

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
eastern redcedar	Juniperus virginiana	WDH	Medium	57.1	73.3	26.3	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	2	1
bur oak	Quercus macrocarpa	NDH	Medium	53.6	59.3	32.4	Sm. dec.	Lg. dec.	High	Common	Fair	Fair	Infill +	Infill +	2	2
hackberry	Celtis occidentalis	WDH	Medium	23.6	19.5	8.3	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	3
Siberian elm	Ulmus pumila	NDH	FIA	5.2	14.2	13.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	4
green ash	Fraxinus pennsylvanica	WSH	Low	41.4	13.4	11.5	No change	Sm. dec.	Medium	Rare	Poor	Very Poor	Infill +		2	5
eastern cottonwood	Populus deltoides	NSH	Low	20.9	13.1	28.9	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	2	6
American elm	Ulmus americana	WDH	Medium	34.4	11.0	8.3	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +		2	7
black locust	Robinia pseudoacacia	NDH	Low	2.7	3.0	32.7	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	8
black walnut	Juglans nigra	WDH	Low	3.2	2.2	11.1	No change	No change	Medium	Rare	Poor	Poor		Infill +	2	9
boxelder	Acer negundo	WSH	Low	5.6	1.2	2.7	Sm. dec.	No change	High	Rare	Poor	Fair			0	10
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	7.1	1.0	1.5	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	11
northern catalpa	Catalpa speciosa	NSHX	FIA	2.7	0.9	9.8	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	12
red mulberry	Morus rubra	NSL	Low	12.4	0.8	2.0	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	13
silver maple	Acer saccharinum	NSH	Low	3.7	0.5	7.2	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	14
slippery elm	Ulmus rubra	WSL	Low	7.5	0.4	1.1	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	15
American basswood	Tilia americana	WSL	Medium	1.5	0.4	0.5	No change	No change	Medium	Rare	Poor	Poor	Infill +		2	16
Osage-orange	Maclura pomifera	NDH	Medium	3.7	0.1	0.9	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	17
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	18
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	19
red maple	Acer rubrum	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	20
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	21
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	22
eastern redbud	Cercis canadensis	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	23
honeylocust	Gleditsia triacanthos	NSH	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	24
black cherry	Prunus serotina	WDL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	25
blackjack oak	Quercus marilandica	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	26
chinkapin oak	Quercus muehlenbergii	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	27
northern red oak	Quercus rubra	WDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	28
post oak	Quercus stellata	WDH	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	29
black oak	Quercus velutina	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	30
black willow	Salix nigra	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	31