

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
loblolly pine	Pinus taeda	WDH	High	55.3	1126.25	20.37	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	1
chestnut oak	Quercus prinus	NDH	High	67.1	987.78	14.73	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	2
Virginia pine	Pinus virginiana	NDH	High	78.8	844.25	10.71	Lg. dec.	Lg. dec.	Medium	Abundant	Fair	Fair			0	3
red maple	Acer rubrum	WDH	High	80	669.8	8.37	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	4
white oak	Quercus alba	WDH	Medium	74.1	630.82	8.51	Sm. inc.	Sm. inc.	High	Abundant	Very Good	Very Good			1	5
yellow-poplar	Liriodendron tulipifera	WDH	High	70.6	575.41	8.15	Sm. dec.	Lg. dec.	High	Abundant	Good	Good			1	6
sweetgum	Liquidambar styraciflua	WDH	High	61.2	496.68	8.12	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	7
pignut hickory	Carya glabra	WDL	Medium	61.2	287.2	4.7	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	8
shortleaf pine	Pinus echinata	WDH	High	55.3	286.07	5.17	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	9
sourwood	Oxydendrum arboreum	NDL	High	62.4	274.75	4.41	Lg. dec.	Lg. dec.	High	Common	Fair	Fair			1	10
mockernut hickory	Carya alba	WDL	Medium	65.9	266.2	4.04	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	11
blackgum	Nyssa sylvatica	WDL	Medium	74.1	235.82	3.18	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	12
black oak	Quercus velutina	WDH	High	56.5	207.67	3.68	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	13
scarlet oak	Quercus coccinea	WDL	Medium	48.2	203.53	4.22	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	14
black cherry	Prunus serotina	WDL	Medium	52.9	200.26	3.78	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	15
southern red oak	Quercus falcata	WDL	Medium	38.8	186.87	4.81	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	16
eastern redcedar	Juniperus virginiana	WDH	Medium	29.4	181.41	6.17	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	17
post oak	Quercus stellata	WDH	High	41.2	160.71	3.9	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	18
red mulberry	Morus rubra	NSL	Low	5.9	121.76	20.7	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	19
northern red oak	Quercus rubra	WDH	Medium	47.1	121.56	2.58	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	20
sugarberry	Celtis laevigata	NDH	Medium	7.1	107.06	15.17	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	21
green ash	Fraxinus pennsylvanica	WSH	Low	23.5	99.98	4.25	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			1	22
winged elm	Ulmus alata	WDL	Medium	34.1	97.8	2.87	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	23
sassafras	Sassafras albidum	WSL	Low	37.6	80.94	2.15	Sm. dec.	Sm. inc.	Medium	Common	Poor	Good			1	24
flowering dogwood	Cornus florida	WDL	Medium	42.4	78.78	1.86	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	25
shagbark hickory	Carya ovata	WSL	Medium	30.6	77.6	2.54	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	26
boxelder	Acer negundo	WSH	Low	7.1	73.34	10.39	No change	No change	High	Common	Good	Good			1	27
sugar maple	Acer saccharum	WDH	High	18.8	58.22	3.09	Lg. dec.	Lg. dec.	High	Common	Fair	Fair			1	28
eastern white pine	Pinus strobus	WDH	High	5.9	55.66	9.46	No change	No change	Low	Common	Poor	Poor	Infill +	Infill +	0	29
black walnut	Juglans nigra	WDH	Low	12.9	50.15	3.88	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	30
hackberry	Celtis occidentalis	WDH	Medium	9.4	48.2	5.12	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	31
black locust	Robinia pseudoacacia	NDH	Low	12.9	42.72	3.3	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	32
common persimmon	Diospyros virginiana	NSL	Low	8.2	41.89	5.09	No change	No change	High	Rare	Fair	Fair			1	33
eastern hemlock	Tsuga canadensis	NSH	High	10.6	40.29	3.81	No change	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	34
blackjack oak	Quercus marilandica	NSL	Medium	11.8	40.06	3.4	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	35
white ash	Fraxinus americana	WDL	Medium	24.7	39.44	1.6	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair			1	36
American beech	Fagus grandifolia	WDH	High	15.3	38.33	2.51	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	37
American elm	Ulmus americana	WDH	Medium	16.5	37.92	2.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	38
eastern redbud	Cercis canadensis	NSL	Low	23.5	35.78	1.52	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	39
silver maple	Acer saccharinum	NSH	Low	1.2	34.35	29.2	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	40
slippery elm	Ulmus rubra	WSL	Low	11.8	32.69	2.78	Sm. dec.	Sm. inc.	Medium	Rare	Very Poor	Fair			1	41
American basswood	Tilia americana	WSL	Medium	4.7	32.34	6.87	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	42
water oak	Quercus nigra	WDH	High	12.9	30.15	2.33	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	43
sycamore	Platanus occidentalis	NSL	Low	7.1	28.11	3.98	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	44
chinkapin oak	Quercus muehlenbergii	NSL	Medium	5.9	24.98	4.25	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	45
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	8.2	21.87	2.65	No change	Sm. inc.	Medium	Rare	Poor	Fair			1	46
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	15.3	21.46	1.4	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	47
florida maple	Acer barbatum	NSL	Low	14.1	20.47	1.45	Sm. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	48
willow oak	Quercus phellos	NSL	Low	3.5	16.8	4.76	Sm. dec.	No change	Medium	Rare	Very Poor	Poor		Infill +	2	49
water tupelo	Nyssa aquatica	NSH	Medium	1.2	16.39	13.93	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	50
sand hickory	Carya pallida	NSL	FIA	3.5	12.24	3.47	Unknown	Unknown	NA	Rare	FIA Only	FIA Only			0	51
paulownia	Paulownia tomentosa	NSL	FIA	1.2	7.53	6.4	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	52
shellbark hickory	Carya laciniosa	NSL	Low	3.5	7.42	2.1	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	53

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bitternut hickory	<i>Carya cordiformis</i>	WSL	Low	4.7	5.76	1.22	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			0	54
sweet birch	<i>Betula lenta</i>	NDH	High	3.5	5.19	1.47	Sm. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	55
swamp chestnut oak	<i>Quercus michauxii</i>	NSL	Low	2.4	4.59	1.95	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	56
cherrybark oak; swamp red oak	<i>Quercus pagoda</i>	NSL	Medium	3.5	3.67	1.04	No change	Lg. inc.	Medium	Rare	Poor	Good	Infill +		2	57
American holly	<i>Ilex opaca</i>	NSL	Medium	2.4	3.65	1.55	No change	No change	Medium	Rare	Poor	Poor		Infill +	1	58
river birch	<i>Betula nigra</i>	NSL	Low	1.2	3.12	2.65	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	2	59
black willow	<i>Salix nigra</i>	NSH	Low	2.4	3.09	1.32	No change	Lg. inc.	Low	Rare	Very Poor	Fair		Infill +	2	60
ailanthus	<i>Ailanthus altissima</i>	NSL	FIA	3.5	3.01	0.85	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	61
serviceberry	<i>Amelanchier</i> spp.	NSL	Low	3.5	2.72	0.77	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	62
yellow buckeye	<i>Aesculus flava</i>	NSL	Low	2.4	2.53	1.07	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	63
honeylocust	<i>Gleditsia triacanthos</i>	NSH	Low	3.5	1.75	0.5	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	64
pin cherry	<i>Prunus pensylvanica</i>	NSL	Low	1.2	1.41	1.2	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	65
longleaf pine	<i>Pinus palustris</i>	NSH	Medium	1.2	0.85	0.72	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	66
rock elm	<i>Ulmus thomasii</i>	NSLX	FIA	1.2	0.8	0.68	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	67
yellow birch	<i>Betula alleghaniensis</i>	NDL	High	1.2	0.74	0.63	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	68
mountain or Fraser magnolia	<i>Magnolia fraseri</i>	NSL	Low	1.2	0.35	0.3	Lg. dec.	Lg. dec.	NA	Rare	Unknown	Unknown			0	69
bigleaf magnolia	<i>Magnolia macrophylla</i>	NSL	Low	1.2	0.28	0.24	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	70
laurel oak	<i>Quercus laurifolia</i>	NDH	Medium	1.2	0.19	0.16	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	71
ashe juniper	<i>Juniperus ashei</i>	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	72
slash pine	<i>Pinus elliottii</i>	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate ++	3	73
northern white-cedar	<i>Thuja occidentalis</i>	WSH	High	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	74
striped maple	<i>Acer pensylvanicum</i>	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	75
mountain maple	<i>Acer spicatum</i>	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	76
Ohio buckeye	<i>Aesculus glabra</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	77
pawpaw	<i>Asimina triloba</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	78
cittamwood/gum bumelia	<i>Sideroxylon lanuginosum</i> ssp.	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate ++	3	79
pecan	<i>Carya illinoensis</i>	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	80
black hickory	<i>Carya texana</i>	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	81
black ash	<i>Fraxinus nigra</i>	WSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	82
blue ash	<i>Fraxinus quadrangulata</i>	NSL	Low	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	83
silverbell	<i>Halesia</i> spp.	NSL	Low	0	0	0	New Habitat	Unknown	Medium	Absent	New Habitat	Unknown			3	84
Osage-orange	<i>Maclura pomifera</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	85
cucumbertree	<i>Magnolia acuminata</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	86
southern magnolia	<i>Magnolia grandiflora</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	87
sweetbay	<i>Magnolia virginiana</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	88
swamp tupelo	<i>Nyssa biflora</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	89
bigtooth aspen	<i>Populus grandidentata</i>	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	90
pin oak	<i>Quercus palustris</i>	NSH	Low	0	0	0	Unknown	Unknown	Low	Modeled	Unknown	Unknown			0	91
Shumard oak	<i>Quercus shumardii</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	92
live oak	<i>Quercus virginiana</i>	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate ++	3	93
bluejack oak	<i>Quercus incana</i>	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat		Migrate +	3	94
cedar elm	<i>Ulmus crassifolia</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	95