**Species Chosen for NatureServe’s Climate Change Vulnerability Assessment**

**Species of high regional concern** – primarily “high responsibility species” and “high concern” species as identified in the Nature Conservancy’s review of the 13 Northeast State Wildlife Action Plans

**Representative species** – species whose habitat needs or ecosystem function are similar to a group of other species. Most of those listed below were previously identified in a process led by the U.S. Fish and Wildlife Service in the North Atlantic region.

**Foundational species** – species that are major determinants of ecosystem structure and function and that thus have a large influence on other species with which they co-occur.

| **Ecosystem Type** | **Species** | **Species of high regional concern** | **Representative species** | **Foundational species** |
| --- | --- | --- | --- | --- |
| Spruce-fir-hardwood forests | Bicknell’s Thrush | ✓ | ✓ |  |
| Moose | ✓ |  |  |
| Spruce Grouse | ✓ | ✓ |  |
| Blackpoll Warbler |  | ✓ |  |
| Balsam fir |  |  | ✓ |
| Red spruce |  |  | ✓ |
| Northern hardwood-hemlock forests | Jefferson Salamander | ✓ |  |  |
| Northern Goshawk | ✓ |  |  |
| Small whorled pogonia | ✓ |  |  |
| Ovenbird |  | ✓ |  |
| Eastern hemlock |  |  | ✓ |
| Sugar maple |  |  | ✓ |
| Oak-hickory-pine forests | Eastern Red Bat |  | ✓ |  |
| Wood Thrush |  | ✓ |  |
| White oak |  |  | ✓ |
| White pine |  |  | ✓ |
| Swamps | Hessel’s Hairstreak | ✓ |  |  |
| Northern Waterthrush |  | ✓ |  |
| Atlantic white cedar |  |  | ✓ |
| Black gum |  |  | ✓ |
| Northern white cedar |  |  | ✓ |
| Freshwater marshes | Least Bittern | ✓ | ✓ |  |
| American Black Duck |  | ✓ |  |
| Marsh Wren |  | ✓ |  |
| Pickerelweed |  |  | ✓ |
| Woolgrass |  |  | ✓ |
| Coastal marshes | Saltmarsh Sparrow | ✓ | ✓ |  |
| Diamond-backed Terrapin |  | ✓ |  |
| Smooth cordgrass |  |  | ✓ |
| Coastal beaches and mudflats | American Oystercatcher | ✓ | ✓ |  |
| Eastern Beach Tiger Beetle | ✓ |  |  |
| Common Tern | ✓ | ✓ |  |
| Piping Plover | ✓ | ✓ |  |
| Horseshoe Crab |  | ✓ |  |
| Streams to small rivers | Brook Floater | ✓ |  |  |
| Brook Trout | ✓ | ✓ |  |
| American (no.) Water Shrew |  | ✓ |  |
| Louisiana Waterthrush |  | ✓ |  |
| So. Pygmy Clubtail |  | ✓ |  |
| Tape grass |  |  | ✓ |
| Medium-sized to large rivers | Atlantic Sturgeon | ✓ |  |  |
| Dwarf Wedgemussel | ✓ |  |  |
| Eastern Hellbender | ✓ |  |  |
| American Shad |  | ✓ |  |
| Atlantic Salmon |  | ✓ |  |
| Bogs | Bog Elfin |  | ✓ |  |
| Incurvate Emerald |  | ✓ |  |
| Purple pitcher plant |  | ✓ |  |
| Black spruce |  |  | ✓ |
| Leatherleaf |  |  | ✓ |
| Ponds and vernal pools | Spotted Turtle | ✓ | ✓ |  |
| Wood Frog |  | ✓ |  |
| Bayonette rush |  |  | ✓ |
| Northeastern bulrush |  |  | ✓ |
| Floodplain riparian | Cerulean Warbler | ✓ |  |  |
| Wood Turtle | ✓ | ✓ |  |
| Red-shouldered Hawk |  | ✓ |  |
| Silver maple |  |  | ✓ |
| Pine barrens | Frosted Elfin | ✓ |  |  |
| Northern Pine Snake |  | ✓ |  |
| Pitch pine |  |  | ✓ |
| Early successional | Least Weasel | ✓ |  |  |
| New England Cottontail | ✓ |  |  |