

MAGNOLIACEAE – MAGNOLIA FAMILY

Plant: shrubs and trees

Stem:

Root:

Leaves: deciduous or evergreen; simple, entire to lobed, not toothed, alternate; most with large stipules that fall early

Flowers: perfect; often solitary or paired, terminal, large and showy with a perianth consisting of 3+ whorls; 3 to many sepals; 6 to many petals; stamens numerous arranged spirally on long axis; ovary superior, numerous pistils, usually 2 ovules

Fruit: dry, 1-seed capsule (sometimes samaras) or berries; sometimes compound and cone-like

Other: Dicotyledons Group

Genera: 6-12+ genera; *Liriodendron* (tulip tree or yellow poplar), *Magnolia* (magnolia)

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Tuliptree [Tulip Tree, Yellow-Poplar]; *Liriodendron tulipifera* L.

Cucumber-Tree; *Magnolia acuminata* (L.) L.

Southern Magnolia; *Magnolia grandiflora* L.

Umbrella-Tree; *Magnolia tripetala* (L.) L.

Tuliptree [Tulip Tree; Yellow-Poplar]



Liriodendron tulipifera L.
Magnoliaceae (Magnolia Family)
Oak Openings Metropark, Lucas County, Ohio
Notes: tree; 6-petaled large flower (tulip-like), greenish yellow; leaves alternate, leaf shape distinctive with V-shaped notch, green above, somewhat whitened below; bark gray-brown with deep grooves; twigs may be glaucous; buds with 2 large, paired scales, end bud flattened; fruit a woody 'cone' breaking into samara-like winged fruits; spring
[V Max Brown, 2005]



Cucumber-Tree

Magnolia acuminata (L.) L.
Magnoliaceae (Magnolia
Family)



Watauga Lake Area, Carter County,
Tennessee

Notes: tree; 6 petaled large flower,
greenish yellow, solitary; leaves
alternate, elliptical, 10-25 cm, widest at
middle, shiny green above, paler green
below; bark gray-brown with ridges and
grooves; twigs smooth, mostly
brownish; buds long and densely
pubescent; fruit a 'cone', seed reddish
and flattened; spring

[V Max Brown, 2008]



Southern Magnolia

Magnolia grandiflora L.

Magnoliaceae (Magnolia Family)

Sandestin, Walton County, Florida

Notes: small to medium tree; 6-12 petaled large flower, white to cream colored, solitary, fragrant; leaves up to 30-40 cm, alternate, somewhat elliptical, tapering from middle to base, leathery, shiny green above, paler green below pale but sometimes with rusty hairs; bark gray-brown, smooth early with some scales later; twigs stout, reddish brown with dense reddish-brown hair (including terminal bud); fruit oblong to oval with rusty hairs; spring

[V Max Brown, 2012]



Umbrella-Tree

Magnolia tripetala (L.) L.

Magnoliaceae (Magnolia Family)

Lake Katharine State Nature Preserve, Jackson
County, Ohio

Notes: tree; 6 petaled large flower, white to cream colored, solitary, ill-scented; leaves large (up to 60+ cm), alternate, somewhat elliptical, tapering from middle to base, shiny green above, paler green below, glabrous, tend to be clustered near the end of branches; bark gray-brown, smooth and thin early with some furrows at maturity; twigs large (stout), reddish brown and mostly glabrous near the bud; bud scales nearly round, new winter buds large, glabrous and usually glaucous; fruit oblong; spring

[V Max Brown, 2009]

