

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	74.2	2361.51	34.2	Sm. inc.	No change	Medium	Abundant	Very Good	Good			1	1
sweetgum	Liquidambar styraciflua	WDH	High	78.4	928.72	12.34	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	2
white oak	Quercus alba	WDH	Medium	61.9	624.51	10.1	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	3
water oak	Quercus nigra	WDH	High	57.7	469.34	8.61	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	4
yellow-poplar	Liriodendron tulipifera	WDH	High	48.5	331.37	6.84	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	5
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	42.3	330.3	8.46	No change	No change	Medium	Common	Fair	Fair			1	6
shortleaf pine	Pinus echinata	WDH	High	37.1	224.77	6.06	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	7
post oak	Quercus stellata	WDH	High	45.4	217.48	4.79	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	8
black cherry	Prunus serotina	WDL	Medium	63.9	212.68	3.5	No change	No change	Low	Common	Poor	Poor			0	9
winged elm	Ulmus alata	WDL	Medium	66	205.37	3.11	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	10
pignut hickory	Carya glabra	WDL	Medium	51.5	201.38	3.91	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	11
southern red oak	Quercus falcata	WDL	Medium	51.5	190.68	3.7	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	12
red maple	Acer rubrum	WDH	High	53.6	175.3	3.27	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	13
eastern redcedar	Juniperus virginiana	WDH	Medium	39.2	165.37	4.59	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	14
chestnut oak	Quercus prinus	NDH	High	15.5	157.47	10.18	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	1	15
mockernut hickory	Carya alba	WDL	Medium	50.5	156.33	3.31	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	16
blackgum	Nyssa sylvatica	WDL	Medium	57.7	146.6	2.54	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	17
sugarberry	Celtis laevigata	NDH	Medium	25.8	134.87	5.23	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	18
sycamore	Platanus occidentalis	NSL	Low	21.6	126.57	5.85	Sm. dec.	No change	Medium	Common	Poor	Fair			1	19
green ash	Fraxinus pennsylvanica	WSH	Low	42.3	112.93	2.89	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	20
sugar maple	Acer saccharum	WDH	High	13.4	108.16	8.07	Lg. dec.	Lg. dec.	High	Common	Fair	Fair			0	21
black oak	Quercus velutina	WDH	High	38.1	103.37	2.71	No change	No change	Medium	Common	Fair	Fair			1	22
American elm	Ulmus americana	WDH	Medium	38.1	96.15	2.79	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	23
boxelder	Acer negundo	WSH	Low	18.6	93.39	5.03	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	24
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	28.9	87.41	3.03	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	25
scarlet oak	Quercus coccinea	WDL	Medium	18.6	86.85	4.68	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	26
flowering dogwood	Cornus florida	WDL	Medium	44.3	84.59	1.91	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	27
sourwood	Oxydendrum arboreum	NDL	High	21.6	84.47	3.9	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	28
eastern cottonwood	Populus deltoides	NSH	Low	7.2	80.63	11.17	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	29
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	32	64.3	2.01	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	30
slippery elm	Ulmus rubra	WSL	Low	17.5	62.48	3.56	No change	Sm. inc.	Medium	Common	Fair	Good			1	31
American beech	Fagus grandifolia	WDH	High	21.6	62.23	2.87	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	1	32
sassafras	Sassafras albidum	WSL	Low	20.6	47.73	2.31	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	33
shagbark hickory	Carya ovata	WSL	Medium	19.6	46.95	2.4	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	34
black walnut	Juglans nigra	WDH	Low	10.3	46.44	4.5	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	35
honeylocust	Gleditsia triacanthos	NSH	Low	11.3	44.87	3.96	Sm. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	36
black locust	Robinia pseudoacacia	NDH	Low	12.4	39.79	3.22	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	37
northern red oak	Quercus rubra	WDH	Medium	16.5	38.8	2.35	Sm. inc.	Sm. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	38
common persimmon	Diospyros virginiana	NSL	Low	30.9	34.66	1.25	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	39
hackberry	Celtis occidentalis	WDH	Medium	5.2	32.97	6.4	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	40
chinkapin oak	Quercus muehlenbergii	NSL	Medium	11.3	32.77	2.89	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	41
blackjack oak	Quercus marilandica	NSL	Medium	6.2	31.26	5.05	Sm. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	42
river birch	Betula nigra	NSL	Low	4.1	29.39	7.13	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	43
overcup oak	Quercus lyrata	NSL	Medium	6.2	26.84	4.34	No change	No change	Low	Rare	Very Poor	Very Poor			0	44
bitternut hickory	Carya cordiformis	WSL	Low	11.3	25.23	2.23	No change	Sm. inc.	High	Rare	Fair	Good	Infill +	Infill ++	1	45
black willow	Salix nigra	NSH	Low	9.3	23.16	2.5	Sm. inc.	Lg. inc.	Low	Rare	Poor	Fair			1	46
swamp chestnut oak	Quercus michauxii	NSL	Low	9.3	21.82	2.35	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	47
white ash	Fraxinus americana	WDL	Medium	16.5	20.33	1.23	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair			1	48
Shumard oak	Quercus shumardii	NSL	Low	10.3	18.57	1.8	Sm. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	49
eastern redbud	Cercis canadensis	NSL	Low	15.5	17.87	1.16	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	50
willow oak	Quercus phellos	NSL	Low	9.3	17.48	1.88	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			1	51
pecan	Carya illinoensis	NSH	Low	10.3	14.97	1.45	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	1	52
florida maple	Acer barbatum	NSL	Low	5.2	14.02	2.72	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	53

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sweetbay	Magnolia virginiana	NSL	Medium	3.1	13.68	4.42	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	54
Osage-orange	Maclura pomifera	NDH	Medium	4.1	13.47	3.27	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	55
Nuttall oak	Quercus texana	NSH	Medium	4.1	13.24	3.21	No change	No change	High	Rare	Fair	Fair			0	56
laurel oak	Quercus laurifolia	NDH	Medium	3.1	13.14	4.25	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	57
yellow buckeye	Aesculus flava	NSL	Low	2.1	12.78	6.2	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	58
red mulberry	Morus rubra	NSL	Low	12.4	9.94	0.8	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	59
water tupelo	Nyssa aquatica	NSH	Medium	1	9.45	9.17	No change	No change	Low	Rare	Very Poor	Very Poor			2	60
Virginia pine	Pinus virginiana	NDH	High	3.1	9.24	2.99	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	2	61
shellbark hickory	Carya laciniosa	NSL	Low	6.2	8.96	1.45	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	62
water hickory	Carya aquatica	NSL	Medium	3.1	8.21	2.65	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	63
pawpaw	Asimina triloba	NSL	Low	3.1	6.84	2.21	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	64
bald cypress	Taxodium distichum	NSH	Medium	1	5.53	5.36	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	2	65
southern magnolia	Magnolia grandiflora	NSL	Low	6.2	5.23	0.84	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	66
ailanthus	Ailanthus altissima	NSL	FIA	2.1	3.72	1.8	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	67
American holly	Ilex opaca	NSL	Medium	6.2	3.08	0.5	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	68
serviceberry	Amelanchier spp.	NSL	Low	3.1	2.87	0.93	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	69
black hickory	Carya texana	NDL	High	3.1	2.66	0.86	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	70
blue ash	Fraxinus quadrangulata	NSL	Low	1	2.04	1.98	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	71
cedar elm	Ulmus crassifolia	NDH	Medium	1	1.26	1.22	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	2	72
cucumbertree	Magnolia acuminata	NSL	Low	2.1	0.96	0.46	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	73
swamp tupelo	Nyssa biflora	NDH	Medium	1	0.81	0.79	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	2	74
American basswood	Tilia americana	WSL	Medium	1	0.48	0.47	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	75
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	76
slash pine	Pinus elliottii	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	77
spruce pine	Pinus glabra	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	78
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	79
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	80
silver maple	Acer saccharinum	NSH	Low	0	0	0	Unknown	Unknown	High	Modeled	Unknown	Unknown			0	81
Ohio buckeye	Aesculus glabra	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	82
sweet birch	Betula lenta	NDH	High	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	83
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	84
black ash	Fraxinus nigra	WSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	85
silverbell	Halesia spp.	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	86
redbay	Persea borbonia	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	87
water elm	Planera aquatica	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	88
pin cherry	Prunus pensylvanica	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	89
swamp white oak	Quercus bicolor	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	90
turkey oak	Quercus laevis	NSH	Medium	0	0	0	Unknown	Unknown	High	Modeled	Unknown	Unknown			0	91
bur oak	Quercus macrocarpa	NDH	Medium	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	92
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	93
bluejack oak	Quercus incana	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	94