

Current and Potential Future Habitat, Capability, and Migration

Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngC45	ChngC85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
post oak	Quercus stellata	WDH	High	85.5	832.98	28.5	Sm. dec.	Sm. dec.	High	Abundant	Good	Good			1	1
water oak	Quercus nigra	WDH	High	61.9	288.98	9.02	No change	No change	Medium	Common	Fair	Fair			1	2
winged elm	Ulmus alata	WDL	Medium	46.2	240.84	11.24	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	3
cedar elm	Ulmus crassifolia	NDH	Medium	63.9	230.94	13.11	No change	No change	Low	Common	Poor	Poor			0	4
eastern redcedar	Juniperus virginiana	WDH	Medium	61.3	179.45	9	No change	Sm. inc.	Medium	Common	Fair	Good			1	5
pecan	Carya illinoensis	NSH	Low	20.1	87.08	8.21	No change	No change	Low	Common	Poor	Poor			0	6
American elm	Ulmus americana	WDH	Medium	34.2	84.01	9.53	No change	No change	Medium	Common	Fair	Fair			1	7
sugarberry	Celtis laevigata	NDH	Medium	47.8	77.19	4.28	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	8
blackjack oak	Quercus marilandica	NSL	Medium	46.7	75.96	5.02	No change	No change	High	Common	Good	Good			1	9
Osage-orange	Maclura pomifera	NDH	Medium	23.8	69.83	3.83	Lg. dec.	Sm. dec.	High	Common	Fair	Fair			1	10
green ash	Fraxinus pennsylvanica	WSH	Low	34.1	55.25	5.08	No change	No change	Medium	Common	Fair	Fair			1	11
white ash	Fraxinus americana	WDL	Medium	21.6	44.66	4.81	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	12
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp	NSL	Low	21.6	38.99	2.46	Sm. dec.	No change	High	Rare	Poor	Fair			1	13
black hickory	Carya texana	NDL	High	21.5	30.05	2.82	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	14
honeylocust	Gleditsia triacanthos	NSH	Low	11.5	27.92	3.46	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor		Infill +	1	15
mockernut hickory	Carya alba	WDL	Medium	13.5	21.67	4.05	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	16
willow oak	Quercus phellos	NSL	Low	12.8	19.41	5.75	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	17
common persimmon	Diospyros virginiana	NSL	Low	0.6	18.7	1.77	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			0	18
loblolly pine	Pinus taeda	WDH	High	10.2	17.2	5.84	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	19
live oak	Quercus virginiana	NDH	High	18.7	12.89	5.15	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	20
water hickory	Carya aquatica	NSL	Medium	5.5	10.84	2.38	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	21
black walnut	Juglans nigra	WDH	Low	4.8	10.81	5.09	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	22
water elm	Planera aquatica	NSL	Low	0.5	9.73	5.22	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	23
black willow	Salix nigra	NSH	Low	1.9	7.56	4.03	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	24
slippery elm	Ulmus rubra	WSL	Low	11.4	7	2.27	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	25
eastern cottonwood	Populus deltoides	NSH	Low	6.2	6.78	12.89	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	26
southern red oak	Quercus falcata	WDL	Medium	3.6	6.19	1.61	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	27
American holly	Ilex opaca	NSL	Medium	1.1	4.67	1.34	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	28
red mulberry	Morus rubra	NSL	Low	14.9	4.59	2.16	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	29
laurel oak	Quercus laurifolia	NDH	Medium	0.3	4.49	1.63	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	30
eastern redbud	Cercis canadensis	NSL	Low	2.8	3.27	1.07	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	31
hackberry	Celtis occidentalis	WDH	Medium	6.1	2.98	5.18	Sm. dec.	No change	High	Rare	Poor	Fair		Infill +	1	32
Shumard oak	Quercus shumardii	NSL	Low	4.2	2.67	2.15	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	33
sweetgum	Liquidambar styraciflua	WDH	High	1.6	2.58	1.31	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	34
bluejack oak	Quercus incana	NSL	Low	0.5	1.93	1.03	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	35
river birch	Betula nigra	NSL	Low	0.9	1.69	1.8	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	36
shagbark hickory	Carya ovata	WSL	Medium	0.5	1.39	0.74	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	37
boxelder	Acer negundo	WSH	Low	9.4	1.37	1.52	No change	No change	High	Rare	Fair	Fair			0	38
durand oak	Quercus sinuata var. sinuata	NSL	FIA	4.9	0.99	1.33	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	39
sassafras	Sassafras albidum	WSL	Low	2	0.53	0.34	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	40
black oak	Quercus velutina	WDH	High	2.3	0.47	1.23	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	41
bitternut hickory	Carya cordiformis	WSL	Low	6.7	0.44	0.89	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	42
bur oak	Quercus macrocarpa	NDH	Medium	0.1	0.39	0.04	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	43
flowering dogwood	Cornus florida	WDL	Medium	5.3	0.3	0.18	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	44
pignut hickory	Carya glabra	WDL	Medium	3.8	0.24	1.04	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	45
blackgum	Nyssa sylvatica	WDL	Medium	3.8	0.23	0.96	No change	Sm. inc.	High	Rare	Fair	Good	Infill +		2	46
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Likely +	Likely +	3	47
shellbark hickory	Carya laciniosa	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	48
redbay	Persea borbonia	NSL	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	49
black locust	Robinia pseudoacacia	NDH	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	50