

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
red maple	Acer rubrum	WDH	High	96.3	1198.02	12.44	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	1
white oak	Quercus alba	WDH	Medium	96.3	1169.07	12.14	No change	No change	High	Abundant	Very Good	Very Good			1	2
yellow-poplar	Liriodendron tulipifera	WDH	High	96.3	876.75	9.11	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	3
sugar maple	Acer saccharum	WDH	High	77.8	681.8	8.77	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	4
Virginia pine	Pinus virginiana	NDH	High	72.8	556.85	7.64	Sm. dec.	Lg. dec.	Medium	Abundant	Fair	Fair			0	5
chestnut oak	Quercus prinus	NDH	High	76.5	547.85	7.16	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	6
scarlet oak	Quercus coccinea	WDL	Medium	65.4	308.99	4.72	Sm. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	7
pignut hickory	Carya glabra	WDL	Medium	71.6	298.31	4.17	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	8
black oak	Quercus velutina	WDH	High	69.1	285.51	4.13	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	9
shortleaf pine	Pinus echinata	WDH	High	55.6	278.77	5.02	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	10
sourwood	Oxydendrum arboreum	NDL	High	85.2	273.78	3.21	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	11
American beech	Fagus grandifolia	WDH	High	63	252.12	4	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	12
blackgum	Nyssa sylvatica	WDL	Medium	88.9	250.57	2.82	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	13
eastern hemlock	Tsuga canadensis	NSH	High	46.9	248.44	5.3	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	14
mockernut hickory	Carya alba	WDL	Medium	64.2	227.35	3.54	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	15
eastern redcedar	Juniperus virginiana	WDH	Medium	34.6	188.48	5.45	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	16
eastern white pine	Pinus strobus	WDH	High	32.1	172.78	5.38	Sm. dec.	Lg. dec.	Low	Common	Poor	Very Poor	Infill +		0	17
black cherry	Prunus serotina	WDL	Medium	56.8	166.91	2.94	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	18
white ash	Fraxinus americana	WDL	Medium	39.5	156.28	3.96	No change	Sm. inc.	Low	Common	Poor	Fair			1	19
northern red oak	Quercus rubra	WDH	Medium	54.3	155.77	2.87	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	20
sweetgum	Liquidambar styraciflua	WDH	High	33.3	118.74	3.56	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	1	21
black locust	Robinia pseudoacacia	NDH	Low	27.2	104.11	3.83	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	22
shagbark hickory	Carya ovata	WSL	Medium	39.5	103.79	2.63	No change	Sm. dec.	Medium	Common	Fair	Poor			1	23
bitternut hickory	Carya cordiformis	WSL	Low	32.1	102.25	3.19	No change	No change	High	Common	Good	Good			1	24
sassafras	Sassafras albidum	WSL	Low	48.1	99.28	2.06	Sm. dec.	No change	Medium	Common	Poor	Fair			1	25
flowering dogwood	Cornus florida	WDL	Medium	71.6	91.69	1.28	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	26
chinkapin oak	Quercus muehlenbergii	NSL	Medium	21	78.32	3.73	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	27
loblolly pine	Pinus taeda	WDH	High	3.7	77.4	20.9	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			2	28
southern red oak	Quercus falcata	WDL	Medium	27.2	73.63	2.71	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	29
eastern redbud	Cercis canadensis	NSL	Low	35.8	71.49	2	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	30
green ash	Fraxinus pennsylvanica	WSH	Low	30.9	61.17	1.98	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	31
American basswood	Tilia americana	WSL	Medium	25.9	57.27	2.21	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	32
yellow buckeye	Aesculus flava	NSL	Low	27.2	55.2	2.03	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	33
black walnut	Juglans nigra	WDH	Low	23.5	51.01	2.17	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	34
sycamore	Platanus occidentalis	NSL	Low	23.5	50.75	2.16	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	35
American elm	Ulmus americana	WDH	Medium	21	45.85	2.19	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	1	36
post oak	Quercus stellata	WDH	High	24.7	44.81	1.81	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	37
sweet birch	Betula lenta	NDH	High	17.3	36.9	2.13	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	38
winged elm	Ulmus alata	WDL	Medium	28.4	34.84	1.23	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			1	39
cucumbertree	Magnolia acuminata	NSL	Low	29.6	33.98	1.15	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	40
silver maple	Acer saccharinum	NSH	Low	1.2	30.86	25	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	41
pitch pine	Pinus rigida	NSH	High	8.6	29.62	3.43	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	42
serviceberry	Amelanchier spp.	NSL	Low	30.9	28.35	0.92	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	43
American holly	Ilex opaca	NSL	Medium	18.5	27.67	1.49	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	44
shellbark hickory	Carya laciniosa	NSL	Low	11.1	22.35	2.01	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	45
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	14.8	21.52	1.45	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	46
slippery elm	Ulmus rubra	WSL	Low	23.5	18.48	0.79	No change	Lg. inc.	Medium	Rare	Poor	Good			1	47
ailanthus	Ailanthus altissima	NSL	FIA	8.6	16.51	1.91	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	48
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	17.3	14.17	0.82	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	49
yellow birch	Betula alleghaniensis	NDL	High	4.9	10.43	2.11	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	50
common persimmon	Diospyros virginiana	NSL	Low	7.4	9.58	1.29	No change	Lg. inc.	High	Rare	Fair	Good	Infill +	Infill ++	1	51
bigleaf magnolia	Magnolia macrophylla	NSL	Low	13.6	9.38	0.69	Lg. dec.	Very Lg. dec.	Medium	Rare	Very Poor	Lost			0	52
black willow	Salix nigra	NSH	Low	2.5	8.49	3.44	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	53

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sand hickory	<i>Carya pallida</i>	NSL	FIA	3.7	7.46	2.01	Unknown	Unknown	NA	Rare	FIA Only	FIA Only			0	54
red mulberry	<i>Morus rubra</i>	NSL	Low	7.4	7.38	1	Sm. dec.	No change	Medium	Rare	Very Poor	Poor		Infill +	1	55
boxelder	<i>Acer negundo</i>	WSH	Low	2.5	6.49	2.63	No change	Sm. inc.	High	Rare	Fair	Good	Infill +		2	56
Shumard oak	<i>Quercus shumardii</i>	NSL	Low	2.5	5.15	2.08	Sm. dec.	No change	High	Rare	Poor	Fair		Infill +	2	57
hackberry	<i>Celtis occidentalis</i>	WDH	Medium	4.9	5.02	1.02	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	58
Ohio buckeye	<i>Aesculus glabra</i>	NSL	Low	3.7	4.26	1.15	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	59
mountain or Fraser magnolia	<i>Magnolia fraseri</i>	NSL	Low	4.9	4.19	0.85	Sm. dec.	Sm. dec.	NA	Rare	Unknown	Unknown			0	60
river birch	<i>Betula nigra</i>	NSL	Low	2.5	3.62	1.47	Lg. dec.	No change	Medium	Rare	Very Poor	Poor		Infill +	2	61
paulownia	<i>Paulownia tomentosa</i>	NSL	FIA	2.5	2.64	1.07	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	62
pawpaw	<i>Asimina triloba</i>	NSL	Low	3.7	2.47	0.67	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	63
striped maple	<i>Acer pensylvanicum</i>	NSL	Medium	3.7	2.26	0.61	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	64
blue ash	<i>Fraxinus quadrangulata</i>	NSL	Low	1.2	2.19	1.77	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	65
blackjack oak	<i>Quercus marilandica</i>	NSL	Medium	2.5	1.91	0.78	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	66
American chestnut	<i>Castanea dentata</i>	NSLX	FIA	2.5	1.09	0.44	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	67
wild plum	<i>Prunus americana</i>	NSLX	FIA	1.2	0.86	0.7	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	68
Kentucky coffeetree	<i>Gymnocladus dioicus</i>	NSLX	FIA	1.2	0.62	0.5	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	69
ashe juniper	<i>Juniperus ashei</i>	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	70
florida maple	<i>Acer barbatum</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	71
mountain maple	<i>Acer spicatum</i>	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	72
cittamwood/gum bumelia	<i>Sideroxylon lanuginosum ssp</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	73
pecan	<i>Carya illinoensis</i>	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	74
black hickory	<i>Carya texana</i>	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	75
sugarberry	<i>Celtis laevigata</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	76
black ash	<i>Fraxinus nigra</i>	WSH	Medium	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	77
honeylocust	<i>Gleditsia triacanthos</i>	NSH	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate ++	3	78
silverbell	<i>Halesia spp.</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	79
southern magnolia	<i>Magnolia grandiflora</i>	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat		Migrate +	3	80
sweetbay	<i>Magnolia virginiana</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	81
bigtooth aspen	<i>Populus grandidentata</i>	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	82
pin cherry	<i>Prunus pensylvanica</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	83
swamp white oak	<i>Quercus bicolor</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	84
cherrybark oak; swamp red o	<i>Quercus pagoda</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	85
water oak	<i>Quercus nigra</i>	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	86
pin oak	<i>Quercus palustris</i>	NSH	Low	0	0	0	Unknown	Unknown	Low	Modeled	Unknown	Unknown			0	87
willow oak	<i>Quercus phellos</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	88
live oak	<i>Quercus virginiana</i>	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	89
bluejack oak	<i>Quercus incana</i>	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat		Migrate +	3	90
cedar elm	<i>Ulmus crassifolia</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	91