

U.S. Fish & Wildlife Service

St. Marks

*National Wildlife Refuge
Amphibian, Reptile
and Mammal List*



alligator - Tom Darragh



deer: Joe Bonislawsky

gopher-tortoise - Pierson Hill



This blue goose, designed by J.N. "Ding" Darling, has become a symbol of the National Wildlife Refuge System.



squirrel tree frog: Pierson Hill

The St. Marks National Wildlife Refuge was established in 1931 and today encompasses 70,000 acres. It's wide diversity of habitats, including open water, salt marsh, swamps, freshwater pools, hardwoods, and upland pine areas make the refuge home for an equally wide variety of wildlife.



eastern coachwhip: Mike Keys

The St. Marks NWR provides nesting habitat for these Federal and State endangered and threatened birds: the Southern bald eagle, least tern, and red-cockaded woodpecker. Other endangered or rare species include the woodstork, swallow-tailed kite, peregrine falcon, American alligator, Eastern indigo snake and the Florida black bear. Visitors may also observe loggerhead sea turtles and West Indian manatees offshore from the lighthouse. Many state-listed threatened and endangered plants are also found on the refuge.



Frosted flatwoods salamander: Pierson Hill

The following list contains the 38 species of amphibians, 69 species of reptiles, and 44 species of mammals compiled from observations, consultation with experts in respective fields, and literature research. Some species are more common seasonally and some are nocturnal. Look for evidence such as tracks, burrows, grass tunnels, and other signs of activity. Careful eyes and attentive ears can uncover numerous clues to the variety of wildlife present. Night spotting of animals with artificial lights is prohibited.



Salamanders, Newts, and Sirens (Order Caudata)

Frosted Flatwoods Salamander ^{FL, SL} (*Ambystoma cingulatum*)

Marbled Salamander ^{HR} (*Ambystoma opacum*)

Mole Salamander (*Ambystoma talpoideum*)

Two-toed Amphiuma (*Amphiuma means*)

One-toed Amphiuma (*Amphiuma pholeter*)

Southern Dusky Salamander (*Desmognathus auriculatus*)

Southern Two-lined Salamander (*Eurycea cirrigera*)

Three-lined Salamander ^{NC} (*Eurycea guttolineata*)

Coastal Plain Dwarf Salamander (*Eurycea quadridigitata*)

Gulf Coast Waterdog (*Necturus cf. beyeri*)

Striped Newt ^{HR, PE, SL} (*Notophthalmus perstriatus*)

Central Newt (*Notophthalmus viridescens louisianensis*)

Southeastern Slimy Salamander (*Plethodon grobmani*)

Slender Dwarf Siren (*Pseudobranchius striatus spheniscus*)

Rusty Mud Salamander ^{NC} (*Pseudotriton montanus floridanus*)

Southern Red Salamander ^{NC} (*Pseudotriton ruber vioscai*)

Eastern Lesser Siren (*Siren intermedia intermedia*)

Greater Siren (*Siren lacertina*)

Frogs and Toads (Order Anura)

Southern Cricket Frog (*Acris gryllus*) Call: “click, click, click” like two marbles tapping.

Oak Toad (*Bufo (Anaxyrus) quercicus*) Call: Bird-like “peep, peep, peep.”

Southern Toad (*Bufo (Anaxyrus) terrestris*) Call: A long, high-pitched trill.

Greenhouse Frog ^{NN} (*Euhyas (Eleutherodactylus) planirostris*) Call: A faint “chirp”.

Eastern Narrow-mouthed Toad (*Gastrophryne carolinensis*) Call: “Baaah” like a sheep.

Cope’s Gray Treefrog (*Hyla chrysoscelis*) Call: A high-pitched rapid trill.

Green Treefrog (*Hyla cinerea*) Call: A nasal “gronk, gronk, gronk.”

Pine Woods Treefrog (*Hyla femoralis*) Call: Similar cadence to Morse code tapping.

Barking Treefrog (*Hyla gratiosa*) Call: Like a bike horn or distant barking dogs.

Squirrel Treefrog (*Hyla squirella*) Call: Raspy :quank, quank, quank.”

Southern Spring Peeper (*Pseudacris crucifer bartramiana*) Call: High-pitched series of whistles and trills.

Southern Chorus Frog (*Pseudacris nigrita*) Call: Like running a fingernail along the teeth of a comb.

Little Grass Frog (*Pseudacris ocularis*) Call: A high-pitched chirp.

Ornate Chorus Frog (*Pseudacris ornata*) Call: Quick, metallic peeps.

Florida Gopher Frog ^{HR, PE, SL} (*Rana capito*) Call: Like an old man snoring.

Bullfrog (*Rana catesbeiana*) Call: Deep, resonant “jug-o-rum”.

Bronze Frog (*Rana clamitans*) Call: Like a banjo.

Pig Frog (*Rana grylio*) Call: A pig-like “grunt, grunt, grunt.”

River Frog (*Rana heckscheri*) Call: Deep snores and grunts.

Florida Leopard Frog (*Rana sphenocephalus sphenocephala*) Call: Squeaky, like rubbing a wet balloon.

Eastern Spadefoot (*Scaphiopus holbrookii*) Call: “Squonk” or “Quonk.”

Lizards (Order Squamata, Suborder Sauria)

Northern Green Anole (*Anolis carolinensis carolinensis*)

Six-lined Racerunner (*Aspidoscelis sexlineatus*)

Southern Coal Skink ^{NC} (*Plestiodon anthracinus pluvialis*)

Northern Mole Skink (*Plestiodon egregius similis*)

Common Five-lined Skink (*Plestiodon fasciatus*)

Southeastern Five-lined Skink (*Plestiodon inexpectatus*)

Broad-headed Skink (*Plestiodon laticeps*)

Eastern Slender Glass Lizard (*Ophisaurus attenuatus longicaudus*)

Island Glass Lizard ^{HR, TU} (*Ophisaurus compressus*)

Mimic Glass Lizard ^{HR, TU} (*Ophisaurus mimicus*)

Eastern Glass Lizard (*Ophisaurus ventralis*)

Eastern Fence Lizard (*Sceloporus undulatus*)

Ground Brown Skink (*Scincella lateralis*)

Snakes (Order Squamata, Suborder Serpentes)

Florida Cottonmouth (*Agkistrodon piscivorus conanti*)

Northern Scarlet Snake (*Cemophora coccinea copei*)

Southern Black Racer (*Coluber constrictor priapus*)

Eastern Diamond-backed Rattlesnake (*Crotalus admanteus*)

Southern Ring-necked Snake (*Diadophis punctatus punctatus*)

Eastern Indigo Snake ^{HR, PE, FL, SL} (*Drymarchon corais couperi*)

Eastern Cornsnake ^{SL} (*Pantherophis (Elaphe) guttatus*)

Eastern (Gray) Ratsnake (*Pantherophis (Elaphe) obsoletus*)

Eastern Mudsnake (*Farancia abacura abacura*)

Common Rainbow Snake ^{HR} (*Farancia erythrogramma erythrogramma*)

Eastern Hog-nosed Snake (*Heterodon platirhinos*)

Southern Hog-nosed Snake ^{HR, PE} (*Heterodon simus*)

Eastern Kingsnake (*Lampropeltis getula getula*)

Scarlet Kingsnake (*Lampropeltis triangulum elapsoides*)

Eastern Coachwhip (*Masticophis flagellum flagellum*)
Eastern Coralsnake (*Micrurus fulvius*)
Gulf Saltmarsh Snake (*Nerodia clarkii clarkii*)
Red-belly Watersnake ^{NC} (*Nerodia erythogaster erythogaster*)
Banded Watersnake (*Nerodia fasciata fasciata*)
Florida Green Watersnake (*Nerodia floridana*)
Brown Watersnake (*Nerodia taxispilota*)
Rough Greensnake (*Opheodrys aestivus*)
Florida Pinesnake ^{SL} (*Pituophis melanoleucus mugitus*)
Striped Crayfish Snake (*Regina alleni*)
Glossy Crayfish Snake (*Regina rigida rigida*)
Pine Woods Snake^{NC} (*Rhadinaea flavilata*)
Northern Florida Swampsnake (*Seminatrix pygaea pygaea*)
Dusky Pygmy Rattlesnake (*Sistrurus miliarius barbouri*)
Midland Brownsnake (*Storeria dekayi wrightorum*)
Florida Redbelly Snake (*Storeria occipitomaculata obscura*)
Blue-striped Ribbonsnake (*Thamnophis sauritus nitae*)
Peninsula Ribbonsnake (*Thamnophis sauritus sackenii*)
Blue-striped Gartersnake (*Thamnophis sirtalis similis*)
Eastern Gartersnake (*Thamnophis sirtalis sirtalis*)
Rough Earthsnake (*Virginia striatula*)
Eastern Earthsnake (*Virginia valeriae valeriae*)

Crocodylians (Order Crocodylia)

American Alligator ^{FL} (*Alligator mississippiensis*)

Turtles (Order Chelonia)

Florida Softshell (*Apalone ferox*)

Loggerhead Sea Turtle ^{MW, FL, SL} (*Caretta caretta*)

Green Turtle ^{MW, FL, SL} (*Chelonia mydas*)

Florida Snapping Turtle (*Chelydra serpentina osceola*)

Spotted Turtle ^{HR} (*Clemmys guttata*)

Eastern Chicken Turtle (*Deirochelys reticularia reticularia*)

Leatherback Seaturtle ^{MW, FL, SL} (*Dermochelys coriacea*)

Gopher Tortoise ^{SL} (*Gopherus polyphemus*)

Striped Mud Turtle (*Kinosternon baurii*)

Atlantic Ridley Seaturtle ^{MW, FL, SL} (*Lepidochelys kempii*)

Alligator Snapping Turtle ^{NC} (*Macrochelys temminckii*)

Ornate Diamond-backed Terrapin (*Malaclemys terrapin macrospilota*)

Florida Cooter (*Pseudemys floridana*)

Suwannee Cooter ^{SL} (*Pseudemys concinna suwanniensis*)

Loggerhead Musk Turtle ^{NC} (*Sternotherus minor minor*)

Common Musk Turtle (*Sternotherus odoratus*)

Gulf Coast Box Turtle (*Terrapene carolina major*)

Yellow-bellied Slider (*Trachemys scripta scripta*)

Small Mammals (Order Mammalia)

Southeastern Shrew (*Sorex longirostris*)

Southern Short-tailed Shrew (*Blarina carolinensis*)

Least Shrew (*Cryptotis parva*)

Eastern Mole (*Scalopus aquaticus*)

Southeastern Myotis (*Myotis austroriparius*)

Eastern Pipistrelle (*Pipistrellus subflavus*)

Big Brown Bat (*Eptesicus fuscus*)

Eastern Red Bat (*Lasiurus borealis*)

Seminole Bat (*Lasiurus seminolus*)

Hoary Bat (*Lasiurus cinereus*)

Northern Yellow Bat (*Lasiurus intermedius*)

Evening Bat (*Nycticeius humeralis*)

Rafinesque's Big-Eared Bat (*Plecotus rafinesqueii*)

Brazilian Free-tailed Bat (*Tadarida brasiliensis*)

Marsh Rice Rat (*Oryzomys palustris*)

Cotton Mouse (*Peromyscus gossypinus*)

Golden Mouse (*Ochrotomys nuttalli*)

Hispid Cotton Rat (*Sigmodon hispidus*)

Eastern Woodrat (*Neotoma floridana*)

Pine Vole (*Microtus pinetorum*)

Black Rat (*Rattus rattus*)

Norway Rat (*Rattus norvegicus*)

House Mouse (*Mus musculus*)

Eastern Gray Squirrel (*Sciurus carolinensis*)

Southern Flying Squirrel (*Glaucomys volans*)

Medium-sized Mammals (Order Mammalia)

Virginia Opossum (*Didelphis virginiana*)

Nine-banded Armadillo (*Dasypus novemcinctus*)

Marsh Rabbit (*Sylvilagus palustris*)

Eastern Cottontail (*Sylvilagus floridanus*)

Fox Squirrel (*Sciurus niger*)

Beaver (*Castor canadensis*)

Round-tailed Muskrat (*Neofiber alleni*)

Red Fox (*Vulpes vulpes*)

Gray Fox (*Urocyon cinereoargenteus*)

Raccoon (*Procyon lotor*)

Longtail weasel (*Mustela frenata*)

Mink (*Mustela vison*)

Eastern Spotted Skunk (*Spilogale putorius*)

Striped Skunk (*Mephitis mephitis*)

River Otter (*Lutra canadensis*)

Large-sized Mammals (Order Mammalia)

Coyote (*Canis latrans*)

Florida Black Bear (*Ursus americanus floridanus*)

Bobcat (*Lynx rufus*)

Feral Hog (*Sus scrofa*)

White-tailed Deer (*Odocoileus virginianus*)

Florida Manatee (*Trichechus manatus latirostrus*)

Bottlenose Dolphin (*Tursiops truncatus*)

Codes

HR = historic record from refuge

NC = not confirmed on refuge but local area is within range

NN = non native (human introduction; not range expansion)

PE = potentially extirpated from refuge and local area

SL = state of Florida listed species

FL = federally listed species

MW = inhabiting nearshore and offshore marine or state waters

TU = taxonomic uncertainty

SIGHTING NOTES

Date _____ Time _____

Weather _____

Route or Area _____

Observers _____

Species sighted _____

Remarks _____



manatee: FWS staff

bobcat: Judy Bakstrom



Please report reliable observations of species not included in this list to the Refuge office. Photographs help substantiate observations. Thank you.

fawn: Teresa Darragh



fox: Carol Miller



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