



DATA SHEET: TREE ID

Name _____

Date _____

Leaf #	Additional Information	Common Name	Scientific name	Moisture Preference	Habitat Preference
1	Leaves opposite, simple			Moist soils	Uplands, valleys
2	Tree has no thorns or thorn-like twigs; leaves alternate, simple, and not evergreen.			Moist soils	Uplands, mixed evergreen/deciduous forest, well-drained lowlands
3	Leaves simple, alternate; no thorns or thorn-like twigs; stem of leaf is flattened and long.			All soil types	Slopes, mountains
4	Leaves alternate, simple, brown (not evergreen), leathery, not firm, brownish hairs at base, narrow blade; no thorn-like twigs; twigs are not slender and limber and do not have one scale covering each bud; short stem; bitter-tasting.			All soils except very wet and very dry	Uplands
5	Leaves alternate and compound; 3 leaflets at tip larger than other leaflets; 5-7 total leaflets; twigs are thick, have large end buds, and no milky juice; nuts under the tree			Moist soils	Upland slopes, mixed hardwood forests, valleys
6	Leaves simple, opposite, and smooth; tree not shrub-like.			Wet-moist soils	Streambanks, valleys, uplands
7	Leaves alternate and simple; no thorns or thorn-like twigs.			Moist, well-drained soils	Lowland valleys and slopes

8	Leaves alternate, simple, firm, typically deep green on both sides but not evergreen, no silky hairs; appendages at base of leaf stem; twigs slender and limber, not drooping, and have one scale covering each bud; short stem; no thorns or thorn-like twigs.			Wet soils	Lowlands, streambanks, floodplains
9	Shrub or small tree; leaves alternate, simple and hairless; twigs hairless; buds scale-less and hairy; bark mostly smooth with rough patches.			Moist soils	Hardwood forests
10	Leaves simple, alternate, not rough beneath or evergreen; no thorns or thorn-like twigs.			Moist soils	Floodplains and valleys, mixed hardwood forests
11	Leaves alternate, simple, firm, not evergreen, no silky hairs; twigs slender and limber, and have one scale covering each bud; short stem; no thorns or thorn-like twigs; leaves and twigs drooping.			Wet soils	Lowlands
12	Leaves opposite and simple.			Moist soils	Lowland valleys by streams
13	Evergreen shrub; crooked trunk and branches; leaves leathery,			Moist soils	Along streams
14	Leaves alternate and simple; no thorns or thorn-like twigs.			Wet soils	Streambanks, floodplains
15	Leaves alternate, simple, and not evergreen; long, tapering, smooth thorns without buds.			Moist-dry soils	Upland forest edges, streambanks, valleys

16	Leaves simple, alternate, not white-downy; no thorns or thorn-like twigs.			Moist soils	Forests
17	Leaves simple, alternate, somewhat hairy and leathery; no thorns or thorn-like twigs.			Dry soils	Uplands, slopes, hillsides
18	Leaves opposite, simple, hairy beneath, drooping sides and no milky juice.			Moist soils	Uplands and valleys, mixed evergreen/deciduous forest
19	Small tree or shrub; alternate and simple leaves; no raised twig leaf scars; white pith.			Moist soils	Lowlands, understory of hardwood-coniferous forests
20	Leaves alternate, simple, hairy and not evergreen; long, tapering, smooth thorns without buds.			Moist soils	Valleys, upland slopes, forest openings, borders
21	Leaves opposite and simple.			Wet soils	Streambanks, floodplains, with other hardwoods
22	Leaves simple, alternate, and thin; some are unlobed.			Moist, sandy soils	Uplands and valleys
23	Leaves alternate, simple; spurs are stout and blunted; thorns are like pointed twigs.			Moist soils	Forest borders
24	Leaves alternate, singly compound; twigs have short, paired thorns; trees have pea-like pods.			Moist to dry soils	Open areas, woodlands
25	Leaves opposite.			Moist soils	Streets

26	Leaves alternate, compound; crushed leaf is aromatic; twigs have layered pith; trees have nuts and are tree-shaped; no milky juice and tree.			Moist soils	Streambanks, mixed forests
27	Leaves alternate, simple, and have silky white hairs; twigs slender and limber, and have one scale covering each bud; short stem; no thorns or thorn-like twigs.			Wet soils	Streambanks, valleys
28	Leaves alternate, compound, and have milky juice; leaf stem and twig fuzzy; tree is crooked.			All soil types	Uplands, forest edges, open fields
29	Leaves alternate, simple; no thorns or thorn-like twigs.			Moist soils	Uplands, lowlands
30	Leaves alternate, simple; spurs are stout and blunted; thorns are like pointed twigs.			Moist soils	Near houses, clearings, roadsides
31	Leaves alternate, simple, thin and have silky-hairy end buds; twigs encircled by scar at each leaf.			Moist soils	Mountain slopes, valleys, mixed forests
32	Leaves simple and opposite.			Moist and dry soils	Valleys, uplands, hardwood forests
33	Leaves alternate, simple, not hairy beneath; milky juice; no thorns or thorn-like twigs.			Moist to dry soils	Cities, dry, warm areas
34	Leaves alternate, simple, soft, hairy beneath, not evergreen, no bristle tips; no thorns or thorn-like twigs.			Wet soils	Lowlands, streambanks, floodplains
35	Narrowly oblong, long-pointed, many straight parallel side veins, each ending in a curved tooth.			Moist upland soils	Mixed forests

36	Evergreen, scalelike, short-pointed, dull yellow-green above, paler blue-green beneath.			Adapted to wet soils	Limestone uplands and swamps
37	Evergreen, flat, flexible, rounded at tip, spreading in two rows from the leaf stalk with 2 whitish bands on the bottom of each needle			Moist	Cool valleys and ravines
38	Evergreen, five slender, blue-green needles per bundle			Well-drained	Forests

