

Current and Potential Future Habitat, Capability, and Migration

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
American elm	Ulmus americana	WDH	Medium	81	202.9	12.2	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	1
sugar maple	Acer saccharum	WDH	High	63.1	192.1	14.1	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	1	2
white ash	Fraxinus americana	WDL	Medium	73.8	190.7	17.1	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor	Infill +	Infill +	0	3
black cherry	Prunus serotina	WDL	Medium	57.1	114.9	8.9	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor	Infill +	Infill +	0	4
black locust	Robinia pseudoacacia	NDH	Low	8.3	104.6	20.4	Sm. dec.	No change	Medium	Common	Poor	Fair	Infill +	Infill +	1	5
boxelder	Acer negundo	WSH	Low	63.1	92.3	10.3	No change	Sm. dec.	High	Common	Good	Fair	Infill ++	Infill +	1	6
hackberry	Celtis occidentalis	WDH	Medium	69	89.0	7.8	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	7
Osage-orange	Maclura pomifera	NDH	Medium	42.9	79.5	8.7	No change	Sm. inc.	High	Common	Good	Very Good	Infill ++	Infill ++	1	8
green ash	Fraxinus pennsylvanica	WSH	Low	52.4	69.3	9.5	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	1	9
black walnut	Juglans nigra	WDH	Low	57.1	68.5	9.2	Sm. inc.	Sm. inc.	Medium	Common	Good	Good	Infill ++	Infill ++	1	10
silver maple	Acer saccharinum	NSH	Low	17.9	54.3	10.7	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	2	11
honeylocust	Gleditsia triacanthos	NSH	Low	41.7	38.4	5.0	No change	Sm. inc.	High	Rare	Fair	Good	Infill +	Infill ++	1	12
slippery elm	Ulmus rubra	WSL	Low	42.9	36.6	4.2	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	1	13
white mulberry	Morus alba	NSL	FIA	36.9	28.0	5.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	14
bitternut hickory	Carya cordiformis	WSL	Low	40.5	27.4	6.8	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	15
sycamore	Platanus occidentalis	NSL	Low	29.8	26.6	9.7	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	16
eastern redcedar	Juniperus virginiana	WDH	Medium	16.7	23.1	10.0	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	17
northern red oak	Quercus rubra	WDH	Medium	29.8	22.5	7.8	Lg. inc.	Sm. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	18
yellow-poplar	Liriodendron tulipifera	WDH	High	10.7	22.1	8.2	No change	Lg. dec.	High	Rare	Fair	Poor	Infill +		2	19
swamp white oak	Quercus bicolor	NSL	Low	15.5	16.0	10.3	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	20
eastern redbud	Cercis canadensis	NSL	Low	16.7	12.4	2.2	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	21
yellow buckeye	Aesculus flava	NSL	Low	6	10.8	4.8	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	22
American basswood	Tilia americana	WSL	Medium	19	10.7	8.2	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	23
mockernut hickory	Carya alba	WDL	Medium	25	10.5	3.4	Sm. dec.	Sm. inc.	High	Rare	Poor	Good		Infill ++	2	24
eastern cottonwood	Populus deltoides	NSH	Low	14.3	8.7	8.8	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	25
eastern white pine	Pinus strobus	WDH	High	1.2	6.8	5.2	Very Lg. dec.	Very Lg. dec.	Low	Rare	Lost	Lost			0	26
white oak	Quercus alba	WDH	Medium	19	6.0	4.5	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	27
bigtooth aspen	Populus grandidentata	NSL	Medium	4.8	5.4	16.5	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	28
red pine	Pinus resinosa	NSH	Medium	6	4.7	5.4	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	29
shagbark hickory	Carya ovata	WSL	Medium	14.3	4.3	4.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	30
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	10.7	4.3	1.4	No change	Sm. inc.	High	Rare	Fair	Good	Infill +		2	31
American beech	Fagus grandifolia	WDH	High	10.7	4.0	2.6	Sm. inc.	Lg. dec.	Medium	Rare	Fair	Very Poor	Infill +		2	32
Ohio buckeye	Aesculus glabra	NSL	Low	19	4.0	3.0	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	33
pawpaw	Asimina triloba	NSL	Low	2.4	3.7	1.4	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	34
Virginia pine	Pinus virginiana	NDH	High	1.2	3.0	2.3	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	35
red maple	Acer rubrum	WDH	High	6	2.5	1.4	No change	No change	High	Rare	Fair	Fair	Infill +		2	36
blue ash	Fraxinus quadrangulata	NSL	Low	14.3	2.3	2.3	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	37
sweetgum	Liquidambar styraciflua	WDH	High	1.2	1.5	1.2	No change	Lg. inc.	Medium	Rare	Poor	Good			0	38
black willow	Salix nigra	NSH	Low	9.5	1.5	2.2	No change	Lg. inc.	Low	Rare	Very Poor	Fair		Infill +	2	39
pignut hickory	Carya glabra	WDL	Medium	9.5	1.1	1.7	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +		2	40
black ash	Fraxinus nigra	WSH	Medium	1.2	1.0	0.7	Very Lg. dec.	Very Lg. dec.	Low	Rare	Lost	Lost			0	41
chinkapin oak	Quercus muehlenbergii	NSL	Medium	14.3	1.0	1.0	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	42
black oak	Quercus velutina	WDH	High	4.8	0.9	2.6	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	43
black maple	Acer nigrum	NSH	Low	4.8	0.8	2.3	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			0	44
ailanthus	Ailanthus altissima	NSL	FIA	4.8	0.6	1.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	45
flowering dogwood	Cornus florida	WDL	Medium	4.8	0.4	1.1	Lg. dec.	No change	Medium	Rare	Very Poor	Poor			0	46
red mulberry	Morus rubra	NSL	Low	4.8	0.3	1.0	Sm. inc.	No change	Medium	Rare	Fair	Poor		Infill +	2	47

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serviceberry	Amelanchier spp.	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	48
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	49
shellbark hickory	Carya laciniosa	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	50
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	51
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate ++	3	52
common persimmon	Diospyros virginiana	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	53
southern red oak	Quercus falcata	WDL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	54
shingle oak	Quercus imbricaria	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	55
bur oak	Quercus macrocarpa	NDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	56
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	57
pin oak	Quercus palustris	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Likely +	Likely +	3	58
Shumard oak	Quercus shumardii	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	59
post oak	Quercus stellata	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate ++	Migrate ++	3	60
bluejack oak	Quercus incana	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	61
sassafras	Sassafras albidum	WSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	62
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	63