

CUMBERLAND PLATEAU SPECIES RICHNESS

The Appalachian/Blue Ridge and Appalachian Mixed Mesophytic Forests (of which the Cumberland Plateau is a sub-component) contain the highest total endemism of both plants and animals of any region in North America, and are second only to China's temperate flora in plant richness in temperate regions throughout the world.

RARE, ENDANGERED OR THREATENED

- Red wolf (*Canis niger*)
- Eastern cougar (*Felis concolor cougar*)
- red-shouldered hawk (*Buteo lineatus*)
- Virginia big-eared bat (*Plecotus townsendii virginianus*)
- Logger-head shrike (*Lanius ludovicianus*)

BIOLOGICAL DISTINCTIVENESS:

Appalachian/Blue Ridge

Taxonomic Group	Species Richness (#)	Endemic Species (#)
Mammals	67	0
Birds	194	0
Reptiles	48	1
Amphibians	66	21
Butterflies	194	0
Trees	158	6
Conifers	15	2
Land Snails	264	122
Totals	969	152

Mixed Mesophytic Forests

Taxonomic Group	Species Richness (#)	Endemic Species (#)
Mammals	67	0
Birds	200	0
Reptiles	52	2
Amphibians	56	7
Butterflies	155	0
Trees	166	8
Conifers	9	0
Land Snails	248	98
Totals	953	115

All data from: *Terrestrial Ecoregions of North America*, Island Press, Washington, D.C. (1999); and an internal report provided by the Conservation Biology Institute.