

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
red maple	Acer rubrum	WDH	High	64.5	613.03	13.9	No change	No change	High	Abundant	Very Good	Very Good	Infill ++	Infill ++	1	1
pitch pine	Pinus rigida	NSH	High	23.1	486.62	32.59	Sm. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	2
sweet birch	Betula lenta	NDH	High	38.8	403.73	12.99	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	3
scarlet oak	Quercus coccinea	WDL	Medium	37.7	313.85	11.6	No change	Sm. dec.	Medium	Common	Fair	Poor	Infill +	Infill +	1	4
black oak	Quercus velutina	WDH	High	55.3	272.51	7.88	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	1	5
northern red oak	Quercus rubra	WDH	Medium	55.9	267	7.7	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	1	6
sugar maple	Acer saccharum	WDH	High	27	261.39	14.54	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	1	7
white oak	Quercus alba	WDH	Medium	54.7	231.99	6	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	8
black cherry	Prunus serotina	WDL	Medium	51.2	216.64	11.38	No change	No change	Low	Common	Poor	Poor	Infill +	Infill +	0	9
American beech	Fagus grandifolia	WDH	High	31.7	195.94	7.07	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	10
white ash	Fraxinus americana	WDL	Medium	28.5	150.47	8.89	No change	No change	Low	Common	Poor	Poor	Infill +	Infill +	0	11
chestnut oak	Quercus prinus	NDH	High	17.4	121.12	7.97	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	12
black locust	Robinia pseudoacacia	NDH	Low	24.3	99.75	11.94	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	1	13
eastern redcedar	Juniperus virginiana	WDH	Medium	17.1	96.77	6.9	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	1	14
yellow-poplar	Liriodendron tulipifera	WDH	High	21.4	50.62	4.87	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	15
sassafras	Sassafras albidum	WSL	Low	26	49.54	2.69	Sm. inc.	No change	Medium	Rare	Fair	Poor	Infill +	Infill +	1	16
pignut hickory	Carya glabra	WDL	Medium	25.1	48.46	2.85	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	1	17
yellow birch	Betula alleghaniensis	NDL	High	17.4	44.41	3.27	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	1	18
American elm	Ulmus americana	WDH	Medium	14	42.22	5.47	No change	No change	Medium	Rare	Poor	Fair	Infill +	Infill +	1	19
eastern white pine	Pinus strobus	WDH	High	19.9	35.52	6.37	Sm. inc.	Lg. dec.	Low	Rare	Poor	Very Poor	Infill +		1	20
Norway maple	Acer platanoides	NSL	FIA	15.2	28.81	5.54	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	21
blackgum	Nyssa sylvatica	WDL	Medium	21.5	27.81	3.77	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	22
moccernut hickory	Carya alba	WDL	Medium	8.7	26.81	3.27	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	23
black walnut	Juglans nigra	WDH	Low	5.5	19.35	12.92	No change	Sm. dec.	Medium	Rare	Poor	Very Poor			2	24
green ash	Fraxinus pennsylvanica	WSH	Low	3.3	17.76	7.37	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	25
gray birch	Betula populifolia	NSL	Low	10.6	17.6	2.74	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	26
bitternut hickory	Carya cordiformis	WSL	Low	8.3	17.2	5.2	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	27
shagbark hickory	Carya ovata	WSL	Medium	15.3	13.43	1.64	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	28
serviceberry	Amelanchier spp.	NSL	Low	4.8	11.84	2.42	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	29
ailanthus	Ailanthus altissima	NSL	FIA	18	9.61	5.67	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	30
swamp white oak	Quercus bicolor	NSL	Low	9.7	8.88	3.1	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	31
bear oak; scrub oak	Quercus ilicifolia	NSLX	FIA	10.8	8.71	1.68	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	32
eastern hemlock	Tsuga canadensis	NSH	High	4.4	6.89	2.32	Sm. inc.	No change	Low	Rare	Poor	Very Poor	Infill +		2	33
pin oak	Quercus palustris	NSH	Low	8.3	5.61	8.03	No change	No change	Low	Rare	Very Poor	Very Poor			2	34
bigtooth aspen	Populus grandidentata	NSL	Medium	8	5.59	7.58	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	35
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	3.7	4.17	1.14	No change	Sm. inc.	High	Rare	Fair	Good	Infill +	Infill ++	2	36
American basswood	Tilia americana	WSL	Medium	3.3	4.13	1.86	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	37
flowering dogwood	Cornus florida	WDL	Medium	17.2	3.08	0.69	Sm. dec.	Sm. inc.	Medium	Rare	Very Poor	Fair		Infill +	1	38
red spruce	Picea rubens	NDH	High	4.4	2.62	1.28	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	39
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	3.7	2.28	0.62	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	1	40
black willow	Salix nigra	NSH	Low	1.2	2.25	1.85	Lg. dec.	No change	Low	Rare	Very Poor	Very Poor			0	41
white mulberry	Morus alba	NSL	FIA	4.9	2.2	7.26	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	42
sweetgum	Liquidambar styraciflua	WDH	High	3.1	2.01	4.16	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	43
Norway spruce	Picea abies	NSH	FIA	6.1	1.84	1.15	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	44
post oak	Quercus stellata	WDH	High	9.6	1.24	0.86	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	45
northern pin oak	Quercus ellipsoidalis	NSH	Medium	4	1.13	3.06	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	46
red pine	Pinus resinosa	NSH	Medium	4	0.46	1.22	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	47
tamarack (native)	Larix laricina	NSH	High	3.2	0.33	0.7	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	48
American chestnut	Castanea dentata	NSLX	FIA	3.2	0.16	0.34	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	49
Atlantic white-cedar	Chamaecyparis thyoides	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	50
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	51
slash pine	Pinus elliottii	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	52
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	53

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Table Mountain pine	Pinus pungens	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	54
pond pine	Pinus serotina	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	55
loblolly pine	Pinus taeda	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate ++	Migrate ++	3	56
Virginia pine	Pinus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	57
bald cypress	Taxodium distichum	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	58
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	59
boxelder	Acer negundo	WSH	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	60
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	61
silver maple	Acer saccharinum	NSH	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	62
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	Unknown	New Habitat	High	Absent	Unknown	New Habitat			0	63
water hickory	Carya aquatica	NSL	Medium	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			0	64
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	65
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	66
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	67
hackberry	Celtis occidentalis	WDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	68
eastern redbud	Cercis canadensis	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	69
common persimmon	Diospyros virginiana	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	70
loblolly-bay	Gordonia lasianthus	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	71
American holly	Ilex opaca	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	72
cucumbertree	Magnolia acuminata	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	73
sweetbay	Magnolia virginiana	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	74
mountain or Fraser magnolia	Magnolia fraseri	NSL	Low	0	0	0	Unknown	Unknown	NA	Absent	Unknown	Unknown			0	75
water tupelo	Nyssa aquatica	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	76
swamp tupelo	Nyssa biflora	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	77
sourwood	Oxydendrum arboreum	NDL	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	78
redbay	Persea borbonia	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	79
sycamore	Platanus occidentalis	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	80
eastern cottonwood	Populus deltoides	NSH	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	81
southern red oak	Quercus falcata	WDL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	82
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	83
laurel oak	Quercus laurifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	84
overcup oak	Quercus lyrata	NSL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	85
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	86
swamp chestnut oak	Quercus michauxii	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	87
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	88
willow oak	Quercus phellos	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	89
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	90
bluejack oak	Quercus incana	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	91
American mountain-ash	Sorbus americana	NSL	Low	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	92
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	93
slippery elm	Ulmus rubra	WSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	94