

Listed Species

As of March 2015

36 state-endangered and 15 state-threatened animals (including 3 federally listed endangered species - Eastern Mountain Lion, Dwarf Wedgemussel, & Indiana Bat; 2 threatened - Canadian Lynx & Puritan Tiger Beetle and 1 species of concern – Cobblestone Tiger Beetle)

- Fish: 6 species
- Amphibians: 2 species
- Reptiles: 6 species
- Mammals: 8 species
- Birds: 12 species
- Invertebrates (mussels, beetles, amphipods): 17 species

69 state-endangered and 93 state-threatened plants (including 2 federally listed endangered species - Jesup's Milk-vetch & Barbed-bristle Bulrush; and 1 threatened - Small Whorled Pogonia)

Recently Listed

Proposed species listings for 2014 (1 amphibian, 1 bird, 3 bees, 4 plants) 10-28-2014

Fowler's Toad (*Anaxyrus fowleri*) - endangered. Although always quite rare in Vermont it had been detected over a 15-year period until recently. Decline in detections in NH and VT. Associated with rare riverine sand habitat subject to Conn. River scouring.

Rusty-patched Bumble Bee (*Bombus affinis*) - endangered. Note: Parasite thought to have been imported with captive raised bees for agricultural use. Pesticide concerns also. Well documented decline of significant magnitude (now rare).

Rusty Blackbird (*Euphagus carolinus*) - endangered. Has been documented to have declined by 80-90% regionally over the past few decades. Vermont is at the southern edge of its boreal breeding habitat.

Yellow-banded Bumblebee (*Bombus terricola*) - threatened. Parasite thought to have been imported with captive raised bees for agricultural use. Pesticide concerns also. Well documented decline of significant magnitude but a few populations in region hold on.

Aston Cuckoo Bumblebee (*Bombus ashtoni*) - endangered. Depends on taking over nests of the two other proposed species and has declined with them.

Dwarf Birch (*Betula minor*) - endangered. Known historically in the state; rediscovered in 1983. Single plant known which is adjacent to popular hiking trail on state land.

Tulip Tree (*Liriodendron tulipifera*) - endangered. Considered to be native in the state since 1853. Single large 125-yr-old tree, plus numerous small trees, saplings and seedlings in natural setting. Other trees in state considered planted.

Whorled Milkweed (*Asclepias verticillata*) - endangered known historically in the state; rediscovered in 2008. Single population with ~40 plants and very few fruits. Proposed in 2010 but not forwarded due to concerns about recoverability, edge of range, and toxicity to cattle.

Quillwort (*Isoetes viridimontana*) - endangered. This fern ally was recently discovered in a high elevation pond and is the only known site globally. Threats are water withdrawal and single population vulnerable to stochastic events.