

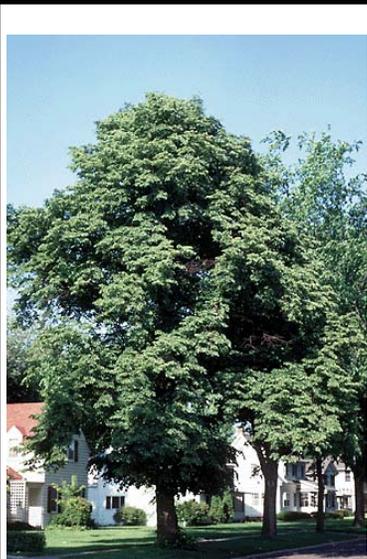
Large Trees (over 30')  
Deciduous

Map #51, 52, 53

## *Lindens*

(*Tilia spp.*)

American, Littleleaf & Silver  
(*T. americana*, *T. cordata* & *T. tomentosa*)



**Leaves:** - simple *T. americana* broad-oval, 4-8" long, heart-shaped at the base, coarsely serrated margins, tufts of hair in the vein axils; fall - green to yellow green. *T. cordata* - overall heart-shaped and coming to an abrupt point, 1 ½-3" long, finely serrated, tufts of brown hairs in vein axils; *T. tomentosa* - silver leaf undersides give a pleasing two-toned effect in a breeze.

**Buds:** alternate, true terminal absent, teardrop shaped, 2 scaled, lopsided, divergent, reddish brown to greenish. *T. cordata* - smaller; usually brown but may be reddish (winter). *T. tomentosa* -

**Stems:** zigzag; *T. americana* - shiny, light brown to gray. *T. cordata* - slender, lustrous brown. *T. tomentosa* -

**Bark:** *T. americana* - gray with even narrow furrows, flat topped scaly ridges. *T. cordata* - . *T. tomentosa* -

**Flowers:** pale yellow or yellowish-white, fragrant, borne in many flowered pendulous clusters, accompanied by a long, strap like bract. Attractive to bees. *T. cordata* flowers in June, *T. americana* in mid- July and *T. tomentosa* in late July.

**Fruits:** small, gray, nutlike structure, without ribs, slightly fuzzy, still suspended from their papery bracts.

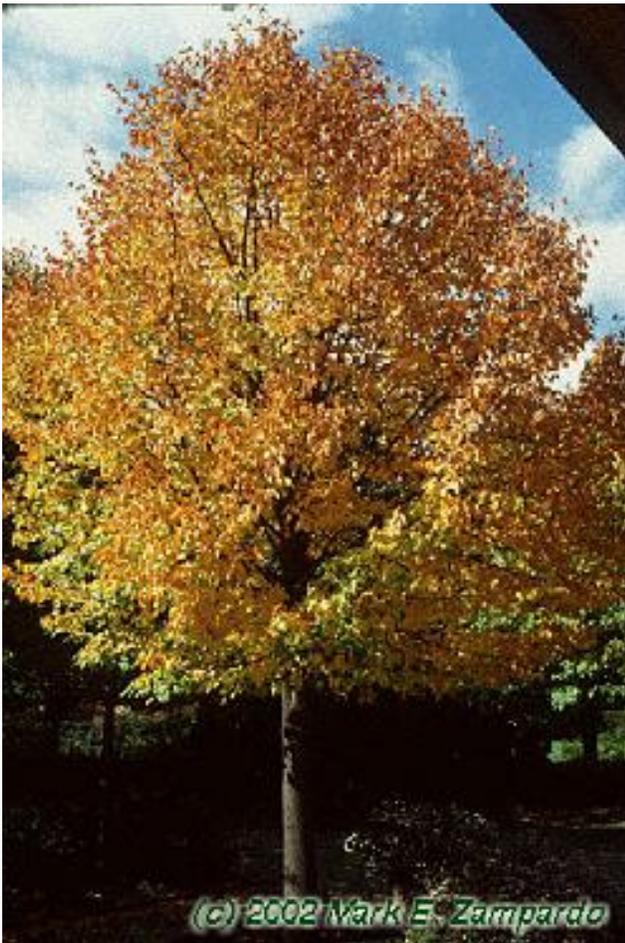
**Habit:** pyramidal in youth; mature - ovate to oblong crown; branches descending with ascending tips

**Culture:** **American Linden** - The least adaptable of the lindens. Requires a good soil with adequate moisture. Full sun to partial shade. Not a tree for the urban or modest sized landscape; **Littleleaf Linden** - Very adaptable, except for very dry sites. Full sun. Its habit is neatly pyramidal, (some cultivars are almost too formal, especially when young) and the June flowers are pleasantly fragrant, a rarity among shade trees. It is urban tolerant and should be considered ahead of the over-planted green ash and Norway maple for street use. Is highly susceptible to damage from the Japanese beetle. May have aphids and develop sooty mold from the honeydew; **Silver Linden** - Very adaptable. Tolerates dry conditions better than other lindens. Full sun. A first-rate urban tree that warrants greater use in the landscape.

**Cultivars:** 'Greenspire' Littleleaf L. - very pyramidal habit and good branching structure. *Tilia* x 'Redmond' - an exceptional and versatile shade tree that is equally at home in a park, a home yard or on a boulevard. It has a clean, pyramidal crown similar to the Littleleaf L., but less formal due to its larger leaves. It flowers a week earlier than the other lindens.



Silver Linden



Fall color is variable.



Tilia x 'Redmond'

Credits: Photos from: [www.midwestlandscapeplants.org](http://www.midwestlandscapeplants.org) and various other .edu websites unless noted. Text from: "Manual of Woody Landscape Plants" by Michael Dirr; "Tree Identification Characteristics (abridged)" from the University of Illinois Extension; [www.midwestlandscapeplants.org](http://www.midwestlandscapeplants.org); and misc. other sources. This publication may not be sold except to cover the cost of reproduction when used as part of an educational program of the University of Wisconsin-Extension.