# Clinton Township Approved Tree List Originally created as URBAN TREES FOR CENTRAL OHIO By Lisa M. Bowers Regional Urban Forester ODNR- Ohio Division of Forestry

## SIZES AND DESCRIPTIONS MAY VARY DEPENDING ON SITE PLACEMENT! TREES FOR LANDSCAPES, STREETS, PARKS & CEMETERIES

### **SMALL TREES** – Mature height under 30', suitable under utility wires

**Adams Crabapple – Malus 'Adams':** height – 25'; habit - dense rounded; fall color – orangered; fruit – red, persistent.

**Centurion Crabapple – Malus 'Centurion':** height: 20' – 25'; fruit – cherry-red ½"; habit - upright; fall foliage: green; flowers – rose-red.

**Harvest Gold Crabapple** – **Malus 'Harvest Gold':** height: 20' - 25'; fruit – golden, ½"; habit – upright; flowers - white; fruit persists into spring.

**Madonna Crabapple – Malus 'Madonna':** height: 16' – 20'; fruit – red; habit – compact, upright; flowers – white, double.

**Prairifire Crabapple – Malus 'Prairifire':** height – 20'; habit – upright spreading, foliage – reddish-green and yellow in the fall; flowers – coral red; fruit – dark red.

**Red Jewel Crabapple – Malus 'Red Jewel':** height – 15'; habit- mounded spreading form; fruit – cherry red ½" persist to April, foliage – excellent dark green; flowers – white.

**Corneliancherry Dogwood** – **Cornus mas:** height: 20' - 30'; habit- rounded; flowers- yellow, March.

**Japanese Cornel Dogwood – Cornus officinalis:** height 20', 35' width, flowers- yellow March to April, bark- gray, brown & orange.

**Flowering Dogwood** – **Cornus florida:** height 20-30', spread 20-25'. Flowers- white- 4 bracts, Fruit- drupe, red. Prefers protected site and acidic soils. Native and naturally grows as a understory tree.

**Kousa Dogwood – Cornus kousa:** height 20-30' and equal spread. Mottled bark of gray, tan and orange. Flowers- white in June. Fruit looks like a pinkish red raspberry. Fall color- red to purple. Many cultivars available.

Thornless Cockspur Hawthorn – Crataegus crusgalli: height: 15'–20'; habit – globose, dense branches; flowers – white in clusters; fruit – ½" red persistent, used for wildlife; foliage gray green, purple/red in fall.

Winter King Green Hawthorn - Crataegus viridis 'Winter King': height – 20-25'; habit – rounded, fall color – purple to red; flowers – white cluster; fruit – red and persisting.

Ohio Pioneer Dotted Hawthorn – Crataegus punctata var. inermis 'Ohio Pioneer': height: 20'-25'; fruit; dark brick-red; habit - rounded; fall foliage – grayish/green; flowers - white clusters; thornless.

**Vaughn Hawthorn** – **Crateagus phaenopyrum x** Crateagus crusgalli 'Vaughn': height - 15 - 20'; fruit – glossy, orange-red, 3/8"; habit – rounded; fall foliage – grayish-green; flowers – white.

**Washington Hawthorn – Crataegus phaenopyrum:** height: 25-30'; fruit – bright glossy red; shape – oval rounded; fall foliage – orange to scarlet to purplish, thorns.

American Hornbeam, Musclewood – Carpinus caroliniana Autumn Fire: height: 25'- width-6-8' upright form with burgundy, orange and red foliage in the fall. Native.

**Ivory Silk Tree Lilac - Syringa reticulata 'Ivory Silk':** height - 20'-30'; shape - rounded; fruit - clusters of capsules; fall foliage - green; flowers - 6-10" white panicles; attractive flowers in early July, flowers at a young age.

**Amur Maackia – Maackia amurensis:** height - 20'-30', shape- rounded, fruit – pod, flower – 4-6" white racemes June – July.

**Trident Maple – Acer buergerianum:** height 20-30', spread 20' fall color- orange to scarlet.

**Amur Maple - Acer ginnala:** height: 15' - 20'; shape - globose to ovate; foliage - green to red/orange in fall.

**Paperbark Maple – Acer griseum:** height -20 - 30'; shape – upright oval to rounded; fall color – russet red to red; exfoliating bark makes this tree interesting.

**Tartarian Maple** – **Acer tataricum:** height – 15 - 20' sometimes 30'; shape – rounded; fall color – yellow, red to reddish brown.

**Persian Parrotia – Parrotia persica:** height -20-40' spread 15-30', somewhat upright branching. Ornamental bark, very early small red flowers, yellow to sometimes reddish fall color.

**Serviceberry species** – **Amelanchier species**: height – 25' – 30'; fruit – red, birds love them; shape – oval, upright; foliage – orange/red in fall; flowers – white clusters.

**Eastern Redbud – Cercis canadensis:** height  $-20^{\circ} - 25^{\circ}$ ; flowers – dark pink, early before foliage, fruit – small pod; shape - irregular; fall color – sometimes yellow. '**Alba'** – white flower selection. Naturally grows as an understory tree, native.

**Blackhaw Viburnum – Viburnum prunifolium:** height – 12-15'; shape – rounded; flowers – white clusters in May; fruit – blueish black and eatable. **Dark Tower-** height 15-18', width 8-10', glossy foliage, white flowers, bue-black fruit, fall color- orange to scarlet.

Nannyberry Viburnum – Viburnum lentago: height – 18' possibly 30'; shape – upright, open; flowers – white clusters in May; fruit – blueish black, winter food for birds

### <u>MEDIUM TREES</u> – Mature size being 30'-60'.

**Black Alder – Alnus glutinosa** height – 40-60'; shape – pyramidal when young then irregular; fruit – woody strobile; adaptable, does well in wet or dry sites, full sun or partial shade, nitrogen fixer.

**Autumnalis Higan Cherry – Prunus subhirtella variety Autumnalis:** height: 20-40'; flowers – semi-double pink; habit – oval upright; Higan cherry are the most cold, heat and stress tolerant of the cherry group.

**Jackii Crabapple** – **Malus 'Jackii':** height: 30-40'; fruit – maroon ½"; shape - upright and rounded; foliage – glossy green, yellow in the fall.

Spring Snow Crabapple – Malus 'Spring Snow' – fruitless, white flowers

**Frontier Elm- Ulmus x 'Frontier'-** height 35', width 25', high resistance to DED, fall color-red to purplish. Fast growth rate.

**Lacebark or Chinese Elm - Ulmus parvifolia:** height: 40-50'; fruit – whitish, winged <sup>1</sup>/<sub>4</sub>"; shape – rounded; fall foliage – yellow to wine. Bark- mottled to exfoliating.

**Patriot Elm – Ulmus 'Patriot' –** height 45', 25 wide and vase shaped. Excellent resistance to DED. Glossy green foliage. Fall color-yellow

**Goldenraintree** – **Koelreutaria paniculata:** height: 25' to 40'; shape - globose; flower – yellow June-July; foliage – blue/green leaflets, yellow in fall; fruit – bladder like papery green capsules turning brown.

**American Hophornbeam** – **Ostrya virginiana:** height: 30'-40'; shape conical to globose with age; foliage – green, yellow in fall; flowers – catkins; fruit nutlets in bunches. Prefers some protection, understory tree.

**European Hornbeam** – **Carpinus betulus:** height: 35'- 40'; shape – conical becoming ovate, wide spreading; foliage – green-yellow in fall; flowers – catkins with bracts; fruit – leafy cluster with nutlets.

**Upright European Hornbeam - Carpinus betulus 'Fastigiata':** height: 30-40; shape – upright oval dense; fall color – yellowish. Grown for its dense upright habit.

**American Hornbeam, Musclewood – Carpinus caroliniana:** height: 25-35' possibly taller, with equal spread; fall color- yellow to orange, does well in moist sites, native.

**Red Horsechestnut – Aesculus x carnea:** height- 30-40'; shape – round to broad-rounded; flowers- rose red 6-8" panicles. 'Briotii' – flowers deeper red and larger.

**Crimean Linden – Tilia x euchlora:** height – 40-60' and half that in spread; fall color – possibly yellow-green.

**Legend American Linden** – **Tilia americana 'Wendell':** height: 50'; shape – broadly conical; foliage – dark green; flowers – pale yellow, attracts bees; fruit – ½" nutlets.

**Littleleaf Linden – Tilia cordata:** - height: 45' - 65'; fruit – tan globes  $\frac{1}{4}$ "; shape – compact, pyramid; 'Corinthian', 'Greenspire', 'Glenleven'- cultivars.

**Hedge Maple – Acer campestre:** height – 25 - 45'; shape – rounded; fall color – yellow; can tolerate alkaline soils. 'Queen Elizabeth'-cultivar

**Celebration Maple** – **Acer x freemanii 'Celebration':** height: 45'; fruit – seedless; shape – upright, oval; fall foliage - orange-red; flowers – greenish-yellow.

Norwegian Sunset Maple – Acer truncatum x Acer platanoides 'Norwegian Sunset': height; 35' – 45'; fruit – winged, 1 ½"; shape – upright oval; fall foliage – orange-red; flowers - greenish-yellow.

Pacific Sunset Maple – Acer truncatum x Acer platanoides 'Pacific Sunset': height: 30'-40'; fruit – winged, 1 ½"; shape – upright, rounded; fall foliage – red; flowers – greenish yellow.

**Sawtooth Oak –Quercus acutissima:** height: 40'-50'; fruit – acorn; shape – rounded.

Osage Orange – Maclura pomifera: height 25-40' spread 20-40'. Glossy foliage, fruit-3-6" yellow-green globe. Stems armed with stout spines. Choose the cultivar 'Whiteshield'= male clone, fruitless and no spines. Native to Ohio.

**Hardy Rubber Tree** – **Eucommia ulmoides:** height: 40' – 60'; rounded to broad spreading; foliage – green-yellow/green in fall; flower dioecious - not showy; fruit – 1 ½' capsule; lustrous dark green foliage, slow grower.

**Yellowwood** – **Cladrastis kentukea:** height 30-50' spread 40-50'. Flowers- white panicles, Fruit- brown pod. Fall color- yellow. Tolerant of alkaline soils.

### <u>LARGE TREES</u> – Mature size being 60+ feet.

**Baldcypress – Taxodium distichum:** height:50-70'; habit – pyramidal; foliage – yellow-green in the spring, linear lanceolate, orange to pink to soft brown in the fall; a deciduous conifer that adapts well to wet or dry sites, landscape tree mostly, but also used as street trees.

**River Birch- Betula nigra:** height – 40-70;, habit – oval maturing to rounded; fall color – yellow and has handsome exfoliating bark. Prefers lower pH soils.

**Kentucky Coffeetree** – **Gymnocladus dioicus:** height: 55'–75'; foliage – blue-green leaflets, yellow in fall; flowers – green or yellow-white clusters; fruit – 4" to 10" reddish brown pods on females. Native to Ohio.

American Elms- Improved = Ulmus americana: 'Valley Forge', 'Princeton', 'New Harmony', 'Jefferson': height 60-80', medium to fast growing; shows tolerance to Dutch Elm disease.

**Accolade Elm – Ulmus japonica x wilsoniana Accolade:** height 70', spread 40-50, upright spreading habit. Fall color- yellow. Good resistance to DED.

Ginkgo (male only) Ginkgo biloba: height: 50'-80'; shape – irregular; foliage – fan shaped yellow in fall; fruit – none on males; wide unless upright selection is chosen. Distinctive tree and has historical interest. Male cultivars; 'Autumn Gold', 'Fairmont', 'Lakeview', 'Mayfield', 'Palo Alto', 'Princeton Sentry', 'Sinclair'

**Bitternut Hickory - Carya cordiformis:** height 50-75+' fast grower for a hickory. Fruit 11/2" long, 4-winged. Native.

**Shagbark Hickory – Carya ovata:** height 60-80+', equal width, Known for it's gray shaggy bark. Fall color- yellow. Native to Ohio.

Honeylocust species (Thornless only) Gleditsia triacanthos var. inermis: height: 40' – 70'; shape – ovate; foliage – green/yellow in fall; flowers – inconspicuous; fruit – long brown pods; lacy appearance, casts light shade easy to clean up in fall.

**Horsechestnut – Aesculus hippocastanum:** height: 50-75+; shape – upright oval to rounded; flowers- yellowish 5-12" terminal panicles; foliage – early to leaf out, yellowish brown in fall; fruit – spiny dehiscent.

**American Linden – Tilia americana:** height 60-80'plus, shape- oblong rounded crown, flowers- yellow, fall color- pale yellow '**Redmond'-** height- 60, spread 35'

**Silver Linden - Tilia tomentosa:** height: 50' - 70'; shape – conical to ovate; foliage – green with silver underside, yellow in the fall; flowers – yellowish-white, fragrant; fruit - 1/3" nutlet; attractive and tolerates heat and drought better than most lindens. **'Sterling'** – cultivar

**Cucumbertree Magnolia Magnolia acuminata:** height 50-80'; shape- broad rounded; flower- perfect, greenish yellow- May; native to Ohio.

**Black Maple – Acer nigrum:** height: 60' - 75'; shape – ovate; fall color - yellow; flowers – yellow/green before leaves appear; fruit – 1" samara.

**Sugar Maple species -**— **Acer saccharum:** height: 60'- 75'+; fruit – winged, 1-1 3/4"; shape – oval to rounded; fall foliage – orange, red; flowers – yellow green. **'Commemoration'**, **'Green Mountain'** – cultivars.

**Bur Oak – Quercus macrocarpa:** height 70' – 90'; shape – ovate; foliage - 5-8" fiddle shape rounded lobes, yellow brown in fall; flowers – inconspicuous; fruit acorns; durable wide range of soils, massive, more tolerant of city conditions than most Oaks.

Chinkapin Oak – Quercus muehlenbergii: height – 50-70'+,; shape – open rounded crown, wide spreading with age, fall color- yellow to orangish brown; will grow in alkaline soils.

Crimson Spire Oak – Quercus robur x alba 'Crimschmidt': height 45' spread 15'Upright grower, Fall color- reddish

**English Oak – Quercus robur:** height: 60' to 80'; shape ovate to globose; foliage 3-5" lobes, brown in fall; flowers – inconspicuous; tolerant of drought and resistant to some limited root space, upright forms also available.

'Skymaster' – cultivar - height: 50' – 60'; shape – pyramidal; fall foliage – green.

**Northern Red Oak – Quercus rubra:** height: 60' - 80'; fruit – acorn; shape – ovate, open; fall foliage – bright reddish, golden brown; flowers – inconspicuous.

**Pin Oak – Quercus palustris:** height: 55' to 75'; shape – conical to ovate; foliage – 3 –6' lobes, bronze in fall; flowers – inconspicuous; fruit – acorns.

**Regal Prince Oak – Quercus robur x bicolor 'Long':** Height 45' Spread 18' Columnar form and mildew resistant foliage. Fall color-yellow.

**Scarlet Oak –Quercus coccinea:** height – 70-75' by 40-50' in width, fall color – scarlet to russet red.

Shingle Oak – Quercus imbricaria: height: 40' - 60'; shape – conical to globose; foliage - 3' - 6" laurel like leaves, green, yellow/brown to russet red in fall; fruit acorns; attractive and tolerant to city conditions, leaves persist into winter and can be used for screening.

**Shumard Oak** – **Quercus shumardii:** height: 60' – 80'; fruit – acorn; shape – broad, rounded; fall foliage – reddish-brown; flowers – inconspicuous. More tolerant of alkaline soils than Northern Red Oak.

**Swamp White Oak - Quercus bicolor:** height: 60' - 80'; shape – ovate; foliage - 4'' - 8'' lobes, yellow brown in fall; flowers – inconspicuous.

**Japanese Pagodatree** – **Sophora japonica:** height: 50-75'; shape – upright spreading; flowers – creamy white panicles July- August, fruit – pod, fall color – occasional yellow.

**Common Persimmon – Diospyros virginiana:** height- 35-60'+, spread 20-35' Flowers- white, Diecous- need two plants for pollination. Edible yellow to orange fruit. Native to Ohio.

**American Planetree, Sycamore – Platanus occidentalis-** height 75-100+' with similar spread, bark- exfoliating to white. Native

**London Planetree** – **Platanus x acerifolia:** height: 70-100'; shape – pyraimidal in youth, open wide spreading with age; bark – olive green to creamy, exfoliating.

**Dawn Redwood** – **Metasequoia glyptostroboides:** height: 65' - 100'; shape - conical; foliage – deciduous needles, yellow to orange/brown in fall; flowers – inconspicuous; fruit – 1" pendulous cones.

**Sweetgum – Liquidambar styraciflua:** height: 60' - 75'; fruit – horned balls, 1-1 ½"; shape - pyramidal; fall foliage – green, yellow, scarlet and purple; star shaped leaves, best if planted in the spring.

**Tuliptree- Liriodendron tulipifera:** height: 70-90', shape – oval-rounded; foliage- golden yellow to yellow in fall; flowers- tulip like- greenish yellow petal with orangish interior-beautiful flower.

**Black Tupelo or Black Gum – Nyssa sylvatica:** height: 40' - 70'; shape conical; foliage – glossy dark green, yellow/orange and scarlet in fall; flowers – inconspicuous; fruit – ½" blue, eaten by birds and mammals.

**Black Walnut- Juglans nigra:** height 50-75', with equal spread. Light green nuts 11/2-2" thick.

**Japanese Zelkova- Zelkova serrata** – height: 50-80' elm-like foliage and vase shaped when young. Fall color- yellow- orange, possibly red 'Green Vase' and 'Village Green'

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