

Tree Course - Level 1				Tree Course - Level 2			
<b>Mixed Mesophytic Forest</b>				<b>Succession &amp; Open Grown Trees</b>			
1		White Ash	Fraxinus americana	1		Staghorn Sumac	Rhus typhina
2		Blue Ash	Fraxinus quadrangulata	2		Smooth Sumac	Rhus glabra
3		Sugar Maple	Acer saccharum	3		Shingle Oak	Quercus imbricaria
4		Shagbark Hickory	Carya ovata	4		Northern Catalpa	Catalpa speciosa
5		White Oak	Quercus alba	5		Winged Sumac (Shining)	Rhus copallina
6		Northern Red Oak	Quercus rubra	<b>Appalachian Hillides &amp; Coves</b>			
7		Bitternut Hickory	Carya cordiformis	6		Leatherwood	Dicra palustris
8		Tulip Poplar	Liriodendron tulipifera	7		Pignut Hickory	Carya glabra
9		American Beech	Fagus grandifolia	8		Serviceberry, Shadbush	Amelanchier arborea
10		Eastern Hemlock	Tsuga canadensis	9		Alternate-leaf Dogwood	Cornus alternifolia
11		Basswood	Tilia americana	10		Cucumber Tree	Magnolia acuminata
12		Blackgum, Black Tupelo	Nyssa sylvatica	11		Yellow Buckeye	Aesculus flava
13		Red Maple	Acer rubrum	12		American Hazelnut	Corylus americana
<b>Mixed Mesophytic Understory:</b>				13		American Chestnut	Castanea dentata
14		Pawpaw	Asimina triloba	14		Scarlet Oak	Quercus coccinea
15		Spicebush	Lindera benzoin	15		Mockernut Hickory	Carya tomentosa
16		Black Haw	Viburnum prunifolium	<b>More Riparian Trees &amp; Shrubs</b>			
17		Flowering Dogwood	Cornus florida	16		Kentucky Coffee Tree	Gymnocladus dioicus
18		Poison Ivy	Toxicodendron radicans	17		White Walnut	Juglans cinerea
19		Eastern Hop Hornbeam	Ostrya virginiana	18		River Birch	Betula nigra
20		American Hornbeam	Carpinus caroliniana	19		Black Maple	Acer nigrum
<b>Streamside, Floodplain &amp; Bottomlands</b>				20		Wafer Ash/Hoptree	Ptelea trifoliata
20		Sycamore	Platanus occidentalis	<b>Prairie Associates</b>			
21		American Elm	Ulmus americana	21		Post Oak	Quercus stellata
22		Box Elder	Acer negundo	22		Blackjack Oak	Quercus merilandica
23		Silver Maple	Acer saccharinum	23		Ninebark	Physocarpus opulifolius
24		Cottonwood	Populus deltoides	24		Prickly Ash	Zanthoxylum americanum
25		Ohio Buckeye	Aesculus glabra	25		Fragrant Sumac	Rhus aromatica
26		Sweetgum	Liquidambar styraciflua	<b>Stream edges</b>			
27		Black Walnut	Juglans nigra	26		Bladdernut	Staphylea trifolia
<b>Bluffs &amp; Upland Hillides</b>				27		Witch-hazel	Hamamelis virginiana
24		Chestnut Oak	Quercus montana	28		Wahoo	Euonymus atropurpureus
25		Black Oak	Quercus velutina	29		River Cane	Arundinaria gigantea
26		Chinquapin Oak	Quercus muehlenbergii	30		Shumard Oak	Quercus shumardii
<b>Succession &amp; Sun-loving Trees</b>				31		Wafer Ash Hoptree	Liquidambar styraciflua
27		Black Locust	Robinia pseudoacacia	<b>The Conifers</b>			
28		Honey Locust	Gleditsia triacanthos	32		White Pine	Pinus strobus
29		Hackberry	Celtis occidentalis	33		Northern White Cedar	Thuja occidentalis
30		Eastern Red Cedar	Juniperus virginiana	34		Virginia Scrub Pine	Pinus virginiana
31		Slippery Elm	Ulmus rubra	35		Northern White Cedar	Thuja occidentalis
32		Sassafras	Sassafras albidum	<b>Wetlands</b>			
33		Black Cherry	Prunus serotina	36		Green Ash	Fraxinus pennsylvanica
34		Redbud	Cercis canadensis	37		Pumpkin Ash	Fraxinus profunda
35		Osage Orange	Maclura pomifera	38		Shellbark Hickory	Carya laciniosa
<b>Notable Invasives</b>				39		Elderberry	Sambucus canadensis
36		Tree of Heaven	Ailanthus altissima	40		Pin Oak	Quercus palustris
37		Bush Honeysuckle	Lonicera spp	41		Swamp White Oak	Quercus bicolor
38		Autumn Olive	Elaeagnus umbellata				



