

- xx. Stems spiny or prickly; shrubs.
  - z. Leaf stalks prickly. . . . . Blackberry & Dewberry (*Rubus*; fig. 26)
  - zz. Leaf stalks lacking prickles; leaflets mostly 3 . . . . . Prairie rose (*Rosa setigera*; fig. 27)
- vv. Leaflets often more than 5, and not arising from one point.
  - 1. Shrubs, usually not over 8 feet tall.
    - 2. Midrib of the leaf winged. . . . . Winged sumac (*Rhus copallina*; fig. 28)
    - 2'. Midrib of leaf wingless.
      - 3. Leaflets toothed.
        - 4. Stems prickly . . . . . Leafy rose (*Rosa foliolosa*)
        - 4'. Stems not prickly . . . . . Smooth sumac (*Rhus glabra*; fig. 26)
      - 3'. Leaflets entire or nearly so . . . . . Falseindigo (*Amorpha fruticosa*)
  - 1'. Trees.
    - 5. Leaflets 2 inches long or less, entire or minutely wavy margined.
      - 6. Most of the leaflets more than 0.5 inch wide . . . . . Black locust (*Robinia pseudoacacia*)
      - 6'. Most of the leaflets less than 0.5 inch wide. . . . . Honey locust (*Gleditsia triacanthos*)
    - 5'. Leaflets over 2 inches long, toothed.
      - 7. Leaflets 9 or fewer . . . . . Hickory (*Carya*; fig. 27)
      - 7'. Leaflets 11 or more . . . . . Black walnut (*Juglans nigra*)
- CC. Leaves opposite, (sometimes 3 to 4 at a node).
  - 8. Leaves simple.
    - 9. Leaves entire.
      - 10. Vines.
        - 11. Leaves whitish beneath . . . . . Yellow honeysuckle (*Lonicera flava*)
        - 11'. Leaves green beneath . . . . . American starjasmine (*Trachelospermum difforme*)
      - 10'. Upright trees or shrubs.
        - 12. Leaves often 3 to 4 at a node; flowers and fruits in spherical clusters . . . . . Buttonbush (*Cephalanthus occidentalis*; fig. 29)
        - 12'. Leaves 2 per node.
          - 13. Shrubs usually less than 4 feet tall, or, if sometimes a little taller, the leaves no more than 2 inches long.
            - 14. Leaves twice or less as long as wide . . . . . Coralberry (*Symphoricarpos orbiculatus*; fig. 29)
            - 14'. Leaves more than twice as long as wide . . . . . Dense St. Johns wort (*Hypericum densiflorum*)
          - 13'. Shrubs or small trees more than 4 feet tall.
            - 15. Flowers and fruits in dense clusters; petal-like bracts which appear in the spring large and white or sometimes pink. . . . . Flowering dogwood (*Cornus florida*; fig. 29)
            - 15'. Flowers and fruits in loose clusters often 2 or 3 inches wide and often as long.
              - 16. Leaves 1.5 inches or more wide, lower surface only slightly paler green than the upper . . . . . Rough leaf dogwood (*Cornus drummondii*)
              - 16'. Leaves frequently less than 1.5 inches wide, lower surface much paler green than the upper, appearing whitish . . . . . Silky dogwood (*Cornus obliqua*)
      - 9'. Leaves toothed or lobed.
        - 17. Leaves lobed and up to 2 inches long; plant a low shrub; young shoots of . . . . . Coralberry (*Symphoricarpos orbiculatus*; fig. 29)
        - 17'. Leaves toothed and more than 2 inches long.
          - 18. Leaves less than twice as long as wide . . . . . Red maple (*Acer rubrum*; fig. 29)
          - 18'. Leaves more than twice as long as wide.
            - 19. Leaves usually 4 to 6 inches long; flowers and fruits in clusters at the base of the leaves . . . . . French mulberry (*Callicarpa americana*; fig. 29)
            - 19'. Leaves less than 4 inches long; flowers and fruits not arranged as in the preceding.
              - 20. Leaves glossy, the leaf stalks very usually covered with rusty red hairs; flowers and fruits borne at the ends of the twigs . . . . . Southern blackhaw (*Viburnum rufidulum*)
              - 20'. Leaves not glossy; flowers and fruits borne at the leaf bases on stalks an inch or more long . . . . . Eastern wahoo (*Euonymus atropurpureus*)
    - 8'. Leaves compound.
      - 21. Vines.
        - 22. Leaflets toothed; stems woody; flowers red . . . . . Common trumpetvine (*Campsis radicans*)
        - 22'. Leaflets entire or sometimes lobed; stems hardly woody; flowers bluish . . . . . Leatherflower (*Clematis pitcheri*)
      - 21'. Upright trees or shrubs.
        - 23. Leaflets 3, only occasionally 5 . . . . . Boxelder (*Acer negundo*)
        - 23'. Leaflets 5 to 11.
          - 24. Leaflets entire or with minute teeth; trees . . . . . Ash (*Fraxinus*)
          - 24'. Leaflets sharply toothed; shrubs . . . . . American elder (*Sambucus canadensis*)