

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
silver maple	Acer saccharinum	NSH	Low	38.1	72.1	27.4	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	2	1
American elm	Ulmus americana	WDH	Medium	61.9	65.7	15.4	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	2	2
red mulberry	Morus rubra	NSL	Low	38.1	53.0	20.1	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	3
boxelder	Acer negundo	WSH	Low	42.9	49.8	16.8	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	4
black cherry	Prunus serotina	WDL	Medium	42.9	37.2	12.6	Sm. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			2	5
hackberry	Celtis occidentalis	WDH	Medium	38.1	32.4	12.3	Sm. inc.	Sm. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	6
Siberian elm	Ulmus pumila	NDH	FIA	23.8	31.1	18.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	7
slippery elm	Ulmus rubra	WSL	Low	52.4	27.7	7.7	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			2	8
eastern redcedar	Juniperus virginiana	WDH	Medium	33.3	23.8	10.3	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	9
northern red oak	Quercus rubra	WDH	Medium	23.8	22.3	13.6	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	10
shagbark hickory	Carya ovata	WSL	Medium	38.1	21.4	8.1	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			2	11
white oak	Quercus alba	WDH	Medium	23.8	19.5	11.9	No change	Sm. dec.	High	Rare	Fair	Poor	Infill +	Infill +	2	12
black walnut	Juglans nigra	WDH	Low	28.6	17.9	9.1	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	2	13
green ash	Fraxinus pennsylvanica	WSH	Low	23.8	17.1	10.4	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	2	14
bur oak	Quercus macrocarpa	NDH	Medium	19	16.7	12.7	Sm. inc.	Sm. inc.	High	Rare	Good	Good			2	15
sugar maple	Acer saccharum	WDH	High	14.3	13.6	13.8	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	16
black willow	Salix nigra	NSH	Low	9.5	10.8	16.3	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	17
bitternut hickory	Carya cordiformis	WSL	Low	19	10.2	7.8	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	18
honeylocust	Gleditsia triacanthos	NSH	Low	9.5	8.6	13.1	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	19
American basswood	Tilia americana	WSL	Medium	19	8.1	6.2	Sm. inc.	No change	Medium	Rare	Fair	Poor	Infill +	Infill +	2	20
white ash	Fraxinus americana	WDL	Medium	19	6.7	5.1	Sm. inc.	Lg. inc.	Low	Rare	Poor	Fair	Infill +	Infill +	2	21
wild plum	Prunus americana	NSLX	FIA	14.3	6.2	6.2	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	22
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	23.8	4.5	2.7	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	23
river birch	Betula nigra	NSL	Low	9.5	2.9	4.5	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	24
northern pin oak	Quercus ellipsoidalis	NSH	Medium	4.8	2.9	8.9	Lg. dec.	Very Lg. dec.	High	Rare	Poor	Lost			0	25
quaking aspen	Populus tremuloides	WDH	High	14.3	1.9	2.0	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	26
black locust	Robinia pseudoacacia	NDH	Low	4.8	1.6	5.0	No change	Sm. inc.	Medium	Rare	Poor	Fair		Infill +	2	27
swamp white oak	Quercus bicolor	NSL	Low	4.8	1.6	4.7	Sm. dec.	No change	Medium	Rare	Very Poor	Poor		Infill +	2	28
black oak	Quercus velutina	WDH	High	4.8	1.0	3.1	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	29
bigtooth aspen	Populus grandidentata	NSL	Medium	4.8	0.6	1.8	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	30
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	31
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate ++	3	32
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	33
sugarberry	Celtis laevigata	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	34
eastern redbud	Cercis canadensis	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat		Migrate +	3	35
common persimmon	Diospyros virginiana	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	36
Osage-orange	Maclura pomifera	NDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Likely +	Likely +	3	37
sycamore	Platanus occidentalis	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	38
eastern cottonwood	Populus deltoides	NSH	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	39
shingle oak	Quercus imbricaria	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	40
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate ++	3	41
pin oak	Quercus palustris	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	42
post oak	Quercus stellata	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	43
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate ++	3	44