

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
slash pine	Pinus elliotii	NDH	High	89.3	3812.66	28.87	No change	No change	Medium	Abundant	Good	Good			1	1
laurel oak	Quercus laurifolia	NDH	Medium	84.9	1100.47	7.63	Sm. dec.	Sm. dec.	Medium	Abundant	Fair	Fair			0	2
pond cypress	Taxodium ascendens	NSH	Medium	60.3	863.5	10.85	Sm. inc.	Lg. inc.	Medium	Abundant	Very Good	Very Good			1	3
sweetgum	Liquidambar styraciflua	WDH	High	69.3	565.7	4.87	Sm. dec.	Sm. dec.	Medium	Abundant	Fair	Fair			0	4
live oak	Quercus virginiana	NDH	High	55.9	505.98	4.93	Lg. inc.	Lg. inc.	Medium	Abundant	Very Good	Very Good			1	5
loblolly pine	Pinus taeda	WDH	High	46.4	502.08	8.1	Sm. inc.	Sm. inc.	Medium	Abundant	Very Good	Very Good			1	6
bald cypress	Taxodium distichum	NSH	Medium	56.9	485.05	5.33	No change	No change	Medium	Common	Fair	Fair			1	7
swamp tupelo	Nyssa biflora	NDH	Medium	65	468.27	5.01	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	8
cabbage palmetto	Sabal palmetto	NDH	Medium	44.5	438.12	5.55	Lg. inc.	Lg. inc.	NA	Common	Unknown	Unknown			0	9
water oak	Quercus nigra	WDH	High	65.2	402.59	3.72	No change	No change	Medium	Common	Fair	Fair			1	10
red maple	Acer rubrum	WDH	High	77.1	374.05	3.34	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			1	11
sand pine	Pinus clausa	NDH	High	7.2	214.1	20.68	No change	No change	Low	Common	Poor	Poor	Infill +		0	12
green ash	Fraxinus pennsylvanica	WSH	Low	32.3	204.57	3.16	Sm. dec.	No change	Medium	Common	Poor	Fair			1	13
redbay	Persea borbonia	NSL	Low	43.7	163.99	2.26	No change	Sm. inc.	High	Common	Good	Very Good			1	14
sweetbay	Magnolia virginiana	NSL	Medium	41.7	151.41	2.31	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	15
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	36.1	124.39	2.49	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	16
pumpkin ash	Fraxinus profunda	NSH	FIA	26.2	122.02	4.08	Unknown	Unknown	NA	Common	FIA Only	FIA Only			0	17
American elm	Ulmus americana	WDH	Medium	62.2	116.75	1.33	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	18
water tupelo	Nyssa aquatica	NSH	Medium	8.3	115.68	5.38	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor	Infill +		0	19
loblolly-bay	Gordonia lasianthus	NSH	Medium	6.8	67.06	6.3	No change	No change	Medium	Common	Fair	Fair	Infill +	Infill +	1	20
eastern redcedar	Juniperus virginiana	WDH	Medium	18.6	54.17	2.31	Lg. dec.	Lg. dec.	Medium	Common	Poor	Poor	Infill +		0	21
Carolina ash	Fraxinus caroliniana	NSL	FIA	16.7	51.66	2.31	Unknown	Unknown	NA	Common	FIA Only	FIA Only			0	22
southern magnolia	Magnolia grandiflora	NSL	Low	9.1	44.64	1.86	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	23
turkey oak	Quercus laevis	NSH	Medium	13.3	30.09	2.09	Lg. inc.	Sm. inc.	High	Rare	Good	Good			1	24
pond pine	Pinus serotina	NSH	Medium	2.8	28.54	10.12	No change	No change	Low	Rare	Very Poor	Very Poor			0	25
longleaf pine	Pinus palustris	NSH	Medium	8.6	25.92	3.07	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			1	26
pignut hickory	Carya glabra	WDL	Medium	7.8	24.17	1.05	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	27
swamp chestnut oak	Quercus michauxii	NSL	Low	1.9	23.07	5.59	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	28
blackgum	Nyssa sylvatica	WDL	Medium	11.7	21.32	0.73	Lg. inc.	Lg. inc.	High	Rare	Good	Good			1	29
white ash	Fraxinus americana	WDL	Medium	2.8	20.39	7.23	Sm. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	30
American holly	Ilex opaca	NSL	Medium	4.2	20.3	3.22	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	31
common persimmon	Diospyros virginiana	NSL	Low	15.6	20.25	0.53	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			1	32
black cherry	Prunus serotina	WDL	Medium	7.3	18.81	0.95	No change	No change	Low	Rare	Very Poor	Very Poor			0	33
red mulberry	Morus rubra	NSL	Low	1.4	13.25	2.3	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	34
slippery elm	Ulmus rubra	WSL	Low	3.8	8.74	1.08	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	35
winged elm	Ulmus alata	WDL	Medium	6.1	7.92	0.6	Lg. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	36
hackberry	Celtis occidentalis	WDH	Medium	5.4	7.9	1.36	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	37
black willow	Salix nigra	NSH	Low	5.6	7.53	1.34	Sm. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	38
mockernut hickory	Carya alba	WDL	Medium	8.8	6.94	0.45	Lg. dec.	Very Lg. dec.	High	Rare	Poor	Lost			1	39
bluejack oak	Quercus incana	NSL	Low	7.8	6.35	0.69	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	40
southern red oak	Quercus falcata	WDL	Medium	1.3	4.79	0.81	Lg. dec.	Sm. dec.	High	Rare	Poor	Poor		Infill +	2	41
post oak	Quercus stellata	WDH	High	1.3	4.43	0.75	Very Lg. dec.	Lg. inc.	High	Rare	Lost	Good			2	42
flowering dogwood	Cornus florida	WDL	Medium	6.7	4.03	0.38	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	43
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	1.9	3.58	0.87	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor			0	44
river birch	Betula nigra	NSL	Low	1.4	2.96	0.53	No change	No change	Medium	Rare	Poor	Poor			0	45
black locust	Robinia pseudoacacia	NDH	Low	2.8	2.17	0.77	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	46
water elm	Planera aquatica	NSL	Low	2.8	1.78	0.61	Very Lg. dec.	Very Lg. dec.	Medium	Rare	Lost	Lost			0	47
sugarberry	Celtis laevigata	NDH	Medium	2.8	0.93	0.32	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	48
eastern redbud	Cercis canadensis	NSL	Low	2.8	0.79	0.28	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	49
Atlantic white-cedar	Chamaecyparis thyoides	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	50
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	51
spruce pine	Pinus glabra	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	52
striped maple	Acer pensylvanicum	NSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	53

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pawpaw	Asimina triloba	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	54
shagbark hickory	Carya ovata	WSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	55
American beech	Fagus grandifolia	WDH	High	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	56
silverbell	Halesia spp.	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	57
Osage-orange	Maclura pomifera	NDH	Medium	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	58
bigleaf magnolia	Magnolia macrophylla	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	59
sourwood	Oxydendrum arboreum	NDL	High	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	60
overcup oak	Quercus lyrata	NSL	Medium	0	0	0	Unknown	Unknown	Low	Modeled	Unknown	Unknown			0	61
nuttall oak	Quercus texana	NSH	Medium	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	62
American basswood	Tilia americana	WSL	Medium	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	63
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate +	3	64