

Current and Potential Future Habitat, Capability, and Migration

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCI45	ChngCI85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
post oak	Quercus stellata	WDH	High	54.7	1322.18	28.86	No change	Sm. dec.	High	Abundant	Very Good	Good			1	1
water oak	Quercus nigra	WDH	High	40.3	431.9	14.59	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	2
winged elm	Ulmus alata	WDL	Medium	57.6	394.08	9.82	No change	No change	Medium	Common	Fair	Fair			1	3
cedar elm	Ulmus crassifolia	NDH	Medium	63	346.24	12.32	No change	No change	Low	Common	Poor	Poor			0	4
eastern redcedar	Juniperus virginiana	WDH	Medium	53.8	327.88	9.22	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	5
sugarberry	Celtis laevigata	NDH	Medium	60	206.02	9.38	No change	No change	Medium	Common	Fair	Fair			1	6
blackjack oak	Quercus marilandica	NSL	Medium	27.4	183.19	8.04	No change	No change	High	Common	Good	Good			1	7
green ash	Fraxinus pennsylvanica	WSH	Low	46.1	180.36	6.43	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	8
American elm	Ulmus americana	WDH	Medium	31.4	141.48	6.65	No change	No change	Medium	Common	Fair	Fair			1	9
black hickory	Carya texana	NDL	High	21	101.28	4.92	Sm. dec.	No change	Medium	Common	Poor	Fair	Infill +	Infill +	1	10
Osage-orange	Maclura pomifera	NDH	Medium	22.8	93.05	8.25	Sm. dec.	Sm. dec.	High	Common	Fair	Fair	Infill +	Infill +	1	11
sweetgum	Liquidambar styraciflua	WDH	High	5.6	88.87	9.73	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	12
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	23.2	84.86	5.72	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	13
southern red oak	Quercus falcata	WDL	Medium	9.8	73.53	5.72	No change	No change	High	Common	Good	Good	Infill ++	Infill ++	1	14
mockernut hickory	Carya alba	WDL	Medium	16.4	69.86	4.88	No change	No change	High	Common	Good	Good			1	15
black willow	Salix nigra	NSH	Low	9.6	52.73	8.97	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor	Infill +	Infill +	0	16
honeylocust	Gleditsia triacanthos	NSH	Low	26.8	46.24	3.22	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	1	17
pecan	Carya illinoensis	NSH	Low	23.2	45.8	5.22	Sm. inc.	Sm. inc.	Low	Rare	Poor	Poor			1	18
American holly	Ilex opaca	NSL	Medium	4.7	39.75	6.17	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	19
willow oak	Quercus phellos	NSL	Low	8.6	37.85	3.99	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	20
common persimmon	Diospyros virginiana	NSL	Low	15.4	32.63	4.51	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			1	21
loblolly pine	Pinus taeda	WDH	High	2.6	31.04	5.31	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	22
flowering dogwood	Cornus florida	WDL	Medium	8	21.9	3.64	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	23
river birch	Betula nigra	NSL	Low	6.2	21.39	6.48	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	24
blackgum	Nyssa sylvatica	WDL	Medium	6	20.35	2.86	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	25
bluejack oak	Quercus incana	NSL	Low	4.3	18.04	3.59	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	26
hackberry	Celtis occidentalis	WDH	Medium	20.3	16.94	6.1	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	27
white ash	Fraxinus americana	WDL	Medium	6.4	16.29	2.1	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	28
overcup oak	Quercus lyrata	NSL	Medium	2	15.98	4.96	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	29
boxelder	Acer negundo	WSH	Low	7.6	14.49	4.71	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	1	30
sassafras	Sassafras albidum	WSL	Low	6.1	13.22	2.85	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	31
Siberian elm	Ulmus pumila	NDH	FIA	0.9	12.96	13.65	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	32
water elm	Planera aquatica	NSL	Low	1.4	11.35	3.36	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	33
slippery elm	Ulmus rubra	WSL	Low	5.1	10.38	3.54	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	34
eastern redbud	Cercis canadensis	NSL	Low	7.3	9.87	0.73	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	35
Shumard oak	Quercus shumardii	NSL	Low	4.8	5.89	1.28	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	36
ashe juniper	Juniperus ashei	NDH	High	0.4	4.75	2.21	No change	No change	NA	Rare	Unknown	Unknown			0	37
laurel oak	Quercus laurifolia	NDH	Medium	0.6	4.54	3.15	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	38
red mulberry	Morus rubra	NSL	Low	13.4	3.99	2.15	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	39
wild plum	Prunus americana	NSLX	FIA	0.9	2.37	2.5	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	40
water hickory	Carya aquatica	NSL	Medium	1.4	1.59	0.55	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	41
black cherry	Prunus serotina	WDL	Medium	0.9	1.52	1.6	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	42
shagbark hickory	Carya ovata	WSL	Medium	0.5	1.41	0.73	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	43
live oak	Quercus virginiana	NDH	High	4.7	1.34	1.92	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	44
black locust	Robinia pseudoacacia	NDH	Low	4.7	1.1	1.1	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	45
bur oak	Quercus macrocarpa	NDH	Medium	0.9	0.9	0.95	Very Lg. dec.	Very Lg. dec.	High	Rare	Lost	Lost			0	46
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	47
pin cherry	Prunus pensylvanica	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	48
American basswood	Tilia americana	WSL	Medium	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	49