

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	75.3	1920.61	26.73	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	1
chestnut oak	Quercus prinus	NDH	High	59.6	879.12	14.76	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	2
Virginia pine	Pinus virginiana	NDH	High	62.9	620.8	10.45	Lg. dec.	Lg. dec.	Medium	Abundant	Fair	Fair			0	3
sweetgum	Liquidambar styraciflua	WDH	High	67.4	569.82	9.28	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	4
white oak	Quercus alba	WDH	Medium	70.8	479.74	7.24	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	5
yellow-poplar	Liriodendron tulipifera	WDH	High	50.6	401.94	7.95	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	6
pignut hickory	Carya glabra	WDL	Medium	71.9	357.11	5.28	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	7
shortleaf pine	Pinus echinata	WDH	High	65.2	335.92	5.48	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	8
red maple	Acer rubrum	WDH	High	70.8	327.01	5.04	No change	Sm. inc.	High	Common	Good	Very Good			1	9
southern red oak	Quercus falcata	WDL	Medium	52.8	302.36	6.19	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	10
mockernut hickory	Carya alba	WDL	Medium	56.2	253.7	4.52	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	11
scarlet oak	Quercus coccinea	WDL	Medium	46.1	211.02	5.2	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	12
post oak	Quercus stellata	WDH	High	55.1	208.76	4.06	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	13
black cherry	Prunus serotina	WDL	Medium	62.9	206.04	3.5	No change	Sm. inc.	Low	Common	Poor	Fair			1	14
blackgum	Nyssa sylvatica	WDL	Medium	67.4	185.04	2.75	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	15
black oak	Quercus velutina	WDH	High	50.6	178.78	3.54	Sm. inc.	No change	Medium	Common	Good	Fair			1	16
sourwood	Oxydendrum arboreum	NDL	High	51.7	145.45	3.02	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	17
northern red oak	Quercus rubra	WDH	Medium	46.1	131.46	3.22	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	18
water oak	Quercus nigra	WDH	High	29.2	126.64	4.33	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	19
eastern redcedar	Juniperus virginiana	WDH	Medium	20.2	119.39	5.9	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	20
red mulberry	Morus rubra	NSL	Low	3.4	117.3	34.8	Lg. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	21
winged elm	Ulmus alata	WDL	Medium	39.3	103.26	2.94	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	22
flowering dogwood	Cornus florida	WDL	Medium	50.6	100.4	2.14	No change	Sm. inc.	Medium	Common	Fair	Good			1	23
sassafras	Sassafras albidum	WSL	Low	27	83.83	3.59	Sm. dec.	Sm. inc.	Medium	Common	Poor	Good			1	24
green ash	Fraxinus pennsylvanica	WSH	Low	28.1	83.49	2.97	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	25
willow oak	Quercus phellos	NSL	Low	9	51.09	5.68	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	26
white ash	Fraxinus americana	WDL	Medium	15.7	48.43	3.08	No change	Sm. inc.	Low	Rare	Very Poor	Poor			1	27
blackjack oak	Quercus marilandica	NSL	Medium	15.7	45.89	2.92	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	28
shagbark hickory	Carya ovata	WSL	Medium	16.9	43.71	2.59	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	29
common persimmon	Diospyros virginiana	NSL	Low	29.2	41.38	1.42	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	30
sycamore	Platanus occidentalis	NSL	Low	7.9	40.36	5.13	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	31
longleaf pine	Pinus palustris	NSH	Medium	5.6	38.79	6.9	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	1	32
florida maple	Acer barbatum	NSL	Low	19.1	36.93	1.93	Sm. dec.	Sm. inc.	High	Rare	Poor	Good			1	33
chinkapin oak	Quercus muehlenbergii	NSL	Medium	7.9	31.42	3.99	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	34
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	7.9	30.85	3.92	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	35
sugarberry	Celtis laevigata	NDH	Medium	7.9	28.02	3.56	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	1	36
black walnut	Juglans nigra	WDH	Low	6.7	20.96	3.11	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	37
eastern redbud	Cercis canadensis	NSL	Low	13.5	20.85	1.55	Lg. dec.	No change	Medium	Rare	Very Poor	Poor			1	38
river birch	Betula nigra	NSL	Low	1.1	19.89	17.7	No change	Sm. inc.	Medium	Rare	Poor	Fair		Infill +	2	39
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	6.7	16.37	2.43	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair			1	40
American beech	Fagus grandifolia	WDH	High	10.1	16.26	1.61	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	41
swamp tupelo	Nyssa biflora	NDH	Medium	1.1	15.11	13.45	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			0	42
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	7.9	12.51	1.59	Sm. inc.	Lg. inc.	High	Rare	Good	Good			1	43
hackberry	Celtis occidentalis	WDH	Medium	2.2	9.92	4.42	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	44
honeylucust	Gleditsia triacanthos	NSH	Low	2.2	9.78	4.35	No change	Sm. inc.	High	Rare	Fair	Good	Infill +	Infill ++	2	45
ailanthus	Ailanthus altissima	NSL	FIA	1.1	6.82	6.07	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	46
American basswood	Tilia americana	WSL	Medium	2.2	6.71	2.99	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	47
American elm	Ulmus americana	WDH	Medium	7.9	6.35	0.81	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	48
swamp chestnut oak	Quercus michauxii	NSL	Low	3.4	6.22	1.85	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	49
sugar maple	Acer saccharum	WDH	High	2.2	6.18	2.75	Very Lg. dec.	Very Lg. dec.	High	Rare	Lost	Lost			0	50
slippery elm	Ulmus rubra	WSL	Low	3.4	5.98	1.77	No change	No change	Medium	Rare	Poor	Poor		Infill +	1	51
sweet birch	Betula lenta	NDH	High	2.2	4.64	2.06	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	52
boxelder	Acer negundo	WSH	Low	5.6	3.94	0.7	No change	Sm. inc.	High	Rare	Fair	Good		Infill ++	1	53

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white mulberry	Morus alba	NSL	FIA	2.2	3.76	1.68	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	54
bitternut hickory	Carya cordiformis	WSL	Low	2.2	3.46	1.54	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	55
laurel oak	Quercus laurifolia	NDH	Medium	1.1	3.26	2.9	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	56
pin cherry	Prunus pensylvanica	NSL	Low	2.2	3.22	1.43	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	57
black willow	Salix nigra	NSH	Low	3.4	3.06	0.91	No change	Lg. inc.	Low	Rare	Very Poor	Fair		Infill +	2	58
serviceberry	Amelanchier spp.	NSL	Low	3.4	3.03	0.9	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	59
black locust	Robinia pseudoacacia	NDH	Low	4.5	2.79	0.62	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	60
shellbark hickory	Carya laciniosa	NSL	Low	1.1	2.08	1.85	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	61
sweetbay	Magnolia virginiana	NSL	Medium	1.1	1.91	1.7	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	62
sand hickory	Carya pallida	NSL	FIA	2.2	1.8	0.8	Unknown	Unknown	NA	Rare	FIA Only	FIA Only			0	63
Shumard oak	Quercus shumardii	NSL	Low	1.1	1.76	1.57	No change	Sm. inc.	High	Rare	Fair	Good	Infill +		2	64
paulownia	Paulownia tomentosa	NSL	FIA	1.1	1.69	1.5	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	65
silver maple	Acer saccharinum	NSH	Low	1.1	1.42	1.26	Very Lg. dec.	Very Lg. dec.	High	Rare	Lost	Lost			0	66
butternut	Juglans cinerea	NSLX	FIA	3.4	1.37	0.41	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	67
wild plum	Prunus americana	NSLX	FIA	1.1	1.35	1.2	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	68
yellow buckeye	Aesculus flava	NSL	Low	1.1	0.67	0.6	Very Lg. dec.	Very Lg. dec.	Low	Rare	Lost	Lost			0	69
water hickory	Carya aquatica	NSL	Medium	1.1	0.51	0.45	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	70
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	71
slash pine	Pinus elliottii	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	72
eastern white pine	Pinus strobus	WDH	High	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Migrate ++		3	73
northern white-cedar	Thuja occidentalis	WSH	High	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	74
eastern hemlock	Tsuga canadensis	NSH	High	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Migrate +		3	75
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	76
mountain maple	Acer spicatum	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	77
Ohio buckeye	Aesculus glabra	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	78
pawpaw	Asimina triloba	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	79
yellow birch	Betula alleghaniensis	NDL	High	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	80
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate ++	3	81
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	82
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	83
black ash	Fraxinus nigra	WSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	84
American holly	Ilex opaca	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	85
Osage-orange	Maclura pomifera	NDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	86
southern magnolia	Magnolia grandiflora	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	87
bigleaf magnolia	Magnolia macrophylla	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	88
mountain or Fraser magnolia	Magnolia fraseri	NSL	Low	0	0	0	Unknown	Unknown	NA	Absent	Unknown	Unknown			0	89
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate ++	Migrate ++	3	90
bluejack oak	Quercus incana	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	91
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	92