

VERTEBRATE ANIMALS  
OF THE  
CALVIN COLLEGE  
ECOSYSTEM PRESERVE  
A Checklist



Eastern Box Turtle (*Terrapene Carolina*)

## Vertebrate Animals of the Calvin College Ecosystem Preserve

The animals in this checklist were identified on the Preserve between 1982 and April 2010. Some are observed regularly and are known to breed; others use the Preserve only during seasonal migrations. Many are common, while others are observed only rarely. Blanks before each species allow you to use this document as a checklist. If you observe an animal that is not listed, please contact the program manager at (616) 526-7601.

### Salamanders, Frogs and Toads (Class Amphibia)

- 1. Blue-spotted Salamander  
(*Ambystoma laterale*)
- 2. Spotted Salamander  
(*Ambystoma maculatum*)
- 3. American Toad  
(*Bufo americanus*)
- 4. Gray Treefrog  
(*Hyla versicolor*)
- 5. Spring Peeper  
(*Pseudacris crucifer*)
- 6. Western Chorus Frog  
(*Pseudacris triseriata*)
- 7. Green Frog  
(*Rana clamitans*)
- 8. Northern Leopard Frog\*  
(*Rana pipiens*)
- 9. Wood Frog  
(*Rana sylvatica*)
- 10. Bullfrog\*  
(*Rana catesbeiana*)



**Green Frog** (*Rana clamitans*)

### Turtles and Snakes (Class Reptilia)

- 1. Snapping turtle  
(*Chelydra serpentina*)
- 2. Blanding's turtle  
(*Emydoidea blandingii*)
- 3. Eastern Box Turtle  
(*Terrapene carolina*)
- 4. Midland Painted Turtle  
(*Chrysemys picta*)
- 5. Musk Turtle  
(*Sternotherus oderatus*)
- 6. Red-Eared Slider  
(*Trachemys scripta elegans*)
- 7. Eastern Garter Snake  
(*Thamnophis sirtalis*)
- 8. Eastern Milk Snake  
(*Lampropeltis triangulum*)
- 9. Northern Brown Snake  
(*Storeria dekayi dekayi*)

## Birds (Class Aves)

Following the name of each species is a distribution symbol. The key is as follows: B, the species has been known to breed on the preserve or in the area; R, the species is a year around resident; M, the species occurs as a migrant; W, the species winters in this area; I, the species is introduced (non native).

- \_\_\_ 1. Pied-billed Grebe B  
(*Podilymbus podiceps*)
- \_\_\_ 2. Black-crowned Night Heron M  
(*Nycticorax nycticorax*)
- \_\_\_ 3. Least Bittern M  
(*Ixobrychus exilis*)
- \_\_\_ 4. Green Heron B  
(*Butorides striatus*)
- \_\_\_ 5. Great-blue Heron B, R  
(*Ardea herodias*)
- \_\_\_ 6. Sandhill Crane M  
(*Grus canadensis*)
- \_\_\_ 7. Tundra Swan M  
(*Cygnus columbianus*)
- \_\_\_ 8. Canada Goose B, R  
(*Branta canadensis*)
- \_\_\_ 9. Black Duck B, R  
(*Anas rubripes*)
- \_\_\_ 10. Blue-winged Teal B  
(*Anas discors*)
- \_\_\_ 11. Green-winged Teal M  
(*Anas crecca*)
- \_\_\_ 12. Hooded Merganser M  
(*Lophodytes cucullatus*)
- \_\_\_ 13. Mallard B, R  
(*Anas platyrhynchos*)
- \_\_\_ 14. Ring-necked Duck M  
(*Aythya collaris*)
- \_\_\_ 15. Wood Duck B  
(*Aix sponsa*)
- \_\_\_ 16. Bufflehead M  
(*Bucephala albeola*)
- \_\_\_ 17. Sora B  
(*Porzana carolina*)
- \_\_\_ 18. Virginia Rail B  
(*Rallus limicola*)
- \_\_\_ 19. Common Moorhen M  
(*Gallinula chloropus*)
- \_\_\_ 20. Killdeer B  
(*Charadrius vociferous*)
- \_\_\_ 21. American Woodcock B  
(*Philohela minor*)



Green Heron (*Butorides virescens*)

- \_\_ 22. Common Snipe B  
 (*Gallinago gallinago*)
- \_\_ 23. Lesser Yellowlegs M  
 (*Tringa flavipes*)
- \_\_ 25. Solitary Sandpiper M  
 (*Tringa solitaria*)
- \_\_ 26. Spotted Sandpiper B  
 (*Actitis macularia*)
- \_\_ 27. Bonaparte's Gull M  
 (*Larus philadelphia*)
- \_\_ 28. Ring-billed Gull M  
 (*Larus delawarensis*)
- \_\_ 29. Herring Gull M R  
 (*Larus argentatus*)
- \_\_ 30. Turkey Vulture B  
 (*Cathartes aura*)
- \_\_ 31. Cooper's Hawk B,R  
 (*Accipiter cooperii*)
- \_\_ 33. Northern Harrier B  
 (*Circus cyaneus*)
- \_\_ 34. Red-tailed Hawk B, R  
 (*Buteo jamaicensis*)
- \_\_ 35. American Kestrel B, R  
 (*Falco sparverius*)
- \_\_ 36. Wild Turkey B,R  
 (*Meleagris gallopavo*)
- \_\_ 37. Ring-necked Pheasant B,R, I  
 (*Phasianus colchicus*)
- \_\_ 38. Rock Dove B,R, I  
 (*Columba livia*)
- \_\_ 39. Mourning Dove B, R  
 (*Zenaida macroura*)
- \_\_ 40. Yellow-billed Cuckoo B  
 (*Coccyzus americanus*)
- \_\_ 41. Black-billed Cuckoo B  
 (*Coccyzus erythrophthalmus*)
- \_\_ 42. Long-eared Owl W  
 (*Asio otus*)
- \_\_ 43. Great-horned Owl B  
 (*Bubo virginianus*)
- \_\_ 44. Barred Owl B  
 (*Strix varia*)
- \_\_ 45. Eastern Screech Owl B  
 (*Otus asio*)
- \_\_ 46. Common Nighthawk B  
 (*Chordeiles minor*)
- \_\_ 47. Chimney Swift B  
 (*Chaetura pelagica*)
- \_\_ 48. Ruby-throated Hummingbird  
 (*Archilochus colubris*)
- \_\_ 49. Belted Kingfisher B  
 (*Ceryle alcyon*)
- \_\_ 50. Northern Flicker B  
 (*Colaptes auratus*)
- \_\_ 51. Red-bellied Woodpecker B, R  
 (*Melanerpes carolinianus*)
- \_\_ 52. Red-header Woodpecker M  
 (*Melanerpes erythrocephales*)
- \_\_ 53. Yellow-bellied Sapsucker M  
 (*Sphyrapicus varius*)
- \_\_ 54. Downy Woodpecker B, R  
 (*Picoides pubescens*)
- \_\_ 55. Hairy Woodpecker B,R  
 (*Picoides villosus*)
- \_\_ 56. Pileated Woodpecker B  
 (*Dryocopus pileatus*)
- \_\_ 57. Eastern Kingbird B  
 (*Tyrannus tyrannus*)
- \_\_ 58. Great-crested Flycatcher B  
 (*Myiarchus crinitus*) B
- \_\_ 59. Eastern Wood Pewee B  
 (*Contopis virens*)
- \_\_ 56. Eastern Phoebe B  
 (*Sayornis phoebe*)
- \_\_ 60. Yellow-bellied Flycatcher M  
 (*Empidonax flaviventris*)
- \_\_ 61. Least Flycatcher M  
 (*Empidonax minimus*)
- \_\_ 62. Acadian Flycatcher B  
 (*Empidonax virescens*)
- \_\_ 63. Alder Flycatcher M  
 (*Empidonax alnorum*)
- \_\_ 64. Horned Lark B  
 (*Eremophila alpestris*)
- \_\_ 65. Tree Swallow B  
 (*Tachycineta bicolor*)
- \_\_ 66. Bank Swallow B  
 (*Riparia riparia*)
- \_\_ 67. Purple Martin B  
 (*Progne subis*)
- \_\_ 68. N. Rough-winged Swallow B  
 (*Stelgidopteryx serripennis*)
- \_\_ 69. Barn Swallow B  
 (*Hirundo rustica*)
- \_\_ 70. Blue Jay B  
 (*Cyanocitta cristata*)

- \_\_\_ 71. American Crow B  
(*Corvus brachyrhynchos*)
- \_\_\_ 72. Black-capped Chickadee B  
(*Parus atricapillus*)
- \_\_\_ 73. Tufted Titmouse B  
(*Parus bicolor*)
- \_\_\_ 74. White-breasted Nuthatch (B)  
(*Sitta canadensis*)
- \_\_\_ 75. Red-breasted Nuthatch W, M  
(*Sitta carolinensis*)
- \_\_\_ 76. Brown Creeper B  
(*Certhia americana*)
- \_\_\_ 77. House Wren B  
(*Troglodytes aedon*)
- \_\_\_ 76. Golden-crowned Kinglet M, W  
(*Regulus satrapa*)
- \_\_\_ 78. Ruby-crowned Kinglet M  
(*Regulus calendula*)
- \_\_\_ 79. Blue-gray Gnatcatcher B  
(*Polioptila caerulea*)
- \_\_\_ 80. Eastern Bluebird B  
(*Sialia sialis*)
- \_\_\_ 81. Wood Thrush B  
(*Hylocichla mustelina*)
- \_\_\_ 82. Swainson's Thrush M  
(*Catharus ustulatus*)
- \_\_\_ 83. Gray-cheeked Thrush M  
(*Catharus minimus*)
- \_\_\_ 84. Hermit Thrush  
(*Catharus guttatus*)
- \_\_\_ 85. American Robin B  
(*Turdus migratorius*)
- \_\_\_ 86. Gray Catbird M  
(*Dumetella carolinensis*)
- \_\_\_ 87. Brown Thrasher B  
(*Toxostoma rufum*)
- \_\_\_ 88. Cedar Waxwing B, R  
(*Bombycilla cedrorum*)
- \_\_\_ 89. European Starling B,R  
(*Sturnus vulgaris*)
- \_\_\_ 90. Solitary Vireo M  
(*Vireo solitarius*)
- \_\_\_ 91. Red-eyed Vireo B  
(*Vireo olivaceus*)
- \_\_\_ 92. Warbling Vireo B  
(*Vireo gilvus*)
- \_\_\_ 93. Blue-winged Warbler B  
(*Vermivora pinus*)
- \_\_\_ 94. Tennessee Warbler M  
(*Vermivora peregrine*)
- \_\_\_ 95. Nashville Warbler M  
(*Vermivora ruficapilla*)
- \_\_\_ 96. Black and White Warbler  
(*Mniotilta varia*)
- \_\_\_ 97. Black-throated Blue Warbler M  
(*Dendroica caerulescen*)
- \_\_\_ 98. Blackburnian Warbler M  
(*Dendroica fusca*)
- \_\_\_ 99. Chestnut-sided Warbler M  
(*Dendroica pensylvanica*)
- \_\_\_ 100. Cape May Warbler M  
(*Dendroica tigrina*)
- \_\_\_ 101. Magnolia Warbler M  
(*Dendroica magnolia*)
- \_\_\_ 102. Yellow-rumped Warbler M  
(*Dendroica coronata*)
- \_\_\_ 103. Black-throated Green Warbler M  
(*Dendroica virens*)
- \_\_\_ 104. Bay-breasted Warbler M  
(*Dendroica castanea*)
- \_\_\_ 105. Blackpoll Warbler M  
(*Dendroica striata*)
- \_\_\_ 106. Palm Warbler M  
(*Dendroica palmarum*)
- \_\_\_ 107. Yellow Warbler B  
(*Dendroica petechia*)
- \_\_\_ 108. Connecticut Warbler M  
(*Oporornis agilis*)
- \_\_\_ 109. Wilson's Warbler M  
(*Wilsonia pusilla*)
- \_\_\_ 110. Ovenbird B  
(*Seiurus auricapillus*)
- \_\_\_ 111. Common Yellowthroat B  
(*Geothlypis trichas*)
- \_\_\_ 112. American Redstart B  
(*Setophaga ruticilla*)
- \_\_\_ 113. House Sparrow B,R  
(*Passer domesticus*)
- \_\_\_ 114. Bobolink B\*  
(*Dolichonyx oryzivorus*)
- \_\_\_ 115. Eastern Meadowlark B\*  
(*Sturnella magna*)
- \_\_\_ 116. Red-winged Blackbird B  
(*Agelaius phoeniceus*)
- \_\_\_ 117. Baltimore Oriole B  
(*Icterus galbula*)

- \_\_118. Rusty Blackbird M  
(*Euphagus carolinus*)
- \_\_119. Common Grackle  
(*Quiscalus quiscula*)
- \_\_120. Brown-headed Cowbird B  
(*Molothrus ater*)
- \_\_121. Scarlet Tanager B  
(*Piranga olivacea*)
- \_\_122. Northern Cardinal B  
(*Cardinalis cardinalis*)
- \_\_123. Rose-breasted Grosbeak B  
(*Pheucticus ludovicianus*)
- \_\_124. Indigo Bunting  
(*Passerina cyanea*)
- \_\_125. Purple Finch M, W  
(*Carpodacus purpureus*)
- \_\_126. House Finch B  
(*Carpodacus mexicanus*)
- \_\_127. Common Redpoll W  
(*Carduelis flammea*)
- \_\_128. American Goldfinch B  
(*Carduelis tristis*)
- \_\_129. Rufous-sided Towhee B  
(*Pipilo erythrophthalmus*)
- \_\_130. Savannah Sparrow B  
(*Passerculus sandwichensis*)
- \_\_131. Vesper Sparrow B  
(*Pooecetes gramineus*)
- \_\_132. Northern Junco W  
(*Junco hyemalis*)
- \_\_133. American Tree Sparrow W  
(*Spizella passerine*)
- \_\_134. Chipping Sparrow B  
(*Spizella arborea*)
- \_\_135. Clay-colored Sparrow M  
(*Spizella pallida*)
- \_\_136. Field Sparrow B  
(*Spizella pusilla*)
- \_\_137. White-crowned Sparrow M  
(*Zonotrichia albicollis*)
- \_\_138. White-throated Sparrow M,W  
(*Zonotrichia leucophrys*)
- \_\_139. Lincoln's Sparrow M  
(*Melospiza lincolni*)
- \_\_140. Swamp Sparrow B  
(*Melospiza georgiana*)

- \_\_141. Song Sparrow B  
(*Melospiza melodia*)



Northern Cardinal (*Cardinalis cardinalis*)



Dark Eyed Junco (*Junco hyemalis*)

**Accidental Species;  
not expected annually**

- \_\_ 1. Yellow-crowned Night Heron.  
(*Nyctanassa violacea*)
- \_\_ 2. Little Blue Heron  
(*Egretta caerulea*)
- \_\_ 3. Bell's Vireo  
(*Vireo bellii*)
- \_\_4. Yellow-throated Warbler  
(*Dendroica dominica*)
- \_\_5. Orchard Oriole  
(*Icterus spurius*)

# Mammals (Class Mammalia)

- \_\_ 1. Virginia Opossum  
(*Didelphis virginiana*)
- \_\_ 2. Muskrat  
(*Ondatra zibethicus*)
- \_\_ 3. Masked Shrew  
(*Sorex cinereus*)
- \_\_ 4. Short-tailed Shrew  
(*Blarnia brevicauda*)
- \_\_ 5. Eastern Mole  
(*Scalopus aquaticus*)
- \_\_ 6. Star-nosed Mole  
(*Condylura cristata*)
- \_\_ 7. Big Brown Bat  
(*Eptesicus fuscus*)
- \_\_ 8. Little Brown Bat  
(*Myotis lucifugus*)
- \_\_ 9. Raccoon  
(*Procyon lotor*)
- \_\_ 10. Least Weasel  
(*Mustela nivalis*)
- \_\_ 11. Mink  
(*Mustela vison*)
- \_\_ 12. Striped Skunk  
(*Mephites mephites*)
- \_\_ 13. Coyote  
(*Canis latrans*)
- \_\_ 14. Gray Fox  
(*Urocyon cinereoargenteus*)
- \_\_ 15. Red Fox  
(*Vulpes fulva*)
- \_\_ 16. Eastern Chipmunk  
(*Tamias striatus*)
- \_\_ 17. Red Squirrel  
(*Tamiasciurus hudsonicus*)
- \_\_ 18. Eastern Fox Squirrel  
(*Sciurus niger*)
- \_\_ 19. Southern Flying Squirrel  
(*Glaucomys volans*)
- \_\_ 20. Woodchuck  
(*Marmota monax*)
- \_\_ 21. Deer Mouse  
(*Peromyscus maniculatus*)
- \_\_ 22. White-footed Mouse  
(*Peromyscus leucopus*)

- \_\_ 23. Meadow Vole  
(*Microtus pennsylvanicus*)
- \_\_ 24. Meadow-jumping Mouse  
(*Zapus hudsonius*)
- \_\_ 25. Eastern-cottontail Rabbit  
(*Sylvilagus floridanus*)
- \_\_ 26. White-tailed Deer  
(*Odocoileus virginianus*)



Eastern Chipmunk (*Tamias striatus*)

## Accidental:

- \_\_ 1. Thirteen-lined Ground Squirrel  
(*Spermophilus tridecemlineatus*)

## **Fish (Class Pisces)**

- \_\_\_ 1. Central Mud Minnow  
(*Umbra limi*)
- \_\_\_ 2. Brown Bullhead  
(*Ictalurus melas*)
- \_\_\_ 3. Flathead Minnow  
(*Pimephales promelas*)

\* Indicates possibly extirpated from the preserve

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### **Observation Notes:**

**Date:** \_\_\_\_\_

**Time:** \_\_\_\_\_

**Weather:** \_\_\_\_\_

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