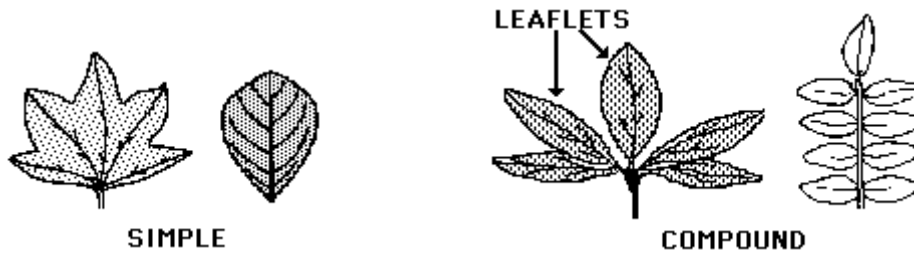
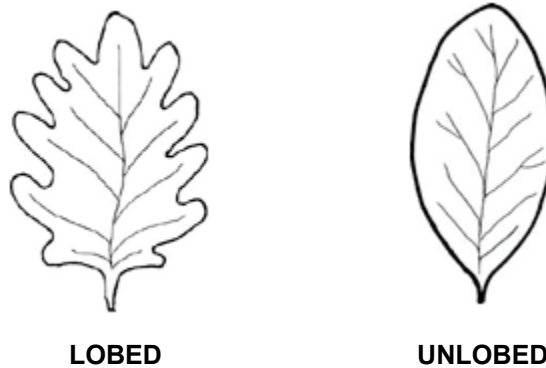


IDENTIFICATION KEY
BROADLEAF TREES TYPICAL TO NORTHERN LOUISIANA,
SOUTHERN ARKANSAS, AND NORTHEASTERN TEXAS

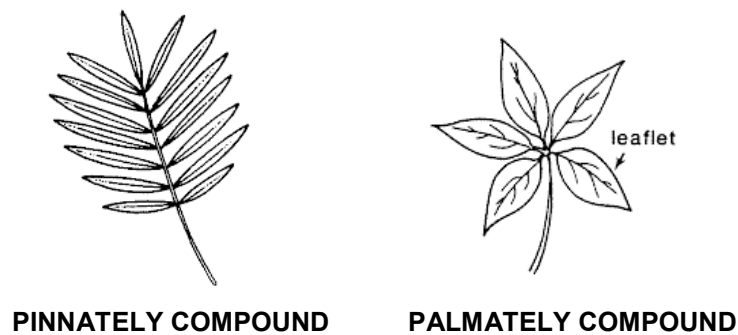
1. If the leaf is simple (one leaf per stem), go to Step 2; if compound (more than one leaf per stem), go to Step 3.



2. (Simple) If the leaf is lobed, go to Step 4; if it is unlobed, go to Step 5.



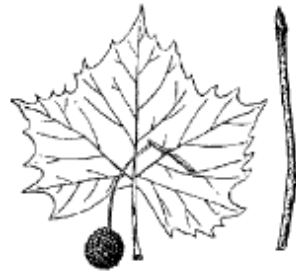
3. (Compound) If the leaf is pinnately compound, go to Step 6; if palmately compound, go to Step 7.



4. (Simple lobed) If the leaf has five main lobes and the leaf is star-shaped, the tree is a sweetgum; if the leaf is large and has coarse and jagged teeth, the tree is a sycamore; otherwise, go to Step 8.



SWEETGUM



SYCAMORE

5. (Simple unlobed) If the leaf is smooth, go to Step 9; if the leaf is toothed, go to Step 10.



SMOOTH

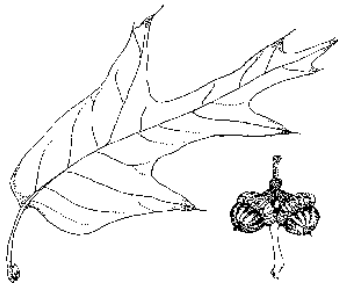


TOOTHED

6. (Pinnately compound) If the leaf is smooth, go to Step 11); if the leaf is toothed, go to Step 12.
7. (Palmately compound) If the leaf is smooth, go to Step 13; if the leaf is toothed, go to Step 14.
8. If the leaf has more than four lobes, the tree is an oak; if the tip of the leaf is notched, the tree is a tuliptree; if the tree has some lobed and some unlobed leaves, the tree is a sassafras; otherwise go to Step 15.



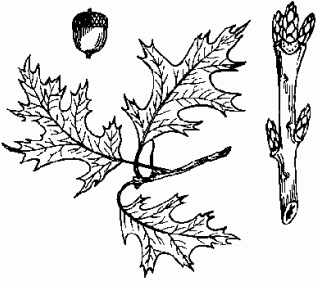
WHITE OAK



SOUTHERN RED OAK



POST OAK



PIN OAK



SCRUB OAK



WATER OAK



TULIP TREE

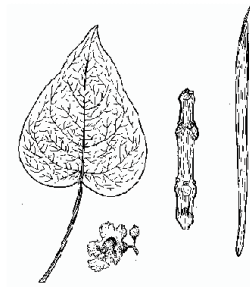


SASSAFRAS

9. (Simple unlobed smooth) The tree is probably a blackjack oak, a catalpa, a dogwood, a persimmon, a redbud, or a willow oak.



BLACKJACK OAK



CATALPA



DOGWOOD



PERSIMMON

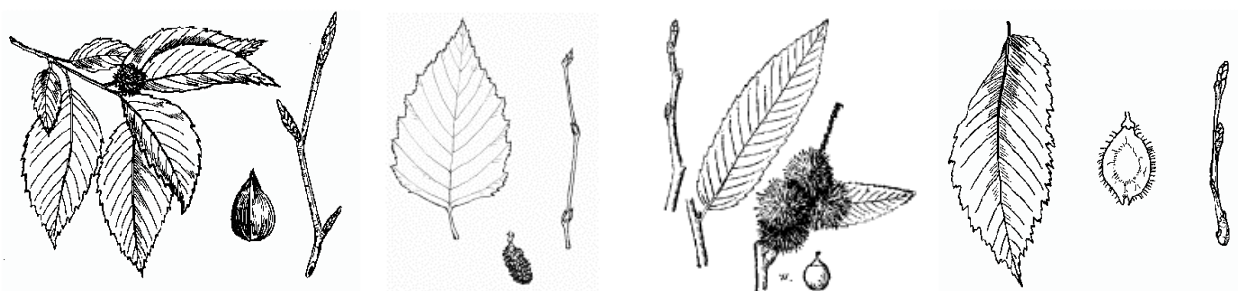


REDBUD



WILLOW OAK

10. (Simple unlobed toothed) The tree is probably a beech, a birch, a chinquapin, or an elm. Two species, the American elm and the winged elm, are present. The winged elm is similar to the American elm, but has cork-like “wings” or ridges on its twigs.



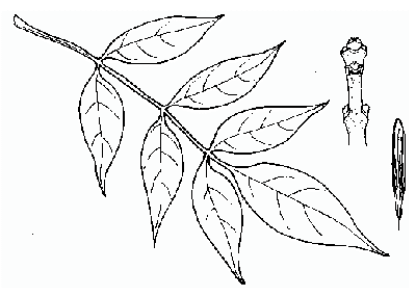
AMERICAN BEECH

RIVER BIRCH

CHINQUAPIN

AMERICAN ELM

11. (Pinnately compound smooth) The tree is probably a white ash.



WHITE ASH

12. (Pinnately compound toothed) The tree is probably a green ash, black walnut, hickory, or pecan.



GREEN ASH



BLACK WALNUT



MOCKERNUT HICKORY



PECAN

13. (Palmately compound smooth) There are no native trees having leaves of this type in this region. The tree may be a species brought here by someone and planted as an ornamental on an old home site.

14. (Palmately compound toothed) The tree is probably a buckeye.



BUCKEYE

15. The tree is probably a maple.



RED or SWAMP MAPLE