

Current and Potential Future Habitat, Capability, and Migration

	sq. km	sq. mi	FIA Plots
Area of Region	521,471	201,341	14,914

Species Information

The columns below provide brief summaries of the species associated with the region and described in the table on the next pages. Definitions are provided in the Excel file for this region.

Genus	Species	Abundance		Model		Potential Change in Habitat Suitability		Capability to Cope or Persist		Migration Potential				
				Reliability	Adaptability	Scenario	Scenario	Scenario	Scenario	SHIFT	SHIFT			
				High	30	Increase	RCP45	RCP85	Very Good	12	13	Likely	1	1
Ash	3			Medium	46	No Change	40	31	Good	17	25	Infill	24	17
Hickory	6			Low	47	Decrease	24	26	Fair	16	14	Migrate	5	7
Maple	8	Abundant	2	FIA	17	New	24	24	Poor	34	26			
Oak	21	Common	29			Unknown	18	18	Very Poor	18	19			
Pine	10	Rare	84						FIA Only	10	10			
Other	67	Absent	25						Unknown	2	2			
	<b>115</b>		<b>140</b>		<b>140</b>		<b>140</b>	<b>140</b>		<b>109</b>	<b>109</b>		<b>30</b>	<b>25</b>

Potential Changes in Climate Variables

Temperature (°F)

	Scenario	2009	2039	2069	2099	
Annual Average	CCSM45	47.1	49.0	51.3	51.5	
	CCSM85	47.1	49.5	52.1	55.2	
	GFDL45	47.1	50.4	53.2	54.5	
	GFDL85	47.1	50.6	54.5	59.0	
	HAD45	47.1	50.0	53.3	54.9	
Growing Season (May—Sep)	CCSM45	64.0	66.0	67.9	68.3	
	CCSM85	64.0	66.2	68.7	72.6	
	GFDL45	64.0	67.6	70.9	72.4	
	GFDL85	64.0	68.0	72.4	77.2	
	HAD45	64.0	67.1	69.9	72.1	
Coldest Month (Average)	CCSM45	21.1	22.9	24.8	25.1	
	CCSM85	21.1	23.9	25.1	27.2	
	GFDL45	21.1	24.2	25.9	26.8	
	GFDL85	21.1	24.6	26.4	28.6	
	HAD45	21.1	23.0	25.7	26.1	
Warmest Month (Average)	CCSM45	69.9	72.2	73.3	73.5	
	CCSM85	69.9	72.5	74.2	76.2	
	GFDL45	69.9	73.0	75.1	76.3	
	GFDL85	69.9	74.1	76.7	79.5	
	HAD45	69.9	73.3	75.0	76.4	
HAD85	69.9	73.4	76.3	80.2		

Precipitation (in)

	Scenario	2009	2039	2069	2099	
Annual Total	CCSM45	44.8	45.6	45.4	48.9	
	CCSM85	44.8	46.5	47.7	50.3	
	GFDL45	44.8	49.2	51.5	51.0	
	GFDL85	44.8	47.0	50.9	52.6	
	HAD45	44.8	47.0	48.6	48.1	
Growing Season (May—Sep)	CCSM45	20.4	21.5	20.8	22.2	
	CCSM85	20.4	21.2	21.6	21.6	
	GFDL45	20.4	21.1	20.9	21.2	
	GFDL85	20.4	20.4	20.8	20.5	
	HAD45	20.4	21.5	20.3	20.7	
HAD85	20.4	21.1	19.6	20.7		

**NOTE:** For the six climate variables, four 30-year periods are used to indicate six potential future trajectories. The period ending in 2009 is based on modeled observations from the PRISM Climate Group and the three future periods were obtained from the NASA NEX-DCP30 dataset. Future climate projections from three models under two emission scenarios show estimates of each climate variable within the region. The three models are CCSM4, GFDL CM3, and HadGEM2-ES and the emission scenarios are the 4.5 and 8.5 RCP. The average value for the region is reported, even though locations within the region may vary substantially based on latitude, elevation, land-use, or other factors.

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Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
red maple	Acer rubrum	WDH	High	86.1	1362.3	16.1	No change	Sm. dec.	High	Abundant	Very Good	Good			1	1
sugar maple	Acer saccharum	WDH	High	59.4	743.5	12.6	No change	No change	High	Abundant	Very Good	Very Good			1	2
eastern white pine	Pinus strobus	WDH	High	38.5	461.3	12.0	No change	Sm. dec.	Low	Common	Poor	Poor			0	3
American beech	Fagus grandifolia	WDH	High	51.9	420.5	8.3	No change	No change	Medium	Common	Fair	Fair			0	4
eastern hemlock	Tsuga canadensis	NSH	High	39.3	414.0	10.7	No change	Sm. dec.	Low	Common	Poor	Poor			0	5
black cherry	Prunus serotina	WDL	Medium	51.1	411.0	8.7	No change	No change	Low	Common	Poor	Poor			0	6
balsam fir	Abies balsamea	NDH	High	24.2	407.7	15.6	Lg. dec.	Lg. dec.	Low	Common	Very Poor	Very Poor			0	7
northern red oak	Quercus rubra	WDH	Medium	48.1	392.9	8.5	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			0	8
white ash	Fraxinus americana	WDL	Medium	55	367.2	7.1	No change	No change	Low	Common	Poor	Poor			0	9
yellow birch	Betula alleghaniensis	NDL	High	39.7	267.1	6.7	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	10
red spruce	Picea rubens	NDH	High	25.2	252.3	9.4	Sm. dec.	Sm. dec.	Low	Common	Poor	Poor			0	11
white oak	Quercus alba	WDH	Medium	31.2	250.5	8.3	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	12
chestnut oak	Quercus prinus	NDH	High	22.6	248.7	11.5	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	13
sweet birch	Betula lenta	NDH	High	31.3	202.1	6.8	No change	No change	Low	Common	Poor	Poor			0	14
yellow-poplar	Liriodendron tulipifera	WDH	High	20.3	198.4	10.5	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			0	15
paper birch	Betula papyrifera	WDH	High	27.7	153.6	5.2	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	16
quaking aspen	Populus tremuloides	WDH	High	23.7	144.6	6.1	No change	No change	Medium	Common	Fair	Fair			1	17
northern white-cedar	Thuja occidentalis	WSH	High	13.1	144.3	10.4	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	2	18
black oak	Quercus velutina	WDH	High	25.5	142.1	5.9	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	19
American elm	Ulmus americana	WDH	Medium	22.5	109.0	5.2	No change	Sm. inc.	Medium	Common	Fair	Good			1	20
black locust	Robinia pseudoacacia	NDH	Low	15.6	106.1	7.1	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			0	21
scarlet oak	Quercus coccinea	WDL	Medium	16.5	94.0	5.9	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	1	22
pitch pine	Pinus rigida	NSH	High	6.5	78.7	12.2	Sm. dec.	No change	Medium	Common	Poor	Fair	Infill +	Infill +	1	23
blackgum	Nyssa sylvatica	WDL	Medium	21.3	78.6	3.9	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			0	24
pignut hickory	Carya glabra	WDL	Medium	19.6	74.3	4.0	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			0	25
American basswood	Tilia americana	WSL	Medium	18.2	70.9	4.1	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			0	26
bigtooth aspen	Populus grandidentata	NSL	Medium	16.3	67.5	4.1	Sm. inc.	No change	Medium	Common	Good	Fair			0	27
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	25.3	57.5	2.4	Sm. inc.	Sm. inc.	High	Common	Very Good	Very Good			0	28
sassafras	Sassafras albidum	WSL	Low	17.7	54.1	3.4	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			0	29
shagbark hickory	Carya ovata	WSL	Medium	15.6	51.8	3.6	Sm. inc.	Lg. inc.	Medium	Common	Good	Very Good			0	30
white spruce	Picea glauca	NSL	Medium	10.4	50.6	4.3	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	31
loblolly pine	Pinus taeda	WDH	High	2	49.1	22.8	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +		2	32
green ash	Fraxinus pennsylvanica	WSH	Low	6.3	49.1	10.0	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	33
black spruce	Picea mariana	NSH	High	4.8	47.5	9.1	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	34
sweetgum	Liquidambar styraciflua	WDH	High	3.6	46.3	14.2	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +		2	35
Virginia pine	Pinus virginiana	NDH	High	5.5	46.3	7.9	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	36
black walnut	Juglans nigra	WDH	Low	9.5	46.0	6.4	No change	No change	Medium	Rare	Poor	Poor			0	37
striped maple	Acer pensylvanicum	NSL	Medium	23	44.1	1.9	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	38
mockernut hickory	Carya alba	WDL	Medium	11.2	40.5	3.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good			0	39
bitternut hickory	Carya cordiformis	WSL	Low	11	39.5	4.2	Sm. inc.	Lg. inc.	High	Rare	Good	Good			0	40
red pine	Pinus resinosa	NSH	Medium	4.9	36.0	7.7	No change	No change	Low	Rare	Very Poor	Very Poor			0	41
eastern redcedar	Juniperus virginiana	WDH	Medium	5.3	34.0	7.8	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	2	42
gray birch	Betula populifolia	NSL	Low	10.5	31.1	2.9	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	43
Norway spruce	Picea abies	NSH	FIA	3.8	31.1	9.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	44
boxelder	Acer negundo	WSH	Low	5.3	28.8	8.0	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	1	45
Scots pine	Pinus sylvestris	NSH	FIA	3.1	27.0	9.7	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	46
silver maple	Acer saccharinum	NSH	Low	2.7	26.3	13.4	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	47

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Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
sycamore	Platanus occidentalis	NSL	Low	4.3	25.1	6.0	No change	Sm. inc.	Medium	Rare	Poor	Fair			0	48
serviceberry	Amelanchier spp.	NSL	Low	15.5	24.7	1.6	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	49
pin cherry	Prunus pensylvanica	NSL	Low	10.5	24.5	2.3	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	50
slippery elm	Ulmus rubra	WSL	Low	6.8	24.0	3.5	No change	No change	Medium	Rare	Poor	Poor			0	51
tamarack (native)	Larix laricina	NSH	High	4.9	23.7	4.4	No change	No change	Low	Rare	Very Poor	Very Poor			2	52
black ash	Fraxinus nigra	WSH	Medium	7.1	22.2	3.0	No change	No change	Low	Rare	Very Poor	Very Poor			0	53
American hornbeam; muscley	Carpinus caroliniana	WSL	Low	11.5	21.2	2.0	No change	Lg. inc.	Medium	Rare	Poor	Good			0	54
cucumbertree	Magnolia acuminata	NSL	Low	7.1	16.9	2.3	No change	No change	Medium	Rare	Poor	Poor			0	55
eastern cottonwood	Populus deltoides	NSH	Low	1.6	16.9	12.3	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	56
black willow	Salix nigra	NSH	Low	2	16.7	10.1	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	57
sourwood	Oxydendrum arboreum	NDL	High	4.2	16.1	3.3	No change	No change	High	Rare	Fair	Fair			0	58
American holly	Ilex opaca	NSL	Medium	2.5	14.1	5.5	No change	No change	Medium	Rare	Poor	Poor			0	59
ailanthus	Ailanthus altissima	NSL	FIA	4.4	13.2	4.0	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	60
swamp white oak	Quercus bicolor	NSL	Low	2.2	11.1	7.4	No change	No change	Medium	Rare	Poor	Poor			0	61
balsam poplar	Populus balsamifera	NSH	Medium	2.4	10.3	4.1	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	62
yellow buckeye	Aesculus flava	NSL	Low	2	9.4	4.2	No change	Sm. dec.	Low	Rare	Very Poor	Very Poor			0	63
pin oak	Quercus palustris	NSH	Low	2.1	9.1	7.5	No change	No change	Low	Rare	Very Poor	Very Poor			0	64
flowering dogwood	Cornus florida	WDL	Medium	6.2	8.2	1.3	No change	Sm. inc.	Medium	Rare	Poor	Fair			0	65
Atlantic white-cedar	Chamaecyparis thyoides	NSH	Low	0.6	7.6	13.1	Sm. dec.	Sm. dec.	Low	Rare	Very Poor	Very Poor			2	66
Norway maple	Acer platanoides	NSL	FIA	2.5	7.3	5.7	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	67
hackberry	Celtis occidentalis	WDH	Medium	2.1	7.1	4.1	No change	Sm. inc.	High	Rare	Fair	Good	Infill +		2	68
southern red oak	Quercus falcata	WDL	Medium	1.8	7.1	4.2	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	69
butternut	Juglans cinerea	NSLX	FIA	1.9	5.8	3.2	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	70
eastern redbud	Cercis canadensis	NSL	Low	2.4	4.7	1.6	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good			0	71
chokecherry	Prunus virginiana	NSLX	FIA	1.9	4.3	2.5	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	72
bur oak	Quercus macrocarpa	NDH	Medium	0.9	4.3	7.0	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	73
willow oak	Quercus phellos	NSL	Low	1	4.1	3.8	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	74
mountain maple	Acer spicatum	NSL	Low	3.9	3.7	0.9	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			0	75
bear oak; scrub oak	Quercus ilicifolia	NSLX	FIA	1.2	3.2	3.0	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	76
post oak	Quercus stellata	WDH	High	0.9	3.1	3.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	77
Table Mountain pine	Pinus pungens	NSL	Low	0.6	3.0	3.4	No change	No change	High	Rare	Fair	Fair			0	78
shingle oak	Quercus imbricaria	NDH	Medium	0.4	2.9	6.2	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	79
pawpaw	Asimina triloba	NSL	Low	1.3	2.7	1.7	Sm. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	80
mountain or Fraser magnolia	Magnolia fraseri	NSL	Low	1.2	2.6	2.1	No change	No change	NA	Rare	Unknown	Unknown			0	81
shortleaf pine	Pinus echinata	WDH	High	0.5	2.6	4.2	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	82
common persimmon	Diospyros virginiana	NSL	Low	1	2.2	2.1	Sm. inc.	Lg. inc.	High	Rare	Good	Good			0	83
American mountain-ash	Sorbus americana	NSL	Low	2.7	2.2	0.8	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	84
paulownia	Paulownia tomentosa	NSL	FIA	0.8	2.1	4.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	85
Osage-orange	Maclura pomifera	NDH	Medium	0.5	2.1	7.3	Sm. dec.	Sm. inc.	High	Rare	Poor	Good	Infill +		2	86
swamp chestnut oak	Quercus michauxii	NSL	Low	0.8	2.0	3.1	No change	No change	Medium	Rare	Poor	Poor			0	87
river birch	Betula nigra	NSL	Low	0.5	1.8	5.2	No change	No change	Medium	Rare	Poor	Poor			0	88
black maple	Acer nigrum	NSH	Low	0.4	1.8	3.7	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			0	89
cherrybark oak; swamp red o.	Quercus pagoda	NSL	Medium	0.3	1.7	5.4	No change	Lg. inc.	Medium	Rare	Poor	Good	Infill +		2	90
sweetbay	Magnolia virginiana	NSL	Medium	1	1.6	1.8	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +		2	91
American chestnut	Castanea dentata	NSLX	FIA	1.6	1.3	0.8	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	92
jack pine	Pinus banksiana	NSH	Medium	0.1	1.3	7.9	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	93
water oak	Quercus nigra	WDH	High	0.6	1.2	2.4	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	94

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chinkapin oak	Quercus muehlenbergii	NSL	Medium	0.3	0.9	2.6	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			0	95
white mulberry	Morus alba	NSL	FIA	0.5	0.8	4.0	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	96
red mulberry	Morus rubra	NSL	Low	0.4	0.8	4.8	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	97
honeylocust	Gleditsia triacanthos	NSH	Low	0.1	0.7	4.4	No change	Lg. inc.	High	Rare	Fair	Good	Infill +		2	98
Siberian elm	Ulmus pumila	NDH	FIA	0	0.7	17.1	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	99
blackjack oak	Quercus marilandica	NSL	Medium	0.2	0.5	2.1	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	100
bald cypress	Taxodium distichum	NSH	Medium	0.1	0.3	5.5	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	101
shellbark hickory	Carya laciniosa	NSL	Low	0.1	0.3	1.6	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	102
wild plum	Prunus americana	NSLX	FIA	0.1	0.3	4.1	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	103
northern pin oak	Quercus ellipsoidalis	NSH	Medium	0.2	0.3	4.8	Sm. inc.	No change	High	Rare	Good	Fair			0	104
pond pine	Pinus serotina	NSH	Medium	0	0.1	5.3	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	2	105
Ohio buckeye	Aesculus glabra	NSL	Low	0.1	0.1	0.8	Sm. dec.	Sm. dec.	Medium	Rare	Very Poor	Very Poor			0	106
northern catalpa	Catalpa speciosa	NSHX	FIA	0.1	0.1	2.1	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	107
sand hickory	Carya pallida	NSL	FIA	0.1	0.1	1.0	Unknown	Unknown	NA	Rare	FIA Only	FIA Only			0	108
peachleaf willow	Salix amygdaloides	NSLX	FIA	0	0.1	3.8	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	109
overcup oak	Quercus lyrata	NSL	Medium	0	0.1	1.5	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	2	110
Kentucky coffeetree	Gymnocladus dioicus	NSLX	FIA	0	0.0	2.1	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	111
rock elm	Ulmus thomasii	NSLX	FIA	0.1	0.0	2.3	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	112
sugarberry	Celtis laevigata	NDH	Medium	0	0.0	1.5	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	113
bigleaf magnolia	Magnolia macrophylla	NSL	Low	0	0.0	0.5	No change	Sm. dec.	Medium	Rare	Poor	Very Poor			0	114
laurel oak	Quercus laurifolia	NDH	Medium	0.1	0.0	1.2	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	115
ashe juniper	Juniperus ashei	NDH	High	0	0	0	New Habitat	New Habitat	NA	Absent	New Habitat	New Habitat			0	116
sand pine	Pinus clausa	NDH	High	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	117
slash pine	Pinus elliottii	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	118
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate ++	Migrate ++	3	119
pond cypress	Taxodium ascendens	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	120
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	121
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp.	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	122
water hickory	Carya aquatica	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	123
pecan	Carya illinoensis	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat		Migrate ++	3	124
black hickory	Carya texana	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			2	125
blue ash	Fraxinus quadrangulata	NSL	Low	0	0	0	Unknown	Unknown	Low	Absent	Unknown	Unknown			0	126
loblolly-bay	Gordonia lasianthus	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	127
silverbell	Halesia spp.	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	128
southern magnolia	Magnolia grandiflora	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	129
water tupelo	Nyssa aquatica	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	130
swamp tupelo	Nyssa biflora	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat	Likely +	Likely +	3	131
redbay	Persea borbonia	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	132
water elm	Planera aquatica	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	133
turkey oak	Quercus laevis	NSH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	134
Nuttall oak	Quercus texana	NSH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	135
Shumard oak	Quercus shumardii	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	136
live oak	Quercus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	137
bluejack oak	Quercus incana	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	138
winged elm	Ulmus alata	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	139
cedar elm	Ulmus crassifolia	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	140