



ONTENTS

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Balsam Mountain Preserve Species Checklist
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Species Illustrations: Heather Pittillo
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Introduction

The Balsam Mountain Trust's checklists are produced to 1) showcase the incredible diversity of life on the Preserve and 2) allow the user to record sightings of specimens they observe while on the Preserve. These checklists, in concert with educational programs presented by the Trust, are meant to inspire and cultivate both an ethos of stewardship among participants and provide a means for creating and nurturing a sense of wonder for the natural world.

Note: *The checklists do not allow the user to identify species, rather only to record an observation. To aid in identification one may utilize the Trust's collections of botanical specimens (herbarium), animals (study skins/museum mounts) and field guides (all located in the nature center). The Trust's staff naturalists are also available to assist with identification.*

The checklists are arranged with headings to allow the user to find groupings (trees, flowers, birds, etc.) as quickly as possible. In some cases you will observe only the scientific name of a species. This was done because there is no generally recognized common name for that species.

For the casual observer, as well as the "life lister," check boxes are provided as a way to reference your observations. There is also space at the end of the checklist for field notes and for listing species that are not part of the current inventory. If you discover a species not on the list, please feel free to share its location and any observations you make with the Trust. Your discovery, upon verification, can then be placed in the Trust's permanent record.



Zoology on the Preserve

Documenting animals on the Preserve is much more problematic than plants and will probably be a lifelong endeavor. After all, plants can't run away from the observer – they remain sedentary while the botanist records any amount of information about their quarry. Animals on the other hand present zoologists with the unique challenge of having to detain their subjects, in part, to study them. And most (subjects) will attempt to flee or, if flight isn't possible, fight. Also, the sheer number of species in some groups of animals, e.g. insects, makes identification a daunting challenge.

As with botany the identification of zoological specimens is on-going. The Trust has had, and will continue to enlist, the assistance of experts in any number of zoological disciplines to further our knowledge of the creatures with which we share this land. It is generally recognized (in the scientific community) that the earliest forms of animals (found in the fossil record) date to the Cambrian period of the Paleozoic era (545-505 million years ago). And as with their botanical counterparts, any animal's ability to flourish is probably affected by climate, location, migration, competition, evolution and anthropogenic influences over time.

***Mind your way:** While the wonder of discovery in the natural world can be a virtually inexhaustible and wholly rewarding pursuit, one should pay close heed to the residents of the woods that may become, to varying degrees, disagreeable. Be mindful that there are patrons of pain and allergy that can potentially shorten or end your journey. Always err on the side of good judgment.*

MAMMALS

Think of the fox, prowling in a winter night to satisfy his hunger. His race survives; I do not believe any of them ever committed suicide. – Henry David Thoreau

<input type="checkbox"/>	bat, little brown	<i>Myotis lucifugus</i>
<input type="checkbox"/>	bear, black	<i>Ursus americanus</i>
<input type="checkbox"/>	beaver, American	<i>Castor canadensis</i>
<input type="checkbox"/>	bobcat	<i>Lynx rufus</i>
<input type="checkbox"/>	chipmunk, eastern	<i>Tamias striatus</i>
<input type="checkbox"/>	coyote	<i>Canis latrans</i>
<input type="checkbox"/>	deer, white-tailed	<i>Odocoileus virginianus</i>
<input type="checkbox"/>	fox, gray	<i>Urocyon cinereoargenteus</i>
<input type="checkbox"/>	fox, red	<i>Vulpes vulpes</i>
<input type="checkbox"/>	groundhog	<i>Marmota monax</i>
<input type="checkbox"/>	mole, eastern	<i>Scalopus aquaticus</i>
<input type="checkbox"/>	mole, hairy-tailed	<i>Parascalops breweri</i>
<input type="checkbox"/>	mouse, deer	<i>Peromyscus maniculatus</i>
<input type="checkbox"/>	mouse, golden	<i>Ochrotomys nuttalli</i>
<input type="checkbox"/>	mouse, house	<i>Mus musculus</i>
<input type="checkbox"/>	mouse, white footed	<i>Peromyscus leucopus</i>
<input type="checkbox"/>	mouse, woodland jumping	<i>Napaeozapus insignis</i>
<input type="checkbox"/>	opossum	<i>Didelphis marsupialis</i>
<input type="checkbox"/>	rabbit, eastern cottontail	<i>Sylvilagus floridanus</i>
<input type="checkbox"/>	raccoon	<i>Procyon lotor</i>
<input type="checkbox"/>	shrew, long-tailed	<i>Sorex dispar</i>
<input type="checkbox"/>	shrew, masked	<i>Sorex cinereus</i>
<input type="checkbox"/>	shrew, pygmy	<i>Sorex hoyi</i>
<input type="checkbox"/>	shrew, short-tailed	<i>Blarina brevicauda</i>
<input type="checkbox"/>	shrew, smoky	<i>Sorex fumeus</i>
<input type="checkbox"/>	shrew, water	<i>Sorex palustris</i>



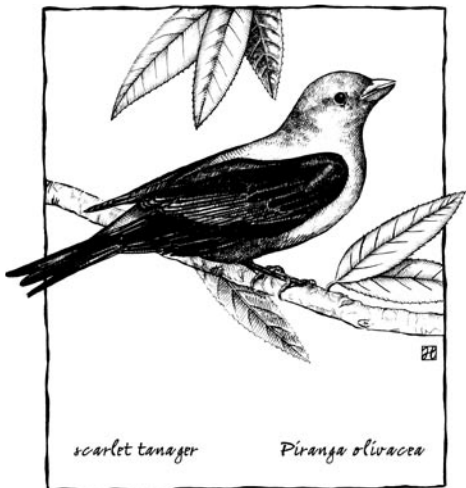
red squirrel

Tamiasciurus hudsonicus

Smaller than the gray squirrel, red squirrels are called “Boomers” by locals. Catch a glimpse of this rodent as it races along tree limbs and fusses at intruders.



- | | | |
|--------------------------|---------------------------|--------------------------------|
| <input type="checkbox"/> | skunk, striped | <i>Mephitis mephitis</i> |
| <input type="checkbox"/> | squirrel, eastern gray | <i>Sciurus carolinensis</i> |
| <input type="checkbox"/> | squirrel, red | <i>Tamiasciurus hudsonicus</i> |
| <input type="checkbox"/> | squirrel, southern flying | <i>Glaucomys volans</i> |
| <input type="checkbox"/> | vole, meadow | <i>Microtus pennsylvanicus</i> |
| <input type="checkbox"/> | vole, southern red-backed | <i>Clethrionomys gapperi</i> |



Even though the scarlet tanager is a tree-top dweller, its iridescent scarlet contrasted by black wings and tail make it conspicuous. This bird is a common nester at Balsam Mountain.

BIRDS

You never saw a bluejay get stuck for a word. He is a vocabularized geyser.
 – Mark Twain

Anatidae – Swans, Geese, Ducks

- | | | |
|--------------------------|------------------|---------------------|
| <input type="checkbox"/> | blue-winged teal | <i>Anas discors</i> |
| <input type="checkbox"/> | wood duck | <i>Aix sponsa</i> |

Cathartidae – Vultures

- | | | |
|--------------------------|----------------|-----------------------|
| <input type="checkbox"/> | turkey vulture | <i>Cathartes aura</i> |
|--------------------------|----------------|-----------------------|

Accipitridae – Accipiters, Hawks, Eagles

- | | | |
|--------------------------|--------------------|---------------------------------|
| <input type="checkbox"/> | bald eagle | <i>Haliaeetus leucocephalus</i> |
| <input type="checkbox"/> | broad-winged hawk | <i>Buteo platypterus</i> |
| <input type="checkbox"/> | cooper's hawk | <i>Accipiter cooperii</i> |
| <input type="checkbox"/> | red-tailed hawk | <i>Buteo jamaicensis</i> |
| <input type="checkbox"/> | sharp-shinned hawk | <i>Accipiter striatus</i> |

Pandionidae – Ospreys

- | | | |
|--------------------------|--------|--------------------------|
| <input type="checkbox"/> | osprey | <i>Pandion haliaetus</i> |
|--------------------------|--------|--------------------------|

Falconidae – Falcons

- | | | |
|--------------------------|--------|--------------------------|
| <input type="checkbox"/> | merlin | <i>Falco columbarius</i> |
|--------------------------|--------|--------------------------|



Phasianidae – Grouse, Turkey, Pheasant

- | | | |
|--------------------------|---------------|----------------------------|
| <input type="checkbox"/> | ruffed grouse | <i>Bonasa umbellus</i> |
| <input type="checkbox"/> | wild turkey | <i>Meleagris gallopavo</i> |

Scolopacidae – Sandpipers

- | | | |
|--------------------------|--------------------|-------------------------|
| <input type="checkbox"/> | american woodcock | <i>Scolopax minor</i> |
| <input type="checkbox"/> | solitary sandpiper | <i>Tringa solitaria</i> |

Columbidae – Pigeons, Doves

- | | | |
|--------------------------|---------------|-------------------------|
| <input type="checkbox"/> | mourning dove | <i>Zenaida macroura</i> |
|--------------------------|---------------|-------------------------|

Cuculidae – Cuckoos

- | | | |
|--------------------------|----------------------|----------------------------------|
| <input type="checkbox"/> | black-billed cuckoo | <i>Coccyzus erythrophthalmus</i> |
| <input type="checkbox"/> | yellow-billed cuckoo | <i>Coccyzus americanus</i> |

Strigidae – True Owls

- | | | |
|--------------------------|---------------------|--------------------|
| <input type="checkbox"/> | barred owl | <i>Strix varia</i> |
| <input type="checkbox"/> | eastern screech owl | <i>Otus asio</i> |

Trochilidae – Hummingbirds

- | | | |
|--------------------------|---------------------------|-----------------------------|
| <input type="checkbox"/> | ruby-throated hummingbird | <i>Archilochus colubris</i> |
|--------------------------|---------------------------|-----------------------------|

Alcedinidae – Kingfishers

- | | | |
|--------------------------|-------------------|----------------------|
| <input type="checkbox"/> | belted kingfisher | <i>Ceryle alcyon</i> |
|--------------------------|-------------------|----------------------|

Picidae – Woodpeckers

- | | | |
|--------------------------|--------------------------|-----------------------------------|
| <input type="checkbox"/> | downy woodpecker | <i>Picoides pubescens</i> |
| <input type="checkbox"/> | hairy woodpecker | <i>Picoides villosus</i> |
| <input type="checkbox"/> | northern flicker | <i>Colaptes auratus</i> |
| <input type="checkbox"/> | pileated woodpecker | <i>Dryocopus pileatus</i> |
| <input type="checkbox"/> | red-bellied woodpecker | <i>Melanerpes carolinus</i> |
| <input type="checkbox"/> | red-headed woodpecker | <i>Melanerpes erythrocephalus</i> |
| <input type="checkbox"/> | yellow-bellied sapsucker | <i>Sphyrapicus varius</i> |

Tyrannidae – Flycatchers

- | | | |
|--------------------------|---------------------------|-------------------------------|
| <input type="checkbox"/> | acadian flycatcher | <i>Empidonax virescens</i> |
| <input type="checkbox"/> | eastern phoebe | <i>Sayornis phoebe</i> |
| <input type="checkbox"/> | eastern wood-pewee | <i>Contopus virens</i> |
| <input type="checkbox"/> | great crested flycatcher | <i>Myiarchus crinitus</i> |
| <input type="checkbox"/> | least flycatcher | <i>Empidonax minimus</i> |
| <input type="checkbox"/> | olive-sided flycatcher | <i>Contopus cooperi</i> |
| <input type="checkbox"/> | yellow-bellied flycatcher | <i>Empidonax flaviventris</i> |

Hirundinidae – Swallows

- | | | |
|--------------------------|-------------------------------|-----------------------------------|
| <input type="checkbox"/> | barn swallow | <i>Hirundo rustica</i> |
| <input type="checkbox"/> | northern rough-winged swallow | <i>Stelgidopteryx serripennis</i> |

Apodidae – Swifts

- | | | |
|--------------------------|---------------|--------------------------|
| <input type="checkbox"/> | chimney swift | <i>Chaetura pelagica</i> |
|--------------------------|---------------|--------------------------|



Paridae – Chickadees, Titmice

<input type="checkbox"/>	black-capped chickadee	<i>Poecile atricapilla</i>
<input type="checkbox"/>	Carolina chickadee	<i>Poecile carolinensis</i>
<input type="checkbox"/>	tufted titmouse	<i>Baeolophus bicolor</i>

Sittidae – Nuthatches

<input type="checkbox"/>	red-breasted nuthatch	<i>Sitta canadensis</i>
<input type="checkbox"/>	white-breasted nuthatch	<i>Sitta carolinensis</i>

Certhiidae – Creepers

<input type="checkbox"/>	brown creeper	<i>Certhia americana</i>
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Troglodytidae – Wrens

<input type="checkbox"/>	Carolina wren	<i>Thryothorus ludovicianus</i>
<input type="checkbox"/>	house wren	<i>Troglodytes aedon</i>
<input type="checkbox"/>	winter wren	<i>Troglodytes troglodytes</i>

Regulidae – Gnatcatchers, Kinglets

<input type="checkbox"/>	blue-gray gnatcatcher	<i>Poliophtila caerulea</i>
<input type="checkbox"/>	golden-crowned kinglet	<i>Regulus satrapa</i>
<input type="checkbox"/>	ruby-crowned kinglet	<i>Regulus calendula</i>

Turdidae – Thrushes

<input type="checkbox"/>	American robin	<i>Turdus migratorius</i>
<input type="checkbox"/>	eastern bluebird	<i>Sialia sialis</i>
<input type="checkbox"/>	gray-cheeked thrush	<i>Catharus minimus</i>
<input type="checkbox"/>	hermit thrush	<i>Catharus guttatus</i>
<input type="checkbox"/>	Swainson's thrush	<i>Catharus ustulatus</i>
<input type="checkbox"/>	veery	<i>Catharus fuscescens</i>
<input type="checkbox"/>	wood thrush	<i>Hylocichla mustelina</i>

Mimidae – Mockingbirds, Thrashers

<input type="checkbox"/>	brown thrasher	<i>Toxostoma rufum</i>
<input type="checkbox"/>	gray catbird	<i>Dumetella carolinensis</i>
<input type="checkbox"/>	northern mockingbird	<i>Mimus polyglottos</i>

Corvidae – Crows, Jays

<input type="checkbox"/>	American crow	<i>Corvus brachyrhynchos</i>
<input type="checkbox"/>	blue jay	<i>Cyanocitta cristata</i>
<input type="checkbox"/>	common raven	<i>Corvus corax</i>

Bombycillidae – Waxwings

<input type="checkbox"/>	cedar waxwing	<i>Bombycilla cedrorum</i>
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Vireonidae – Vireos

<input type="checkbox"/>	blue-headed vireo	<i>Vireo solitarius</i>
<input type="checkbox"/>	Philadelphia vireo	<i>Vireo philadelphicus</i>
<input type="checkbox"/>	red-eyed vireo	<i>Vireo olivaceus</i>
<input type="checkbox"/>	white-eyed vireo	<i>Vireo griseus</i>



yellow-throated vireo *Vireo flavifrons*

Parulidae – Wood Warblers

<input type="checkbox"/>	American redstart	<i>Setophaga ruticilla</i>
<input type="checkbox"/>	bay-breasted warbler	<i>Dendroica castanea</i>
<input type="checkbox"/>	black-and-white warbler	<i>Mniotilta varia</i>
<input type="checkbox"/>	black-throated blue warbler	<i>Dendroica caerulescens</i>
<input type="checkbox"/>	black-throated green warbler	<i>Dendroica virens</i>
<input type="checkbox"/>	Blackburnian warbler	<i>Dendroica fusca</i>
<input type="checkbox"/>	blackpoll warbler	<i>Dendroica striata</i>
<input type="checkbox"/>	Canada warbler	<i>Wilsonia canadensis</i>
<input type="checkbox"/>	cerulean warbler	<i>Dendroica cerulea</i>
<input type="checkbox"/>	chestnut-sided warbler	<i>Dendroica pensylvanica</i>
<input type="checkbox"/>	common yellowthroat	<i>Geothlypis trichas</i>
<input type="checkbox"/>	golden-winged warbler	<i>Vermivora chrysoptera</i>
<input type="checkbox"/>	hooded warbler	<i>Wilsonia citrina</i>
<input type="checkbox"/>	Kentucky warbler	<i>Oporornis formosus</i>
<input type="checkbox"/>	Louisiana waterthrush	<i>Seiurus motacilla</i>
<input type="checkbox"/>	magnolia warbler	<i>Dendroica magnolia</i>
<input type="checkbox"/>	Nashville warbler	<i>Vermivora ruficapilla</i>
<input type="checkbox"/>	northern parula	<i>Parula americana</i>
<input type="checkbox"/>	orange-crowned warbler	<i>Vermivora celata</i>
<input type="checkbox"/>	ovenbird	<i>Seiurus aurocapillus</i>
<input type="checkbox"/>	palm warbler	<i>Dendroica palmarum</i>
<input type="checkbox"/>	pine warbler	<i>Dendroica pinus</i>
<input type="checkbox"/>	Tennessee warbler	<i>Vermivora peregrina</i>
<input type="checkbox"/>	worm-eating warbler	<i>Helmitheros vermivorus</i>
<input type="checkbox"/>	yellow-rumped warbler	<i>Dendroica coronata</i>

Thraupidae – Tanagers

<input type="checkbox"/>	scarlet tanager	<i>Piranga olivacea</i>
<input type="checkbox"/>	summer tanager	<i>Piranga rubra</i>

Cardinalinae – Cardinal, Bunting, Grosbeak

<input type="checkbox"/>	indigo bunting	<i>Passerina cyanea</i>
<input type="checkbox"/>	northern cardinal	<i>Cardinalis cardinalis</i>
<input type="checkbox"/>	rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>

Emberizinae – Sparrows, Towhee, Junco

<input type="checkbox"/>	chipping sparrow	<i>Spizella passerina</i>
<input type="checkbox"/>	dark-eyed junco	<i>Junco hyemalis</i>
<input type="checkbox"/>	eastern towhee	<i>Pipilo erythrophthalmus</i>
<input type="checkbox"/>	field sparrow	<i>Spizella pusilla</i>
<input type="checkbox"/>	Lincoln's sparrow	<i>Melospiza lincolni</i>
<input type="checkbox"/>	Savannah sparrow	<i>Passerculus sandwichensis</i>
<input type="checkbox"/>	song sparrow	<i>Melospiza melodia</i>
<input type="checkbox"/>	white-crowned sparrow	<i>Zonotrichia leucophrys</i>
<input type="checkbox"/>	white-throated sparrow	<i>Zonotrichia albicollis</i>



Fringillidae – Crossbills, Finches

<input type="checkbox"/> American goldfinch	<i>Carduelis tristis</i>
<input type="checkbox"/> pine siskin	<i>Carduelis pinus</i>
<input type="checkbox"/> purple finch	<i>Carpodacus purpureus</i>

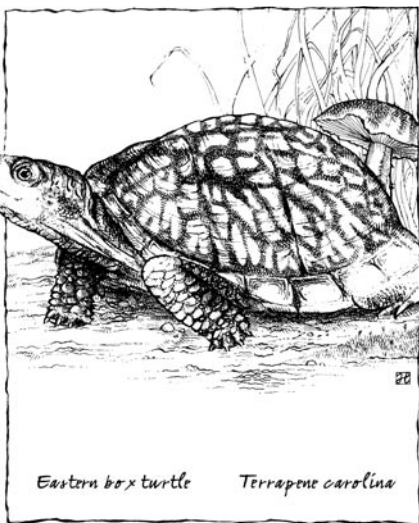
Icteridae – Blackbirds, Orioles

<input type="checkbox"/> Baltimore oriole	<i>Icterus galbula</i>
<input type="checkbox"/> brown-headed cowbird	<i>Molothrus ater</i>
<input type="checkbox"/> common grackle	<i>Quiscalus quiscula</i>
<input type="checkbox"/> eastern meadowlark	<i>Sturnella magna</i>

Sturnidae – Starlings

<input type="checkbox"/> European starling	<i>Sturnus vulgaris</i>
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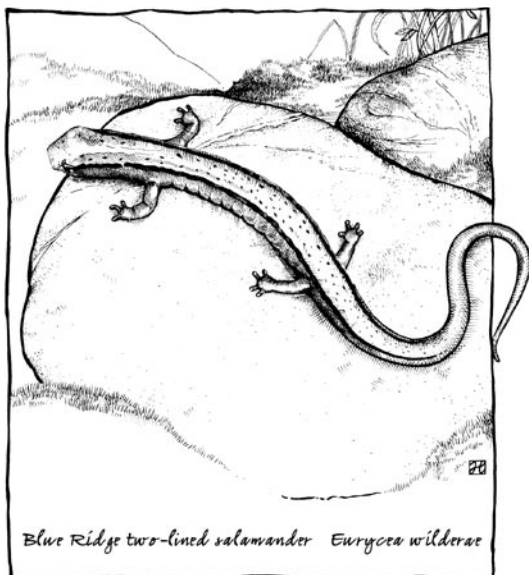
The eastern box turtle is a well-known turtle with a dome-shaped shell (carapace). Females have brown or yellow eyes while males usually have red eyes.



REPTILES

Love is a teasing thing, acts just like a lizard; Crawls up an down your ole back bone and nibbles at your gizzard... – Green Rocky Road song collected by Harold Courlander

<input type="checkbox"/> lizard, northern fence	<i>Sceloporus undulatus hyacinthinus</i>
<input type="checkbox"/> rattlesnake, timber	<i>Crotalus horridus</i>
<input type="checkbox"/> skink, coal	<i>Eumeces anthracinus</i>
<input type="checkbox"/> skink, five-lined	<i>Eumeces fasciatus</i>
<input type="checkbox"/> snake, black rat	<i>Elaphe obsoleta obsoleta</i>
<input type="checkbox"/> snake, copperhead	<i>Agkistrodon contortrix mokasen</i>
<input type="checkbox"/> snake, eastern garter	<i>Thamnophis sirtalis sirtalis</i>
<input type="checkbox"/> snake, northern water	<i>Nerodia sipedon sipedon</i>
<input type="checkbox"/> snake, northern ring-necked	<i>Diadophis punctatus edwardsii</i>
<input type="checkbox"/> snake, northern red-bellied	<i>Storeria occipitomaculata</i>
<input type="checkbox"/> turtle, eastern box	<i>Terrapene carolina carolina</i>
<input type="checkbox"/> turtle, eastern snapping	<i>Chelydra serpentina serpentina</i>



The two-lined salamander lives in or near springs and streams in the Preserve's hardwood forests. Note the two lines along its back.

Blue Ridge two-lined salamander *Eurycea wilderae*



AMPHIBIANS

Bullfrog, Oh Bullfrog, what makes your back so green? It's so I can hide in the weeds in the swamp; There I'll never be seen... – Doug Elliott

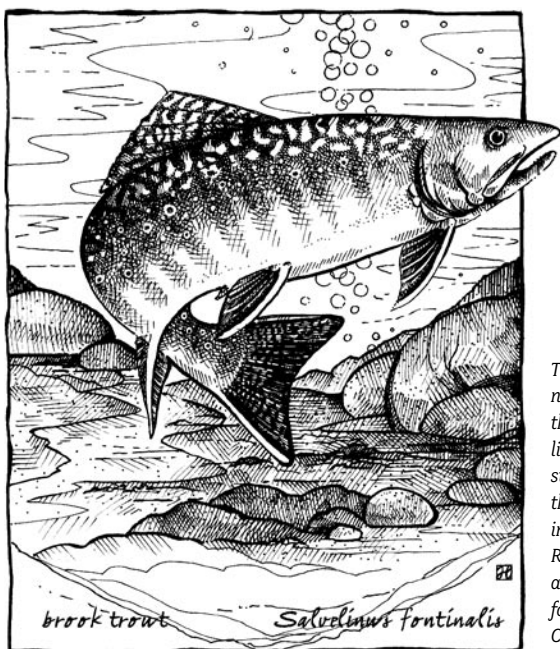
<input type="checkbox"/>	bullfrog, American	<i>Rana catesbeiana</i>
<input type="checkbox"/>	frog, gray tree	<i>Hyla versicolor</i>
<input type="checkbox"/>	frog, pickerel	<i>Rana palustris</i>
<input type="checkbox"/>	frog, southern leopard	<i>Rana sphenoccephala utricularia</i>
<input type="checkbox"/>	frog, upland chorus	<i>Pseudacris f. feriarum</i>
<input type="checkbox"/>	frog, wood	<i>Rana sylvatica</i>
<input type="checkbox"/>	newt, red-spotted	<i>Notophthalmus v. viridescens</i>
<input type="checkbox"/>	peeper, northern spring	<i>Pseudacris c. crucifer</i>
<input type="checkbox"/>	salamander, black-bellied	<i>Desmognathus monticola</i>
<input type="checkbox"/>	salamander, Blue Ridge two-lined	<i>Eurycea wilderae</i>
<input type="checkbox"/>	salamander, mountain dusky	<i>Desmognathus ochrophaeus</i>
<input type="checkbox"/>	salamander, northern slimy	<i>Plethodon glutinosus</i>
<input type="checkbox"/>	salamander, pigmy	<i>Desmognathus wrighti</i>
<input type="checkbox"/>	salamander, Santeetlah dusky	<i>Desmognathus santeetlah</i>
<input type="checkbox"/>	salamander, seal	<i>Desmognathus monticola</i>
<input type="checkbox"/>	salamander, shovelnose	<i>Desmognathus marmoratus</i>
<input type="checkbox"/>	salamander, southern Appalachian	<i>Plethodon teyahalee</i>
<input type="checkbox"/>	salamander, southern gray-cheeked	<i>Plethodon jordani</i>
<input type="checkbox"/>	salamander, southern redback	<i>Plethodon serratus</i>
<input type="checkbox"/>	toad, eastern American	<i>Anaxyrus a. americanus</i>



FISH

Do not tell fish stories where the people know you; but particularly, don't tell them where they know the fish. – Mark Twain

<input type="checkbox"/>	hogsucker, northern	<i>Hypentelium nigricans</i>
<input type="checkbox"/>	trout, brook	<i>Salvelinus fontinalis</i>
<input type="checkbox"/>	trout, brown	<i>Salmo trutta</i>
<input type="checkbox"/>	trout, rainbow	<i>Oncorhynchus mykiss</i>



The only true native trout, the brook trout lives in several streams on the Preserve including Dark Ridge, Licklog, and the south fork of Sugarloaf Creek.



INSECTS & OTHER INVERTEBRATES

The speech of insects and the speech of men are heard with different ears. – Shiki, 17th Century Zen Poet

Beetles

<input type="checkbox"/>	beetle, Carolina sawyer	<i>Monochamus spp.</i>
<input type="checkbox"/>	beetle, ladybird	<i>Tribe spp.</i>
<input type="checkbox"/>	beetle, lightning bug	<i>Lampyridae</i>
<input type="checkbox"/>	beetle, locust borer	<i>Neoclytus spp.</i>

Butterflies

<input type="checkbox"/>	admiral, red	<i>Vanessa atalanta</i>
<input type="checkbox"/>	azure, Appalachian	<i>Celastrina neglectamajor</i>
<input type="checkbox"/>	azure, spring	<i>Celastrina argiolus</i>
<input type="checkbox"/>	blue, eastern tailed	<i>Everes comyntas</i>
<input type="checkbox"/>	brown, Appalachian	<i>Satyrodes appalachia</i>
<input type="checkbox"/>	cloak, mourning	<i>Nymphalis antiopa</i>
<input type="checkbox"/>	comma, eastern	<i>Polygonia comma</i>
<input type="checkbox"/>	crescent, pearl	<i>Phyciodes tharos</i>
<input type="checkbox"/>	fritillary, great spangled	<i>Speyeria cybele</i>
<input type="checkbox"/>	monarch	<i>Danaus plexippus</i>
<input type="checkbox"/>	orange tip, falcate	<i>Anthocharis midealimennis</i>
<input type="checkbox"/>	purple, red-spotted	<i>Arthemis astyanax</i>
<input type="checkbox"/>	skipper, silver-spotted	<i>Epargyreus clarus</i>
<input type="checkbox"/>	swallowtail, black	<i>Papilio polyxenes asterius</i>
<input type="checkbox"/>	swallowtail, eastern tiger	<i>Papilio glaucus</i>
<input type="checkbox"/>	swallowtail, pipevine	<i>Battus philenor</i>
<input type="checkbox"/>	swallowtail, spicebush	<i>Papilio troilus</i>
<input type="checkbox"/>	wood-nymph, common	<i>Cercyonis pegala</i>



The pipevine swallowtail is common along the Preserve's roadsides and woodland edges. It lays its eggs on the Dutchman's pipe, commonly called pipevine or smoke vine.



Caddisflies, Mayflies & Stoneflies

<input type="checkbox"/>	<i>Apatania praevolans</i>	<input type="checkbox"/>	<i>Oropsyche howellae</i>
<input type="checkbox"/>	<i>Arctopsyche irrorata</i>	<input type="checkbox"/>	<i>Parapsyche apicalis</i>
<input type="checkbox"/>	<i>Ceratopsyche morosa</i>	<input type="checkbox"/>	<i>Parapsyche cardis</i>
<input type="checkbox"/>	<i>Ceratopsyche slossonae</i>	<input type="checkbox"/>	<i>Phylocentropus lucidus</i>
<input type="checkbox"/>	<i>Ceratopsyche sparna</i>	<input type="checkbox"/>	<i>Phylocentropus auriceps</i>
<input type="checkbox"/>	<i>Cheumatopsyche analis</i>	<input type="checkbox"/>	<i>Polycentropus carolinensis</i>
<input type="checkbox"/>	<i>Cheumatopsyche gracilis</i>	<input type="checkbox"/>	<i>Polycentropus cinereus</i>
<input type="checkbox"/>	<i>Cheumatopsyche harwoodi enigma</i>	<input type="checkbox"/>	<i>Polycentropus maculatus</i>
<input type="checkbox"/>	<i>Diplectronea metaqui</i>	<input type="checkbox"/>	<i>Polycentropus harpi</i>
<input type="checkbox"/>	<i>Diplectronea modesta</i>	<input type="checkbox"/>	<i>Polycentropus rickeri</i>
<input type="checkbox"/>	<i>Dolophilodes major</i>	<input type="checkbox"/>	<i>Polycentropus sp.</i>
<input type="checkbox"/>	<i>Dolophilodes distinctus</i>	<input type="checkbox"/>	<i>Pseudostenophylax uniformis</i>
<input type="checkbox"/>	<i>Fattigia pele</i>	<input type="checkbox"/>	<i>Psilotreta amera</i>
<input type="checkbox"/>	<i>Glossosoma nigrior</i>	<input type="checkbox"/>	<i>Psilotreta frontalis</i>
<input type="checkbox"/>	<i>Goera calcarata</i>	<input type="checkbox"/>	<i>Psilotreta rossi</i>
<input type="checkbox"/>	<i>Goera fuscula</i>	<input type="checkbox"/>	<i>Psilotreta rufa</i>
<input type="checkbox"/>	<i>Goerita semata</i>	<input type="checkbox"/>	<i>Ptilostomis ocellifera</i>
<input type="checkbox"/>	<i>Homoplectra flinti</i>	<input type="checkbox"/>	<i>Pycnopsyche antica</i>
<input type="checkbox"/>	<i>Homoplectra monticola</i>	<input type="checkbox"/>	<i>Pycnopsyche flavata</i>
<input type="checkbox"/>	<i>Hydropsyche betteni</i>	<input type="checkbox"/>	<i>Pycnopsyche gentilis</i>
<input type="checkbox"/>	<i>Lepidostoma cf. americanum</i>	<input type="checkbox"/>	<i>Pycnopsyche sonso</i>
<input type="checkbox"/>	<i>Lepidostoma griseus</i>	<input type="checkbox"/>	<i>Rhyacophila appalachia</i>
<input type="checkbox"/>	<i>Lepidostoma latipene</i>	<input type="checkbox"/>	<i>Rhyacophila atrata</i>
<input type="checkbox"/>	<i>Lepidostoma lydia</i>	<input type="checkbox"/>	<i>Rhyacophila carolina</i>
<input type="checkbox"/>	<i>Lepidostoma mitchelli</i>	<input type="checkbox"/>	<i>Rhyacophila cf. carpenteri</i>
<input type="checkbox"/>	<i>Lepidostoma modestum</i>	<input type="checkbox"/>	<i>Rhyacophila fuscula</i>
<input type="checkbox"/>	<i>Lepidostoma ontario</i>	<input type="checkbox"/>	<i>Rhyacophila glaberrima</i>
<input type="checkbox"/>	<i>Lype diversa</i>	<input type="checkbox"/>	<i>Rhyacophila mycta</i>
<input type="checkbox"/>	<i>Micrasema cf. rusticum</i>	<input type="checkbox"/>	<i>Rhyacophila teddyi</i>
<input type="checkbox"/>	<i>Micrasema cf. sprulesi</i>	<input type="checkbox"/>	<i>Rhyacophila torva</i>
<input type="checkbox"/>	<i>Molanna blenda</i>	<input type="checkbox"/>	<i>Theliopsyche corona</i>
<input type="checkbox"/>	<i>Neophylax sp.</i>	<input type="checkbox"/>	<i>Theliopsyche grisea</i>
<input type="checkbox"/>	<i>Nyctiophylax nephophilus</i>	<input type="checkbox"/>	<i>Triaenodes taenia</i>
<input type="checkbox"/>	<i>Nyctiophylax sp.</i>	<input type="checkbox"/>	<i>Wormaldia moesta</i>
<input type="checkbox"/>	<i>Nyctiophylax unicus</i>	<input type="checkbox"/>	<i>Wormaldia shawnee</i>
<input type="checkbox"/>	<i>Oecetis inconspicua</i>		

Cicadas & Allies

<input type="checkbox"/>	dog-day cicada	<i>Tibican canicularis</i>
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Flies

<input type="checkbox"/>	cranefly	<i>Tipula spp.</i>
<input type="checkbox"/>	robberfly	<i>Asilidae</i>

Grasshoppers, Crickets & Allies

<input type="checkbox"/>	cricket, cave or camel	<i>Ceuthophilus spp.</i>
<input type="checkbox"/>	grasshopper, Carolina	<i>Dissosteira carolina</i>
<input type="checkbox"/>	katydid, true	<i>Pterophylla camellifolia</i>



mantis, Chinese praying *Tenodera sinensis*

Moths

moth, cecropia *Hyalophora cecropia*
 moth, eastern tent caterpillar *Malacosoma americanum*
 moth, hummingbird *Hemaris spp.*
 moth, io *Automeris io*
 moth, luna *Actias luna*
 moth, polyphemus *Antheraea polyphemus*
 moth, regal *Citheronia regalis*
 moth, rosy maple *Dryocampa rubicunda*
 moth, sphinx *Manduca spp.*
 moth, tulip tree silk *Callosamia angulifera*

Spiders & Spider Allies

daddy-long-legs *Pholcidae*
 harvestman *Phalangida*
 spider, black widow *Latrodectus spp.*
 spider, common house *Achaearanea spp.*
 spider, crab or flower *Misumena spp.*
 spider, funnel weaver *Agelenopsis spp.*
 spider, garden *Argiope spp.*
 spider, jumping *Salticus spp.*
 spider, spiny or helmet *Micrathena spp.*
 spider, wolf *Lycosas spp.*

True bugs

spined stink bug *Podisus maculiventris*

Wasps, Bees & Hornets

bald-faced hornet *Dolichovespula maculate*
 cicada killer *Sphecius speciosus*
 European hornet *Vespa crabro*
 spider-hunting wasp *Anoplius spp.*

Miscellaneous

centipede *Class chilopoda*
 earthworm *Lumbricus spp.*
 millipede *Class diplopoda*
 snail, common *Haplotrema sportella*

