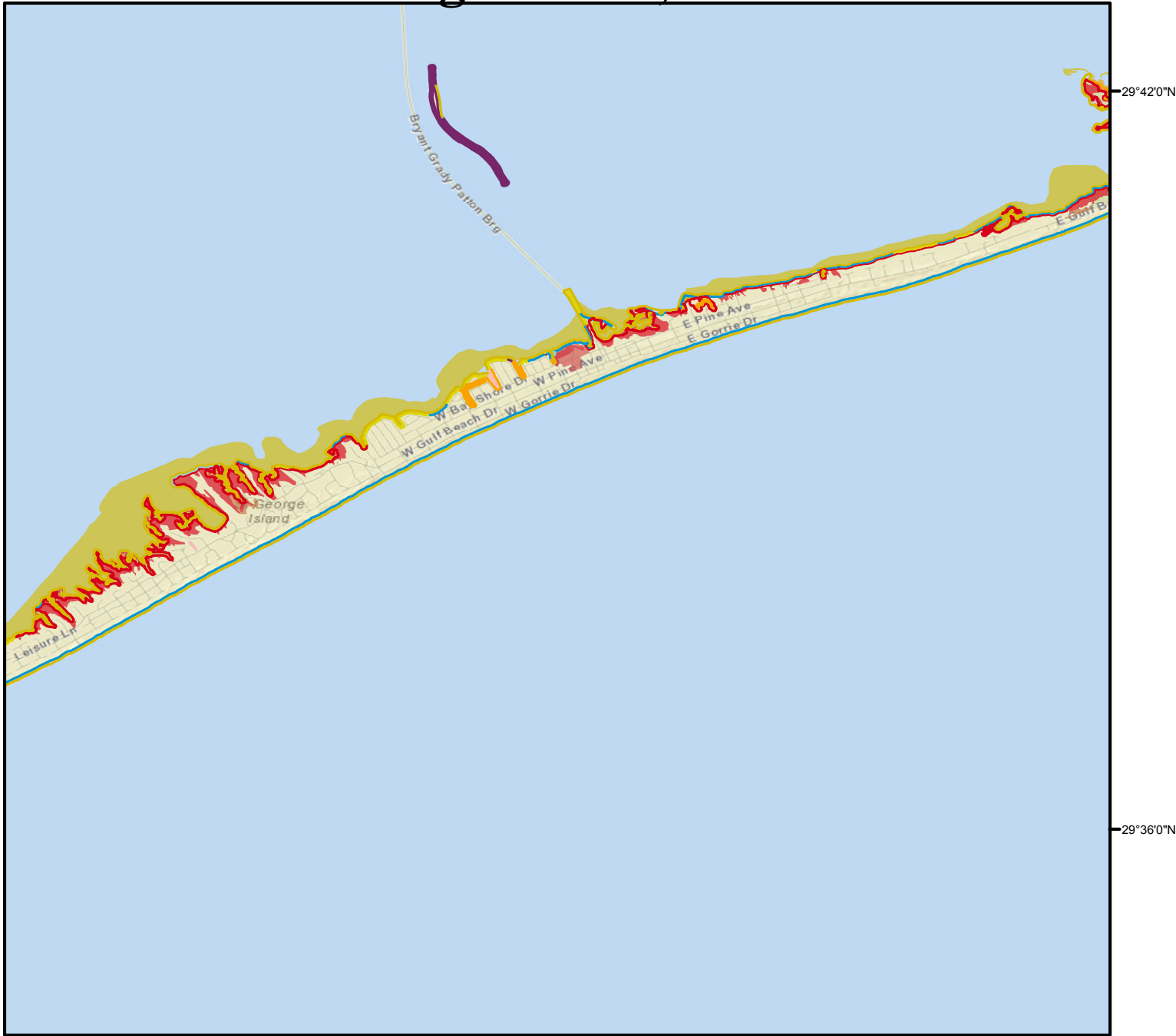
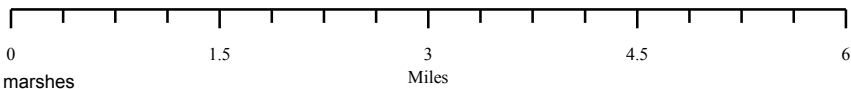


# St George Island, Florida



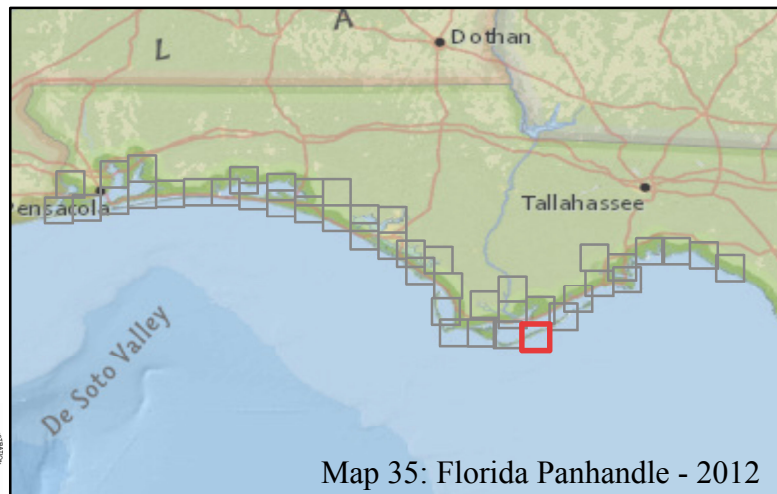
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84°48'0\"/>



## ESI Shoreline Habitats on Map

- 10A Salt- and brackish-water marshes
- 10B Freshwater marshes
- 10C Swamps
- 10D Scrub-shrub wetlands
- 9A Sheltered tidal flats
- 9B Vegetated low banks
- 8B Sheltered, solid man-made structures
- 7 Exposed tidal flats
- 6B Riprap
- 5 Mixed sand and gravel beaches
- 3A Fine- to medium-grained sand beaches
- 1B Exposed, solid man-made structures










Content from Florida Panhandle - 2012 ESI Atlas







# St George Island, Florida

## BIOLOGICAL RESOURCES

Birds																			
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	MIGRATING	MOLTING
 Diving	Brown pelican	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Common loon		-	-	X	X	X	X							X	X			
 Gull/Tern	Black skimmer	C	-	-					X	X	X	X	X				May-Sep		
	Caspian tern		113-150-NESTS	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug		
	Gull-billed tern		5-NESTS	-			X	X	X	X	X	X	X	X	X	X	May-Aug		
	Laughing gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug		
	Least tern	T	-	-					X	X	X	X					Apr-Aug		
	Ring-billed gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Royal tern		-	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug		
	Sandwich tern		-	-	X	X	X	X					X	X	X	X	May-Aug		
	Sooty tern		1-NEST	-			X	X	X	X	X	X					Mar-Aug		
 Pelagic	Northern gannet		-	-	X	X	X	X								X			
 Raptor	Bald eagle		-	-	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Jun		
	Merlin		-	-	X	X	X	X				X	X	X	X				
	Osprey	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Peregrine falcon		-	-	X	X	X	X				X	X	X	X				
 Shorebird	American oystercatcher	C	4-ADULTS	-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul		
	Black-bellied plover		-	-	X	X	X	X		X	X	X	X	X	X	X			
	Dunlin		-	-	X	X	X	X			X	X	X	X	X	X			
	Killdeer		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Piping plover	T T	-	-	X	X	X	X			X	X	X	X	X	X			
	Ruddy turnstone		-	-	X	X	X	X		X	X	X	X	X	X	X			
	Sanderling		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Semipalmated plover		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Waterfowl	American black duck		-	-	X	X	X	X					X	X	X				
	American coot		10S	-	X	X						X	X	X	X	Mar-Aug			
	American wigeon		-	-	X	X	X	X				X	X	X	X				
	Blue-winged teal		-	-	X	X	X	X	X		X	X	X	X	X	X			
	Bufflehead		-	-	X	X									X				
	Canada goose		-	-	X	X	X					X	X	X					
	Canvasback		-	-	X	X	X							X	X				
	Cinnamon teal		-	-	X	X	X	X	X		X	X	X	X	X	X			
	Common goldeneye		-	-	X	X	X							X					
	Gadwall		-	-	X	X	X						X	X	X				
	Green-winged teal		10S	-	X	X	X	X				X	X	X	X				
	Lesser scaup		100S	-	X	X	X	X					X	X	X				
	Mallard		-	-	X	X	X					X	X	X	X				
	Mottled duck		-	-	X								X	X	X				
	Northern pintail		10S	-	X	X	X					X	X	X					
	Northern shoveler		-	-	X	X	X	X				X	X	X	X				
	Red-breasted merganser		-	-	X	X	X	X				X	X	X					
	Redhead		-	-	X	X	X						X	X					
	Ring-necked duck		-	-	X	X	X	X					X	X	X				
	Ruddy duck		10S	-	X	X	X	X					X	X	X				
Scaup		1000S	-	X	X	X	X					X	X	X					


Fish																					
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT
 Diadromous	Alabama shad	C	PRESENT	-	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Gizzard shad		RARE	-	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Gulf sturgeon	T T	ABUNDANT	-	X	X	X						X	X	X				Oct-Apr	Oct-Apr	
	Striped bass		PRESENT	-	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec

## St George Island, Florida (continued)

Fish (continued)																					
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT
 Estuarine Nursery	Atlantic croaker			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Apr	Sep-Apr	Sep-Apr	Jan-Dec	Jan-Dec
	Atlantic sharpnose shark			PRESENT				X	X	X	X	X	X				May-Jul		Apr-Oct	Apr-Oct	Apr-Oct
	Bay anchovy			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Nov	Jan-Nov	Jan-Nov	Jan-Dec	Jan-Dec
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Apr	Nov-Apr	Dec-May	Jan-Dec	Jan-Dec
	Black sea bass			COMMON					X	X	X	X	X	X	X	X	Dec-Apr	Dec-Apr	Dec-May	Jan-Dec	Jan-Dec
	Bluefish			COMMON			X	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec
	Bonnethead shark			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Nov		Aug-Sep	Oct-Jan*	Jul-May
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Aug		Apr-Jun	Jan-Dec	Jan-Dec
	Gray snapper			RARE	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec
	Grunts			HIGHLY-ABUNDANT						X	X	X	X							Jun-Sep	
	Gulf flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Feb	Nov-Feb	Nov-Mar	Jan-Dec	Jan-Dec
	Gulf menhaden			ABUNDANT				X	X	X	X	X	X				Oct-Mar	Oct-Mar	Oct-Apr	Jan-Dec	Jan-Dec
	Hardhead catfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug	May-Aug	May-Sep	Jan-Dec	Jan-Dec
	Hogchoker			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Kingfishes			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X				Apr-Dec	
	Ladyfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Nov	Jan-Nov	Jan-Dec	Jan-Dec	Jan-Dec
	Lane snapper			PRESENT						X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jun-Jan*	Sep-Jan*
	Mojarras			ABUNDANT	X	X				X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Nov	Jun-Feb	Apr-Nov
	Pigfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-May	Jan-May	Jan-Dec		Jan-May
	Pinfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Jan-Dec	Jan-Dec
	Porgy spp.			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Aug	Jan-Aug	Jan-Sep	Jan-Dec	Apr-Dec
	Red drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Dec	Sep-Dec	Sep-Jan	Jan-Dec	Jan-Dec
	Sand seatrout			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Mar-Oct	Jan-Dec	Jan-Dec
	Sheepshead			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Feb-Apr	Feb-Apr	Feb-Jul	Jan-Dec	Jan-Dec
	Silver mullet			COMMON	X	X	X	X	X	X	X	X	X	X	X	X				May-Oct	Jan-Dec
	Southern flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Nov-Jan	Nov-Jan	Nov-Mar	Jan-Dec	Jan-Dec
	Spot			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Dec-Oct	Jan-Dec
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Sep	Apr-Oct	Jan-Dec	Jan-Dec
	Striped mullet			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Mar	Oct-Mar	Oct-Apr	Jan-Dec	Jan-Dec
	Tarpon			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Aug-Dec	Jan-Dec	Jun-Aug
Yellowfin menhaden			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Dec-Mar			Jan-Dec	Jan-Dec	
 Estuarine Resident	Code goby			COMMON	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec	
	Gulf killifish			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec	
	Sheepshead minnow			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Oct	Apr-Oct	May-Jan	Jan-Dec	
	Silver perch			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec	
	Silversides			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Smalltooth sawfish	E		PRESENT	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec	
 Fish	Vermillion snapper			COMMON			X	X	X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	
 Marine Benthic	Atlantic spadefish			COMMON			X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Jan-Dec	Jan-Dec	
	Cusk eels			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Flatfish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Florida pompano			COMMON			X	X	X	X	X	X	X			Mar-Oct	Mar-Oct	Mar-Sep	Mar-Nov		
	Gag grouper			HIGHLY-ABUNDANT	X	X			X	X	X	X	X	X	X				May-Oct	Oct-Feb	
	Goatfishes			PRESENT	X	X	X	X	X	X	X	X	X	X	X	Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec	
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Apr-Nov	Apr-Nov	
	Little tunny			PRESENT	X	X	X	X	X	X	X	X	X	X	X						
	Lizardfishes			ABUNDANT			X	X	X	X	X	X				Apr-Aug	Apr-Aug	Apr-Oct	Jan-Dec	Jan-Dec	
	Permit			COMMON			X	X	X	X	X	X				Apr-Jun	Apr-Jun	Mar-Oct	Aug-Nov	Mar-Nov	
	Rays			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec		Jan-Dec	Jan-Dec	
	Red snapper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	May-Oct	May-Oct	May-Nov	Apr-Jan	Apr-Jan	
	Rock sea bass			COMMON			X	X	X	X	X	X	X			Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec	
	Scamp grouper			HIGHLY-ABUNDANT			X	X	X	X	X	X	X			Mar-May	Mar-May	Mar-Jun	Mar-Nov	Apr-Nov	
	Searobins			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	
	Skates			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec		Jan-Dec	Jan-Dec	
Tonguefish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec		



## St George Island, Florida (continued)

### Fish (continued)



Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILE	ADULT	
 Marine Pelagic	Amberjacks			HIGHLY-ABUNDANT				X	X	X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Dec	Apr-Dec	Apr-Dec	
	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Oct	Jan-Dec	Jan-Dec	
	Ballyhoo			PRESENT						X	X	X										
	Bigeye scad			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec	
	Blackfin tuna			PRESENT				X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Dec	Apr-Dec	Apr-Dec	Oct	
	Blacknose shark			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Jul		May-Oct	May-Oct	Jan-Dec	
	Blacktip shark			PRESENT		X	X	X	X	X	X	X	X	X	X	X	May-Jun		May-Sep	Mar-Nov	Apr-Nov	
	Blue runner			COMMON						X	X	X	X	X			Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Bluefin tuna	C		PRESENT				X	X	X							Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	Apr-Jun	
	Cobia			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	May-Sep	May-Sep	Mar-Nov	Mar-Nov	
	Crevalle jack			COMMON			X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Dolphin			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jul-Aug	
	Finetooth shark			-					X	X	X	X	X						May-Sep	May-Sep	May-Sep	
	King mackerel			COMMON						X	X	X	X	X	X	X	Jun-Oct	Jun-Oct	Jun-Oct	Jun-Nov	Jun-Nov	
	Red grouper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul					Jan-Dec
	Round scad			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec	
	Scalloped hammerhead			-	X	X	X	X	X	X	X	X	X	X	X	X	May-Jun		Apr-Oct	Jan-Dec	Apr-Nov	
	Spanish mackerel			RARE	X	X	X	X	X	X	X	X	X	X	X	X	May-Oct	May-Oct	May-Oct	Jan-Dec	Jan-Dec	
	Spanish sardine			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Nov	Mar-Nov	Mar-Nov	Jan-Dec	Jan-Dec	
	Spinner shark			-					X	X	X	X	X				May-Jun			Jun-Sep	May-Jun	
	Thread herring			COMMON						X	X	X	X	X			Mar-Sep	Mar-Sep	Mar-Sep	Apr-Dec	Jan-Dec	
Wahoo			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec		

(\*) = This life stage occurs during the months listed, but not continuously.

### Marine Mammals













Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	MATING	CALVING	PUPPING	MOLTING
 Dolphin	Bottlenose dolphin			-	X	X	X	X	X	X	X	X	X	X	X	X				
 Manatee	West Indian manatee	E	E	MEDIUM			X	X	X	X	X	X	X	X	X					

### Reptiles and Amphibians

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	HATCHING	INTERESTING	JUVENILE	ADULT
 Snake	Apalachicola kingsnake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul	Jul-Aug			
	Gulf salt marsh snake			-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Apr	Jul-Aug			Jan-Dec
 Turtle	Green sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Aug	Aug-Nov	May-Nov	Jan-Dec	Jan-Dec
	Hawksbill sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Kemp's ridley sea turtle	E	E	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Leatherback sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X	May-Jul	Jul-Sep		Jan-Dec	Jan-Dec
	Loggerhead sea turtle	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Sep	Jul-Nov	Apr-Sep	Jan-Dec	Jan-Dec

## St George Island, Florida (continued)

### Human Use Resources











Icon	Type	Name	Contact	Phone
	Recreational Fishing	Shellfish Harvesting Area		
	Recreational Fishing	St. George Island Fishing Pier-south		
	Park	St. George Island State Park		
	Management Area	Apalachicola Bay Aquatic Preserve		850/670-4783
	Management Area	Apalachicola Nerr	RESERVE MANAGER	850/670-7700
	Management Area	Apalachicola River And Bay Swim	NFWFMD SWIM	850/539-5999
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Critical Habitat	Piping Plover Critical Habitat	USFWS	
	Boat Ramp	St. George Island Bridge West		
	Beach	St Geo Isl Sp		
	Access	Access		
	Abandoned Vessel	Shorty's Boy		

### SHORELINE RESOURCES:

#### ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters <sup>2</sup> )
	10A	Salt- and brackish-water marshes	1,585,030
	10B	Freshwater marshes	10,424
	10C	Swamps	101,365
	10D	Scrub-shrub wetlands	52,208
	9A	Sheltered tidal flats	23,040
	7	Exposed tidal flats	5,191,514

#### Shoreline Types (Length of ESI Shoreline on Map = 80,029 meters ; Length of Shoreline on Map = 76,275 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	48,407	60
	10C	Swamps	483	<1
	9A	Sheltered tidal flats	2,377	2
	9B	Vegetated low banks	2,417	3
	8B	Sheltered, solid man-made structures	587	<1
	7	Exposed tidal flats	70,696	88
	6B	Riprap	5,389	6
	5	Mixed sand and gravel beaches	967	1
	3A	Fine- to medium-grained sand beaches	25,699	32
	1B	Exposed, solid man-made structures	4,575	5

**Note:** A shoreline segment may include multiple shoreline habitats. If any segments include multiple habitats, the combined length of all habitats will exceed the length of the mapped ESI shoreline, and the percent of ESI shoreline values will sum to greater than 100%.

