

VERTEBRATE BIODIVERSITY SURVEY OF THE WARREN WILSON COLLEGE PROPERTY

Kingdom Animalia

Phylum Chordata

Subphylum Vertebrata

Superclass Agnatha (jawless fish)

Class Cephalaspidomorpha

Order Petromyzontiformes

Family Petromyzontidae (lampreys)

Ichthyomyzon greeieyi (mountain brook
lamprey)

Superclass Gnathostomata (jawed vertebrates)

Class Actinopterygii (ray-finned fish)

Order Cypriniformes (carp and minnows)

Family Cyprinidae

Cyprinella galactura (white-tailed shiner)

Cyprinus carpio (common carp)

Campostoma anomalum (central
stoneroller)

Etheostoma rufilineatum (redline darter)

Luxilus coccogenis (warpaint shiner)

Rhinichthys atratulus (black-nosed dace)

Order Siluriformes (catfish)

Family Ictaluridae

Ameiurus natalis (yellow bullhead)

Ictalurus punctatus (channel catfish)

Order Perciformes (perches, basses, tunas, barracudas)

Family Percichthyidae

Ambloplites rupestris (rock bass)

Family Centrarchidae (bass and sunfish)

Micropterus dolomieu (smallmouth bass)

Micropterus salmoides (largemouth bass)

Lepomis cyanellus (green sunfish)

Lepomis gibbosus (pumpkinseed)

Lepomis macrochirus (bluegill)

Pomoxis nigromaculatus (black crappie)

Class Amphibia

Order Caudata (salamanders)

Family Ambystomatidae (mole salamanders)

Ambystoma maculatum (spotted salamander)

Ambystoma talpoideum (mole salamander)

special concern

Family Plethodontidae (lungless salamanders)

Desmognathus quadramaculatus (black-bellied salamander)

Desmognathus ochrophaeus (mountain dusky salamander)

Desmognathus monticola (seal salamander)

Eurycea bislineata wilderae (Blue-ridge two lined salamander)

Plethodon glutinosus (slimy salamander)

Plethodon cinereus (red-backed salamander)

Plethodon jordani (Appalachian woodland salamander)

Plethodon ruber (red salamander)

Plethodon yonahlossee (yonahlossee salamander)

Family Salamandridae (newts)

Notophthalmus viridescens (eastern newt)

Family Proteidae (mudpuppies)

Necturus maculosus (mudpuppy)

Order Anura (frogs and toads)

Family Bufonidae (toads)

Bufo americanus (American toad)

Family Hylidae (treefrogs)

Acris crepitans (northern cricket frog)

Pseudacris triseriata (upland chorus frog)

Pseudacris crucifer (spring peeper)

Hyla versicolor (grey treefrog)

Family Ranidae (true frogs)

Rana catesbeiana (bullfrog)

Rana clamitans (green frog)

Rana palustris (pickerel frog)

Rana spenocephala (southern leopard frog)

Rana sylvatica (wood frog)

Scaphiopus holbrooki (eastern spadefoot toad)

Class Reptilia

Order Testudines (turtles and tortoises)

Family Chelydridae (snapping turtles)

Chelydra serpentina (snapping turtle)

Family Kinosternidae (mud and musk turtles)

Sternotherus odoratus (common musk turtle)

Family Emydidae (pond, river, and box turtles)

Chrysemys picta picta (painted turtle)

Terrapene carolina (eastern box turtle)

Order Squamata (lizards and snakes)

Suborder Lacertilia (lizards)

Family Iguanidae

Sceloporus undulatus (fence lizard)

Suborder Serpentes (snakes)

Family Colubridae

- Diadophis punctatus* (ringneck snake)
- Elaphe obsoleta* (rat snake)
- Opheodrys aestivus* (rough green snake)
- Regina septemvittata* (queen snake)
- Thamnophis sirtalis sirtalis* (eastern garter snake)
- Nerodia sipedon* (northern water snake)

Family Viperidae (pit vipers)

- Agkistrodon contortrix* (copperhead)
- Crotalus horridus* (timber rattlesnake)

Class Aves? Class Reptilia? (birds)

Order Ciconiiformes

Family Podicipedidae (grebes)

- Podilymbus podiceps* (pied-billed grebe)

Family Ardeidae (herons)

- Ardea herodias* (great blue heron)
- Butorides striatus* (green heron)
- Nycticorax nycticorax* (black-crowned night heron)

- Casmerodius albus* (great egret)

Family Accipitridae (ospreys, eagles, hawks, kites, harriers)

- Accipiter cooperii* (Cooper's hawk)
- Accipiter striatus* (sharp-shinned hawk)
- Buteo jamaicensis* (red-tailed hawk)
- Buteo lineatus* (red-shouldered hawk)
- Buteo platypterus* (broad-winged hawk)

Family Ciconiidae

- Mycteria Americana* (wood stork)

Family Falconidae (falcons)

- Falco sparverius* (American kestrel)
- Cathartes aura* (turkey vulture)

Family Charadriidae (plovers, avocets, stilts, oystercatchers)

- Charadrius vociferus* (killdeer)
- Pluvialis squatarola* (black-bellied plover)

Family Scolopacidae (sandpipers, woodcock, snipe, curlews)

- Actitis macularia* (spotted sandpiper)
- Gallinago gallinago* (common snipe)
- Scolopax minor* (American woodcock)
- Tringa melanoleuca* (greater yellowlegs)
- Tringa solitaria* (solitary sandpiper)

Order Anseriformes (ducks, geese, swans, screamers)

Family Anatidae (ducks, geese, swans)

- Aix sponsa* (wood duck)

Anas crecca (green-winged teal)
Anas platyrhynchos (mallard)
Aythya collaris (ring-necked duck)
Branta canadensis (Canada goose)
Bucephala albeola (bufflehead)

Order Galliformes (pheasants, grouse, chickens, turkeys, peacocks)

Family Phasianidae (pheasants, turkeys, grouse)
Bonasa umbellus (ruffed grouse)
Colinus virginianus (northern bobwhite)
Meleagris gallopavo (wild turkey)

Order Columbiformes (pigeons, doves, dodos)

Family Columbidae (doves, pigeons)
Columba livia (rock dove)
Zenaida macroura (mourning dove)

Order Cuculiformes (cuckoos, roadrunners)

Family Coccyzidae (New World cuckoos)
Coccyzus erythrophthalmus (black-billed cuckoo)
Coccyzus americanus (yellow-billed cuckoo)

Order Strigiformes (owls, frogmouths, nightjars, nighthawks, whip-poor-wills)

Family Strigidae (owls)
Bubo virginianus (great-horned owl)
Otus asio (eastern screech owl)
Strix varia (barred owl)

Family Caprimulgidae
Chordeiles minor (common nighthawk)

Order Apodiformes (swifts)

Family Apodidae (swifts)
Chaetura pelagica (chimney swift)

Order Trochiliformes (hummingbirds)

Family Trochilidae
Archilochus colubris (ruby-throated hummingbird)

Family Alcedinidae
Ceryle alcyon (belted kingfisher)

Order Piciformes (honeyguides, woodpeckers, toucans)

Family Picidae (woodpeckers)
Colaptes auratus (common flicker- yellow shafted)
Dryocopus pileatus (pileated woodpecker)
Melanerpes carolinus (red-bellied woodpecker)
Picoides pubescens (downy woodpecker)
Picoides villosus (hairy woodpecker)
Sphyrapicus varius (yellow-bellied sapsucker)

Order Passeriformes (everything else)

- Family Tyrannidae (flycatchers)
 - Contopus virens* (eastern wood-pewee)
 - Empidonax traillii* (willow flycatcher)
 - Myiarchus crinitus* (great crested flycatcher)
 - Sayornis phoebe* (eastern phoebe)
 - Tyrannus tyrannus* (eastern kingbird)
- Family Hirundinidae (swallows, martins)
 - Hirundo pyrrhonota* (cliff swallow)
 - Hirundo rustica* (barn swallow)
 - Progne subis* (purple martin)
 - Stelgidopteryx serripennis* (northern rough-winged swallow)
 - Tachycineta bicolor* (tree swallow)
- Family Corvidae (crows, jays, ravens, magpies)
 - Cyanocitta cristata* (blue jay)
 - Corvus brachyrhynchos* (American crow)
- Family Paridae (titmice, chickadees)
 - Parus carolinensis* (Carolina chickadee)
 - Parus bicolor* (tufted titmouse)
- Family Sittidae (nuthatches)
 - Sitta carolinensis* (white-breasted nuthatch)
- Family Certhiidae
 - Certhia americana* (brown creeper)
- Family Troglodytidae
 - Thryothosrus ludovicianus* (Carolina wren)
 - Troglodytes aedon* (house wren)
- Family Regulidae
 - Regulus satrapa* (golden-crowned kinglet)
 - Regulus calendula* (ruby-crowned kinglet)
- Family Muscicapidae or Turdidae (thrushes, chats)
 - Catharus guttatus* (hermit thrush)
 - Hylocichla mustelina* (wood thrush)
 - Poliophtila caerulea* (blue-gray gnatcatcher)
 - Siala sialis* (eastern bluebird)
 - Turdus migratorius* (American robin)
- Family Bombycillidae (waxwings)
 - Bombycilla cedrorum* (cedar waxwing)
- Family Sturnidae (mockingbirds, thrashers, catbirds)
 - Sturnus vulgaris* (European starling)
 - Dumetella carolinensis* (gray catbird)
 - Mimus polyglottos* (northern mockingbird)
 - Toxostoma rufum* (brown thrasher)
- Family Vireonidae (vireos)
 - Vireo flavifrons* (yellow-throated vireo)
 - Vireo griseus* (white-eyed vireo)
 - Vireo olivaceus* (red-eyed vireo)
 - Vireo solitarius* (blue-headed vireo)

Family Fringillidae (warblers, towhees, cardinals, meadowlarks, cowbirds, bobolinks, tanagers, grosbeaks, buntings, New World sparrows)

Geothlypis trichas (common yellowthroat)
Dendroica caerulescens (black-throated blue)
Dendroica coronata (yellow-rumped warbler)
Dendroica magnolia (magnolia warbler)
Dendroica pensylvanica (chestnut-sided warbler)
Dendroica petechia (yellow warbler)
Dendroica palmarum (palm warbler)
Dendroica pinus (pine warbler)
Dendroica striata (blackpoll warbler)
Dendroica tigrina (Cape May warbler)
Dendroica virens (black-throated green warbler)
Helmitheros vermivorus (worm-eating warbler)
Icteria virens (yellow-breasted chat)
Mniotilta varia (black-and-white warbler)
Wilsonia citrina (hooded warbler)
Parula americana (northern parula)
Seiurus aurocapillus (ovenbird)
Dolichonyx oryzivorus (bobolink)
Molothrus ater (brown-headed cowbird)
Sturnella magna (eastern meadowlark)
Agelaius phoeniceus (red-winged blackbird)
Piranga olivacea (scarlet tanager)
Quiscalus quiscula (common grackle)
Icterus galbula (northern oriole)
Icterus spurius (orchard oriole)
Cardinalis cardinalis (northern cardinal)
Pheucticus ludovicianus (rose-breasted grosbeak)
Passerina cyanea (indigo bunting)
Carpodacus mexicanus (house finch)
Carduelis tristis (American goldfinch)
Pipilo erythrophthalmus (rufous-sided towhee)
Ammodramus savannarum (grasshopper sparrow)
Junco hyemalis (Dark-eyed junco slate colored)
Passerella iliaca (fox sparrow)
Passerculus sandwichensis (savannah sparrow)
Spizella passerina (chipping sparrow)
Spizella pusilla (field sparrow)
Zonotrichia leucophrys (white-crowned sparrow)
Zonotrichia albicollis (white-throated sparrow)
Melospiza georgiana (swamp sparrow)
Melospiza melodia (song sparrow)

Family Passeridae (Old World sparrows, pipits)
Passer domesticus (house sparrow)
Anthus spinoletta (water pipit)

Class Mammalia

Order Didelphimorpha (opossums)

Family Didelphidae (opossums)

Didelphis virginiana (Virginia opossum)

Order Insectivora (shrews, moles)

Family Soricidae (shrews)

Cryptotis parva (least shrew)

Family Talpidae (moles)

Condylura cristata (starnosed mole) **special concern**

Scalopus aquaticus (eastern mole)

Order Chiroptera (bats)

Family Vespertilionidae

Myotis lucifugus (little brown myotis)

Order Lagomorpha (hares, rabbits, pikas)

Family Leporidae (hares and rabbits)

Sylvilagus floridanus (eastern cottontail)

Order Rodentia (rats, mice, capybaras, beavers, squirrels, chipmunks, marmots, prairie dogs)

Family Sciuridae (squirrels, chipmunks, marmots, prairie dogs)

Glaucomys volans (southern flying squirrel)

Marmota monax (whistle pig -woodchuck)

Sciurus carolinensis (gray squirrel)

Tamias striatus (eastern chipmunk)

Family Castoridae (beavers)

Castor canadensis (beaver)

Family Muridae (rats, mice, hamsters, voles, gerbils)

Peromyscus leucopus (white-footed mouse)

Napaeozapus insignis (woodland jumping mouse)

Neotoma floridana (eastern woodrat)

Ondatra zibethicus (muskrat)

Rattus norvegicus (Norway rat)

Rattus rattus (black rat)

Mus musculus (house mouse)

Order Carnivora

Family Canidae (dogs, wolves, coyotes, foxes)

Canis latrans (coyote)

Vulpes vulpes (red fox)

Urocyon cinereoargenteus (gray fox)

Family Procyonidae (raccoons, coatis)

Procyon lotor (raccoon)

Mephitis mephitis (striped skunk)

Family Felidae (cats)

Lynx rufus (bobcat)

Family Ursidae (bears and pandas)

Ursus americanus (black bear)

Family Cervidae (deer)

Odocoileus virginianus (white-tail deer)