

One x One Degree
Climate Change Atlas Tree Species

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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 |
|-------------------|--------------------|-------|--------|-------|--------|-------|-------------|-------------|--------|--------|-------------|-------------|----------|----------|-----|----|
| live oak | Quercus virginiana | NDH | High | 21.5 | 155.9 | 54.2 | No change | No change | Medium | Common | Fair | Fair | Infill + | Infill + | 1 | 1 |
| sugarberry | Celtis laevigata | NDH | Medium | 9.3 | 6.2 | 5.6 | No change | No change | Medium | Rare | Poor | Poor | Infill + | Infill + | 2 | 2 |
| black willow | Salix nigra | NSH | Low | 3.4 | 4.2 | 6.1 | No change | No change | Low | Rare | Very Poor | Very Poor | | | 2 | 3 |
| pond cypress | Taxodium ascendens | NSH | Medium | 0 | 0 | 0 | New Habitat | New Habitat | Medium | Absent | New Habitat | New Habitat | | | 0 | 4 |
| pawpaw | Asimina triloba | NSL | Low | 0 | 0 | 0 | Unknown | Unknown | Medium | Absent | Unknown | Unknown | | | 0 | 5 |
| bitternut hickory | Carya cordiformis | WSL | Low | 0 | 0 | 0 | Unknown | Unknown | High | Absent | Unknown | Unknown | | | 0 | 6 |
| cucumbertree | Magnolia acuminata | NSL | Low | 0 | 0 | 0 | Unknown | Unknown | Medium | Absent | Unknown | Unknown | | | 0 | 7 |
| black oak | Quercus velutina | WDH | High | 0 | 0 | 0 | Unknown | Unknown | Medium | Absent | Unknown | Unknown | | | 0 | 8 |
| bluejack oak | Quercus incana | NSL | Low | 0 | 0 | 0 | New Habitat | New Habitat | Medium | Absent | New Habitat | New Habitat | | | 3 | 9 |
| cabbage palmetto | Sabal palmetto | NDH | Medium | 0 | 0 | 0 | New Habitat | New Habitat | Medium | Absent | New Habitat | New Habitat | | | 0 | 10 |