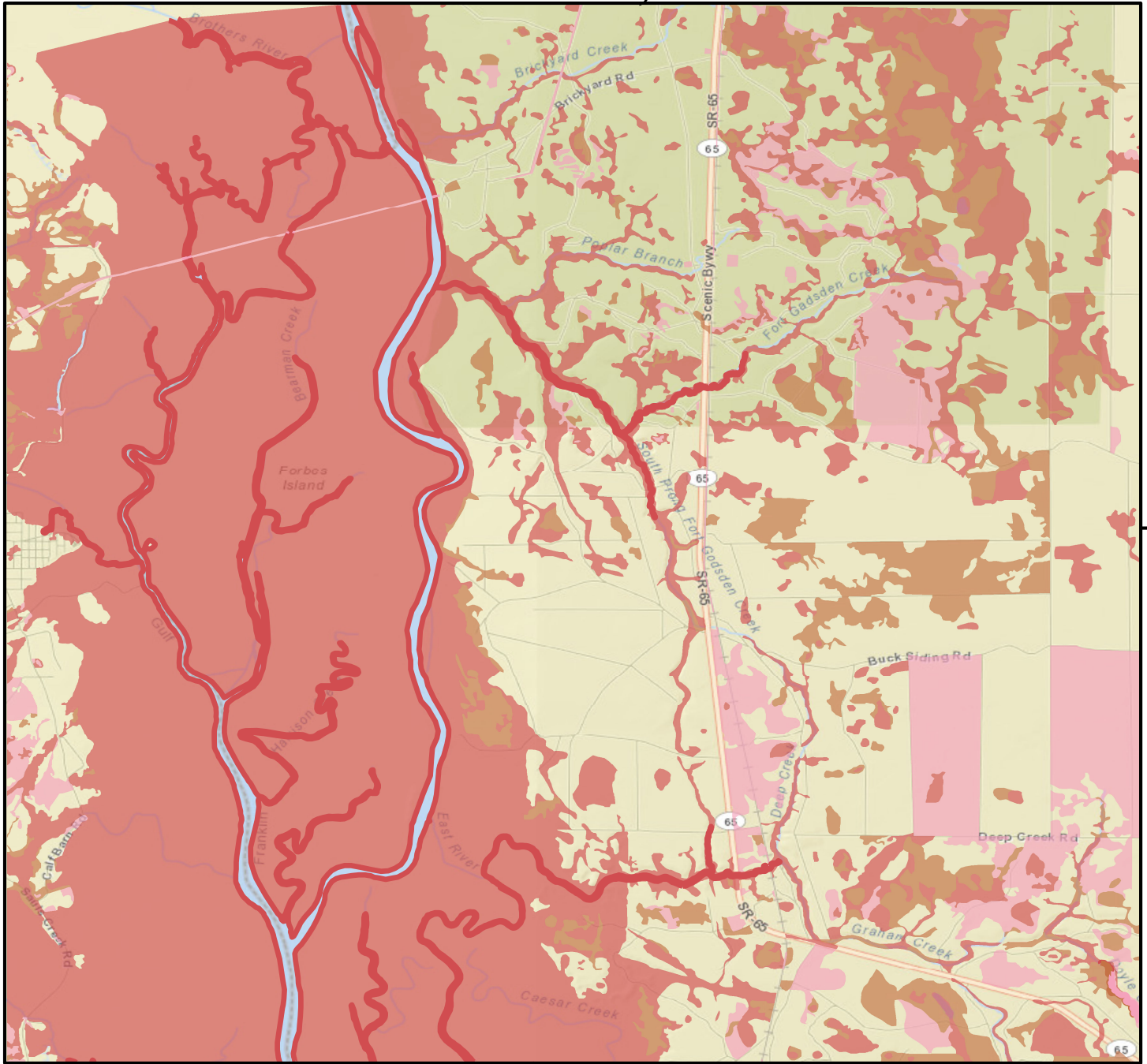
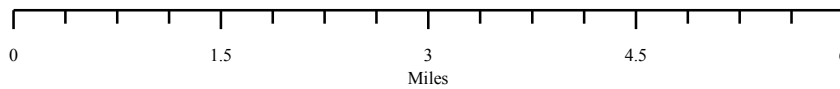


Forbes Island, Florida

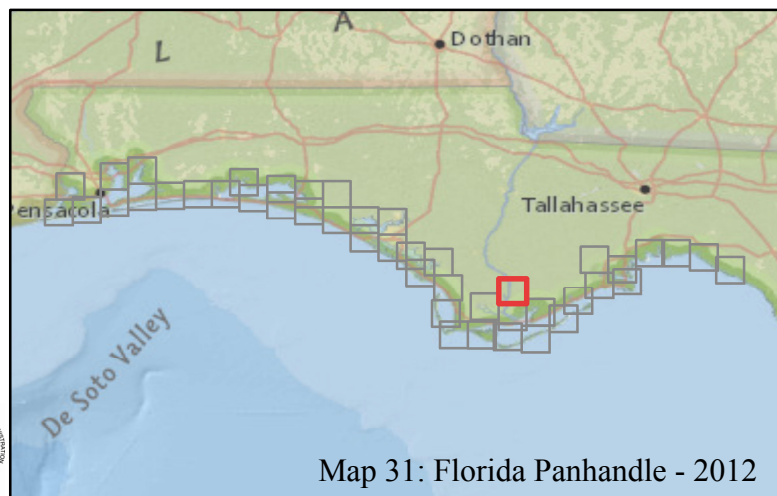


85°00'W






ESI Shoreline Habitats on Map






- 10B Freshwater marshes
- 10C Swamps
- 10D Scrub-shrub wetlands





Forbes 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						
	Laughing gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
	Least tern	T	-	-					X	X	X	X	X						
	Ring-billed gull		-	-	X	X	X	X	X	X	X	X	X	X	X	X			
 Raptor	Bald eagle	C	-	-	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			

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	COMMON	COMMON	X	X	X	X	X	X							Mar-Apr	Mar-Apr	Apr-May	May-Jul	Feb-Apr	
	Gizzard shad		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X		Mar-Aug	Mar-Aug	Mar-Sep	Jan-Dec	Jan-Dec
	Gulf sturgeon	T	T	PRESENT				X	X	X	X	X						Mar-Aug	Mar-Aug	Mar-Aug	Mar-Nov	Mar-Nov
	Striped bass		PRESENT	PRESENT	X	X	X	X	X	X	X	X	X	X	X	X						Jan-Dec
 Estuarine Nursery	Atlantic croaker		ABUNDANT	ABUNDANT			X	X	X	X	X									Mar-Aug		
	Atlantic sharpnose shark		ABUNDANT	ABUNDANT				X	X	X	X	X	X				May-Jul		Apr-Oct	Apr-Oct	Apr-Oct	
	Bay anchovy		COMMON	COMMON				X	X	X	X	X								Apr-Sep	Apr-Sep	
	Bull shark		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Apr-Jun	Jan-Dec	Jan-Dec	Jan-Dec
	Gulf menhaden		COMMON	COMMON				X	X	X	X	X								Apr-Sep		
	Hardhead catfish		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec
	Hogchoker		ABUNDANT	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X		Apr-Oct	Apr-Oct	Apr-Oct	Jan-Dec	Jan-Dec
	Ladyfish		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X				Jan-Dec	Jan-Dec	Jan-Dec
	Mojarras		ABUNDANT	ABUNDANT	X	X				X	X	X	X	X	X	X					Jun-Feb	
	Red drum		RARE	RARE	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec
	Sheepshead		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	
	Southern flounder		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Feb-Sep
	Spot		COMMON	COMMON				X	X	X	X	X									Mar-Aug	
	Striped mullet		RARE	RARE				X	X	X	X	X	X	X	X	X					Apr-Nov	Mar-Oct
Tarpon		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X	X					Jun-Aug	Jan-Dec	
 Estuarine Resident	Code goby		RARE	RARE	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec	
	Gulf killifish		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec	
	Sheepshead minnow		COMMON	COMMON	X	X	X	X	X	X	X	X	X	X	X		Apr-Sep	Apr-Oct	Apr-Oct	May-Jan	Jan-Dec	
	Silversides		ABUNDANT	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	PRESENT	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	Jan-Dec	
 Marine Benthic	Rays		ABUNDANT	ABUNDANT	X	X	X	X	X	X	X	X	X	X	X						Jan-Dec	
 Marine Pelagic	Atlantic tripletail		PRESENT	PRESENT	X	X	X	X	X	X	X	X	X	X	X							
	Blacknose shark		PRESENT	PRESENT	X	X	X	X	X	X	X	X	X	X	X		May-Jul		May-Oct	May-Oct	Jan-Dec	
	Blacktip shark		PRESENT	PRESENT				X	X	X	X	X	X	X	X		May-Jun		May-Sep	Mar-Nov	Apr-Nov	
	Scalloped hammerhead		PRESENT	PRESENT	X	X	X	X	X	X	X	X	X	X	X		May-Jun		Apr-Oct	Jan-Dec	Apr-Nov	

Forbes Island, Florida (continued)

Habitats and Rare Plants																
Subelement	Species	S	F	Concentration	J	F	M	A	M	J	J	A	S	O	N	D
 Plant	Apalachicola dragon-head	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Carolina grass-of-parnassus	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Chapman's crownbeard	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida beargrass	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida flame azalea	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida skullcap	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Florida waxweed	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Godfrey's butterwort	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Harper's yellow-eyed grass	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Hummingbird flower	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Many-flowered grass-pink	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Narrow-leaved phoebanthus	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Pine-woods bluestem	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Scare-weed	T	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Sweet-shrub	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Thick-leaved water-willow	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	Thorne's buckthorn	E	-	-	X	X	X	X	X	X	X	X	X	X	X	X
	West's flax	E	-	-	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
White birds-in-a-nest	E	T	-	-	X	X	X	X	X	X	X	X	X	X	X	
Wiregrass gentian	E	-	-	-	X	X	X	X	X	X	X	X	X	X	X	
 Wetland	Southern milkweed	T	-	-	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	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	
 Turtle	Alligator snapping turtle	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-May					
	Barbour's map turtle	C	-	-	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug					
	Green sea turtle	E	E	RARE	X	X	X	X	X	X	X	X	X	X	X	X				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			Apr-Sep	Jan-Dec	Jan-Dec	

Human Use Resources				
Icon	Type	Name	Contact	Phone
	Recreational Fishing	Shellfish Harvesting Area		
	National Forest	Apalachicola National Forest		
	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	NWFWMD SWIM	850/539-5999
	Management Area	Apalachicola River Water Management Area		850/539-5999
	Management Area	Apalachicola River Wildlife Area		850/827-2349

Forbes Island, Florida (continued)

Human Use Resources (continued)

Icon	Type	Name	Contact	Phone
	Management Area	Tate's Hell State Forest	DAVID MORSE, FORESTRY OPERATIONS ADMINISTRATOR; VICTOR ROLAND, FOREST AREA SUPE	850/697-3734
	Management Area	Tate's Hell Wildlife Management Area'		850/827-2934
	Historical Site	Historic Property	FL SHPO	850/245-6440
	Critical Habitat	Critical Habitat For 7 Mussels	USFWS	
	Critical Habitat	Frosted Flatwoods Salamander	USFWS	
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Boat Ramp	Bloody Bluff - Fwc # Wb-38		
	Boat Ramp	Brickyard Landing		
	Boat Ramp	Fishermans Landing Rv Park		
	Boat Ramp	Graham Creek - Fwc # Wb-40		
	Boat Ramp	Unknown Ramp		

SHORELINE RESOURCES:

ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters ²)
	10B	Freshwater marshes	14,168,552
	10C	Swamps	101,870,575
	10D	Scrub-shrub wetlands	13,820,210

Shoreline Types (Length of ESI Shoreline on Map = 192,408 meters ; Length of Shoreline on Map = 203,471 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10B	Freshwater marshes	1,733	<1
	10C	Swamps	189,020	98
	10D	Scrub-shrub wetlands	1,655	<1

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