

The reserve has thousands of acres of wildlands that support hundreds of species of plants and animals. Although most of the plants and animals are harmless, there are some that can cause harm if they bite, sting or rub up against you. As long as you exercise caution, you should have no problem with them. Many of these harmful interactions (except with the bugs) can be avoided if you stay out of the water and on the trails. Remember! The number one person responsible for your safety is YOU!

**Plants to avoid contact with:**

Poison Ivy

Remember! Leaflets three—leave it be.

Black Needlerush

Don't let it poke you in the eye.

**Animals to avoid contact with:**

Alligators

Poisonous Snakes

Jellyfish

Stingrays

Sharks

Louisiana Black Bears (rare)

Biting Bugs including: Ticks, Deer Flies,

Mosquitoes and Gnats

**Please Do Not Feed the Wildlife!**

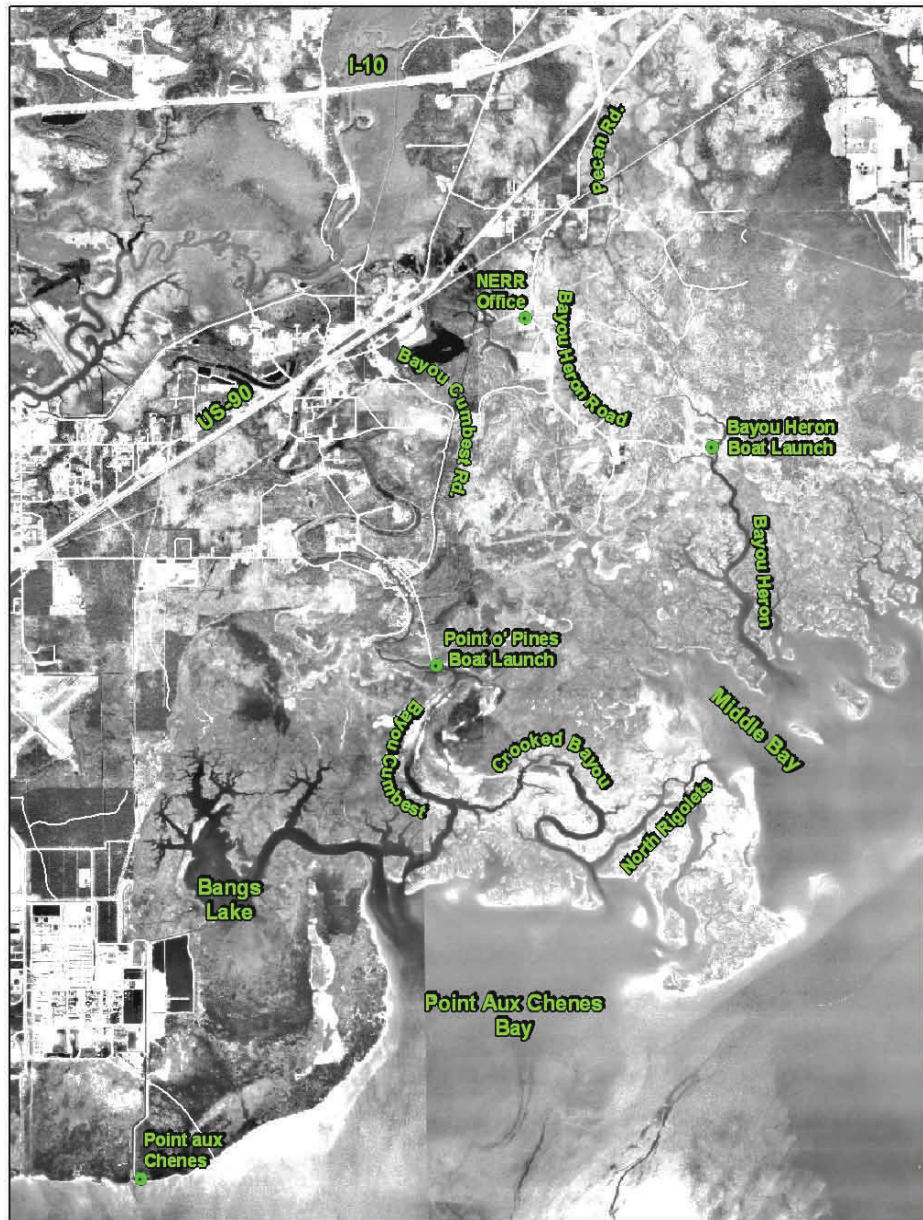


**Grand Bay  
National Estuarine  
Research Reserve**

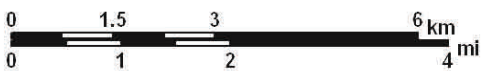
# Grand Bay National Estuarine Research Reserve

## Field Journal





Field Notes and Drawings



Grand Bay NERR and surrounding areas

## Field Notes and Drawings

### A Visitor's Field Journal

#### Note to Users

This field journal was compiled in order to provide you, our visitors, with species lists of common animals and plants found within the protected wildlands of the Grand Bay National Estuarine Research Reserve and Refuge. We encourage you to cautiously explore these sensitive areas **on foot** when you are out in the field. Many of our coastal habitats such as pine savannas and salt pannes are extremely fragile in nature. Please do not remove or disturb the animals and plants or their parts without proper permits. Remember, take only pictures, and leave as few footprints as possible as you travel through some of Mississippi's most pristine coastal wetlands.

We would like to thank our partners who were directly involved in the development of this field journal. They include the staff of the Mississippi Department of Marine Resources' Grand Bay National Estuarine Research Reserve and Coastal Preserve Programs and The University of Southern Mississippi's J.L. Scott Marine Education Center and Aquarium.

Jennifer Buchanan  
Grand Bay NERR

Shelia A. Brown  
Scott Aquarium

# Animal Checklist

	Animal	Check Off	Date
<b>Amphibians</b>			
<b>Frogs:</b>			
	Bird-voiced Tree Frog	[ ]	
	Bronze Frog	[ ]	
	Bullfrog	[ ]	
	Dusky Gopher Frog	[ ]	
	Gray Tree Frog	[ ]	
	Green Tree Frog	[ ]	
	Northern Cricket Frog	[ ]	
	Northern Spring Peeper	[ ]	
	Ornate Chorus Frog	[ ]	
	Pig Frog	[ ]	
	Pin Wood Tree Frog	[ ]	
	River Frog	[ ]	
	Southern Chorus Frog	[ ]	
	Southern Leopard Frog	[ ]	
	Squirrel Tree Frog	[ ]	
<b>Toads:</b>			
	Eastern Narrowmouth Toad	[ ]	
	Eastern Spadefoot Toad	[ ]	
	Fowler's Toad	[ ]	
	Oak Toad	[ ]	
	Southern Toad	[ ]	
<b>Salamanders:</b>			
	Alabama Waterdog	[ ]	
	Central Newt	[ ]	
	Dwarf Salamander	[ ]	
	Gulf Coast Mud Salamander	[ ]	
	Lesser Siren	[ ]	
	Marbled Salamander	[ ]	
	Mississippi Slimy Salamander	[ ]	
	Mole Salamander	[ ]	
	Smallmouth Salamander	[ ]	
	Southern Red Salamander	[ ]	

## Field Notes and Drawings

## Field Notes and Drawings

## Animal Checklist

	Animal	Check Off	Date
	<b>Amphibians</b>		
	<b>Salamanders:</b>		
	Southern Two-lined Salamander	<input type="checkbox"/>	
	Spotted Dusky Salamander	<input type="checkbox"/>	
	Spotted Salamander	<input type="checkbox"/>	
	Three-lined Salamander	<input type="checkbox"/>	
	Two-toed Amphiuma	<input type="checkbox"/>	
	<b>Birds</b>		
	<b>Permanent Residents:</b>		
	American Crow	<input type="checkbox"/>	
	American Kestrel	<input type="checkbox"/>	
	American Oystercatcher	<input type="checkbox"/>	
	Bachman's Sparrow	<input type="checkbox"/>	
	Bald Eagle	<input type="checkbox"/>	
	Barn Owl	<input type="checkbox"/>	
	Belted Kingfisher	<input type="checkbox"/>	
	Black Skimmer	<input type="checkbox"/>	
	Black-bellied Plover	<input type="checkbox"/>	
	Blue Jay	<input type="checkbox"/>	
	Blue-winged Teal	<input type="checkbox"/>	
	Brown Pelican	<input type="checkbox"/>	
	Brown Thrasher	<input type="checkbox"/>	
	Brown-headed Cowbird	<input type="checkbox"/>	
	Brown-headed Nuthatch	<input type="checkbox"/>	
	Carolina Chickadee	<input type="checkbox"/>	
	Carolina Wren	<input type="checkbox"/>	
	Caspian Tern	<input type="checkbox"/>	
	Shipping Sparrow	<input type="checkbox"/>	
	Clapper Rail	<input type="checkbox"/>	
	Common Grackle	<input type="checkbox"/>	
	Common Ground-Dove	<input type="checkbox"/>	
	Common Tern	<input type="checkbox"/>	
	Common Yellowthroat	<input type="checkbox"/>	
	Cooper's Hawk	<input type="checkbox"/>	
	Double-crested Cormorant	<input type="checkbox"/>	
	Downy Woodpecker	<input type="checkbox"/>	
	Eastern Bluebird	<input type="checkbox"/>	
	Eastern Meadowlark	<input type="checkbox"/>	
	Eastern Screech-Owl	<input type="checkbox"/>	
	Eastern Towhee	<input type="checkbox"/>	
	Eurasian Collared-Dove	<input type="checkbox"/>	





**Plant Checklist**

	Plant	Check Off	Date
	Longleaf Pine	<input type="checkbox"/>	
	Marsh Elder	<input type="checkbox"/>	
	Marsh Pink	<input type="checkbox"/>	
	Meadow Beauty	<input type="checkbox"/>	
	Mist Flower	<input type="checkbox"/>	
	Muscadine	<input type="checkbox"/>	
	Myrtle-leaved Holly	<input type="checkbox"/>	
	Narrow-leaf Water Primrose	<input type="checkbox"/>	
	Netted Chain Fern	<input type="checkbox"/>	
	Orange Milkwort	<input type="checkbox"/>	
	Pale Pitcher Plant	<input type="checkbox"/>	
	Parrot's Beak Pitcher Plant	<input type="checkbox"/>	
	Pecan	<input type="checkbox"/>	
	Pickerelweed	<input type="checkbox"/>	
	Pine Lily	<input type="checkbox"/>	
	Poison Ivy****	<input type="checkbox"/>	
	Pond Cypress	<input type="checkbox"/>	
	Purple Pitcher Plant	<input type="checkbox"/>	
	Rayless Goldenrod	<input type="checkbox"/>	
	Red Maple	<input type="checkbox"/>	
	Red Milkweed	<input type="checkbox"/>	
	Redroot	<input type="checkbox"/>	
	Rose Purslane	<input type="checkbox"/>	
	Rosy Camphorweed	<input type="checkbox"/>	
	Rough-stemmed Goldenrod	<input type="checkbox"/>	
	Saltgrass	<input type="checkbox"/>	
	Saltmarsh False Foxglove	<input type="checkbox"/>	
	Saltmarsh Morning-glory	<input type="checkbox"/>	
	Saltmarsh Bullrush	<input type="checkbox"/>	
	Saltmeadow Cordgrass	<input type="checkbox"/>	
	Savanna Honeycomb	<input type="checkbox"/>	
	Saw Palmetto	<input type="checkbox"/>	
	Sawgrass	<input type="checkbox"/>	
	Sea Ox-eye	<input type="checkbox"/>	
	Seaside Goldenrod	<input type="checkbox"/>	
	Seven Sisters Lily	<input type="checkbox"/>	
	Showy Rattlebox	<input type="checkbox"/>	
	Sicklepod	<input type="checkbox"/>	
	Slash Pine	<input type="checkbox"/>	
	Smallfruit	<input type="checkbox"/>	
	Smooth Cordgrass	<input type="checkbox"/>	
	Southern Magnolia	<input type="checkbox"/>	
	Spadeleaf	<input type="checkbox"/>	

**Animal Checklist**

	Animal	Check Off	Date	
	<b>Birds</b>			
	<b>Summer Birds:</b>			
	Anhinga	<input type="checkbox"/>		
	Barn Swallow	<input type="checkbox"/>		
	Black-crowned Night-Heron	<input type="checkbox"/>		
	Blue Grosbeak	<input type="checkbox"/>		
	Blue-gray Gnatcatcher	<input type="checkbox"/>		
	Cattle Egret	<input type="checkbox"/>		
	Chimney Swift	<input type="checkbox"/>		
	Common Nighthawk	<input type="checkbox"/>		
	Easter Wood-Pewee	<input type="checkbox"/>		
	Eastern Kingbird	<input type="checkbox"/>		
	Great Crested Flycatcher	<input type="checkbox"/>		
	Green Heron	<input type="checkbox"/>		
	Hooded Warbler	<input type="checkbox"/>		
	Indigo Bunting	<input type="checkbox"/>		
	Least Tern	<input type="checkbox"/>		
	Magnificent Frigatebird	<input type="checkbox"/>		
	Mississippi Kite	<input type="checkbox"/>		
	Orchard Oriole	<input type="checkbox"/>		
	Prothonotary Warbler	<input type="checkbox"/>		
	Purple Martin	<input type="checkbox"/>		
	Red-eyed Vireo	<input type="checkbox"/>		
	Ruby-throated Hummingbird	<input type="checkbox"/>		
	Sandwich Tern	<input type="checkbox"/>		
	Summer Tanager	<input type="checkbox"/>		
	Turkey Vulture	<input type="checkbox"/>		
	White Ibis	<input type="checkbox"/>		
	Wilson's Plover	<input type="checkbox"/>		
	Wood Thrush	<input type="checkbox"/>		
	Yellow-billed Cuckoo	<input type="checkbox"/>		
	Yellow-crowned Night-Heron	<input type="checkbox"/>		
	<b>Migrant Birds:</b>			
	Acadian Flycatcher	<input type="checkbox"/>		
	American Avocet	<input type="checkbox"/>		
	American Redstart	<input type="checkbox"/>		
	Baltimore Oriole	<input type="checkbox"/>		
	Bank Swallow	<input type="checkbox"/>		
	Barn Swallow	<input type="checkbox"/>		
	Black-and-white Warbler	<input type="checkbox"/>		
	Black-throated Green Warbler	<input type="checkbox"/>		
	Blue Grosbeak	<input type="checkbox"/>		
	Blue-gray Gnatcatcher	<input type="checkbox"/>		

## Animal Checklist

	Animal	Check Off	Date
	<b>Birds</b>		
	<b>Migrant Residents:</b>		
	Blue-winged Warbler	[ ]	
	Broad-winged Hawk	[ ]	
	Canada Warbler	[ ]	
	Cedar Waxwing	[ ]	
	Cerulean Warbler	[ ]	
	Chestnut-sided Warbler	[ ]	
	Chimney Swift	[ ]	
	Chuck-will's-widow	[ ]	
	Cliff Swallow	[ ]	
	Common Nighthawk	[ ]	
	Dunlin	[ ]	
	Easter Wood-Pee-wee	[ ]	
	Eastern Kingbird	[ ]	
	Gray-cheeked Thrush	[ ]	
	Greater Yellowlegs	[ ]	
	Hooded Warbler	[ ]	
	Indigo Bunting	[ ]	
	Kentucky Warbler	[ ]	
	Least Sandpiper	[ ]	
	Lesser Yellowlegs	[ ]	
	Magnolia Warbler	[ ]	
	Merlin	[ ]	
	Northern Parula	[ ]	
	Northern Rough-winged Swallow	[ ]	
	Orchard Oriole	[ ]	
	Ovenbird	[ ]	
	Painted Bunting	[ ]	
	Palm Warbler	[ ]	
	Pectoral Sandpiper	[ ]	
	Peregrine Falcon	[ ]	
	Philadelphia Vireo	[ ]	
	Prairie Warbler	[ ]	
	Prothonotary Warbler	[ ]	
	Purple Martin	[ ]	
	Red Knot	[ ]	
	Red-eyed Vireo	[ ]	
	Rose-breasted Grosbeak	[ ]	
	Ruby-throated Hummingbird	[ ]	
	Scarlet Tanager	[ ]	
	Semipalmated Sandpiper	[ ]	
	Sharp-shinned Hawk	[ ]	
	Summer Tanager	[ ]	

## Plant Checklist

	Plant	Check Off	Date
	American Holly	[ ]	
	American Mistletoe	[ ]	
	American Persimmon	[ ]	
	Bald Cypress	[ ]	
	Barbara's Buttons	[ ]	
	Black Needlerush	[ ]	
	Blue Butterwort	[ ]	
	Blue-eyed Grass	[ ]	
	Bulltongue Arrowhead	[ ]	
	Buttonweed	[ ]	
	Camphortree**	[ ]	
	Chinese Tallow Tree**	[ ]	
	Clustered Sedge	[ ]	
	Coast Cockspur Grass	[ ]	
	Coastal Morning-glory	[ ]	
	Cogon Grass**	[ ]	
	Combleaf Merrmaidweed	[ ]	
	Common Goldenrod	[ ]	
	Crossvine	[ ]	
	Devil's Walking Stick	[ ]	
	Dog Fennel	[ ]	
	Drumhead	[ ]	
	Dwarf Milkwort	[ ]	
	Dwarf Sundew	[ ]	
	Eastern Redcedar	[ ]	
	Eryngo	[ ]	
	Fourpetal St. John's Wort	[ ]	
	Foxtail Grass	[ ]	
	Glasswort	[ ]	
	Grass Pink Orchid	[ ]	
	Groundsel Tree	[ ]	
	Gulf Muhly Grass	[ ]	
	Hairy Umbrella Sedge	[ ]	
	Hemp Sesbania	[ ]	
	Inkberry	[ ]	
	Japanese Honeysuckle**	[ ]	
	Japanese Climbing Fern**	[ ]	
	Largeleaf Marsh Pennywort	[ ]	
	Laurel Briar	[ ]	
	Little Bluestem	[ ]	
	Live Oak	[ ]	
	Loblolly Pine	[ ]	
	Longleaf Milkweed	[ ]	



## Animal Checklist

	Animal	Check Off	Date
	<b>Reptiles</b>		
	<b>Snakes:</b>		
	(Continued)		
	Eastern Diamondback Rattlesnake****	[ ]	
	Eastern Garter Snake	[ ]	
	Eastern Hognose Snake	[ ]	
	Eastern Indigo Snake	[ ]	
	Eastern Ribbon Snake	[ ]	
	Florida Red-bellied Snake	[ ]	
	Gray Rat Snake	[ ]	
	Gulf Crayfish Snake	[ ]	
	Gulf Salt Marsh Snake	[ ]	
	Marsh Brown Snake	[ ]	
	Midland Water Snake	[ ]	
	Mississippi Green Water Snake	[ ]	
	Mississippi Ringneck snake	[ ]	
	Mole Snake	[ ]	
	Mud Snake	[ ]	
	Pigmy Rattlesnake****	[ ]	
	Pinewoods Snake	[ ]	
	Rainbow Snake	[ ]	
	Rough Earth Snake	[ ]	
	Rough Green Snake	[ ]	
	Scarlet King Snake	[ ]	
	Southeastern Crowned Snake	[ ]	
	Southern Black Racer	[ ]	
	Southern Copperhead****	[ ]	
	Southern Hognose Snake	[ ]	
	Speckled King Snake	[ ]	
	Western Smooth Earth Snake	[ ]	
	Yellow-belly Water Snake	[ ]	
	<b>**** Poisonous --- exercise extreme caution</b>		

## Animal Checklist

	Animal	Check Off	Date
	<b>Birds</b>		
	<b>Migrant Residents:</b>		
	(Continued)		
	Swainson's Thrush	[ ]	
	Swainson's Warbler	[ ]	
	Tennessee Warbler	[ ]	
	Tree Swallow	[ ]	
	Western Sandpiper	[ ]	
	Whip-poor-will	[ ]	
	Wilson's Warbler	[ ]	
	Wood Thrush	[ ]	
	Worm-eating Warbler	[ ]	
	Yellow Warbler	[ ]	
	Yellow-billed Cuckoo	[ ]	
	Yellow-rumped Warbler	[ ]	
	Yellow-throated Vireo	[ ]	
	Yellow-throated Warbler	[ ]	
	Yellow Warbler	[ ]	
	<b>Butterflies</b>		
	<b>Common Butterflies:</b>		
	Palamedes Swallowtail	[ ]	
	Cloudless Sulfur	[ ]	
	Little Yellow	[ ]	
	Gray Hairstreak	[ ]	
	Red-banded Hairstreak	[ ]	
	Gulf Fritillary	[ ]	
	Pearl Crescent	[ ]	
	Common Buckeye	[ ]	
	Carolina Satyr	[ ]	
	Monarch	[ ]	
	Silver-spotted Skipper	[ ]	
	Horace's Duskywing	[ ]	
	Fiery Skipper	[ ]	
	Sachem	[ ]	
	Salt Marsh Skipper	[ ]	
	Ocola Skipper	[ ]	
	Red Spotted Purple	[ ]	
	Variegated Fritillary	[ ]	
	Painted Lady	[ ]	

## Animal Checklist

	Animal	Check Off	Date
<b>Mammals</b>			
<b>Common Mammals:</b>			
	Beaver	[ ]	
	Big Brown Bat	[ ]	
	Black Bear***	[ ]	
	Bottlenose Dolphin	[ ]	
	Deer Mouse	[ ]	
	Gray Fox	[ ]	
	Gray Squirrel	[ ]	
	Fox Squirrel	[ ]	
	Manatee*	[ ]	
	Muskrat	[ ]	
	Nutria**	[ ]	
	Opossum	[ ]	
	Raccoon	[ ]	
	Red Fox	[ ]	
	River Otter	[ ]	
	Southern Flying Squirrel	[ ]	
	Striped Skunk	[ ]	
	Swamp Rabbit	[ ]	
	White-tailed Deer	[ ]	
<b>Reptiles</b>			
<b>Alligators:</b>			
	American Alligator***	[ ]	
<b>Turtles/Tortoises:</b>			
	Alabama Map Turtle	[ ]	
	Alabama Red-bellied Turtle	[ ]	
	Common Musk Turtle	[ ]	
	Common Snapping Turtle	[ ]	
	Cooter	[ ]	
	Diamondback Terrapin	[ ]	
	Eastern Chicken Turtle	[ ]	
<b>***Dangerous animal – Do not approach or feed</b>			

## Animal Checklist

	Animal	Check Off	Date
<b>Reptiles</b>			
<b>Turtles/Tortoises:</b>			
	Eastern Mud Turtle	[ ]	
	Gopher Tortoise	[ ]	
	Gulf Coast Box Turtle	[ ]	
	Gulf Coast Spiny Softshell Turtle	[ ]	
	Kemp's Ridley Sea Turtle	[ ]	
	Loggerhead Sea Turtle	[ ]	
	Loggerhead Snapping Turtle	[ ]	
	Mississippi Mud Turtle	[ ]	
	Red-eared Slider	[ ]	
	Three-toed Box Turtle	[ ]	
	Yellowbelly Slider	[ ]	
	Yellow-blotched Map Turtle	[ ]	
<b>Lizards:</b>			
	Broadhead Skink	[ ]	
	Eastern Glass Lizard	[ ]	
	Five-lined Skink	[ ]	
	Green Anole	[ ]	
	Ground Skink	[ ]	
	Mediterranean Gecko**	[ ]	
	Mimic Glass Lizard	[ ]	
	Six-lined Racerunner	[ ]	
	Southeastern Five-lined Skink	[ ]	
	Southern Fence Lizard	[ ]	
<b>Snakes:</b>			
	Banded Water Snake	[ ]	
	Black Pine Snake	[ ]	
	Broad-banded Water Snake	[ ]	
	Corn Snake	[ ]	
	Cottonmouth (Moccasin)****	[ ]	
	Diamondback Water Snake	[ ]	
	Eastern Coach Whip	[ ]	
	Eastern Coral Snake****	[ ]	
<b>**** Poisonous --- exercise extreme caution</b>			