

	sq. km	sq. mi	FIA Plots
Area of Region	213,828	82,559	7,231

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				
		Abundant	Common	Reliability	Adaptability	Scenario	Scenario	Scenario	Scenario	SHIFT	SHIFT			
				High	30	RCP45	RCP85	Very Good	7	RCP45	RCP85			
Ash	3			Medium	40	Increase	28	35	Good	17	24	Likely	0	0
Hickory	5			Low	46	No Change	25	20	Fair	20	16	Infill	27	26
Maple	7	Abundant	8	FIA	11	Decrease	15	13	Poor	16	14	Migrate	4	11
Oak	12	Common	18			New	39	42	Very Poor	8	7			
Pine	5	Rare	53			Unknown	17	14	FIA Only	6	6			
Other	47	Absent	44						Unknown	6	3			
	79		123				124	124		80	77		31	37

Potential Changes in Climate Variables

Temperature (°F)

Scenario	2009	2039	2069	2099		
Annual	CCSM45	43.3	45.2	47.5	47.7	
Average	CCSM85	43.3	45.8	48.4	51.6	
	GFDL45	43.3	46.4	49.7	51.1	
	GFDL85	43.3	46.8	51.1	56.1	
	HAD45	43.3	46.4	49.5	51.3	
	HAD85	43.3	46.5	50.7	56.2	
Growing Season	CCSM45	61.2	63.3	65.1	65.5	
	CCSM85	61.2	63.5	66.0	69.7	
May—Sep	GFDL45	61.2	64.6	68.1	69.7	
	GFDL85	61.2	65.0	69.6	74.7	
	HAD45	61.2	64.2	66.9	69.1	
	HAD85	61.2	63.8	68.4	74.2	
Coldest Month	CCSM45	15.3	16.9	18.9	19.3	
	CCSM85	15.3	18.1	19.4	21.8	
Average	GFDL45	15.3	18.3	20.8	22.0	
	GFDL85	15.3	19.2	21.6	24.5	
	HAD45	15.3	17.9	20.7	21.2	
	HAD85	15.3	19.3	21.8	25.3	
Warmest Month	CCSM45	67.5	69.7	70.9	70.9	
	CCSM85	67.5	70.1	71.8	73.7	
Average	GFDL45	67.5	70.5	72.4	73.7	
	GFDL85	67.5	71.1	73.9	76.7	
	HAD45	67.5	70.6	72.0	73.4	
	HAD85	67.5	70.3	72.9	76.9	

Precipitation (in)

Scenario	2009	2039	2069	2099		
Annual	CCSM45	46.3	45.5	44.5	49.5	
Total	CCSM85	46.3	46.9	47.6	49.7	
	GFDL45	46.3	50.5	53.0	51.6	
	GFDL85	46.3	49.0	51.6	53.4	
	HAD45	46.3	49.1	51.9	51.2	
	HAD85	46.3	50.5	50.5	53.7	
Growing Season	CCSM45	20.4	20.6	19.2	21.0	
	CCSM85	20.4	20.6	20.8	20.1	
May—Sep	GFDL45	20.4	20.4	19.9	19.8	
	GFDL85	20.4	20.6	19.9	19.0	
	HAD45	20.4	21.6	21.3	22.0	
	HAD85	20.4	21.0	20.8	22.3	

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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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
red maple	Acer rubrum	WDH	High	92.3	1473.0	15.1	No change	No change	High	Abundant	Very Good	Very Good			1	1
balsam fir	Abies balsamea	NDH	High	58.9	990.2	15.8	Lg. dec.	Lg. dec.	Low	Abundant	Poor	Poor			0	2
sugar maple	Acer saccharum	WDH	High	67	843.8	11.9	No change	No change	High	Abundant	Very Good	Very Good			1	3
eastern white pine	Pinus strobus	WDH	High	59	802.0	13.1	No change	No change	Low	Abundant	Fair	Fair			0	4
eastern hemlock	Tsuga canadensis	NSH	High	53.3	619.1	11.3	No change	No change	Low	Abundant	Fair	Fair			0	5
American beech	Fagus grandifolia	WDH	High	64.9	602.5	9.1	No change	No change	Medium	Abundant	Good	Good			1	6
red spruce	Picea rubens	NDH	High	58.2	588.8	9.6	Sm. dec.	Sm. dec.	Low	Abundant	Fair	Fair			0	7
yellow birch	Betula alleghaniensis	NDL	High	70.2	524.0	7.2	Sm. dec.	Sm. dec.	Medium	Abundant	Fair	Fair			0	8
northern red oak	Quercus rubra	WDH	Medium	38.5	365.9	8.9	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	9
paper birch	Betula papyrifera	WDH	High	63.3	360.1	5.3	No change	Sm. dec.	Medium	Common	Fair	Poor			1	10
northern white-cedar	Thuja occidentalis	WSH	High	31.7	348.7	10.4	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	11
white ash	Fraxinus americana	WDL	Medium	53.1	299.6	5.2	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair			1	12
quaking aspen	Populus tremuloides	WDH	High	38.8	214.1	5.1	Sm. inc.	Sm. inc.	Medium	Common	Good	Good			1	13
black cherry	Prunus serotina	WDL	Medium	38.1	181.1	4.5	Lg. inc.	Lg. inc.	Low	Common	Good	Good			1	14
sweet birch	Betula lenta	NDH	High	18.4	127.4	6.6	Sm. inc.	Sm. inc.	Low	Common	Fair	Fair	Infill +	Infill +	1	15
American elm	Ulmus americana	WDH	Medium	21.2	117.5	5.1	No change	Sm. inc.	Medium	Common	Fair	Good			1	16
black spruce	Picea mariana	NSH	High	11.8	113.5	9.0	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor	Infill +	Infill +	0	17
white spruce	Picea glauca	NSL	Medium	23.5	102.1	3.8	No change	No change	Medium	Common	Fair	Fair			1	18
black oak	Quercus velutina	WDH	High	12.9	94.1	7.1	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good	Infill ++	Infill ++	2	19
bigtooth aspen	Populus grandidentata	NSL	Medium	22.7	84.8	3.5	Lg. inc.	Lg. inc.	Medium	Common	Very Good	Very Good			1	20
white oak	Quercus alba	WDH	Medium	14.9	83.3	5.5	Lg. inc.	Lg. inc.	High	Common	Very Good	Very Good	Infill ++	Infill ++	1	21
striped maple	Acer pensylvanicum	NSL	Medium	40.1	78.3	1.9	Sm. dec.	Sm. dec.	Medium	Common	Poor	Poor			0	22
gray birch	Betula populifolia	NSL	Low	22.1	66.2	2.9	No change	No change	Medium	Common	Fair	Fair			1	23
eastern hophornbeam; ironw	Ostrya virginiana	WSL	Low	26.5	62.2	2.2	Sm. inc.	Lg. inc.	High	Common	Very Good	Very Good			1	24
tamarack (native)	Larix laricina	NSH	High	11.4	54.8	4.4	Sm. dec.	No change	Low	Common	Poor	Poor	Infill +	Infill +	0	25
scarlet oak	Quercus coccinea	WDL	Medium	7.6	53.8	7.3	No change	Sm. inc.	Medium	Common	Fair	Good	Infill +	Infill ++	2	26
red pine	Pinus resinosa	NSH	Medium	6.6	45.0	6.5	No change	No change	Low	Rare	Very Poor	Very Poor			2	27
black ash	Fraxinus nigra	WSH	Medium	14.7	43.6	2.8	Sm. inc.	Sm. inc.	Low	Rare	Poor	Poor	Infill +	Infill +	1	28
American basswood	Tilia americana	WSL	Medium	12.2	40.8	2.9	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	1	29
pin cherry	Prunus pensylvanica	NSL	Low	17.2	30.2	1.7	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	30
pitch pine	Pinus rigida	NSH	High	3.3	30.2	8.2	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	31
balsam poplar	Populus balsamifera	NSH	Medium	5.8	24.9	4.1	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	32
green ash	Fraxinus pennsylvanica	WSH	Low	4.2	24.0	4.9	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	33
bitternut hickory	Carya cordiformis	WSL	Low	4.7	22.9	4.3	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	34
pignut hickory	Carya glabra	WDL	Medium	5.5	22.4	3.8	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +	Infill ++	2	35
eastern redcedar	Juniperus virginiana	WDH	Medium	3.2	21.8	6.3	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	36
shagbark hickory	Carya ovata	WSL	Medium	5.5	20.5	3.1	Sm. inc.	Sm. inc.	Medium	Rare	Fair	Fair	Infill +	Infill +	2	37
Norway spruce	Picea abies	NSH	FIA	2	20.1	7.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	38
boxelder	Acer negundo	WSH	Low	0.9	17.5	15.1	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	39
silver maple	Acer saccharinum	NSH	Low	1.2	15.7	14.3	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	40
chestnut oak	Quercus prinus	NDH	High	2.4	13.2	4.3	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	41
black locust	Robinia pseudoacacia	NDH	Low	1.4	13.0	7.2	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	42
serviceberry	Amelanchier spp.	NSL	Low	8.8	12.1	1.2	No change	No change	Medium	Rare	Poor	Poor			1	43
blackgum	Nyssa sylvatica	WDL	Medium	3.5	10.5	2.8	Lg. inc.	Lg. inc.	High	Rare	Good	Good	Infill ++	Infill ++	2	44
Scots pine	Pinus sylvestris	NSH	FIA	1.4	10.5	6.8	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	45
eastern cottonwood	Populus deltoides	NSH	Low	0.9	9.3	9.5	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	46
mountain maple	Acer spicatum	NSL	Low	9.2	8.8	0.9	Lg. dec.	Lg. dec.	High	Rare	Poor	Poor			1	47

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Common Name	Scientific Name	Range	MR	%Cell	FIAsum	FIAiv	ChngCl45	ChngCl85	Adap	Abund	Capabil45	Capabil85	SHIFT45	SHIFT85	SSO	N
American hornbeam; muscle	Carpinus caroliniana	WSL	Low	5.5	7.9	1.3	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	1	48
swamp white oak	Quercus bicolor	NSL	Low	1.7	7.7	5.6	No change	Sm. inc.	Medium	Rare	Poor	Fair	Infill +	Infill +	2	49
black willow	Salix nigra	NSH	Low	0.7	7.2	9.2	Sm. dec.	No change	Low	Rare	Very Poor	Very Poor			2	50
bur oak	Quercus macrocarpa	NDH	Medium	0.9	6.6	8.0	Sm. dec.	Sm. dec.	High	Rare	Poor	Poor	Infill +	Infill +	2	51
black walnut	Juglans nigra	WDH	Low	0.3	6.1	21.4	Sm. inc.	Lg. inc.	Medium	Rare	Fair	Good	Infill +		2	52
slippery elm	Ulmus rubra	WSL	Low	1.1	5.9	5.8	No change	No change	Medium	Rare	Poor	Poor	Infill +	Infill +	2	53
chokecherry	Prunus virginiana	NSLX	FIA	1.7	5.7	2.1	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	54
yellow-poplar	Liriodendron tulipifera	WDH	High	1.2	5.6	4.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	55
sassafras	Sassafras albidum	WSL	Low	2.7	5.5	1.9	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good	Infill ++	Infill ++	2	56
mockernut hickory	Carya alba	WDL	Medium	1.7	5.4	2.6	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	57
butternut	Juglans cinerea	NSLX	FIA	1.6	5.1	2.8	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	58
American mountain-ash	Sorbus americana	NSL	Low	5.9	4.7	0.8	Lg. dec.	Lg. dec.	Low	Rare	Very Poor	Very Poor			0	59
Norway maple	Acer platanoides	NSL	FIA	1.1	4.0	4.9	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	60
sycamore	Platanus occidentalis	NSL	Low	0.2	2.0	10.1	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	61
Siberian elm	Ulmus pumila	NDH	FIA	0	1.6	33.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	62
American chestnut	Castanea dentata	NSLX	FIA	1.4	1.4	1.3	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	63
jack pine	Pinus banksiana	NSH	Medium	0.1	1.3	6.0	No change	No change	High	Rare	Fair	Fair	Infill +	Infill +	2	64
Atlantic white-cedar	Chamaecyparis thyoides	NSH	Low	0.4	1.3	3.0	No change	No change	Low	Rare	Very Poor	Very Poor			2	65
bear oak; scrub oak	Quercus ilicifolia	NSLX	FIA	0.5	1.3	2.4	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	66
hackberry	Celtis occidentalis	WDH	Medium	0.1	0.9	4.6	Sm. inc.	Lg. inc.	High	Rare	Good	Good			2	67
flowering dogwood	Cornus florida	WDL	Medium	0.5	0.5	0.5	No change	Lg. inc.	Medium	Rare	Poor	Good			2	68
honeylocust	Gleditsia triacanthos	NSH	Low	0	0.4	4.3	No change	Lg. inc.	High	Rare	Fair	Good			2	69
post oak	Quercus stellata	WDH	High	0.1	0.4	4.8	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	70
ailanthus	Ailanthus altissima	NSL	FIA	0.2	0.3	2.3	Unknown	Unknown	NA	Rare	NNIS	NNIS			0	71
American holly	Ilex opaca	NSL	Medium	0.2	0.2	1.1	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	72
swamp chestnut oak	Quercus michauxii	NSL	Low	0	0.1	2.1	Sm. dec.	Lg. inc.	Medium	Rare	Very Poor	Good			2	73
sweetgum	Liquidambar styraciflua	WDH	High	0	0.1	0.5	Lg. inc.	Lg. inc.	Medium	Rare	Good	Good			2	74
pin oak	Quercus palustris	NSH	Low	0.2	0.1	1.2	Lg. inc.	Lg. inc.	Low	Rare	Fair	Fair	Infill +	Infill +	2	75
northern pin oak	Quercus ellipsoidalis	NSH	Medium	0.1	0.0	3.0	Lg. inc.	Lg. inc.	High	Rare	Good	Good			2	76
rock elm	Ulmus thomasii	NSLX	FIA	0	0.0	0.6	Unknown	Unknown	Low	Rare	FIA Only	FIA Only			0	77
shellbark hickory	Carya laciniosa	NSL	Low	0	0.0	0.2	Lg. dec.	Lg. dec.	Medium	Rare	Very Poor	Very Poor			0	78
northern catalpa	Catalpa speciosa	NSHX	FIA	0	0.0	0.6	Unknown	Unknown	Medium	Rare	FIA Only	FIA Only			0	79
sand pine	Pinus clausa	NDH	High	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	80
shortleaf pine	Pinus echinata	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	81
longleaf pine	Pinus palustris	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	82
Table Mountain pine	Pinus pungens	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	83
loblolly pine	Pinus taeda	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate ++	Migrate ++	3	84
Virginia pine	Pinus virginiana	NDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat	Migrate +	Migrate ++	3	85
bald cypress	Taxodium distichum	NSH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	86
florida maple	Acer barbatum	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	87
black maple	Acer nigrum	NSH	Low	0	0	0	Unknown	Unknown	High	Absent	Unknown	Unknown			0	88
Ohio buckeye	Aesculus glabra	NSL	Low	0	0	0	Unknown	Unknown	Medium	Absent	Unknown	Unknown			0	89
yellow buckeye	Aesculus flava	NSL	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	90
pawpaw	Asimina triloba	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	91
river birch	Betula nigra	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	92
cittamwood/gum bumelia	Sideroxylon lanuginosum ssp.	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	93
water hickory	Carya aquatica	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	94

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
pecan	<i>Carya illinoensis</i>	NSH	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			2	95
black hickory	<i>Carya texana</i>	NDL	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	96
sugarberry	<i>Celtis laevigata</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	97
eastern redbud	<i>Cercis canadensis</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	98
common persimmon	<i>Diospyros virginiana</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	99
silverbell	<i>Halesia spp.</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	100
Osage-orange	<i>Maclura pomifera</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat		Migrate +	3	101
cucumbertree	<i>Magnolia acuminata</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	102
southern magnolia	<i>Magnolia grandiflora</i>	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			0	103
sweetbay	<i>Magnolia virginiana</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	104
bigleaf magnolia	<i>Magnolia macrophylla</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			0	105
mountain or Fraser magnolia	<i>Magnolia fraseri</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	106
red mulberry	<i>Morus rubra</i>	NSL	Low	0	0	0	Unknown	Unknown	Medium	Modeled	Unknown	Unknown			0	107
water tupelo	<i>Nyssa aquatica</i>	NSH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			2	108
swamp tupelo	<i>Nyssa biflora</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			3	109
sourwood	<i>Oxydendrum arboreum</i>	NDL	High	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	110
redbay	<i>Persea borbonia</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	111
water elm	<i>Planera aquatica</i>	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			0	112
southern red oak	<i>Quercus falcata</i>	WDL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat	Migrate +	Migrate +	3	113
cherrybark oak; swamp red o.	<i>Quercus pagoda</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	114
shingle oak	<i>Quercus imbricaria</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	115
laurel oak	<i>Quercus laurifolia</i>	NDH	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	116
overcup oak	<i>Quercus lyrata</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Low	Absent	New Habitat	New Habitat			0	117
blackjack oak	<i>Quercus marilandica</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			3	118
chinkapin oak	<i>Quercus muehlenbergii</i>	NSL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	119
water oak	<i>Quercus nigra</i>	WDH	High	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	120
willow oak	<i>Quercus phellos</i>	NSL	Low	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat		Migrate +	3	121
Shumard oak	<i>Quercus shumardii</i>	NSL	Low	0	0	0	New Habitat	New Habitat	High	Absent	New Habitat	New Habitat			0	122
bluejack oak	<i>Quercus incana</i>	NSL	Low	0	0	0	Unknown	New Habitat	Medium	Absent	Unknown	New Habitat			0	123
winged elm	<i>Ulmus alata</i>	WDL	Medium	0	0	0	New Habitat	New Habitat	Medium	Absent	New Habitat	New Habitat			3	124