

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIaiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
sugar maple	Acer saccharum	WDH	High	88.2	929.2	14.39	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	1
eastern redcedar	Juniperus virginiana	WDH	Medium	68.8	623.28	11.83	No change	No change	Medium	Abundant	Good	Good			1	2
yellow-poplar	Liriodendron tulipifera	WDH	High	75.3	594.05	11.65	Lg. dec.	Lg. dec.	High	Abundant	Good	Good			1	3
white oak	Quercus alba	WDH	Medium	63.4	361.52	7.52	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	4
American beech	Fagus grandifolia	WDH	High	44.1	300.55	8.07	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	5
pignut hickory	Carya glabra	WDL	Medium	53.8	299.69	7.47	Sm. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	6
sassafras	Sassafras albidum	WSL	Low	59.1	279.26	7.18	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	7
red maple	Acer rubrum	WDH	High	63.4	256.62	5.83	No change	No change	High	Common	Good	Good			1	8
black oak	Quercus velutina	WDH	High	55.9	222.56	6.12	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	9
northern red oak	Quercus rubra	WDH	Medium	43	211.05	5.6	Sm. dec.	Sm. dec.	High	Common	Fair	Fair			1	10
winged elm	Ulmus alata	WDL	Medium	34.4	174.69	5.66	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	11
black cherry	Prunus serotina	WDL	Medium	60.2	163.11	4.63	No change	No change	Low	Common	Poor	Poor			0	12
flowering dogwood	Cornus florida	WDL	Medium	50.5	156.29	4.09	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	13
green ash	Fraxinus pennsylvanica	WSH	Low	39.8	155.28	4.3	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			1	14
sweetgum	Liquidambar styraciflua	WDH	High	29	152.3	7.54	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	15
blackgum	Nyssa sylvatica	WDL	Medium	55.9	146.99	3.94	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	16
white ash	Fraxinus americana	WDL	Medium	33.3	140.89	6.75	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	17
chinkapin oak	Quercus muehlenbergii	NSL	Medium	30.1	139.83	5.29	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	18
Virginia pine	Pinus virginiana	NDH	High	14	138.83	13.1	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	19
hackberry	Celtis occidentalis	WDH	Medium	38.7	137.96	4.85	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	20
mockernut hickory	Carya alba	WDL	Medium	41.9	132.95	4.48	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	21
black walnut	Juglans nigra	WDH	Low	38.7	132.15	4.47	No change	No change	Medium	Common	Fair	Fair			1	22
sycamore	Platanus occidentalis	NSL	Low	21.5	126.42	6.96	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	23
post oak	Quercus stellata	WDH	High	22.6	123.54	6.99	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	24
southern red oak	Quercus falcata	WDL	Medium	24.7	123.45	5.87	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	25
slippery elm	Ulmus rubra	WSL	Low	45.2	106.52	3.44	No change	Sm. inc.	Medium	Common	Fair	Good			1	26
American elm	Ulmus americana	WDH	Medium	31.2	90.29	3.78	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	27
bitternut hickory	Carya cordiformis	WSL	Low	32.3	78.37	3.17	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	28
shagbark hickory	Carya ovata	WSL	Medium	35.5	76.04	3.09	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	29
chestnut oak	Quercus prinus	NDH	High	11.8	66.75	8.49	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	1	30
scarlet oak	Quercus coccinea	WDL	Medium	24.7	63.44	3.91	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	31
silver maple	Acer saccharinum	NSH	Low	3.2	46.94	14.55	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor		Infill +	2	32
boxelder	Acer negundo	WSH	Low	8.6	46.66	5.42	No change	No change	High	Rare	Fair	Fair			1	33
Shumard oak	Quercus shumardii	NSL	Low	7.5	42.84	5.69	No change	No change	High	Rare	Fair	Fair			1	34
black locust	Robinia pseudoacacia	NDH	Low	9.7	39.48	6.53	No change	No change	Medium	Rare	Poor	Poor			1	35
eastern redbud	Cercis canadensis	NSL	Low	21.5	39.42	2.29	No change	Sm. inc.	Medium	Rare	Poor	Fair			1	36
shellbark hickory	Carya laciniosa	NSL	Low	17.2	39.02	2.82	Sm. dec.	No change	Medium	Rare	Very Poor	Poor		Infill +	1	37
sourwood	Oxydendrum arboreum	NDL	High	20.4	34.84	2.19	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			1	38
common persimmon	Diospyros virginiana	NSL	Low	10.8	34.09	3.17	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	39
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	21.5	32.59	1.88	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	40
eastern white pine	Pinus strobus	WDH	High	1.1	30.43	28.3	Lg. dec.	Very Lg. dec.	Low	Rare	Very Poor	Lost			0	41
ailanthus	Ailanthus altissima	NSL	FIA	6.5	29.43	4.56	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	42
shortleaf pine	Pinus echinata	WDH	High	1.1	29.35	27.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	43
pitch pine	Pinus rigida	NSH	High	5.4	23.45	11.15	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	44
red mulberry	Morus rubra	NSL	Low	12.9	23.17	2.45	Lg. dec.	No change	Medium	Rare	Very Poor	Poor			1	45
swamp white oak	Quercus bicolor	NSL	Low	3.2	21.48	6.66	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	46
shingle oak	Quercus imbricaria	NDH	Medium	10.8	19.69	3.43	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	47
sugarberry	Celtis laevigata	NDH	Medium	2.2	14.09	6.55	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	48
butternut	Juglans cinerea	NSLX	FIA	2.2	13.76	6.4	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	49
yellow buckeye	Aesculus flava	NSL	Low	4.3	9.89	2.3	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	50
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	7.5	9.58	1.27	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			1	51
blue ash	Fraxinus quadrangulata	NSL	Low	2.2	8.42	3.92	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	52
black willow	Salix nigra	NSH	Low	2.2	8.14	3.78	No change	Lg. inc.	Low	Rare	Very Poor	Fair		Infill +	2	53

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swamp tupelo	Nyssa biflora	NDH	Medium	1.1	7.42	6.9	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	54
American basswood	Tilia americana	WSL	Medium	1.1	7.31	6.8	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	55
loblolly pine	Pinus taeda	WDH	High	2.2	5.98	2.78	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	56
honeylocust	Gleditsia triacanthos	NSH	Low	2.2	5.81	2.7	Sm. inc.	Lg. inc.	High	Rare	Good	Good		Infill ++	2	57
paulownia	Paulownia tomentosa	NSL	FIA	1.1	4.62	4.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	58
blackjack oak	Quercus marilandica	NSL	Medium	1.1	4.19	3.9	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	59
pin oak	Quercus palustris	NSH	Low	1.1	4.09	3.8	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	60
eastern hemlock	Tsuga canadensis	NSH	High	1.1	3.04	2.83	Very Lg. dec.	Very Lg. dec.	Low	Rare	Lost	Lost			0	61
cherrybark oak; swamp red o	Quercus pagoda	NSL	Medium	2.2	2.92	1.36	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	62
swamp chestnut oak	Quercus michauxii	NSL	Low	1.1	2.55	2.37	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	63
serviceberry	Amelanchier spp.	NSL	Low	3.2	1.65	0.51	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	64
American holly	Ilex opaca	NSL	Medium	1.1	1.45	1.35	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	65
northern catalpa	Catalpa speciosa	NSHX	FIA	1.1	1.29	1.2	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	66
pawpaw	Asimina triloba	NSL	Low	2.2	1.09	0.5	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	67
rock elm	Ulmus thomasii	NSLX	FIA	1.1	0.6	0.56	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	68
American chestnut	Castanea dentata	NSLX	FIA	1.1	0.32	0.3	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	69
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	70
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	71
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			3	72
mountain maple	Acer spicatum	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	73
Ohio buckeye	Aesculus glabra	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	74
river birch	Betula nigra	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	75
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	76
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	77
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	78
black ash	Fraxinus nigra	WSH	Medium	0	0	0	Unknown	New Habitat	Low	Absent	Unknown	New Habitat			3	79
silverbell	Halesia spp.	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	80
Osage-orange	Maclura pomifera	NDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	81
pin cherry	Prunus pensylvanica	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	82
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	83
willow oak	Quercus phellos	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	84
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	85
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	86