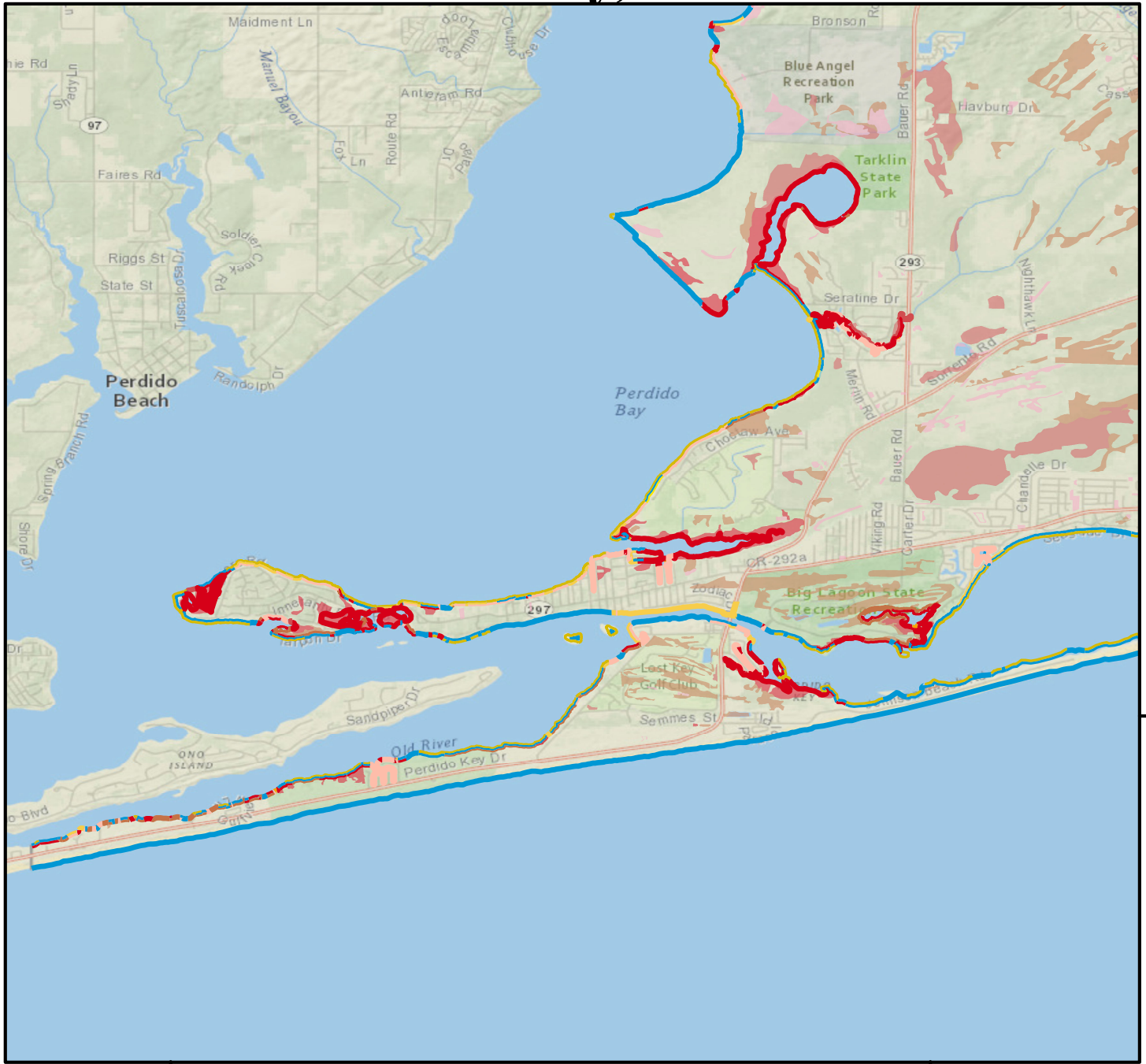


Perdido Bay, Florida

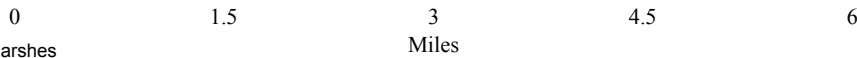


87°30'0"W

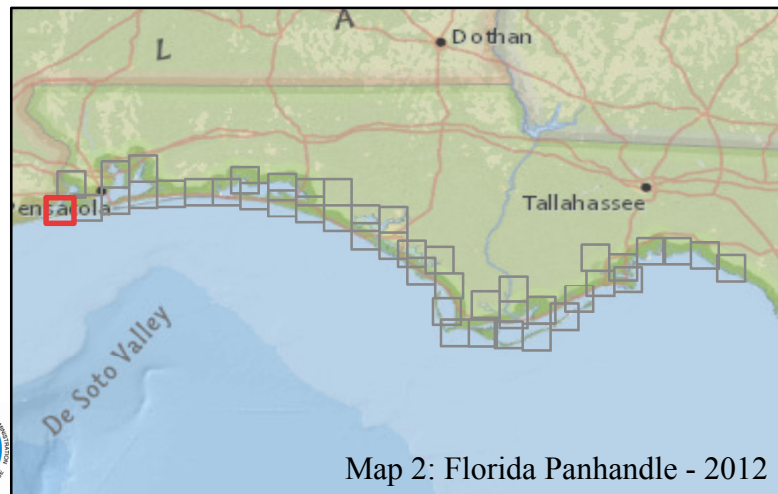
87°24'0"W

30°18'0"N

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
- 8A Sheltered scarps in bedrock, mud or clay
- 8B Sheltered, solid man-made structures
- 8C Sheltered riprap
- 7 Exposed tidal flats
- 5 Mixed sand and gravel beaches
- 3A Fine- to medium-grained sand beaches







Perdido Bay, 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		
	Double-crested cormorant		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Gull/Tern	Black skimmer	C	-	-					X	X	X	X	X						
	Laughing gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Least tern	T	-	-					X	X	X	X					Apr-Aug		
	Ring-billed gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 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		
	Osprey	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec		
 Shorebird	Killdeer		-	-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Jul		
	Piping plover	T	T	-	X	X	X	X				X	X	X	X	X			
	Red knot		-	-	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			
	Snowy plover	T	-	-			X	X	X	X	X	X					Mar-Aug		
	Willet		-	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Jul		
	Wilson's plover		-	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Jul		
 Waterfowl	American black duck		-	-	X	X	X	X							X	X	X		
	American coot		-	-	X	X							X	X	X	X			
	Bufflehead		-	-	X	X									X				
	Canvasback		-	-	X	X	X								X	X			
	Common goldeneye		-	-	X	X	X								X				
	Lesser scaup		-	-	X	X	X	X						X	X	X			
	Mallard		-	-	X	X	X				X	X	X	X					
	Red-breasted merganser		-	-	X	X	X	X						X	X	X			
	Ring-necked duck		-	-	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	Apr-Dec
	Gizzard shad			RARE	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec
	Gulf sturgeon	T	T	PRESENT	X	X	X	X	X	X	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					

Perdido Bay, 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			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Sep-Apr	Sep-Apr	Aug-Apr	Jan-Dec	Jan-Dec
	Atlantic sharpnose shark			PRESENT				X	X	X	X	X	X	X			May-Jul		Apr-Oct	Apr-Oct	Apr-Oct
	Bay anchovy			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Feb-Sep	Feb-Oct	Feb-Dec	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			PRESENT	X	X	X	X	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			RARE	X	X	X	X	X	X	X	X	X	X	X	X	Jun-Aug		Apr-Jun	Jan-Dec	Jan-Dec
	Gray snapper			COMMON									X	X			Jun-Nov	Jun-Nov	Jun-Dec	Jan-Dec	Jan-Dec
	Grunts			PRESENT							X	X	X	X						Jun-Sep	
	Gulf flounder			RARE	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	X	X	X	X	X	X	Oct-Mar	Sep-Mar	Oct-May	Jan-Dec	Jan-Dec
	Hardhead catfish			COMMON	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			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X					
	Ladyfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Lane snapper			PRESENT							X	X	X	X			Sep-Jan*	Sep-Jan*	Sep-Jan*	Sep-Jan*	Sep-Jan*
	Mojarras			ABUNDANT				X	X	X	X	X	X				Apr-Nov	Apr-Nov	Apr-Nov	Apr-Oct	Apr-Nov
	Pigfish			COMMON				X	X	X	X	X	X				Jan-May	Jan-May	Jan-May	Apr-Oct	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-Dec	Jan-Dec	Jan-Dec
	Sand seatrout			COMMON	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	Mar-Jan
	Spot			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	Oct-Apr	Oct-Apr	Oct-Apr	Jan-Dec	Jan-Dec
	Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Dec	Apr-Sep	Mar-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-Mar	Jan-Dec	May-Mar
	Tarpon			RARE	X	X	X	X	X	X	X	X	X	X	X	X				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			RARE	X	X	X	X	X	X	X	X	X	X	X	Oct-Jan*	Oct-Jan*	Oct-Jan*	Jan-Dec	Jan-Dec	
	Sheepshead minnow			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Oct	Apr-Oct	Apr-Nov	Jan-Dec	Jan-Dec	
	Silver perch			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Jul	Apr-Aug	Apr-Jul	Jan-Dec	Jan-Dec	
	Silversides			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Mar-Oct	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			HIGHLY-ABUNDANT				X	X	X	X	X	X	X	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov	Apr-Nov		
 Freshwater	Bluegill			COMMON	X	X	X	X	X	X	X	X	X	X	Apr-Sep	Apr-Sep	Apr-Sep	Jan-Dec	Jan-Dec		
	Largemouth bass			COMMON	X	X	X	X	X	X	X	X	X	X	Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec		

Perdido Bay, 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 Benthic	Atlantic spadefish			PRESENT						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	X		Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Flatfish			COMMON	X	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				Mar-Oct	Mar-Oct	Mar-Sep	Mar-Nov	
	Gag grouper			PRESENT	X	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	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	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	X						
	Lizardfishes			ABUNDANT							X	X	X	X				Apr-Aug	Apr-Aug	Apr-Oct	Jan-Dec	Jan-Dec
	Permit			PRESENT							X	X	X	X				Apr-Jun	Apr-Jun	Mar-Oct	Aug-Nov	Mar-Nov
	Rays			PRESENT	X	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	X		May-Oct	May-Oct	May-Nov	Apr-Jan	Apr-Jan
	Rock sea bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X		Mar-Jun	Mar-Jun	Mar-Jul	Jan-Dec	Jan-Dec
	Scamp grouper			ABUNDANT			X	X	X	X	X	X	X	X				Mar-May	Mar-May	Mar-Jun	Mar-Nov	Apr-Nov
	Searobins			COMMON			X	X	X	X	X	X						Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
	Skates			PRESENT	X	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	X		Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec
 Marine Pelagic	Amberjacks			ABUNDANT				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		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				Apr-Dec	Apr-Dec	Apr-Dec	Apr-Dec	Oct
	Blacktip shark			PRESENT			X	X	X	X	X	X	X				May-Jun		May-Sep	Mar-Nov	Apr-Nov	
	Blue runner			COMMON						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				Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec	
	Dolphin			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		Jan-Dec	Jan-Dec	Jan-Dec	Jan-Dec	Jul-Aug
	King mackerel			HIGHLY-ABUNDANT					X	X	X	X	X				May-Oct	May-Oct	May-Oct	May-Oct	May-Oct	
	Red grouper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X		Mar-Jul				Jan-Dec
	Round scad			COMMON	X	X	X	X	X	X	X	X	X	X	X	X		Sep-Jan*	Sep-Jan*	Sep-Jan*	Jan-Dec	Jan-Dec
	Scalloped hammerhead			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X		May-Jun		Apr-Oct	Jan-Dec	Apr-Nov
	Spanish mackerel			COMMON						X	X	X	X				May-Oct	May-Oct	May-Oct	Apr-Oct	May-Oct	
	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
	Thread herring			COMMON						X	X	X	X				Mar-Sep	Mar-Sep	Mar-Sep	Apr-Dec	Jan-Dec	
Tiger shark			-							X	X								Jul-Aug	Jul-Aug		
Wahoo			ABUNDANT	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.


Habitats and Rare Plants

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Plant	Godfrey's goldenaster	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Large-leaved jointweed	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Spoon-leaved sundew	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	White-top pitcherplant	E		-	X	X	X	X	X	X	X	X	X	X	X	X

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	LOW			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
 Alligator	American alligator		S	-	X	X	X	X	X	X	X	X	X	X	X	X	May-Jul	Aug-Sep			

Perdido Bay, Florida (continued)

Reptiles and Amphibians (continued)

Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	HATCHING	INTERESTING	JUVENILE	ADULT
 Turtle	Diamondback terrapin			-			X	X	X	X	X	X	X	X	X	X	Apr-Jun	Aug-Sep			
	Gopher tortoise	T		-	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Dec				
	Green sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X		Sep-Oct	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				Jan-Dec	Jan-Dec
	Loggerhead sea turtle	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X	May-Aug	Jul-Nov	Apr-Sep	Jan-Dec	Jan-Dec

Terrestrial Mammals


Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Small Mammal	Perdido Key beach mouse	E	E	-	X	X	X	X	X	X	X	X	X	X	X	X

Human Use Resources

Icon	Type	Name	Contact	Phone
	Recreational Fishing	Perdido Cove Rv		
	Park	Big Lagoon State Recreation Area		
	Park	Perdido Key State Recreation Area		
	Park	Tarkiln Bayou Preserve State Park		
	National Park	Gulf Islands National Seashore	NATIONAL PARK SERVICE	850/934-2619
	Marina	Holiday Harbor Marina	DOCKMASTER	850/492-0555
	Marina	Oyster Bar Marina	DOCKMASTER	850/492-4944
	Marina	Perdido Cove Resort And Marina	DOCKMASTER	850/492-7804
	Management Area	Fort Pickens State Park Aquatic Preserve		850/983-5359
	Management Area	Pensacola Bay Swim	NWFWMD SWIM	850/539-5999
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Critical Habitat	Perdido Key Beach Mouse Critical Habitat	USFWS	
	Critical Habitat	Piping Plover Critical Habitat	USFWS	
	Boat Ramp	Big Lagoon State Recreation Area		850/492-1595
	Boat Ramp	Eden		
	Boat Ramp	Galvez Landing Boat Ramp		850/475-5220
	Boat Ramp	Gulf Islands Ns - Perdido Key		850/934-2600
	Boat Ramp	Holiday Harbor Marina		
	Boat Ramp	Old River Landing		
	Boat Ramp	Parasol West Homeowners		
	Boat Ramp	Playa Del Rio Rv Park		
	Boat Ramp	Seaspray		
	Boat Ramp	Shipwatch Surf & Yacht Club		
	Boat Ramp	The Mariner		
	Boat Ramp	Windward		
	Beach	Gulf Isl Ns		
	Beach	Perdido Key Sra		



Perdido Bay, Florida (continued)

Human Use Resources (continued)













Icon	Type	Name	Contact	Phone
	Access	Access		

SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10A	Salt- and brackish-water marshes	1,706,477
	10B	Freshwater marshes	913,052
	10C	Swamps	2,376,827
	10D	Scrub-shrub wetlands	3,564,534

Shoreline Types (Length of ESI Shoreline on Map = 110,393 meters ; Length of Shoreline on Map = 148,619 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	43,663	39
	10B	Freshwater marshes	116	<1
	10C	Swamps	2,250	2
	10D	Scrub-shrub wetlands	10,081	9
	9A	Sheltered tidal flats	138	<1
	9B	Vegetated low banks	191	<1
	8A	Sheltered scarps in bedrock, mud or clay	551	<1
	8B	Sheltered, solid man-made structures	16,238	14
	8C	Sheltered riprap	7,328	6
	7	Exposed tidal flats	28,692	25
	5	Mixed sand and gravel beaches	150	<1
	3A	Fine- to medium-grained sand beaches	50,287	45

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%.



Content from Florida Panhandle - 2012 ESI Atlas