

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	93.8	1159.05	12.35	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	1
red maple	Acer rubrum	WDH	High	88.9	924.78	10.4	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	2
chestnut oak	Quercus prinus	NDH	High	65.4	562.01	8.59	No change	No change	High	Abundant	Very Good	Very Good			1	3
Virginia pine	Pinus virginiana	NDH	High	54.3	484	8.91	No change	No change	Medium	Common	Fair	Fair			1	4
sugar maple	Acer saccharum	WDH	High	82.7	467.78	5.66	Sm. dec.	Lg. dec.	High	Common	Fair	Fair			1	5
white oak	Quercus alba	WDH	Medium	72.8	392.28	5.39	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	6
eastern redcedar	Juniperus virginiana	WDH	Medium	33.3	377.58	11.33	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	7
American beech	Fagus grandifolia	WDH	High	71.6	366.02	5.11	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	8
pignut hickory	Carya glabra	WDL	Medium	69.1	329.36	4.76	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	9
sourwood	Oxydendrum arboreum	NDL	High	80.2	293.21	3.65	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	10
sassafras	Sassafras albidum	WSL	Low	66.7	287.12	4.31	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	11
scarlet oak	Quercus coccinea	WDL	Medium	60.5	281.6	4.66	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	12
blackgum	Nyssa sylvatica	WDL	Medium	74.1	266.48	3.6	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	13
northern red oak	Quercus rubra	WDH	Medium	67.9	264.38	3.89	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	14
black locust	Robinia pseudoacacia	NDH	Low	54.3	238.57	4.39	No change	No change	Medium	Common	Fair	Fair			1	15
mockernut hickory	Carya alba	WDL	Medium	51.9	228.52	4.41	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	16
flowering dogwood	Cornus florida	WDL	Medium	69.1	202.2	2.92	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	17
black oak	Quercus velutina	WDH	High	54.3	193.17	3.56	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	18
sweetgum	Liquidambar styraciflua	WDH	High	24.7	188.28	7.63	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	19
white ash	Fraxinus americana	WDL	Medium	43.2	155.72	3.6	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	20
sweet birch	Betula lenta	NDH	High	42	144.04	3.43	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	21
shagbark hickory	Carya ovata	WSL	Medium	42	135.17	3.22	No change	No change	Medium	Common	Fair	Fair			1	22
sycamore	Platanus occidentalis	NSL	Low	23.5	124.15	5.29	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	23
shortleaf pine	Pinus echinata	WDH	High	35.8	121.94	3.41	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	24
black walnut	Juglans nigra	WDH	Low	32.1	118.16	3.68	No change	No change	Medium	Common	Fair	Fair			1	25
American basswood	Tilia americana	WSL	Medium	28.4	113.91	4.01	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	26
eastern hemlock	Tsuga canadensis	NSH	High	19.8	113.85	5.76	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor			0	27
southern red oak	Quercus falcata	WDL	Medium	17.3	97.62	5.65	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	28
eastern redbud	Cercis canadensis	NSL	Low	44.4	93.74	2.11	No change	No change	Medium	Common	Fair	Fair			1	29
black cherry	Prunus serotina	WDL	Medium	33.3	88.93	2.67	Lg. inc.	Lg. inc.	Low	Common	Good	Good			1	30
bitternut hickory	Carya cordiformis	WSL	Low	29.6	88.47	2.99	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	31
American elm	Ulmus americana	WDH	Medium	27.2	86.12	3.17	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			1	32
cucumbertree	Magnolia acuminata	NSL	Low	38.3	79.8	2.08	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	33
ailanthus	Ailanthus altissima	NSL	FIA	16	66.83	4.16	Unknown	Unknown	NA	Common	NNIS	NNIS			0	34
chinkapin oak	Quercus muehlenbergii	NSL	Medium	16	65.59	4.09	No change	No change	Medium	Common	Fair	Fair			1	35
paulownia	Paulownia tomentosa	NSL	FIA	14.8	62.26	4.2	Unknown	Unknown	NA	Common	NNIS	NNIS			0	36
green ash	Fraxinus pennsylvanica	WSH	Low	21	58.68	2.8	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	37
yellow buckeye	Aesculus flava	NSL	Low	28.4	54.69	1.93	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	38
red mulberry	Morus rubra	NSL	Low	16	49.62	3.09	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	39
boxelder	Acer negundo	WSH	Low	9.9	49.3	4.99	No change	No change	High	Rare	Fair	Fair			1	40
pitch pine	Pinus rigida	NSH	High	9.9	43.89	4.44	No change	No change	Medium	Rare	Poor	Poor			1	41
common persimmon	Diospyros virginiana	NSL	Low	16	37.32	2.33	Sm. inc.	Lg. inc.	High	Rare	Good	Good			1	42
slippery elm	Ulmus rubra	WSL	Low	24.7	33.23	1.35	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	43
eastern white pine	Pinus strobus	WDH	High	6.2	32.37	5.24	No change	No change	Low	Rare	Very Poor	Very Poor			0	44
serviceberry	Amelanchier spp.	NSL	Low	24.7	32.25	1.31	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	45
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	14.8	26.9	1.82	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	46
winged elm	Ulmus alata	WDL	Medium	12.3	24.04	1.95	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			1	47
bigleaf magnolia	Magnolia macrophylla	NSL	Low	11.1	23.78	2.14	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	48
mountain or Fraser magnolia	Magnolia fraseri	NSL	Low	8.6	22.25	2.57	Sm. dec.	Sm. dec.	NA	Rare	Unknown	Unknown			0	49
river birch	Betula nigra	NSL	Low	6.2	20.8	3.37	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	50
black willow	Salix nigra	NSH	Low	3.7	15.69	4.24	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	51
white mulberry	Morus alba	NSL	FIA	7.4	9.62	1.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	52
Ohio buckeye	Aesculus glabra	NSL	Low	3.7	9.49	2.56	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	53

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eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	9.9	7.94	0.8	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	54
post oak	Quercus stellata	WDH	High	7.4	7.68	1.04	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	55
hackberry	Celtis occidentalis	WDH	Medium	3.7	7.1	1.92	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	56
loblolly pine	Pinus taeda	WDH	High	3.7	6.93	1.87	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	57
blue ash	Fraxinus quadrangulata	NSL	Low	2.5	6.6	2.67	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	58
black maple	Acer nigrum	NSH	Low	1.2	5.68	4.6	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			0	59
eastern cottonwood	Populus deltoides	NSH	Low	2.5	4.41	1.78	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	60
butternut	Juglans cinerea	NSLX	FIA	1.2	4.07	3.3	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	61
willow oak	Quercus phellos	NSL	Low	1.2	2.96	2.4	Very Lg. dec.	Sm. dec.	Medium	Rare	Lost	Very Poor			0	62
American holly	Ilex opaca	NSL	Medium	3.7	2.42	0.65	Very Lg. dec.	Lg. dec.	Medium	Rare	Lost	Very Poor			0	63
pawpaw	Asimina triloba	NSL	Low	3.7	2.37	0.64	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	64
shellbark hickory	Carya laciniosa	NSL	Low	2.5	2.31	0.94	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	65
Osage-orange	Maclura pomifera	NDH	Medium	2.5	1.4	0.56	Very Lg. dec.	Sm. inc.	High	Rare	Lost	Good			2	66
bigtooth aspen	Populus grandidentata	NSL	Medium	1.2	1.31	1.06	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	67
silver maple	Acer saccharinum	NSH	Low	1.2	0.79	0.64	Very Lg. dec.	Very Lg. dec.	High	Rare	Lost	Lost			0	68
striped maple	Acer pensylvanicum	NSL	Medium	1.2	0.7	0.57	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	69
chokecherry	Prunus virginiana	NSLX	FIA	1.2	0.58	0.47	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	70
blackjack oak	Quercus marilandica	NSL	Medium	1.2	0.49	0.4	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	71
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	72
red spruce	Picea rubens	NDH	High	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	73
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	74
Table Mountain pine	Pinus pungens	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	75
northern white-cedar	Thuja occidentalis	WSH	High	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	76
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	77
yellow birch	Betula alleghaniensis	NDL	High	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	78
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	Unknown	New Habitat	High	Absent	Unknown	New Habitat			3	79
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Likely +	Likely +	3	80
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	81
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	82
honeylocust	Gleditsia triacanthos	NSH	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	83
silverbell	Halesia spp.	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	84
pin cherry	Prunus pensylvanica	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	85
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	86
shingle oak	Quercus imbricaria	NDH	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	87
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	88
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	89
bluejack oak	Quercus incana	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	90