

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
black walnut	Juglans nigra	WDH	Low	67.3	233.7	11.0	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	1
Osage-orange	Maclura pomifera	NDH	Medium	50.6	203.2	15.0	No change	No change	High	Common	Good	Good			1	2
American elm	Ulmus americana	WDH	Medium	79.5	185.9	8.9	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	3
honeylocust	Gleditsia triacanthos	NSH	Low	56.2	134.0	11.5	No change	No change	High	Common	Good	Good			1	4
shagbark hickory	Carya ovata	WSL	Medium	54.8	131.9	8.1	Sm. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	5
hackberry	Celtis occidentalis	WDH	Medium	64.3	125.3	7.9	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	6
bur oak	Quercus macrocarpa	NDH	Medium	36.2	104.5	7.1	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	1	7
white oak	Quercus alba	WDH	Medium	26.8	95.0	16.3	Sm. dec.	Lg. dec.	High	Common	Fair	Fair			1	8
green ash	Fraxinus pennsylvanica	WSH	Low	31.1	94.5	11.1	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	9
shingle oak	Quercus imbricaria	NDH	Medium	47.3	93.8	7.4	Sm. dec.	Lg. dec.	Medium	Common	Poor	Poor			0	10
black locust	Robinia pseudoacacia	NDH	Low	9.1	91.3	18.6	Lg. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	11
eastern redcedar	Juniperus virginiana	WDH	Medium	39.4	70.8	6.7	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			1	12
slippery elm	Ulmus rubra	WSL	Low	41.3	65.0	4.2	No change	No change	Medium	Common	Fair	Fair			1	13
pin oak	Quercus palustris	NSH	Low	30.5	64.4	7.2	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor	Infill +	Infill +	0	14
white ash	Fraxinus americana	WDL	Medium	36.2	64.2	6.0	No change	No change	Low	Common	Poor	Poor			0	15
northern red oak	Quercus rubra	WDH	Medium	38.6	48.2	5.8	Sm. inc.	No change	High	Rare	Good	Fair			1	16
post oak	Quercus stellata	WDH	High	8.1	44.4	8.8	No change	Sm. inc.	High	Rare	Fair	Good	Infill +	Infill ++	2	17
red mulberry	Morus rubra	NSL	Low	44.5	44.4	3.7	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair			1	18
boxelder	Acer negundo	WSH	Low	31.2	44.0	5.6	Sm. dec.	No change	High	Rare	Poor	Fair			1	19
silver maple	Acer saccharinum	NSH	Low	20.3	43.2	11.1	No change	Sm. inc.	High	Rare	Fair	Good	Infill +	Infill ++	1	20
eastern cottonwood	Populus deltoides	NSH	Low	17.5	42.0	8.6	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	21
bitternut hickory	Carya cordiformis	WSL	Low	43.1	36.5	5.1	Sm. inc.	Sm. inc.	High	Rare	Good	Good			1	22
black willow	Salix nigra	NSH	Low	13.3	30.4	5.6	Sm. dec.	Sm. inc.	Low	Rare	Very Poor	Poor		Infill +	1	23
black oak	Quercus velutina	WDH	High	25.2	25.8	4.5	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	24
black cherry	Prunus serotina	WDL	Medium	41.6	24.6	3.0	Sm. inc.	No change	Low	Rare	Poor	Very Poor			1	25
sugar maple	Acer saccharum	WDH	High	2.4	18.2	19.6	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	26
American basswood	Tilia americana	WSL	Medium	11.6	15.2	5.0	Lg. dec.	Very Lg. dec.	Medium	Rare	Very Poor	Lost			0	27
swamp white oak	Quercus bicolor	NSL	Low	12	12.3	8.5	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	28
Siberian elm	Ulmus pumila	NDH	FIA	4.4	11.6	14.1	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	29
chinkapin oak	Quercus muehlenbergii	NSL	Medium	13.8	10.0	3.8	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	30
Ohio buckeye	Aesculus glabra	NSL	Low	6.4	9.5	7.2	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	31
sycamore	Platanus occidentalis	NSL	Low	11.7	4.6	6.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	32
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	17.9	4.3	1.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	1	33
shellbark hickory	Carya laciniosa	NSL	Low	2	4.1	4.3	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	34
pecan	Carya illinoensis	NSH	Low	1.7	4.0	6.3	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	2	35
blackjack oak	Quercus marilandica	NSL	Medium	0.3	3.4	1.1	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	36
eastern redbud	Cercis canadensis	NSL	Low	8	3.1	1.5	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	37
pignut hickory	Carya glabra	WDL	Medium	2.7	1.9	1.4	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	38
white mulberry	Morus alba	NSL	FIA	4	1.7	1.2	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	39
wild plum	Prunus americana	NSLX	FIA	3.1	1.3	1.7	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	40
mockernut hickory	Carya alba	WDL	Medium	2.1	0.5	1.2	No change	Lg. inc.	High	Rare	Fair	Good	Infill +		2	41
Kentucky coffeetree	Gymnocladus dioicus	NSLX	FIA	1.6	0.4	2.7	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	42
pawpaw	Asimina triloba	NSL	Low	0.7	0.4	1.1	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	43
river birch	Betula nigra	NSL	Low	1.9	0.2	1.7	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	44
flowering dogwood	Cornus florida	WDL	Medium	5.5	0.2	0.5	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	45
black hickory	Carya texana	NDL	High	1.5	0.2	0.9	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	46
serviceberry	Amelanchier spp.	NSL	Low	2	0.1	1.2	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	47

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cittamwood/gum bumelia	Sideroxylon lanuginosum ssp.	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +		3 48
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++		3 49
common persimmon	Diospyros virginiana	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +		3 50
pin cherry	Prunus pensylvanica	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat				3 51
water oak	Quercus nigra	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat				3 52
Shumard oak	Quercus shumardii	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +		3 53
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++		3 54
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat				3 55