

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
chestnut oak	Quercus prinus	NDH	High	69	654.15	13.38	Sm. dec.	Sm. dec.	High	Abundant	Good	Good	Infill ++	Infill ++	1	1
white oak	Quercus alba	WDH	Medium	57.8	611.04	13.04	No change	No change	High	Abundant	Very Good	Very Good	Infill ++	Infill ++	1	2
red maple	Acer rubrum	WDH	High	66.3	489.58	9.81	No change	Sm. dec.	High	Common	Good	Fair	Infill ++	Infill +	1	3
yellow-poplar	Liriodendron tulipifera	WDH	High	58.1	465.7	11.99	Sm. dec.	Lg. dec.	High	Common	Fair	Fair	Infill +	Infill +	1	4
Virginia pine	Pinus virginiana	NDH	High	44.6	340.19	9.86	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	5
black locust	Robinia pseudoacacia	NDH	Low	51.6	284.9	8.28	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	6
black cherry	Prunus serotina	WDL	Medium	57.8	260.34	6.4	No change	No change	Low	Common	Poor	Poor	Infill +	Infill +	0	7
northern red oak	Quercus rubra	WDH	Medium	64.7	257.88	5.48	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	8
pignut hickory	Carya glabra	WDL	Medium	54.7	220.46	5.19	No change	Sm. dec.	Medium	Common	Fair	Poor	Infill +	Infill +	1	9
sugar maple	Acer saccharum	WDH	High	19.8	209.2	10.57	Sm. inc.	No change	High	Common	Very Good	Good	Infill ++	Infill ++	1	10
black oak	Quercus velutina	WDH	High	45.4	193.17	5.84	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	1	11
white ash	Fraxinus americana	WDL	Medium	46.2	178.91	6.25	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair	Infill +	Infill +	1	12
blackgum	Nyssa sylvatica	WDL	Medium	55.8	174.24	4.11	No change	Sm. inc.	High	Common	Good	Very Good	Infill ++	Infill ++	1	13
black walnut	Juglans nigra	WDH	Low	40.8	168.86	5.9	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	14
scarlet oak	Quercus coccinea	WDL	Medium	39.2	167.21	5.64	No change	Sm. dec.	Medium	Common	Fair	Poor	Infill +	Infill +	1	15
boxelder	Acer negundo	WSH	Low	19.4	160.7	9.91	Sm. dec.	Sm. dec.	High	Common	Fair	Fair		Infill +	1	16
American beech	Fagus grandifolia	WDH	High	25.5	153.31	8.61	No change	Sm. dec.	Medium	Common	Fair	Poor	Infill +	Infill +	2	17
eastern redcedar	Juniperus virginiana	WDH	Medium	25.6	153.27	8.56	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	2	18
mockernut hickory	Carya alba	WDL	Medium	36.8	123.22	4.21	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	19
sycamore	Platanus occidentalis	NSL	Low	28.7	110.35	9.27	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	2	20
hackberry	Celtis occidentalis	WDH	Medium	25.2	77.25	4.23	Sm. dec.	No change	High	Common	Fair	Good		Infill ++	2	21
eastern white pine	Pinus strobus	WDH	High	14	76.81	5.5	Sm. dec.	Lg. dec.	Low	Common	Poor	Very Poor	Infill +		0	22
loblolly pine	Pinus taeda	WDH	High	5.8	75.97	13.05	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	2	23
sweet birch	Betula lenta	NDH	High	16.3	68.36	4.19	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor	Infill +	Infill +	0	24
silver maple	Acer saccharinum	NSH	Low	5.8	66.46	11.42	Sm. dec.	No change	High	Common	Fair	Good			2	25
sassafras	Sassafras albidum	WSL	Low	29.4	66.21	2.91	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	1	26
eastern cottonwood	Populus deltoides	NSH	Low	1.2	64.85	55.7	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	27
ailanthus	Ailanthus altissima	NSL	FIA	32.2	52.01	3.13	Unknown	Unknown	NA	Common	NNIS	NNIS			0	28
American elm	Ulmus americana	WDH	Medium	34.5	44.59	2.5	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	29
serviceberry	Amelanchier spp.	NSL	Low	19.8	41.02	2.07	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	30
shagbark hickory	Carya ovata	WSL	Medium	21	40.26	2.53	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	1	31
eastern redbud	Cercis canadensis	NSL	Low	18.6	33.79	2.32	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	1	32
Osage-orange	Maclura pomifera	NDH	Medium	2.3	32.97	14.16	Sm. dec.	No change	High	Rare	Poor	Fair		Infill +	2	33
eastern hemlock	Tsuga canadensis	NSH	High	5.8	30.97	5.32	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	34
American basswood	Tilia americana	WSL	Medium	5.8	29.41	5.05	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	35
pin oak	Quercus palustris	NSH	Low	10.5	26.3	12.97	No change	No change	Low	Rare	Very Poor	Very Poor			2	36
green ash	Fraxinus pennsylvanica	WSH	Low	14.8	25.59	3.79	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	37
bitternut hickory	Carya cordiformis	WSL	Low	21	24.92	3.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	38
bigtooth aspen	Populus grandidentata	NSL	Medium	4.7	21.76	4.67	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	39
red mulberry	Morus rubra	NSL	Low	7	21.21	11.07	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	40
slippery elm	Ulmus rubra	WSL	Low	11.6	20.82	2.75	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	41
southern red oak	Quercus falcata	WDL	Medium	10	19.14	2.88	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	42
pawpaw	Asimina triloba	NSL	Low	10.5	18.89	2.89	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			2	43
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	16.3	15.99	1.4	Lg. inc.	Lg. inc.	High	Rare	Good	Good		Infill ++	1	44
American holly	Ilex opaca	NSL	Medium	9.6	15.81	2.31	No change	No change	Medium	Rare	Poor	Poor			0	45
pitch pine	Pinus rigida	NSH	High	11.6	14.23	1.85	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	46
sweetgum	Liquidambar styraciflua	WDH	High	6.2	13.2	4.37	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	47
flowering dogwood	Cornus florida	WDL	Medium	24.5	12.74	0.77	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	48
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	10.1	10.04	1.52	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	49
cucumbertree	Magnolia acuminata	NSL	Low	4.7	8.7	1.87	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			2	50
white mulberry	Morus alba	NSL	FIA	2.3	8.38	3.6	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	51
honeylocust	Gleditsia triacanthos	NSH	Low	2.3	7.86	3.38	No change	No change	High	Rare	Fair	Fair			2	52
Table Mountain pine	Pinus pungens	NSL	Low	4.7	7.06	1.51	No change	No change	High	Rare	Fair	Fair		Infill +	2	53

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
striped maple	Acer pensylvanicum	NSL	Medium	2.3	6.02	2.59	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	54
Norway maple	Acer platanoides	NSL	FIA	5.8	4.72	3.97	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	55
common persimmon	Diospyros virginiana	NSL	Low	6.6	4.23	1.65	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	56
swamp chestnut oak	Quercus michauxii	NSL	Low	1.2	3.67	3.15	No change	No change	Medium	Rare	Poor	Poor			0	57
black willow	Salix nigra	NSH	Low	1.2	3.49	3	No change	Lg. inc.	Low	Rare	Very Poor	Fair			2	58
bear oak; scrub oak	Quercus ilicifolia	NSLX	FIA	5.8	3.11	1.6	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	59
chinkapin oak	Quercus muehlenbergii	NSL	Medium	1.2	2.88	2.47	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	60
shortleaf pine	Pinus echinata	WDH	High	2.3	2.54	1.09	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	61
paulownia	Paulownia tomentosa	NSL	FIA	1.2	2.36	2.03	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	62
Scotch pine	Pinus sylvestris	NSH	FIA	2.3	1.92	0.82	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	63
river birch	Betula nigra	NSL	Low	1.2	1.71	1.47	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			2	64
American chestnut	Castanea dentata	NSLX	FIA	1.2	1.34	1.15	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	65
post oak	Quercus stellata	WDH	High	1.2	1.05	0.9	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	66
yellow birch	Betula alleghaniensis	NDL	High	1.2	1.01	0.87	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	67
butternut	Juglans cinerea	NSLX	FIA	1.2	0.82	0.7	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	68
shingle oak	Quercus imbricaria	NDH	Medium	1.2	0.82	0.7	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	69
chokecherry	Prunus virginiana	NSLX	FIA	1.2	0.41	0.35	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	70
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	71
bald cypress	Taxodium distichum	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	72
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	73
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	74
water hickory	Carya aquatica	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	75
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	76
shellbark hickory	Carya laciniosa	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	77
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	78
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	79
black ash	Fraxinus nigra	WSH	Medium	0	0	0	Unknown	Unknown	Low	Modeled	Unknown	Unknown			0	80
sweetbay	Magnolia virginiana	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	81
bigleaf magnolia	Magnolia macrophylla	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	82
water tupelo	Nyssa aquatica	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	83
swamp tupelo	Nyssa biflora	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	84
sourwood	Oxydendrum arboreum	NDL	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	85
redbay	Persea borbonia	NSL	Low	0	0	0	Unknown	New Habitat	High	Absent	Unknown	New Habitat			3	86
quaking aspen	Populus tremuloides	WDH	High	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	87
pin cherry	Prunus pensylvanica	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	88
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	89
laurel oak	Quercus laurifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	90
overcup oak	Quercus lyrata	NSL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	91
bur oak	Quercus macrocarpa	NDH	Medium	0	0	0	Unknown	Unknown	High	Modeled	Unknown	Unknown			0	92
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	93
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	94
willow oak	Quercus phellos	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	95
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	96
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	97
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	98