

# Key to Common Trees, Shrubs and Vines of Camp Kanza, Kansas

Compiled by Kendall Lundy, Pack 775, Goddard Kansas

---

Directions for use of a dichotomous key: There are two choices for each identifying characteristic (i.e. 1 or 1'). Either one choice or the other is correct. Follow the directions for the correct choice and it will lead to the correct selection. Due to variation in some leaves, be sure to examine several leaves from the selected plant. Because of extreme variation, mulberry can be keyed out in two different places. Try to avoid identifying leaves from young plants.

---

- 1. Growth habit in the form of **vine** . . . . . go to 2
  - 2. Leaves divided with 3 or more leaflets . . . . . go to 3
  - 2'. Simple leaf coarsely toothed . . . . . **Wild Grape**
    - 3. Leaflets 3 coarsely toothed or slightly lobed . . . . . **Poison Ivy**
    - 3'. Leaflets 5 coarsely toothed . . . . . **Virginia Creeper**
  
- 1'. Growth habit not in form of vine, but rather shrub or tree . . . . . go to 4
  - 4. Multiple trunks and generally shorter than 5 feet in height, **shrub** . . . . . go to 5
    - 5. Leaves opposite, cluster of red berries. . . . . **Buckbrush**
    - 5'. Leaves alternate . . . . . go to 6
      - 6. Leaves simple . . . . . **Gooseberry**
      - 6'. Leaves compound. . . . . go to 7
        - 7. 3 leaflets, lobed or coarsely toothed . . . . . **Aromatic Sumac**
        - 7'. 5-9 leaflets, sharply toothed . . . . . **Wild Rose**
  
  - 4'. Generally with single trunk and taller than 5 feet in height, **tree**. . . . . go to 8
    - 8. Leaves modified into needles or scales. . . . . go to 9
      - 9. Leaves tiny, scale-like . . . . . **Red Cedar**
      - 9'. Leaves needle-like . . . . . go to 10
        - 10. Needles 1-3" long arranged singly . . . . . **Spruce**
        - 10'. Needles 2-5" long in clusters of 2-3. . . . . **Pine**
  
    - 8'. Leaves not modified . . . . . go to 11
      - 11. Leaves arranged opposite. . . . . go to 12
        - 12. Leaves compound with 5-9 leaflets . . . . . **Ash**
        - 12'. Leaves simple . . . . . go to 13
          - 13. Leaves deeply 5-lobed . . . . . **Maple**
          - 13'. Leaves with smooth edge . . . . . go to 14
            - 14. Leaves egg-shaped . . . . . **Dogwood**
            - 14'. Leaves large, heart-shaped . . . . . **Catalpa**

*(continued on page 2)*

# Key to Common Trees, Shrubs and Vines of Camp Kanza, Kansas

Compiled by Kendall Lundy, Pack 775, Goddard Kansas

---

- 11'. Leaves arranged alternate . . . . . go to 15
- 15. Leaves compound . . . . . go to 16
  - 16. Thorns or spines . . . . . go to 17
  - 16'. No thorns or spines, aromatic leaves, leaflets 11-21. **Black Walnut**
  - 17. Thorns large, many small leaflets . . . . . **Honey Locust**
  - 17'. Small spines, 9-19 leaflets . . . . . **Black Locust**
- 15'. Leaves simple . . . . . go to 18
  - 18. Leaves narrow, lance-shaped. . . . . go to 19
    - 19. Smooth edge, silvery-white below . . . . . **Russian Olive**
    - 19'. Small teeth along edge, yellow-green below . **Willow**
  - 18'. Leaves wide . . . . . go to 20
    - 20. Leaves lobed . . . . . go to 21
      - 21. White hairs on bottom of leaf . . . . . go to 22
        - 22. Few hairs along veins. . . . . **Pin Oak**
        - 22'. Many hairs . . . . . **Sycamore**
      - 21'. No hairs on bottom of leaf . . . . . **Mulberry**
    - 20'. Leaf margin continuous . . . . . go to 23
      - 23. Leaves egg-shaped, smooth edge. . . . . **Osage Orange**
      - 23'. Toothed edge . . . . . go to 24
        - 24. Single tooth . . . . . go to 25
          - 25. Symmetrical base. . . . . go to 26
            - 26. Triangular. . . . . **Cottonwood**
            - 26'. Egg-shape . . . . . **Mulberry**
          - 25'. Unequal base. . . . . **Hackberry**
        - 24'. Small teeth on larger teeth . . . . . **Elm**

# Key to Common Trees, Shrubs and Vines of Camp Kanza, Kansas

Compiled by Kendall Lundy, Pack 775, Goddard Kansas

---

## VINES



Grape



Poison Ivy



Virginia Creeper

## SHRUBS



Buckbrush



Gooseberry



Aromatic Sumac



Wild Rose

## TREES WITH MODIFIED LEAVES



Cedar



Spruce



Pine

## TREES WITH OPPOSITE LEAVES



Ash



Silver Maple



Dogwood



Catapa

# Key to Common Trees, Shrubs and Vines of Camp Kanza, Kansas

Compiled by Kendall Lundy, Pack 775, Goddard Kansas

---

## TREES WITH ALTERNATE COMPOUND LEAVES



Black Walnut



Honey Locust



Black Locust

## TREES WITH ALTERNATE SIMPLE LEAVES



Russian Olive



Willow



Pin Oak



Sycamore



Mulberry



Osage Orange



Cottonwood



Hackberry



Elm