

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
yellow-poplar	Liriodendron tulipifera	WDH	High	74.1	872.33	15.32	Lg. dec.	Lg. dec.	High	Abundant	Good	Good	Infill ++	Infill ++	2	1
white oak	Quercus alba	WDH	Medium	59.7	747.79	13.76	Sm. dec.	Sm. dec.	High	Abundant	Good	Good	Infill ++	Infill ++	2	2
red maple	Acer rubrum	WDH	High	69.5	601.78	10.28	Sm. dec.	Sm. dec.	High	Abundant	Good	Good	Infill ++	Infill ++	2	3
Virginia pine	Pinus virginiana	NDH	High	44.4	414.85	10.74	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	4
eastern redcedar	Juniperus virginiana	WDH	Medium	41	381.58	11.37	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	2	5
chestnut oak	Quercus prinus	NDH	High	42.2	378.2	13.53	Lg. dec.	Lg. dec.	High	Common	Fair	Fair	Infill +	Infill +	2	6
black oak	Quercus velutina	WDH	High	46.1	275.84	7	Sm. inc.	No change	Medium	Common	Good	Fair	Infill ++	Infill +	2	7
pignut hickory	Carya glabra	WDL	Medium	54.6	268.67	5.65	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	8
mockernut hickory	Carya alba	WDL	Medium	44.1	250.74	6.12	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	2	9
black locust	Robinia pseudoacacia	NDH	Low	35.6	241.99	10.61	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	10
American beech	Fagus grandifolia	WDH	High	36.6	224.22	7.35	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	11
northern red oak	Quercus rubra	WDH	Medium	49.5	218.47	5.74	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	2	12
blackgum	Nyssa sylvatica	WDL	Medium	63.6	212.84	4.06	No change	Sm. inc.	High	Common	Good	Very Good	Infill ++	Infill ++	2	13
white ash	Fraxinus americana	WDL	Medium	45.1	196.89	6.23	No change	No change	Low	Common	Poor	Poor	Infill +	Infill +	2	14
black cherry	Prunus serotina	WDL	Medium	53.3	190.81	4.88	No change	No change	Low	Common	Poor	Poor	Infill +	Infill +	2	15
southern red oak	Quercus falcata	WDL	Medium	26.1	143.26	5.75	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			2	16
black walnut	Juglans nigra	WDH	Low	31.7	130.4	5.61	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	17
sweetgum	Liquidambar styraciflua	WDH	High	15.9	125.47	7.95	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			2	18
pin oak	Quercus palustris	NSH	Low	16.5	118.66	9.3	Lg. dec.	Sm. dec.	Low	Common	Very Poor	Poor		Infill +	2	19
American elm	Ulmus americana	WDH	Medium	40.6	113.65	4.49	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good	Infill ++	Infill ++	2	20
boxelder	Acer negundo	WSH	Low	14.8	100	8.57	Sm. dec.	No change	High	Common	Fair	Good	Infill +	Infill ++	2	21
green ash	Fraxinus pennsylvanica	WSH	Low	17.2	91.22	6.73	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			2	22
American holly	Ilex opaca	NSL	Medium	21.7	86.54	3.87	Sm. dec.	No change	Medium	Common	Poor	Fair		Infill +	2	23
flowering dogwood	Cornus florida	WDL	Medium	31.3	81.04	2.87	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	24
sassafras	Sassafras albidum	WSL	Low	24.8	76.83	3.48	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	25
bitternut hickory	Carya cordiformis	WSL	Low	18.8	74.92	7.43	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	2	26
sycamore	Platanus occidentalis	NSL	Low	30	70.19	6.09	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	2	27
hackberry	Celtis occidentalis	WDH	Medium	25.4	69.15	3.75	Sm. dec.	No change	High	Common	Fair	Good		Infill ++	2	28
scarlet oak	Quercus coccinea	WDL	Medium	30.1	68.33	3.62	No change	Sm. dec.	Medium	Common	Fair	Poor	Infill +	Infill +	2	29
eastern cottonwood	Populus deltoides	NSH	Low	1.2	65.47	55.7	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	30
Norway spruce	Picea abies	NSH	FIA	1.2	58.77	50	Unknown	Unknown	NA	Common	NNIS	NNIS			0	31
ailanthus	Ailanthus altissima	NSL	FIA	25.5	58.47	4.08	Unknown	Unknown	NA	Common	NNIS	NNIS			0	32
loblolly pine	Pinus taeda	WDH	High	2.4	55.48	23.6	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			2	33
eastern redbud	Cercis canadensis	NSL	Low	14.1	51.97	5.03	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	34
willow oak	Quercus phellos	NSL	Low	11.3	38.36	3.13	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	35
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	18.2	38.06	2.51	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	36
slippery elm	Ulmus rubra	WSL	Low	11.8	37.91	3.23	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	2	37
post oak	Quercus stellata	WDH	High	8.2	36.83	4.47	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	38
bigtooth aspen	Populus grandidentata	NSL	Medium	7.1	35.59	5.05	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	39
common persimmon	Diospyros virginiana	NSL	Low	13.6	31.02	3.06	Sm. inc.	Lg. inc.	High	Rare	Good	Good			2	40
eastern white pine	Pinus strobus	WDH	High	2.4	27.51	11.7	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	41
silver maple	Acer saccharinum	NSH	Low	2.4	21.45	9.13	No change	No change	High	Rare	Fair	Fair		Infill +	2	42
shortleaf pine	Pinus echinata	WDH	High	5.9	21.23	3.61	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	43
pawpaw	Asimina triloba	NSL	Low	11.2	21.11	2.56	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	44
sweet birch	Betula lenta	NDH	High	5.9	17.67	3.01	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			2	45
river birch	Betula nigra	NSL	Low	5.9	14.43	2.46	No change	Sm. inc.	Medium	Rare	Poor	Fair		Infill +	2	46
swamp chestnut oak	Quercus michauxii	NSL	Low	1.2	11.99	10.2	No change	No change	Medium	Rare	Poor	Poor			0	47
sugar maple	Acer saccharum	WDH	High	4.7	10.72	2.28	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	48
red mulberry	Morus rubra	NSL	Low	5.9	8.66	11.18	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			2	49
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	1.2	6.7	5.7	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	50
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	1.2	5.52	4.7	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	51
white mulberry	Morus alba	NSL	FIA	1.2	3.88	3.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	52
black willow	Salix nigra	NSH	Low	1.2	3.53	3	Sm. inc.	Lg. inc.	Low	Rare	Poor	Fair			2	53

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shagbark hickory	<i>Carya ovata</i>	WSL	Medium	2.4	3.4	1.45	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	54
paulownia	<i>Paulownia tomentosa</i>	NSL	FIA	2.4	2.86	1.22	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	55
blackjack oak	<i>Quercus marilandica</i>	NSL	Medium	2.4	2.61	1.11	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	56
serviceberry	<i>Amelanchier</i> spp.	NSL	Low	1.2	2.03	1.73	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	57
eastern hemlock	<i>Tsuga canadensis</i>	NSH	High	1.2	1.65	1.4	Very Lg. dec.	Very Lg. dec.	Low	Rare	Lost	Lost			0	58
pin cherry	<i>Prunus pensylvanica</i>	NSL	Low	1.2	1.65	1.4	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	59
Norway maple	<i>Acer platanoides</i>	NSL	FIA	4.7	1.53	5.19	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	60
honeylocust	<i>Gleditsia triacanthos</i>	NSH	Low	1.2	1.25	1.06	Sm. dec.	Lg. inc.	High	Rare	Poor	Good			2	61
quaking aspen	<i>Populus tremuloides</i>	WDH	High	1.1	1.12	0.93	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	62
yellow birch	<i>Betula alleghaniensis</i>	NDL	High	1.2	1.02	0.87	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	63
shingle oak	<i>Quercus imbricaria</i>	NDH	Medium	1.2	0.82	0.7	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	64
laurel oak	<i>Quercus laurifolia</i>	NDH	Medium	1.2	0.66	0.56	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			0	65
winged elm	<i>Ulmus alata</i>	WDL	Medium	1.2	0.31	0.26	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	66
pitch pine	<i>Pinus rigida</i>	NSH	High	4.7	0.29	1	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	67
slash pine	<i>Pinus elliotii</i>	NDH	High	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			3	68
longleaf pine	<i>Pinus palustris</i>	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	69
bald cypress	<i>Taxodium distichum</i>	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	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
striped maple	<i>Acer pensylvanicum</i>	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	72
mountain maple	<i>Acer spicatum</i>	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	73
cittamwood/gum bumelia	<i>Sideroxylon lanuginosum</i> ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	74
water hickory	<i>Carya aquatica</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	75
pecan	<i>Carya illinoensis</i>	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	76
shellbark hickory	<i>Carya laciniosa</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	77
black hickory	<i>Carya texana</i>	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	78
sugarberry	<i>Celtis laevigata</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	79
sweetbay	<i>Magnolia virginiana</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	80
bigleaf magnolia	<i>Magnolia macrophylla</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	81
water tupelo	<i>Nyssa aquatica</i>	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	82
swamp tupelo	<i>Nyssa biflora</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	83
sourwood	<i>Oxydendrum arboreum</i>	NDL	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	84
redbay	<i>Persea borbonia</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	85
water elm	<i>Planera aquatica</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	86
overcup oak	<i>Quercus lyrata</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	87
chinkapin oak	<i>Quercus muehlenbergii</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	88
water oak	<i>Quercus nigra</i>	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate ++	3	89
Shumard oak	<i>Quercus shumardii</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	90
live oak	<i>Quercus virginiana</i>	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	91
American basswood	<i>Tilia americana</i>	WSL	Medium	0	0	0	New Habitat	Unknown	Medium	Absent	New Habitat	Unknown	Likely +		3	92
cedar elm	<i>Ulmus crassifolia</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	93