

sq. km sq. mi FIA Plots
Area of Region 53,438 20,632 1,613

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 RCP45 | Scenario RCP85 | Scenario RCP45 | Scenario RCP85 | SHIFT RCP45 | SHIFT RCP85 | | | | |
| Ash | 4 | | | High | 22 | 28 | Increase | 36 | 37 | Very Good | 12 | 12 | Likely | 0 | 1 |
| Hickory | 8 | | | Medium | 39 | 63 | No Change | 35 | 35 | Good | 21 | 23 | Infill | 29 | 32 |
| Maple | 4 | Abundant | 4 | Low | 45 | 20 | Decrease | 22 | 21 | Fair | 16 | 16 | Migrate | 1 | 2 |
| Oak | 21 | Common | 25 | FIA | 11 | | New | 8 | 8 | Poor | 21 | 21 | | | |
| Pine | 11 | Rare | 75 | | | | Unknown | 16 | 16 | Very Poor | 23 | 21 | | | |
| Other | 56 | Absent | 13 | | | | | | | FIA Only | 8 | 8 | | | |
| | | | | | | | | | | Unknown | 5 | 5 | | | |
| | 104 | | 117 | | 117 | 111 | | 117 | 117 | | 106 | 106 | | 30 | 35 |

Potential Changes in Climate Variables

Temperature (°F)

| | Scenario | 2009 | 2039 | 2069 | 2099 | |
|--------------------------|----------|------|------|------|------|--|
| Annual Average | CCSM45 | 58.9 | 60.3 | 61.9 | 62.0 | |
| | CCSM85 | 58.9 | 60.5 | 62.5 | 64.6 | |
| | GFDL45 | 58.9 | 61.2 | 62.8 | 63.4 | |
| | GFDL85 | 58.9 | 61.1 | 63.7 | 66.7 | |
| | HAD45 | 58.9 | 60.8 | 63.0 | 64.2 | |
| Growing Season (May—Sep) | CCSM45 | 69.4 | 70.6 | 71.9 | 72.3 | |
| | CCSM85 | 69.4 | 70.6 | 72.7 | 75.3 | |
| | GFDL45 | 69.4 | 71.7 | 73.3 | 74.3 | |
| | GFDL85 | 69.4 | 71.7 | 74.4 | 77.8 | |
| | HAD45 | 69.4 | 72.0 | 73.9 | 75.3 | |
| Coldest Month (Average) | CCSM45 | 43.2 | 45.1 | 45.8 | 45.6 | |
| | CCSM85 | 43.2 | 44.9 | 45.9 | 46.9 | |
| | GFDL45 | 43.2 | 45.7 | 45.9 | 46.2 | |
| | GFDL85 | 43.2 | 44.8 | 45.7 | 46.1 | |
| | HAD45 | 43.2 | 43.2 | 44.5 | 45.1 | |
| Warmest Month (Average) | CCSM45 | 72.7 | 73.9 | 74.6 | 74.8 | |
| | CCSM85 | 72.7 | 74.0 | 75.1 | 76.6 | |
| | GFDL45 | 72.7 | 74.8 | 75.5 | 76.1 | |
| | GFDL85 | 72.7 | 74.8 | 76.1 | 77.9 | |
| | HAD45 | 72.7 | 75.9 | 77.1 | 77.7 | |
| HAD85 | 72.7 | 76.0 | 78.7 | 80.1 | | |

Precipitation (in)

| | Scenario | 2009 | 2039 | 2069 | 2099 | |
|--------------------------|----------|------|------|------|------|--|
| Annual Total | CCSM45 | 42.8 | 44.9 | 47.1 | 47.7 | |
| | CCSM85 | 42.8 | 45.1 | 47.8 | 52.0 | |
| | GFDL45 | 42.8 | 47.2 | 49.7 | 52.3 | |
| | GFDL85 | 42.8 | 47.1 | 50.5 | 49.6 | |
| | HAD45 | 42.8 | 40.9 | 44.7 | 45.8 | |
| Growing Season (May—Sep) | CCSM45 | 18.2 | 20.1 | 21.0 | 21.5 | |
| | CCSM85 | 18.2 | 19.3 | 20.8 | 22.3 | |
| | GFDL45 | 18.2 | 22.2 | 23.7 | 24.2 | |
| | GFDL85 | 18.2 | 22.1 | 25.0 | 24.8 | |
| | HAD45 | 18.2 | 17.7 | 18.6 | 18.4 | |
| HAD85 | 18.2 | 18.8 | 15.4 | 16.1 | | |

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 |
|----------------------------|-------------------------|-------|--------|-------|--------|-------|-----------|-----------|--------|----------|-----------|-----------|-----------|-----------|-----|----|
| loblolly pine | Pinus taeda | WDH | High | 80.6 | 3054.6 | 31.9 | No change | No change | Medium | Abundant | Good | Good | | | 1 | 1 |
| slash pine | Pinus elliotii | NDH | High | 32.3 | 1106.7 | 25.0 | Sm. inc. | Sm. inc. | Medium | Abundant | Very Good | Very Good | | | 1 | 2 |
| sweetgum | Liquidambar styraciflua | WDH | High | 74.3 | 894.4 | 9.9 | No change | No change | Medium | Abundant | Good | Good | | | 1 | 3 |
| water oak | Quercus nigra | WDH | High | 75.2 | 700.0 | 7.6 | Sm. inc. | Sm. inc. | Medium | Abundant | Very Good | Very Good | | | 1 | 4 |
| laurel oak | Quercus laurifolia | NDH | Medium | 40 | 397.1 | 8.6 | Sm. inc. | Sm. inc. | Medium | Common | Good | Good | | | 1 | 5 |
| yellow-poplar | Liriodendron tulipifera | WDH | High | 46.2 | 390.2 | 6.2 | Sm. dec. | Sm. dec. | High | Common | Fair | Fair | | | 1 | 6 |
| longleaf pine | Pinus palustris | NSH | Medium | 21.4 | 317.8 | 12.6 | Lg. inc. | Lg. inc. | Medium | Common | Very Good | Very Good | | | 1 | 7 |
| swamp tupelo | Nyssa biflora | NDH | Medium | 30.2 | 285.4 | 7.6 | Sm. inc. | Sm. inc. | Low | Common | Fair | Fair | | | 1 | 8 |
| red maple | Acer rubrum | WDH | High | 57.5 | 280.9 | 3.6 | Sm. inc. | Sm. inc. | High | Common | Very Good | Very Good | | | 1 | 9 |
| white oak | Quercus alba | WDH | Medium | 38.3 | 258.4 | 5.3 | No change | No change | High | Common | Good | Good | | | 1 | 10 |
| shortleaf pine | Pinus echinata | WDH | High | 38.8 | 211.4 | 4.3 | Lg. inc. | Lg. inc. | Medium | Common | Very Good | Very Good | | | 1 | 11 |
| southern red oak | Quercus falcata | WDL | Medium | 44.2 | 196.1 | 3.7 | Lg. inc. | Lg. inc. | High | Common | Very Good | Very Good | | | 1 | 12 |
| live oak | Quercus virginiana | NDH | High | 12.9 | 140.1 | 10.4 | Lg. inc. | Lg. inc. | Medium | Common | Very Good | Very Good | Infill ++ | Infill ++ | 2 | 13 |
| black cherry | Prunus serotina | WDL | Medium | 50.4 | 135.6 | 2.3 | Lg. inc. | Lg. inc. | Low | Common | Good | Good | | | 1 | 14 |
| blackgum | Nyssa sylvatica | WDL | Medium | 44.2 | 132.5 | 2.2 | Lg. inc. | Lg. inc. | High | Common | Very Good | Very Good | | | 1 | 15 |
| pignut hickory | Carya glabra | WDL | Medium | 31.5 | 130.9 | 3.1 | No change | No change | Medium | Common | Fair | Fair | | | 1 | 16 |
| sweetbay | Magnolia virginiana | NSL | Medium | 21.4 | 126.6 | 4.2 | Lg. inc. | Lg. inc. | Medium | Common | Very Good | Very Good | | | 1 | 17 |
| pond cypress | Taxodium ascendens | NSH | Medium | 9.9 | 119.5 | 8.6 | No change | No change | Medium | Common | Fair | Fair | Infill + | Infill + | 1 | 18 |
| sand pine | Pinus clausa | NDH | High | 2.4 | 110.8 | 16.1 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 19 |
| mockernut hickory | Carya alba | WDL | Medium | 28.1 | 91.9 | 2.6 | Lg. inc. | Lg. inc. | High | Common | Very Good | Very Good | | | 1 | 20 |
| green ash | Fraxinus pennsylvanica | WSH | Low | 17.5 | 81.0 | 3.6 | Lg. inc. | Lg. inc. | Medium | Common | Very Good | Very Good | | | 1 | 21 |
| sourwood | Oxydendrum arboreum | NDL | High | 20 | 79.6 | 2.8 | No change | Sm. dec. | High | Common | Good | Fair | | | 1 | 22 |
| post oak | Quercus stellata | WDH | High | 26.8 | 78.3 | 2.4 | Lg. inc. | Lg. inc. | High | Common | Very Good | Very Good | | | 1 | 23 |
| flowering dogwood | Cornus florida | WDL | Medium | 36.8 | 70.1 | 1.5 | Sm. inc. | Sm. inc. | Medium | Common | Good | Good | | | 1 | 24 |
| chestnut oak | Quercus prinus | NDH | High | 5.6 | 66.5 | 6.9 | No change | No change | High | Common | Good | Good | Infill ++ | Infill ++ | 2 | 25 |
| scarlet oak | Quercus coccinea | WDL | Medium | 11.3 | 60.1 | 3.3 | Sm. dec. | Sm. dec. | Medium | Common | Poor | Poor | Infill + | Infill + | 0 | 26 |
| Virginia pine | Pinus virginiana | NDH | High | 5.6 | 59.0 | 6.5 | Sm. dec. | Sm. dec. | Medium | Common | Poor | Poor | Infill + | Infill + | 2 | 27 |
| common persimmon | Diospyros virginiana | NSL | Low | 25.3 | 55.5 | 1.7 | Sm. dec. | No change | High | Common | Fair | Good | | | 1 | 28 |
| black willow | Salix nigra | NSH | Low | 6.7 | 54.2 | 5.9 | No change | No change | Low | Common | Poor | Poor | Infill + | Infill + | 0 | 29 |
| willow oak | Quercus phellos | NSL | Low | 7.4 | 52.0 | 6.5 | No change | No change | Medium | Common | Fair | Fair | Infill + | Infill + | 1 | 30 |
| bald cypress | Taxodium distichum | NSH | Medium | 6.9 | 45.9 | 5.6 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 2 | 31 |
| American hornbeam; muscley | Carpinus caroliniana | WSL | Low | 17.8 | 44.3 | 2.0 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | | | 1 | 32 |
| sugarberry | Celtis laevigata | NDH | Medium | 8.1 | 40.9 | 5.3 | Sm. inc. | Sm. inc. | Medium | Rare | Fair | Fair | Infill + | Infill + | 1 | 33 |
| black oak | Quercus velutina | WDH | High | 14.9 | 40.8 | 2.0 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 1 | 34 |
| eastern redcedar | Juniperus virginiana | WDH | Medium | 16.7 | 40.1 | 2.1 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | | | 1 | 35 |
| water tupelo | Nyssa aquatica | NSH | Medium | 4.7 | 40.1 | 7.3 | No change | Sm. dec. | Low | Rare | Very Poor | Very Poor | | | 2 | 36 |
| winged elm | Ulmus alata | WDL | Medium | 20.8 | 39.9 | 1.7 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | | | 1 | 37 |
| American elm | Ulmus americana | WDH | Medium | 14.1 | 36.4 | 2.4 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | Infill ++ | Infill ++ | 1 | 38 |
| southern magnolia | Magnolia grandiflora | NSL | Low | 11.4 | 35.4 | 2.7 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | | | 1 | 39 |
| turkey oak | Quercus laevis | NSH | Medium | 4.9 | 35.0 | 5.3 | No change | No change | High | Rare | Fair | Fair | Infill + | Infill + | 1 | 40 |
| northern red oak | Quercus rubra | WDH | Medium | 9.3 | 26.8 | 2.2 | No change | No change | High | Rare | Fair | Fair | Infill + | Infill + | 1 | 41 |
| American beech | Fagus grandifolia | WDH | High | 11.1 | 24.8 | 1.7 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | Infill ++ | Infill ++ | 2 | 42 |
| pecan | Carya illinoensis | NSH | Low | 3.9 | 23.6 | 4.3 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 0 | 43 |
| blackjack oak | Quercus marilandica | NSL | Medium | 7.5 | 23.6 | 2.6 | Lg. inc. | Lg. inc. | High | Rare | Good | Good | Infill ++ | Infill ++ | 1 | 44 |
| American holly | Ilex opaca | NSL | Medium | 12.4 | 23.6 | 1.3 | Sm. inc. | Lg. inc. | Medium | Rare | Fair | Good | | | 1 | 45 |
| river birch | Betula nigra | NSL | Low | 6.2 | 22.2 | 2.8 | Sm. inc. | Lg. inc. | Medium | Rare | Fair | Good | Infill + | Infill ++ | 1 | 46 |
| eastern white pine | Pinus strobus | WDH | High | 2 | 22.0 | 4.3 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 47 |

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|------------------------------|------------------------------|-------|--------|-------|--------|-------|-----------|-----------|--------|-------|-----------|-----------|-----------|-----------|-----|----|
| florida maple | Acer barbatum | NSL | Low | 11.1 | 16.5 | 1.5 | Sm. inc. | Lg. inc. | High | Rare | Good | Good | Infill ++ | Infill ++ | 1 | 48 |
| spruce pine | Pinus glabra | NSL | Low | 6.7 | 15.7 | 2.0 | Sm. dec. | Lg. dec. | Medium | Rare | Very Poor | Very Poor | | | 0 | 49 |
| eastern hophornbeam; ironw | Ostrya virginiana | WSL | Low | 9.4 | 14.5 | 1.0 | Sm. inc. | Sm. inc. | High | Rare | Good | Good | | | 1 | 50 |
| sassafras | Sassafras albidum | WSL | Low | 11.4 | 13.5 | 0.9 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | | | 1 | 51 |
| overcup oak | Quercus lyrata | NSL | Medium | 4 | 13.2 | 3.3 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 52 |
| red mulberry | Morus rubra | NSL | Low | 7.6 | 13.1 | 1.6 | No change | No change | Medium | Rare | Poor | Poor | | | 1 | 53 |
| Atlantic white-cedar | Chamaecyparis thyoides | NSH | Low | 2 | 12.1 | 5.0 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 54 |
| sycamore | Platanus occidentalis | NSL | Low | 3.3 | 11.9 | 3.2 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 2 | 55 |
| black walnut | Juglans nigra | WDH | Low | 1.7 | 11.7 | 3.9 | Sm. dec. | Sm. dec. | Medium | Rare | Very Poor | Very Poor | | | 2 | 56 |
| pond pine | Pinus serotina | NSH | Medium | 2.4 | 9.5 | 3.4 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 57 |
| cherrybark oak; swamp red o. | Quercus pagoda | NSL | Medium | 3 | 9.3 | 2.9 | No change | Sm. inc. | Medium | Rare | Poor | Fair | Infill + | Infill + | 2 | 58 |
| swamp chestnut oak | Quercus michauxii | NSL | Low | 4.6 | 9.1 | 1.8 | Sm. dec. | Sm. dec. | Medium | Rare | Very Poor | Very Poor | | | 2 | 59 |
| slippery elm | Ulmus rubra | WSL | Low | 3.6 | 8.1 | 1.8 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 2 | 60 |
| hackberry | Celtis occidentalis | WDH | Medium | 3.2 | 7.7 | 2.4 | Sm. dec. | Sm. dec. | High | Rare | Poor | Poor | Infill + | | 2 | 61 |
| boxelder | Acer negundo | WSH | Low | 3.6 | 7.5 | 2.0 | Sm. dec. | No change | High | Rare | Poor | Fair | | Infill + | 2 | 62 |
| eastern redbud | Cercis canadensis | NSL | Low | 5.9 | 6.6 | 0.9 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 1 | 63 |
| redbay | Persea borbonia | NSL | Low | 3.1 | 6.0 | 1.3 | No change | No change | High | Rare | Fair | Fair | Infill + | Infill + | 1 | 64 |
| water hickory | Carya aquatica | NSL | Medium | 1.4 | 6.0 | 3.9 | Sm. dec. | Sm. dec. | Medium | Rare | Very Poor | Very Poor | | | 2 | 65 |
| sand hickory | Carya pallida | NSL | FIA | 1.3 | 5.1 | 3.9 | Unknown | Unknown | NA | Rare | FIA Only | FIA Only | | | 0 | 66 |
| cabbage palmetto | Sabal palmetto | NDH | Medium | 0.7 | 4.4 | 5.1 | Lg. inc. | Lg. inc. | Medium | Rare | Good | Good | | | 0 | 67 |
| wild plum | Prunus americana | NSLX | FIA | 3.7 | 4.2 | 1.1 | Unknown | Unknown | Medium | Rare | FIA Only | FIA Only | | | 0 | 68 |
| bluejack oak | Quercus incana | NSL | Low | 2.2 | 3.8 | 1.2 | Sm. inc. | Lg. inc. | Medium | Rare | Fair | Good | Infill + | Infill ++ | 2 | 69 |
| pumpkin ash | Fraxinus profunda | NSH | FIA | 1.3 | 3.7 | 2.8 | Unknown | Unknown | NA | Rare | FIA Only | FIA Only | | | 0 | 70 |
| shagbark hickory | Carya ovata | WSL | Medium | 2 | 3.6 | 1.5 | Lg. dec. | Lg. dec. | Medium | Rare | Very Poor | Very Poor | | | 0 | 71 |
| American basswood | Tilia americana | WSL | Medium | 1.7 | 3.6 | 2.0 | Sm. dec. | Sm. dec. | Medium | Rare | Very Poor | Very Poor | | | 2 | 72 |
| bitternut hickory | Carya cordiformis | WSL | Low | 1.1 | 3.3 | 2.6 | Sm. dec. | Sm. dec. | High | Rare | Poor | Poor | | Infill + | 2 | 73 |
| black locust | Robinia pseudoacacia | NDH | Low | 1.3 | 3.3 | 1.0 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 2 | 74 |
| loblolly-bay | Gordonia lasianthus | NSH | Medium | 1 | 2.6 | 1.9 | Sm. inc. | Sm. inc. | Medium | Rare | Fair | Fair | Infill + | Infill + | 2 | 75 |
| silver maple | Acer saccharinum | NSH | Low | 0.4 | 2.5 | 6.8 | Sm. dec. | Sm. dec. | High | Rare | Poor | Poor | | Infill + | 2 | 76 |
| eastern hemlock | Tsuga canadensis | NSH | High | 1 | 2.4 | 1.1 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 77 |
| paulownia | Paulownia tomentosa | NSL | FIA | 0.7 | 2.2 | 1.8 | Unknown | Unknown | NA | Rare | NNIS | NNIS | | | 0 | 78 |
| durand oak | Quercus sinuata var. sinuata | NSL | FIA | 0.4 | 2.1 | 5.7 | Unknown | Unknown | Medium | Rare | FIA Only | FIA Only | | | 0 | 79 |
| Table Mountain pine | Pinus pungens | NSL | Low | 0.5 | 2.0 | 3.4 | Sm. dec. | Sm. dec. | High | Rare | Poor | Poor | Infill + | Infill + | 2 | 80 |
| white ash | Fraxinus americana | WDL | Medium | 1.5 | 1.3 | 0.9 | No change | Sm. inc. | Low | Rare | Very Poor | Poor | | Infill + | 2 | 81 |
| white mulberry | Morus alba | NSL | FIA | 0.8 | 1.3 | 1.1 | Unknown | Unknown | NA | Rare | NNIS | NNIS | | | 0 | 82 |
| water elm | Planera aquatica | NSL | Low | 0.9 | 1.1 | 1.2 | Sm. dec. | Sm. dec. | Medium | Rare | Very Poor | Very Poor | | | 0 | 83 |
| serviceberry | Amelanchier spp. | NSL | Low | 1.3 | 1.0 | 0.5 | Sm. dec. | No change | Medium | Rare | Very Poor | Poor | | | 0 | 84 |
| sweet birch | Betula lenta | NDH | High | 0.7 | 1.0 | 0.5 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 85 |
| eastern cottonwood | Populus deltoides | NSH | Low | 0.4 | 0.9 | 1.6 | Lg. dec. | Lg. dec. | Medium | Rare | Very Poor | Very Poor | | | 0 | 86 |
| ailanthus | Ailanthus altissima | NSL | FIA | 0.2 | 0.7 | 3.9 | Unknown | Unknown | NA | Rare | NNIS | NNIS | | | 0 | 87 |
| Shumard oak | Quercus shumardii | NSL | Low | 0.2 | 0.5 | 2.8 | Sm. inc. | No change | High | Rare | Good | Fair | | | 0 | 88 |
| cucumbertree | Magnolia acuminata | NSL | Low | 0.4 | 0.5 | 0.6 | No change | No change | Medium | Rare | Poor | Poor | Infill + | | 2 | 89 |
| honeylocust | Gleditsia triacanthos | NSH | Low | 0.3 | 0.5 | 1.0 | Sm. inc. | Lg. inc. | High | Rare | Good | Good | | | 2 | 90 |
| bigleaf magnolia | Magnolia macrophylla | NSL | Low | 0.4 | 0.4 | 1.2 | Lg. dec. | Lg. dec. | Medium | Rare | Very Poor | Very Poor | | | 0 | 91 |
| ogeechee tupelo | Nyssa ogeche | NSLX | FIA | 0 | 0.4 | 0.2 | Unknown | Unknown | Low | Rare | FIA Only | FIA Only | | | 0 | 92 |
| pitch pine | Pinus rigida | NSH | High | 0.3 | 0.4 | 0.5 | Sm. inc. | Sm. inc. | Medium | Rare | Fair | Fair | Infill + | Infill + | 2 | 93 |
| Carolina ash | Fraxinus caroliniana | NSL | FIA | 0.5 | 0.3 | 0.3 | Unknown | Unknown | NA | Rare | FIA Only | FIA Only | | | 0 | 94 |

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|-----------------------------|------------------------------|-------|--------|-------|--------|-------|-------------|-------------|--------|--------|-------------|-------------|-----------|-----------|-----|-----|
| waterlocust | Gleditsia aquatica | NSLX | FIA | 0.2 | 0.2 | 1.2 | Unknown | Unknown | Medium | Rare | FIA Only | FIA Only | | | 0 | 95 |
| shellbark hickory | Carya laciniosa | NSL | Low | 0.2 | 0.2 | 1.0 | No change | No change | Medium | Rare | Poor | Poor | | | 0 | 96 |
| silverbell | Halesia spp. | NSL | Low | 0.2 | 0.2 | 0.9 | No change | No change | Medium | Rare | Poor | Poor | | | 0 | 97 |
| mountain or Fraser magnolia | Magnolia fraseri | NSL | Low | 0.3 | 0.2 | 0.3 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 0 | 98 |
| American chestnut | Castanea dentata | NSLX | FIA | 0.4 | 0.2 | 0.4 | Unknown | Unknown | Medium | Rare | FIA Only | FIA Only | | | 0 | 99 |
| yellow birch | Betula alleghaniensis | NDL | High | 0.4 | 0.1 | 0.4 | No change | No change | Medium | Rare | Poor | Poor | | | 0 | 100 |
| Nuttall oak | Quercus texana | NSH | Medium | 0.1 | 0.1 | 0.3 | Lg. dec. | Lg. dec. | High | Rare | Poor | Poor | | | 0 | 101 |
| swamp white oak | Quercus bicolor | NSL | Low | 0.2 | 0.1 | 0.4 | Sm. dec. | Lg. dec. | Medium | Rare | Very Poor | Very Poor | | | 0 | 102 |
| cedar elm | Ulmus crassifolia | NDH | Medium | 0.2 | 0.1 | 0.4 | Lg. inc. | Lg. inc. | Low | Rare | Fair | Fair | Infill + | | 2 | 103 |
| yellow buckeye | Aesculus flava | NSL | Low | 0.2 | 0.0 | 0.2 | Lg. dec. | Lg. dec. | Low | Rare | Very Poor | Very Poor | | | 0 | 104 |
| ashe juniper | Juniperus ashei | NDH | High | 0 | 0 | 0 | New Habitat | New Habitat | Medium | Absent | New Habitat | New Habitat | | | 0 | 105 |
| black maple | Acer nigrum | NSH | Low | 0 | 0 | 0 | New Habitat | New Habitat | High | Absent | New Habitat | New Habitat | | | 0 | 106 |
| striped maple | Acer pensylvanicum | NSL | Medium | 0 | 0 | 0 | Unknown | New Habitat | Medium | Absent | Unknown | New Habitat | Likely + | | 3 | 107 |
| mountain maple | Acer spicatum | NSL | Low | 0 | 0 | 0 | Unknown | Unknown | High | Absent | Unknown | Unknown | | | 0 | 108 |
| pawpaw | Asimina triloba | NSL | Low | 0 | 0 | 0 | New Habitat | New Habitat | Medium | Absent | New Habitat | New Habitat | | | 3 | 109 |
| cittamwood/gum bumelia | Sideroxylon lanuginosum ssp. | NSL | Low | 0 | 0 | 0 | New Habitat | New Habitat | High | Absent | New Habitat | New Habitat | | | 3 | 110 |
| black hickory | Carya texana | NDL | High | 0 | 0 | 0 | New Habitat | New Habitat | Medium | Absent | New Habitat | New Habitat | Migrate + | Migrate + | 3 | 111 |
| black ash | Fraxinus nigra | WSH | Medium | 0 | 0 | 0 | New Habitat | New Habitat | Low | Absent | New Habitat | New Habitat | | | 3 | 112 |
| Osage-orange | Maclura pomifera | NDH | Medium | 0 | 0 | 0 | Unknown | New Habitat | High | Absent | Unknown | New Habitat | Migrate + | | 3 | 113 |
| pin cherry | Prunus pensylvanica | NSL | Low | 0 | 0 | 0 | New Habitat | Unknown | Medium | Absent | New Habitat | Unknown | | | 3 | 114 |
| chinkapin oak | Quercus muehlenbergii | NSL | Medium | 0 | 0 | 0 | New Habitat | Unknown | Medium | Absent | New Habitat | Unknown | | | 3 | 115 |
| pin oak | Quercus palustris | NSH | Low | 0 | 0 | 0 | Unknown | Unknown | Low | Absent | Unknown | Unknown | | | 0 | 116 |
| American mountain-ash | Sorbus americana | NSL | Low | 0 | 0 | 0 | Unknown | Unknown | Low | Absent | Unknown | Unknown | | | 0 | 117 |