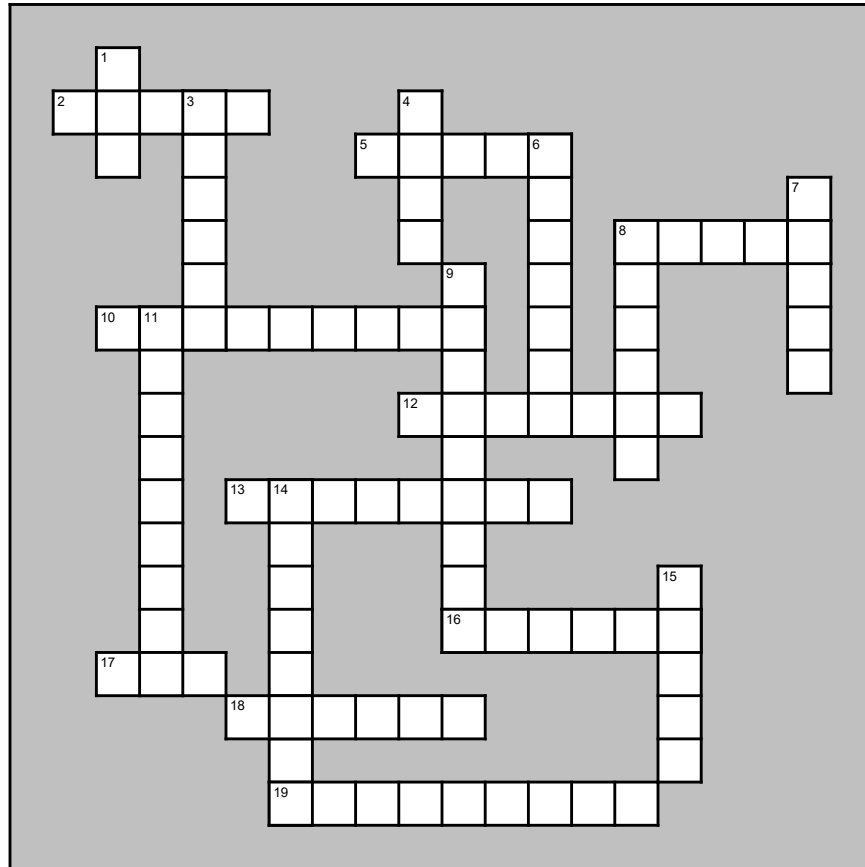


Crossword



Across

2. Leaf scars and twigs opposite. Deciduous. Simple, fan-lobed leaves. Small double-winged fruit: "helicopters."
5. Paper-like bark horizontally peeling. Leaf scars and twigs "alternate." Bark with conspicuous lenticels. Rough, cracked or peeling bark on old trees. Wintergreen smell on twigs.
8. Leaves in the form of scales which occur in four rows around hugging twigs. Evergreen.
10. Branches are not found directly across each other on a stem or larger branch. Observed in cherry, birch, oak, and hickory trees.
12. Compound leaves. Leaf scars and twigs "alternate." Bark with no conspicuous lenticels. Nuts. Feather-compound leaves with toothed long-pointed leaflets.
13. Multiple leaves found on the same stem. Observed in locust, hickory, and willow trees.
16. Leaves found individually on the stem. Observed in maple, oak and aspen trees.
17. Opposite leaf scars and twigs. Deciduous. Feather-compound leaves with 13-15 leaflets. Diamond shaped ridges on bark.
18. Found near water; compound leaves; yellow ridged bark.
19. Leaves needlelike or small and scale-like; mostly cone-bearing trees.

Down

1. Leaf scars and twigs "alternate." Bark with no conspicuous lenticels. Simple leaves. Rough, furrowed bark. Acorns.
3. Deciduous. Twigs and branches "armed." Compound leaves divided into leaflets. Paired thorns.
4. Leaves in the form of needles found in bundles or groups along the stem; evergreen.
6. Leaves (flat) in the form of needles borne singly with two rows on each stem. White "stomates" underneath needles. Evergreen.
7. Trees with thorns or spurs on twigs or branches.
8. Leaf scars and twigs "alternate." Bark with conspicuous lenticels. Rough, cracked or peeling bark on old trees. "Potato chip" plates of bark. Slender, brown buds.
9. Leaves fall off at the end of the growing season.
11. Openings that look like holes in the twig or branch allowing gas exchange. Easily observed in cherry, beech, and birch trees.
14. Branches are found directly across each other on twigs and larger branches. Observed in the "MAD Horse" trees.
15. Smooth, light gray bark. Brown, cigar-shaped scaly buds. Leaf scars and twigs "alternate." Bark with no conspicuous lenticels.