



Sponsored by
The Thielke Arboretum of Glen Rock
&
The Glen Rock Environmental Commission

"THE 50 TREES LISTED HEREIN IDENTIFY TREES ADAPTABLE FOR THE NEW JERSEY RESIDENTIAL LANDSCAPE. THESE TREES ARE GROWING IN THE THIELKE ARBORETUM AND ARE IDENTIFIED BY SIGNAGE MADE POSSIBLE BY A GRANT FROM THE ASSOCIATION OF NEW JERSEY ENVIRONMENTAL COMMISSIONS."



Dedication of ID Tree Markers
NJ EC NJ 2013 - 2014 Grant



The Thielke Arboretum

Thielke Arboretum - 460 Doremus Ave - Glen Rock, NJ 07452
<http://www.glenrockarboretum.org>

"A grant from ANJEC (Association for NJ Environmental Commissions) to the Glen Rock Environmental Commission and Thielke Arboretum of Glen Rock has funded this booklet and new botanical signs which identify 50 species of shade/ornamental trees recommended by Rutgers Cooperation Extension as being most appropriate for residential use."

Cindy Mehallow and Sylvia Rabachi. 'GREC' co-chairs

Friends of the Glen Rock Arboretum, is the non-profit 501(c)3, organization managing The Thielke Arboretum of Glen Rock. The arboretum is maintained entirely by volunteers of all ages, varying experience, and with an interest and love of the environment and nature. The arboretum is Nature's "Work in Progress."

The Arboretum has excellent education teams with informed docents for the many tours and school groups on nature science field trips that come to the arboretum. Included on the volunteer staff are a master Gardener tree expert *and* a certified bird expert who also leads tours of the arboretum. The new Tree ID markers will be a wonderful addition to our education program.

The arboretum depends on memberships and support to continue it's many programs. The Trustees of The Fiends of the Glen Rock Arboretum, Inc. appreciate the help of all volunteers and look forward to the construction of a new Environmental Education Center. With your help, this dream will become a reality in the near future. Thank you all.

Carol Thielke



	A	B	C	D	E
1	AMERICAN BEECH	<i>Fagus grandifolia</i>	D	80 -100'	Large shade tree, Fall color yellow-brown. Native.
2	AMERICAN RED BUCKEYE	<i>Aesculus glabra</i>	D	25'	Striking flowers –Red/purple. Heart shaped leaves. Native tree.
3	AMERICAN ELM	<i>Ulmus americana</i>	D	100'	Beautiful vase shape. Shade tree. Native. New cultivars resistant to Elm Disease.
4	AMERICAN HOLLY	<i>Ilex opaca</i>	E	70'	Dark green, bright red berries. Native tree or shrub.
5	AMERICAN HORNBEAM	<i>Carpinus caroliniana</i>	D	30'	Likes moist Soil. Fall tints: Red – Yellow. Native
6	AMERICAN LINDEN	<i>Tilia americana</i>	D	60 -100'	Aka Basswood. Flowers: Yellow, in clusters. Native..
7	AMUR RED MAPLE	<i>Acer rubrum</i>	D	60 -90'	Small shade tree. Pale green lacy leaves turn red in the Fall. Early yellow blossom followed by red fruit. Dark red bark. Native tree
8	BLACK BIRCH	<i>Betula lenta</i>	D	50 -80'	Moist soil. Multi stemmed. Peeling black bark. Native tree.
9	BLACK GUM TUPELO	<i>Nyssa sylvatica "Wildfire"</i>	D	50 -100'	Aka Sweetgum, Pepperidge. Glossy leaves turn scarlet in Fall. Native.
10	CHASTETREE	<i>Vitex agnus-castus</i>	D	20'	Small tree or shrub. Spikes of lilac like flowers May.
11	DAWN REDWOOD	<i>Metasequoia</i>	D	100'	Soft needle like leaves. A conifer with small cones. Golden Fall color. Likes moist soil. China.
12	CORNELIAN CHERRY DOGWOOD	<i>Cornus mas</i>	D	25'	Early yellow blossoms followed by red fruit. Dark red bark.
13	DOWNY SHADBLOW	<i>Amelanchier Canadensis</i>	D	40'	aka; June-berry. Delicate white flowers April-May. Followed by berries in June. Likes moist soil Native small tree.
14	EASTERN REDBUD	<i>Cercis canadensis</i>	D	20'	Rosy-pink blooms in April before leafing out. Produces pods in October. Shade tolerant. Native tree.
15	EUROPEAN BEECH	<i>Fagus sylvatica, 'copp</i>	D	70'	Beautiful large shade tree. Green leaves turn a copper bronze in Autumn.
16	FRANKLIN TREE	<i>Franklinia alatamaha</i>	D	20'	Small specimen ornamental. Large fragrant white or yellow flowers bloom in September. Leaves turn from green to fiery orange and red in the Fall. Native. A Historic tree
17	FLOWERING DOGWOOD	<i>Cornus florida</i>	D	30'	Excellent flowering native tree. White flowers/bracts bloom in April or May. Dark green leaves turn reddish purple in Fall. Fruit ripens in Fall. Susceptible to Anthracnose fungus in the past depending on site.
18	GOLDENCHAIN TREE	<i>Laburnum watereri</i>	D	20'	Striking vanilla scented yellow pea like flowers in May-June. Seeds in Fall. All parts of plant are poisonous. Native to Southern Europe.
19	GOLDENRAIN TREE	<i>Koelreuteria paniculata</i>	D	30 -40'	AKA: Varnish Tree. Named Urban Tree of 2011. Drought tolerant. Yellow blossoms, early Summer. Native of Asia.



THIELKE ARBORETUM

460 DOREM

www.glenrockarbore

Frank Taylor
Main Gate

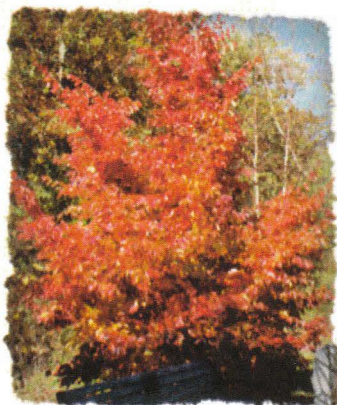


US AVENUE GLEN ROCK, NJ

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20	HARLEQUYN GLORYBOWER	<i>Cleronoendron</i>	D	15'	Flowers in late summer. Pink buds open to Jasmine fragrant white flowers. Tough and adaptable. Can be used as a large shrub.
21	JAPANESE FLOWERING DOGWOOD	<i>Cornus kousa</i>	D	30'	<i>Creamy white blossoms appear about a week after the Cornus florida</i> , followed by strawberry like fruit attractive to birds. Scarlet Fall foliage and exfoliating bark.
22	JAPANESE FLOWERING CRABAPPLE	<i>Malus floribunda</i> , "Persuasion"	D	15 -29'	Profuse blossoming in with red or yellow fruit. Buds are pink, opening to white. Wide spreading branches.
23	JAPANESE MAPLE	<i>Acer palmatum</i>	D	15 -25'	Useful as specimen, in a grouping as an accent. Red or green foliage. Deeply lobed and finely cut leaves giving a soft ferny look. Fall foliage is brilliant burnt orange.
24	JAPANESE SNOWBELL	<i>Styrax japonicus</i>	D	25'	Pendulous white flowers in late May – early June. Fragrant bell shaped blossoms. Likes moist soil. There is also a pink cultivar.
25	JAPANESE STEWARTIA	<i>Stewartia pseudocamellia</i>	D	25'	Pyramidal -oval shaped tree. Large white flowers in late summer. The bark flakes off leaving the trunk grey and orange-bronze coloring, providing winter interest. Prefers moist soil. Zone 8-7.
26	LARCH, GOLDEN	<i>Larix kaempferi</i>	D	70'	Aka: Tamarack or Hackmatack. One of three conifers that is deciduous. Conical crown with horizontal branches. Likes moist Soils. Needles turn golden yellow in Fall. Native.
27	MAGNOLIA, SAUCER	<i>Magnolia x soulangan</i>	D	25'	Specimen tree. Large fragrant blossoms at end of twig. Blossoms are pink, purple or white on the outside and white. Saucer shape blossom. China.
28	MAGNOLIA, SOUTHERN	<i>Magnolia Grandiflora ' little gem'</i>	E	50 -70'	Shiny dark green leaves. Large fragrant flowers in early summer. Zone 6/7 to 9. Fruit shape resembles a pineapple. Evergreen. Native to No. America.
29	MAGNOLIA SWEETBAY	<i>Magnolia virginiana</i>	E/D	20 -60'	Semi Evergreen into winter. Often multi stemmed. Fragrant white blossoms late Spring into early Summer. Leaves and twigs have spicy fragrance. Native.
30	MAPLE, JAPANESE CORAL BARK	<i>Acer palmatum</i>	D	15 -25'	Salmon tinted branches and coral color bark placed against its lime green Palmatum leaves is a spectacular small specimen tree. Neutral Soil. Zone 4A – 9C.
31	MAPLE, PAPERBARK	<i>Acer griseum</i>	D	30'	Beautiful cinnamon-brown exfoliating bark. Russet red leaves in the fall. Native.
32	PERSIAN IRONWOOD	<i>Parrotia persica</i>	E/D	20 -40'	The beauty of this tree is the multi coloring of the leaves; cinnamon, pink, green and pale yellow the blossoms resemble the witch hazels and bloom in late winter. Native to IRAN.
33	PIN OAK	<i>Quercus palustris</i>	D	50 - 90'	Aka: Willow Oak. Conical or rounded crown with slender branches with willow like foliage. Large shade tree. Moist soils. Acorns are long with saucer shape caps. Native.

35	RIVER BIRCH	<i>Betula nigra</i>	D	40 -80'	Green leaves turn yellow in Fall. Exfoliating bark. Native.
36	SASSAFRAS	<i>Sassafra albidum</i>	D	30 -60'	Mitten shaped leaf, multi color Fall leaves. Fruit. Fragrant. Native.
37	SCARLET OAK	<i>Quercus coccinea</i>	D	60 -80'	Fast Grower. Important source of food for wildlife. Brilliant Fall color. Soil Tolerant. Native.
38	SERVICE TREE	<i>Amelanchier arborea</i>	D	25'	White blossoms, Spring; blueberries, Summer. Red Fall color. Native.
39	SEVEN SON FLOWER	<i>Heptacodium miconioides</i>	D	20'	Sun. White blossoms, September fragrant. China
40	SOURWOOD, SORREL-TREE	<i>Oxydendrum arboreum</i>	D	50'	Peach color leaves turn brilliant yellow/scarlet in Fall. Drooping white flowers. Acid soil. Native.
41	STAGHORN SUMAC	<i>Rhus typhina, 'tiger eyes'</i>	D	30'	Shiny leaves. Blossoms in drupes, April. Fall colors, brilliant. Winter interest, fruit. Colonizes. Deer attraction. Only tree to native base 48 states. Indian Lemonade.
42	SUGAR MAPLE	<i>Acer saccharum</i>	D	60 -75'	Aka; Hard Maple, Rock Maple. Leaves have five coarsely-toothed lobes. Fruit is winged seed pair. Maple sugar and syrup. Native.
43	SWEET GUM	<i>Liquidambar styraciflua</i>	D	60 -100'	Small white flowers in clusters. Brilliant multicolored Fall foliage Native.
44	SYCAMORE	<i>Plataus occidentalis</i>	D	70 -100'	Aka: American Plane tree. Large base trunk. Hardwood. Brown mottled bark. Shade tree. Wet soils. Fruit: 1" round bristly brown ball. Native.
45	STEWARTIA	<i>Stewartia serrata</i>	D	25'	Small ornamental. Creamy white (sometimes pink) blossoms. Semi shade. Japan.
46	WASHINGTON HAWTHORNE	<i>Crataegus phaenopyrum</i>	D	25'	AKA: Washington-thorn. Cluster of tiny white flowers in Spring. Brilliant Fall foliage. Tiny red fruit. Long slender thorns. Moist soil. Native.
47	WHITE FRINGETREE	<i>Chionanthus virginicus</i>	D	30'	Fragrant, lacy white flowers late May, early June. Fruit is small, dark purpleish to black. Late to leaf out. Blooms on last years twigs.
48	WHITE PINE	<i>Pinus strobus</i>	E	100'	Aka: Eastern or Northern Pine. Largest of Pines. 1 horizontal branch added per year. 5 needles in a bundle, blue-green. Conifer. Cones are slender, long and yellowish brown. Important Native tree.
49	WHITE SWAMP OAK	<i>Quercus alba L.</i>	D	100'	Canopy tree. Classic Eastern Oak. Leaves turn red or brown, often remain through Winter. Egg shaped acorns, shallow caps. Important source for lumber. Native.
50	YELLOWWOOD, AMERICAN	<i>Cladrastis kentukea</i>	D	30 -50'	Shiny green leaves turn yellow in early Fall. Fragrant white flowers in pendant clusters in early May. A source for yellow dye. pH soil above 7 Native.



New identifying signs