes, D. W., Jr., J. W. Carpenter, S. Holzman, and P. H. Geissler. 1990. Evaluation of three miniature radio transmitter attachment methods for small passerines. Wildlife Society Bulletin 18:41-48.

Tapper, S. C., G. R. Potts, and M. H. Brockless. 1996. The effect of an experimental reduction in predation pressure on the breeding success and population density of Grey Partridges (*Perdix perdix*). Journal of Applied Ecology 33:965-978.

Tiedemann, A. R., T. M. Quigley, L. D. White, W. S. Lauritzen, J. W. Thomas, and M. L. McInnis. 1998. Electronic (fenceless) control of livestock. USDA For. Serv. Research Paper PNW-RP-510.

Tiemeier, O. W. 1955. Winrer foods of Kansas coyotes. Transactions of the Kansas Academy of Science 58:196-207.

Thompson, D. B. A., A. J. Hester, and M. B. Usher (Eds.). 1994. Heaths and moorlands: cultural landscapes. Conference Proceedings. Scottish Natural Heritage. Aberdeen.

Thompson, M. C., and C. Ely. 1989. Birds in Kansas. Pp. 174-179.

Thompson, T. R. 2003. The effectiveness of the Conservation Reserve Program's native grass seeding requirement in providing breeding and wintering habitat for grassland birds in the southern High Plains of Texas. M. Sc. Thesis. Texax Tech. University, Lubbock, TX.

Toombs, T. P., and M. G. Roberts. 2009. Are Natural Resources Conservation Service range management investments working at cross-purposes with wildlife habitat goals on western United States rangelands? Rangeland Ecology and Management 62:351-355.

Trampel, D. W., T. M. Pepper, and R. L. Witter. 2002. Reticuloendotheliosis in Hungarian Partridge. Journal of Wildlife Diseases 38:438-442.

Tsuji, L. J., E. Nieboer, J. D. Karagatzides, R. M. Hanning, and B. Katapatuk. 1999. Lead shot contamination in edibleportions of game birds and its dietary implications. Ecosystem Health 5:183-192.

Urich, D.L., and R.W. Cannon. 1985. A comprehensive species-planning process for Missouri. Wildlife Society Bulletin 13:415-425.

USFWS. 1997. Endangered and Threatened Wildlife and Plants; Review of Plant and Animal Species that are Candidates or Proposed for listing as Endangered or Threatened, Annual Notice of Findings on Recycled Petitions, and Annual Description of Progess on Listing Actions; Porposed rule. Federal Registry 50 CFR Part 17 62:36482-36484.

USFWS. 1998. Endangered and Threatened Wildlife and Plants; Review of Plant and Animal Species that are Candidates or Proposed for listing as Endangered or Threatened, Annual Notice of Findings on Recycled Petitions, and Annual Description of Progess on Listing Actions; Proposed rule. Federal Registry 50 CFR Part 17 63:31400-31406.

USFWS. 1999. Endangered and Threatened Wildlife and Plants; Review of Plant and Animal Species that are Candidates or Proposed for listing as Endangered or Threatened, Annual Notice of Findings on Recycled Petitions, and Annual Description of Progess on Listing Actions; Proposed rule. Federal Registry 50 CFR Part 17 64:57534-57547.

USFWS. 2001. Endangered and Threatened Wildlife and Plants; Review of Plant and Animal Species that are Candidates or Proposed for listing as Endangered or Threatened, Annual Notice of Findings on Recycled Petitions, and Annual Description of Progess on Listing Actions; Proposed rule. Federal Registry 50 CFR Part 17 66:1295-1300.

USFWS. 2001. Endangered and Threatened Wildlife and Plants; Review of Plant and Animal Species that are Candidates or Proposed for listing as Endangered or Threatened, Annual Notice of Findings on Recycled Petitions, and Annual Description of Progess on Listing Actions; Proposed rule. Federal Registry 50 CFR Part 17 66:54808-54832.

Van Heekzik, Y., P. J. Seddon, and R. F. Maloney. 1999. Helping reintroduced Houbara Bustards avoid predation: effective anti-predator training and the predictive value of pre-release behaviour. Animal Conservation 2:155-163.

Venturato, E., P. Cavallini, P. Banti, and F. Dessi-Fulgheri. 2009. Do radio collars influence mortality and reproduction? A case with Ring-necked Pheasants (*Phasianus colchicus*) in Central Italy. European Journal of Wildlife Research 55:547-551.

Wachob, D. G. 1997. The effects of the Conservation Reserve Program on wildlife in southeastern Wyoming. Ph. D. Dissertation.

Waddell, B., and B. Hanzlick. 1978. The vanishing sandsage prairie. Kansas Fish and Game 35(2):17-23.

Walk, J. W., E. L. Kershner, and R. E. Warner. 1998. Songs of the Grassland. The Illinois Steward. Winter 1998. Pp. 20-24.

Walk, J. W., and R. E. Warner. 1999. Effects of habitat area on the occurrence of grassland birds in Illinois. American Midland Naturalist 141:339-344.

Walker, S. C., and N. L. Shaw. 2005. Current and potential use of broadleaf herbs for reestablishing native communities. Pp. 56-61 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Wambolt, C. L. 2005. Sagebrush-ungulate relationships on the northern Yellowstone winter range. Pp. 109-115 *in*: Shaw, N. L., M. Pellant, and S. B. Monsen (Eds). 2005. Sage-grouse habitat restoration symposium proceedings; 2001 June 4-7, Boise, ID. USDA For. Serv., RMRS-P-38.

Warner, R. E., and L. M. David. 1982. Woody habitat and severe winter mortality of Ring-necked Pheasants in central Illinois. Journal of Wildlife Management 46: 923-932.

Warner, R. E., and S. L. Etter. 1983. Reproduction and survival of radio-marked hen Ring-necked Pheasants in Illinois. Journal of Wildlife Management 47:369-375.

Warner, R. E. 1992. Long-term perspectives of upland game bird research in North America. Pp. 709-717 *in* D. R. McCullough, and R. H. Barrett (*Eds*.) Wildlife 2001: Populations.

Watson, M., N. J. Aebischer, G. R. Potts, and J. A. Ewald. 2007. The relative effects of raptor predation and shooting on overwinter mortality of Grey Partridges in the United Kingdom. Journal of Applied Ecology 44:972-982.

Westemeier, R. L. 1985. Grassland ecology and management research. Final Report, Project No. W-66-R-24. 13pp.

Westemeier, R. L., and T. L. Esker. 1989. An unsuccessful clutch of Northern Bobwhites with hatched pheasant eggs. Wilson Bulletin 101:640-642.

Westemeier, R. L., S. A. Simpson, and J. W. Walk. 1997. Nesting and brooding by King Rails in upland cool-season grasses in a southern Illinois sanctuary. Meadowlark 6:12-13.

Wheeler, W. E. 1991. Suture and glue attachment of radio transmitters on ducks. Journal of Field Ornithology. 62:271-278.

Whitmore, F. W., K. P. Pruess, and R. E. Gold. 1986. Insect food selection by 2-week-old Ring-necked Pheasant chicks. Journal of Wildlife Management 50:223-228.

Wilbur, S. R. 1967. Live-trapping North American upland game bird. U.S.F.W.S. Special Scientific Report-Wildlife No. 106. 37pp.

Willard, D. E., and B. J. Willard. 1978. The interaction between some human obstacles and birds. Environmental Management 2:331-340.

Woehler, E. E. 1979. Establishment of native warm season grasses in Wisconsin. Wisconsin Department of Natural Resources. Report 102.

Wright, H. A. 1974. Range burning. Journal of Range Management 27:5-11.

Wywialowski, A. P. 1987. Evaluation of native grass-forb-legume plantings as upland wildlife habitat. *And* Relative habitat value and wildlife usage of existing native grass-forb-legume plantings on upland wildlife area. Fed. Aid Project W-13-R-41 Final Report. Missouri Dept. of Conservation.

Zavala, G. 2006. Immunosuppression induced by Reticuloendotheliosis Virus. Proceedings of the American Association od Avian Pathologists Symposium 2006:70-80.

Zimmerman, J. L. 1993. The Birds of Konza: the avian ecology of the tallgrass prairie. Univ. KS Press, Lawrence. Pp. 82-88.

Zimmerman, J. L. 1997. Avian community responses to fire, grazing, and drought in the tallgrass prairie. In F. L. Knopf and F. B. Sampson, eds. Ecology and conservation of Great Plains vertebrates. Ecological Studies 125. Springer-Verlag, New York.