

APPENDIX C

## Vertebrate Animals Known or Probable in Moorestown Township

### Mammals

Common Name	Scientific Name	Status
Opossum	<i>Didelphis marsupialis</i>	Stable
Eastern Mole	<i>Scalopus aquaticus</i>	Stable
Big Brown Bat	<i>Eptesicus fuscus</i>	Stable
Little Brown Bat	<i>Myotis lucifugus</i>	Stable
Eastern Cottontail	<i>Sylvilagus floridanus</i>	Stable
Eastern Chipmunk	<i>Tamias striatus</i>	Stable
Gray Squirrel	<i>Sciurus carolinensis</i>	Stable
White-footed Mouse	<i>Peromyscus leucopus</i>	Stable
Meadow Vole	<i>Microtus pennsylvanicus</i>	Stable
Muskrat	<i>Ondatra zibethicus</i>	Stable
Pine Vole	<i>Microtus pinetorum</i>	Stable
Red Fox	<i>Vulpes vulpes</i>	Stable
Gray Fox	<i>Urocyon cinereoargenteus</i>	Stable
Raccoon	<i>Procyon lotor</i>	Stable
Striped Skunk	<i>Mephitis mephitis</i>	Stable
River Otter	<i>Lutra canadensis</i>	Stable
Beaver	<i>Castor canadensis</i>	Increasing
White-tailed Deer	<i>Odocoileus virginianus</i>	Decreasing

Source: NJDEP, 2012

## Birds

Common Name	Scientific Name	NJ State Status
<b>Loons - Grebes</b>		
Pied-Billed Grebe	<i>Podilymbus podiceps</i>	E
<b>Gannets - Pelicans - Cormorants</b>		
Double Crested Cormorant	<i>Phalacrocorax auritus</i>	S
<b>Bitterns - Herons - Ibises</b>		
American Bittern	<i>Botaurus lentiginosus</i>	E
Least Bittern	<i>Ixobrychus exilis</i>	SC
Black Crowned Night Heron	<i>Nycticorax nycticorax</i>	T
Green Heron	<i>Butorides virescens</i>	RP
Great Blue Heron	<i>Ardea herodias</i>	SC
Great Egret	<i>Ardea alba</i>	RP
<b>Geese - Swans - Ducks</b>		
Canada Goose	<i>Branta canadensis</i>	INC
Snow Goose	<i>Chen caerulescens</i>	INC
American Wigeon	<i>Anas americana</i>	S
Common Merganser	<i>Mergus merganser</i>	S
Hooded Merganser	<i>Lophodytes cucullatus</i>	S
Green-winged Teal	<i>Anas carolinensis</i>	RP
Mallard	<i>Anas platyrhynchos</i>	INC
Northern Pintail	<i>Anas acuta</i>	RP
Wood Duck	<i>Aix sponsa</i>	RP
American Black Duck	<i>Anas rubripes</i>	RP
<b>Ground Fowl (Galliformes)</b>		
Wild Turkey	<i>Meleagris gallopavo</i>	INC
<b>Coots</b>		
American Coot	<i>Fulica americana</i>	U
<b>Hawks-Falcons-Eagles</b>		
Turkey Vulture	<i>Cathartes aura</i>	INC
Cooper's Hawk	<i>Accipeter cooperii</i>	T
Red-tailed Hawk	<i>Buteo jamaicensis</i>	INC
Red-shouldered Hawk	<i>Buteo lineatus</i>	E

Common Name	Scientific Name	NJ State Status
Merlin	<i>Falco columbarius</i>	INC
Northern Harrier	<i>Circus cyaneus</i>	E
Osprey	<i>Pandion haliaetus</i>	T
Sharp-shinned Hawk	<i>Accipiter striatus</i>	SC
Bald Eagle	<i>Haliaeetus leucocephalus</i>	E
American Kestrel	<i>Falco sparverius</i>	SC
Peregrine Falcon	<i>Falco peregrinus</i>	E
<b>Rails - Cranes</b>		
Common Moorhen	<i>Gallinula chloropus</i>	U
<b>Plovers – Sandpipers-Gulls</b>		
Semi-palmated Plover	<i>Charadrius semipalmatus</i>	S
Spotted Sandpiper	<i>Actitis macularia</i>	SC
Killdeer	<i>Charadrius vociferus</i>	S
American Woodcock	<i>Scolopax minor</i>	RP
Wilson's Snipe	<i>Gallinago delicata</i>	U
Herring Gull	<i>Larus argentatus</i>	S
Ring-billed Gull	<i>Larus delawarensis</i>	INC
Laughing Gull	<i>Leucophaeus atricilla</i>	S
Great Black-backed Gull	<i>Larus marinus</i>	D
Greater Yellowlegs	<i>Tringa melanoleuca</i>	RP
Lesser Yellowlegs	<i>Tringa flavipes</i>	S
<b>Doves - Cuckoos - Owls</b>		
Rock Pigeon	<i>Columba livea</i>	INC
Mourning Dove	<i>Zenaida macroura</i>	S
Great Horned Owl	<i>Bubo virginianus</i>	S
Eastern Screech Owl	<i>Megascops asio</i>	RP
Common Nighthawk	<i>Chordeiles minor</i>	SC
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	RP
<b>Kingfishers - Woodpeckers – Flycatchers</b>		
Belted Kingfisher	<i>Ceryle alcyon</i>	S
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	INC
Hairy Woodpecker	<i>Picoides villosus</i>	D
Downy Woodpecker	<i>Picoides pubescens</i>	S
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	T

Common Name	Scientific Name	NJ State Status
Northern Flicker	<i>Colaptes auratus</i>	RP
Willow Flycatcher	<i>Empidonix traillii</i>	RP
Eastern Wood Pewee	<i>Contopus virens</i>	RP
Acadian Flycatcher	<i>Empidonax vireescens</i>	RP
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	RP
Eastern Phoebe	<i>Sayornis phoebe</i>	S
Eastern Kingbird	<i>Tyrannus tyrannus</i>	RP
Eastern Wood Pewee	<i>Contopus virens</i>	RP
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	D
Blue-gray Gnatcatcher	<i>Poliophtila caerulea</i>	S
<b>Shrikes - Vireos</b>		
Red-eyed Vireo	<i>Vireo olivaceus</i>	S
Blue-headed Vireo	<i>Vireo solitarius</i>	SC
White-eyed Vireo	<i>Vireo griseus</i>	D
Warbling Vireo	<i>Vireo gilvus</i>	S
<b>Jays - Crows - Larks - Swallows</b>		
Blue Jay	<i>Cyanocitta cristata</i>	D
American Crow	<i>Corvus brachyrhynchus</i>	S
Fish Crow	<i>Corvus ossifragus</i>	S
Horned Lark	<i>Eremophila alpestris</i>	SC
Eastern Meadowlark	<i>Sturnella magna</i>	SC
Barn Swallow	<i>Hirundo rustica</i>	S
Bank Swallow	<i>Riparia riparia</i>	S
Tree Swallow	<i>Tachycineta bicolor</i>	INC
Purple Martin	<i>Progne subis</i>	S
<b>Chickadees - Nuthatches – Wrens-Creepers</b>		
Carolina Chickadee	<i>Poecile carolinensis</i>	S
White-breasted Nuthatch	<i>Sitta carolinensis</i>	INC
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S
Tufted Titmouse	<i>Baeolophus bicolor</i>	INC
House Wren	<i>Troglodytes aedon</i>	S
Carolina Wren	<i>Thryothorus ludovicianus</i>	INC
Marsh Wren	<i>Cistothorus palustris</i>	RP
Winter Wren	<i>Troglodytes hiemalis</i>	SC

Common Name	Scientific Name	NJ State Status
Brown Creeper	<i>Certhia americana</i>	INC
<b>Kinglets - Thrushes – Thrashers</b>		
Brown Thrasher	<i>Toxostoma rufum</i>	SC
Wood Thrush	<i>Hylocichla mustelina</i>	SC
Hermit Thrush	<i>Catharus guttatus</i>	D
Veery	<i>Catharus fuscescens</i>	SC
American Robin	<i>Turdus migratorius</i>	S
Northern Mockingbird	<i>Mimus polyglottos</i>	D
Gray Catbird	<i>Dumetella carolinensis</i>	RP
Ruby-crowned Kinglet	<i>Regulus calendula</i>	D
Golden-crowned Kinglet	<i>Regulus satrapa</i>	INC
<b>Starlings - Pipits - Waxwings</b>		
European Starling	<i>Sturnus vulgaris</i>	I
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S
<b>Warblers</b>		
Black and White Warbler	<i>Mniotilta varia</i>	RP
Yellow Warbler	<i>Setophaga petechia</i>	S
Yellow-rumped Warbler	<i>Dendroica coronata</i>	INC
Prairie Warbler	<i>Dendroica discolor</i>	RP
Hooded Warbler	<i>Wilsonia citrina</i>	SC
Palm Warbler	<i>Dendroica palmarum</i>	INC
Blackpoll Warbler	<i>Dendroica striata</i>	D
Northern Parula	<i>Parula americana</i>	SC
Common Yellowthroat	<i>Geothlypus trichas</i>	D
American Redstart	<i>Setophaga ruticilla</i>	INC
Blue-winged warbler	<i>Vermivora cyanoptera</i>	RP
Tennessee Warbler	<i>Oreothlypis peregrina</i>	D
Nashville Warbler	<i>Vermivora ruficapilla</i>	S
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	S
Magnolia Warbler	<i>Dendroica magnolia</i>	INC
Cape May Warbler	<i>Dendroica tigrina</i>	S
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	RP
Black-throated Green Warbler	<i>Dendroica virens</i>	SC
Blackburnian Warbler	<i>Dendroica fusca</i>	SC

Common Name	Scientific Name	NJ State Status
Pine Warbler	<i>Dendroica pinus</i>	RP
Wilson's Warbler	<i>Wilsonia pusilla</i>	S
Palm Warbler	<i>Dendroica palmarum</i>	INC
Ovenbird	<i>Seiurus aurocapillus</i>	D
<b>Tanagers - Sparrows - Cardinals</b>		
Scarlet Tanager	<i>Piranga olivacea</i>	RP
House Sparrow	<i>Passer domesticus</i>	I
Chipping Sparrow	<i>Spizella passerina</i>	S
Song Sparrow	<i>Melospiza melodia</i>	D
Savannah Sparrow	<i>Passerculus sandwichensis</i>	T
Barn Swallow	<i>Hirundo rustica</i>	S
Tree Swallow	<i>Tachycineta bicolor</i>	INC
Northern Cardinal	<i>Cardinalis cardinalis</i>	INC
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	RP
Indigo Bunting	<i>Passerina cyanea</i>	RP
Blue Grosbeak	<i>Passerina caerulea</i>	RP
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	RP
American Tree Sparrow	<i>Spizella arborea</i>	U
Field Sparrow	<i>Spizella pusilla</i>	RP
Swamp Sparrow	<i>Melospiza georgiana</i>	D
White-throated Sparrow	<i>Zonotrichia albicollis</i>	D
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	D
Fox Sparrow	<i>Passerella iliaca</i>	INC
Dark-eyed Junco	<i>Junco hyemalis</i>	S
<b>Blackbirds – Finches-Swifts</b>		
Bobolink	<i>Dolichonyx orzyivorus</i>	T
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S
Rusty Blackbird	<i>Euphagus carolinus</i>	S
House Finch	<i>Carpodacus mexicanus</i>	S
Common Grackle	<i>Quiscalus quiscula</i>	D
Brown-headed Cowbird	<i>Molothrus ater</i>	S
Orchard Oriole	<i>Icterus spurius</i>	S
Baltimore Oriole	<i>Icterus galbula</i>	RP
American Goldfinch	<i>Spinus tristis</i>	INC

Common Name	Scientific Name	NJ State Status
Chimney Swift	<i>Chaetura pelagica</i>	RP
Purple Finch	<i>Carpodacus purpureus</i>	RP
<b>Bluebirds</b>		
Eastern Bluebird	<i>Sialia sialis</i>	INC

Sources: Herpetological Associates, 2010, NJDEP, 2012

Key to Bird List

Status	
E - Endangered	RP - Regional Priority
T - Threatened	S - Stable
SC - Special Concern	U - Undetermined
D - Decreasing	I - Introduced
INC - Increasing	P - Peripheral

## Reptiles and Amphibians

Common Name	Scientific Name	Status
<b>Salamanders</b>		
Northern Red Salamander	<i>Pseudotriton r. ruber</i>	Decreasing
Northern Two-lined Salamander	<i>Eurycea b. bislineata</i>	Stable
<b>Frogs and Toads</b>		
Bullfrog	<i>Rana catesbeiana</i>	Stable
Green Frog	<i>Rana clamitans melanota</i>	Stable
Spring Peeper	<i>Hyla c. crucifer</i>	Stable
New Jersey Chorus Frog	<i>Pseudacris triseriata kalmi</i>	Stable
<b>Turtles</b>		
Common Snapping Turtle	<i>Chelydra s. serpentina</i>	Stable
Red-bellied Turtle	<i>Pseudemys rubriventris</i>	Undetermined
Eastern Painted Turtle	<i>Chrysemys p. picta</i>	Stable
Musk Turtle (Stinkpot)	<i>Sternotherus odoratus</i>	Stable
Box Turtle	<i>Terrapene c. carolina</i>	Stable
<b>Snakes</b>		
Five-lined Skink	<i>Eumeces fasciatus</i>	Undetermined
Northern Water Snake	<i>Nerodia s. sipedon</i>	Stable
Eastern Garter Snake	<i>Thamnophis s. sirtalis</i>	Stable
Northern Brown Snake	<i>Storeria d. dekayi</i>	Stable
Black Racer	<i>Coluber c. constrictor</i>	Undetermined
Milk Snake	<i>Lampropeltis t. triangulum</i>	Stable

Source: NJDEP, 2012

## Fish

Common Name	Scientific Name
Mud Sunfish	<i>Acantharchus pomotis</i>
Blueback Herring	<i>Alosa aestivalis</i>
American Shad	<i>Alosa sapidissima</i>
White Catfish	<i>Ameirus catus</i>
Brown Bullhead	<i>Ameirus nebulosus</i>
American Eel	<i>Anguilla rostrata</i>

Common Name	Scientific Name
Goldfish	<i>Carassius auratus</i>
White Sucker	<i>Catostomus commersonii</i>
Satinfin Shiner	<i>Cyprinella analostana</i>
Common Carp	<i>Cyprinus carpio</i>
Gizzard Shad	<i>Dorosoma cepedianum</i>
Bluespotted sunfish	<i>Enneacanthus gloriosus</i>
Creek Chubsucker	<i>Erimyzon oblongus</i>
Redfin Pickerel	<i>Esox americanus</i>
Chain Pickerel	<i>Esox niger</i>
Tessellated Darter	<i>Etheostoma olmstedii</i>
Bandel Killifish	<i>Fundulus diaphanous</i>
Mummichog	<i>Fundulus heteroclitus</i>
Eastern Silvery Minnow	<i>Hybognathus regius</i>
Channel Catfish	<i>Ictalurus punctatus</i>
Redbreast Sunfish	<i>Lepomis auritus</i>
Green Sunfish	<i>Lepomis cyanellus</i>
Pumpkinseed	<i>Lepomis gibbosus</i>
Bluegill	<i>Lepomis macrochirus</i>
Smallmouth Bass	<i>Micropterus dolomieu</i>
Largemouth Bass	<i>Micropterus salmoides</i>
White Perch	<i>Morone americana</i>
Striped Bass	<i>Morone saxatilis</i>
Golden Shiner	<i>Notemigonus crysoleucas</i>
Ironcolor Shiner	<i>Notropis chalybaeus</i>
Spottail Shiner	<i>Notropis hudsonius</i>
Yellow Perch	<i>Perca flavescens</i>
Black Crappie	<i>Pomoxis nigromaculatus</i>
Walleye	<i>Sander vitreum</i>
Eastern Mudminnow	<i>Umbra pygmaea</i>

Source: Arndt, Rudolf G. "Annotated Checklist and Distribution of New Jersey Freshwater Fishes, with Comments on Abundance." The Bulletin [of the] New Jersey Academy of Science, V. 49, No. 1, Spring, 2004.

## Rare Wildlife

Common Name	Scientific Name	Feature Type	Federal Protection	State Protection	G Rank	S Rank
<b>Class: Aves</b>						
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Foraging, Wintering	NA	E	G5	S1B, S2N
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	Foraging	NA	T	G5	S1B, S2N
Great Blue Heron	<i>Ardea Herodias</i>	Foraging	NA	SC	G5	S3B, S4N
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Breeding Sighting	NA	T	G5	S2B, S4N
Wood Thrush	<i>Hylocichla mustelina</i>	Breeding Sighting	NA	SC	G5	S3B
<b>Class: Reptilia</b>						
Bog Turtle	<i>Glyptemys muhlenbergii</i>	Occupied Habitat	T	E	G3	S1

Source: NJDEP Natural Heritage Database, 2012

State Protection	
T	Threatened: A species that may become endangered if conditions surrounding the species begin to or continue to deteriorate.
E	Endangered: A species whose prospects for survival within the state are in immediate danger due to one or many factors, such as a loss of habitat, over exploitation, predation, competition, disease. An endangered species requires immediate assistance or extinction will probably follow.
INC	Increasing: A species whose population has exhibited a significant increase, beyond the normal range of its life cycle, over a long-term period.
SC	Special Concern: A species that warrants special attention because of some evidence of decline, inherent vulnerability to environmental deterioration, or habitat modification that would result in their becoming a Threatened species. This category would also be applied to species that meet the foregoing criteria and for which there is little understanding of their current population status in the state.
RP	Regional Priority: A species in regional conservation plans.
U	Undetermined: A species about which there is not enough information available to determine the status.
D	Declining: A species that exhibited a continued decline in population numbers over the years.
P	Peripheral: A species whose occurrence in New Jersey is at the extreme edge of its present natural range.
S	Stable: A species whose population is not undergoing any long-term increase/decrease within its natural cycle.

Global (G Rank) and State (S Rank) Element Rank	
G1	Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.
G2	Imperiled globally because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.
G3	Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (e.g., a single Western state, a physiographic region in the East) or because of other factors making it vulnerable to extinction throughout its range; the number of occurrences are in the range of 21 to 100.
G4	Apparently secure globally, although it may be quite rare in parts of its range, especially at the periphery.
G5	Demonstrably secure globally, although it may be quite rare in parts of its range, especially at the periphery.
T	The status of infraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species global rank.
S1	Critically imperiled in New Jersey because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres). Elements so ranked are often restricted to very specialized conditions or habitats and/or restricted to an extremely small geographical area of the state. Also included are elements that were formerly more abundant, but because of habitat destruction or some other critical factor of its biology, they have been demonstrably reduced in abundance. In essence, these are elements for which, even with intensive searching, sizable additional occurrences are unlikely to be discovered.
S2	Imperiled in New Jersey because of rarity (6 to 20 occurrences). Historically, many of these elements may have been more frequent but are now known from very few extant occurrences, primarily because of habitat destruction. Diligent searching may yield additional occurrences.
S3	Rare in state with 21 to 100 occurrences (plant species and ecological communities in this category have only 21 to 50 occurrences). Includes elements which are widely distributed in the state, but with small populations/acreage or elements with restricted distribution, but locally abundant. Not yet imperiled in state but may soon be if current trends continue. Searching often yields additional occurrences.
S4	Apparently secure in state, with many occurrences.
S5	Demonstrably secure in state and essentially ineradicable under present conditions.
B	Refers to the breeding population of the element in the state.
N	Refers to the non-breeding population of the element in the state.
NR	Species has not yet been ranked.

## **Fauna Identified at South Valley Woods**

The following species were identified by Blaine Rothauser of BR Environmental, LLC, on July 7 and 14, 2011 at South Valley Woods in Moorestown.

## INSECTS & SPIDERS



"Potter Wasp"

### Common Names

1. Candy-striped Leafhopper
2. Achilid Planthopper
3. Ebony Jewelwing
4. 12-spotted Skimmer
5. Spreadwing Damselfly
6. Common White Tail
7. Familiar Bluet
8. Green Pondhawk
9. Great Blue Skimmer
10. Scorpion Fly
11. Net Winged Beetle
12. Six Spotted Lady Bug
13. 6-spotted Tiger Beetle
14. Carolina Locust
15. Katydid (Instar)
16. Aphid sp.
17. Water Strider
18. Water Boatmen
19. Leaf-footed Bug
20. Green Stink Bug
21. Darkling beetle
22. Lighting Bug sp.

23. Ellychnia Bug
24. Milkweed Beetle
25. Milkweed Bug
26. Box Elder Beetle
27. Long Horned beetle sp.
28. Two Spotted Click Beetle
29. Eastern Swallow Tail
30. Least Skipper
31. Wood Nymph
32. Northern Cloudywing
33. Morning Cloak
34. Monarch Butterfly
35. Cecropia Moth
36. Underwing Moth sp.
37. Phantom Cranefly
38. Cranefly sp.
39. Deerfly sp.
40. Golden Backed Snipe Fly
41. Robber Fly sp.
42. Bee Fly sp. (Multiple)
43. Mydas Fly
44. Long Legged Dance Fly sp.
45. Flower Fly sp. (multiple)
46. Carpenter bee
47. Bumble Bee sp.
48. Clearwing moth
49. Ichnemon Wasp Sp.
50. Cuckoo Wasp Sp.
51. Sphecidid Wasp Sp.
52. European Hornet
53. Bald Faced Hornet
54. Sweat Bee Sp.
55. Mason Bee Sp.
56. Honeybee
57. Digger Wasp
58. Carpenter Ant
59. Mound Ant
60. Polistes Wasp
61. Eastern Yellow Jacket
62. Marbled Spider
63. Wolf Spider Sp.
64. Spined Micrathena Spider
65. Jumping Spider Sp.

66. Potter Wasp

## BIRDS



“Scarlet Tanager”

### Common Names

1. Red-eyed Vireo
2. White-breasted Nuthatch
3. Blue Jay
4. Northern Flicker
5. Red-bellied woodpecker
6. Hairy Woodpecker
7. Downy Woodpecker

8. Eastern Phoebe
9. Kingbird
10. Baltimore Oriole
11. Eastern Wood Pewee
12. Arcadian Flycatcher
13. Rose-breasted Grosbeak
14. House wren
15. Carolina Wren
16. Common Grackle
17. American Robin
18. American Goldfinch
19. House Sparrow
20. Red Tailed Hawk
21. Turkey Vulture
22. Black Vulture
23. Spotted Sandpiper
24. Catbird
25. Yellow Warbler
26. Common Yellow Throat
27. Redstart
28. Mallard Duck
29. Great Horned Owl
30. Tufted Titmouse
31. Black and White Warbler
32. Indigo Bunting
33. Chipping Sparrow
34. Great Crested Flycatcher
35. Mourning Dove
36. European Starling
37. Great Blue Heron
38. Red-winged Blackbird
39. Cowbird
40. Mockingbird
41. Northern Cardinal
42. Scarlet Tanager
43. Brown Thrasher (NJ Special Concern)

44. Wood Thrush (NJ Special Concern)

45. Savannah Sparrow (NJ Special Concern)\*

46. Veery (NJ Special Concern)

47. Hooded Warbler (NJ Special Concern)

**NJ Landscape Version 2.0:**

Red-shouldered Hawk (*Buteo lineanatus*) State Threatened

Red-Headed Woodpecker (*Melanerpes erythrocephalus*) State Endangered

\* In Soybean Field as Viewed from South Valley Woods

## **Mammals**



“Eastern Chipmunk”

### **Common Names**

1. Woodchuck
2. White-footed Mouse (Nest)
3. Grey Squirrel
4. White-tailed Deer
5. Stripped Skunk (Tracks)
6. Raccoon
7. Red Fox
8. Virginia Opossum
9. Short-tail Shrew
10. Eastern Chipmunk
11. Cottontail Rabbit
12. Eastern Chipmunk

## Reptiles and Amphibians



*Eastern Box Turtle*

### Common Names

1. Garter Snake
2. Black Rat Snake
3. Green Frog
4. Bull Frog
5. Red-back Salamander
6. Northern Slimy Salamander

7. Spotted Turtle (NJ Species of Special Concern)
8. Eastern Box Turtle (NJ Species of Special Concern)

**\*NOTE FROM OBSERVER**

It is important to keep in mind that the above list is a "snapshot" of record from two days in July 2011 that took place one week apart - a total of 14 hours of field observation. Four hours of this period consisted of an evening owl calling survey. So in essence only 10 hours of diurnal study was executed in the completion of this list. This list would grow exponentially if scientists that specialize in individual taxa were to perform field studies during all four seasons. This is what would be necessary in order to build a biodiversity index that better represents a complete assay of the South Valley Woods Ecological Complex. The list visibly shows that the degree of native flora and fauna on the site is very high in addition to being conducive for the fulfillment of life history requirements for 7 New Jersey Special Concern Species. The point is that in a mere 10 hours of field time it is clear that South Valley Woods is an undisputed ecological hotspot in Moorestown meeting all the criteria listed on page 20 of the Township Master Plan. This section describes how land is ranked based on positive natural factors for environmentally sensitive land.