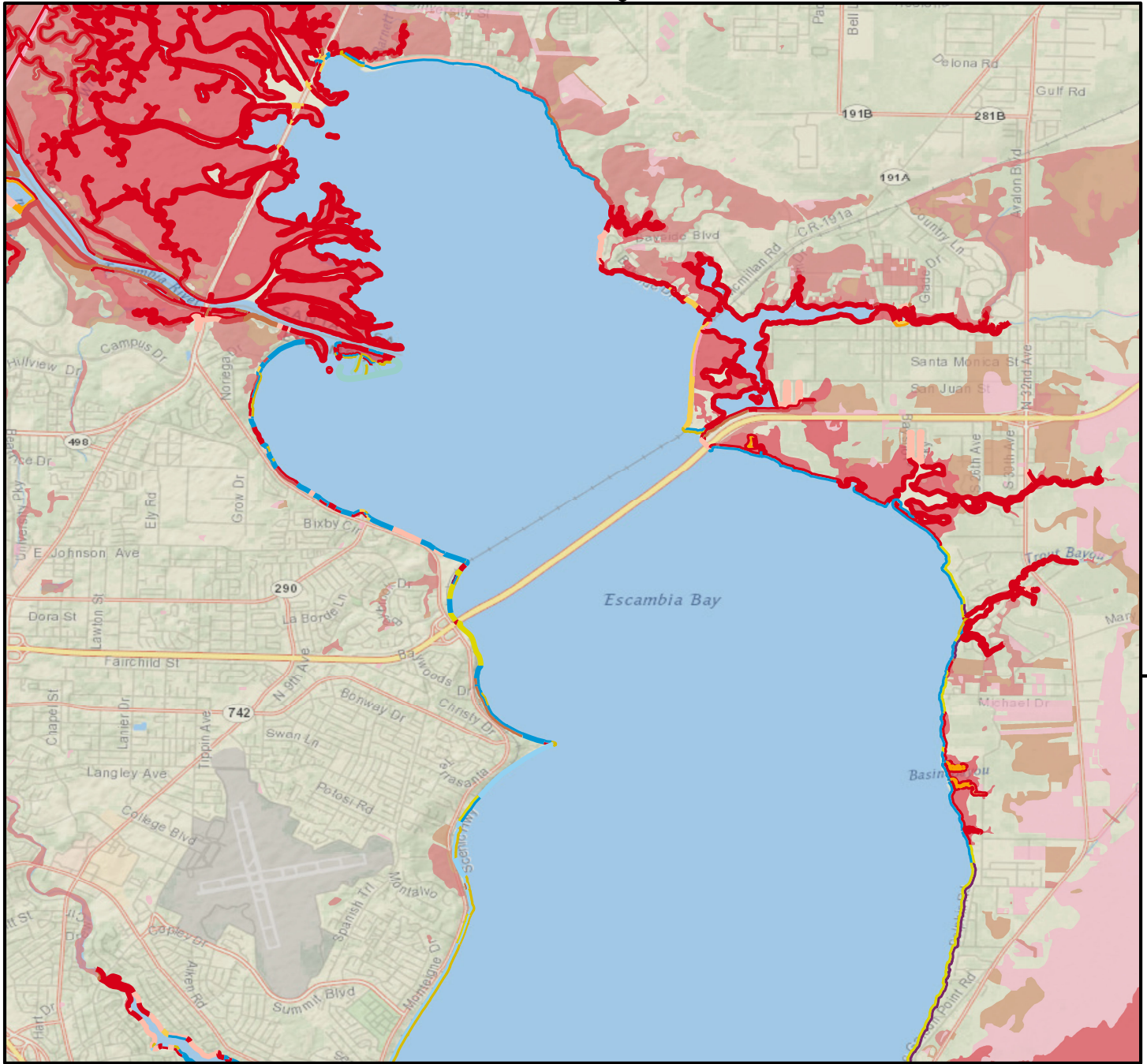


# Escambia Bay, Florida



87°12'0"W

87°6'0"W

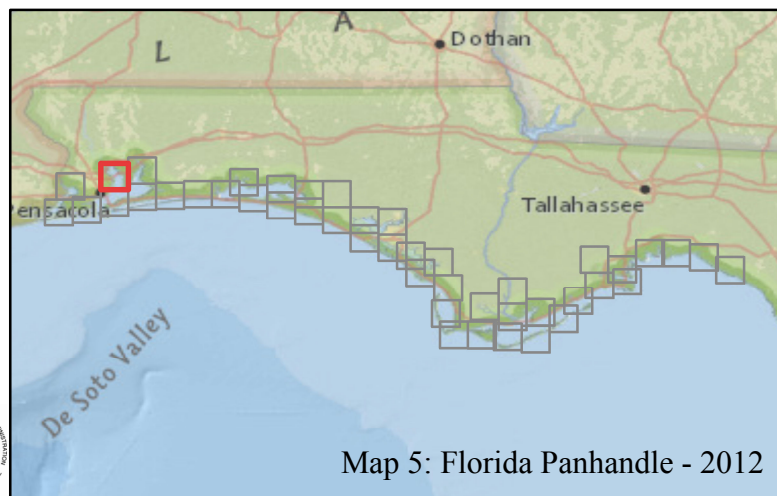
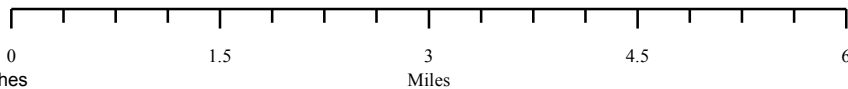
30°3'00"N

## 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
- 6B Riprap
- 5 Mixed sand and gravel beaches

Additional shoreline types are present - see back of map




Content from Florida Panhandle - 2012 ESI Atlas







Map 5: Florida Panhandle - 2012



# Escambia 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			
 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		-		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	Gizzard shad			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	ABUNDANT	X	X	X	X						X	X	X	Mar-May	Mar-May	Apr-Jul	Jan-Dec	Jan-Dec	
	Striped bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X						Jan-Dec
 Estuarine Nursery	Atlantic croaker			ABUNDANT						X	X	X							Dec-Feb	Jan-Dec	Feb-Dec	
	Atlantic sharpnose shark			PRESENT				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-Oct	Feb-Nov	Mar-Nov	Jan-Dec	Jan-Dec	
	Black drum			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Jan-Apr	Jan-Dec	Jan-Dec	
	Black sea bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X						
	Bluefish			COMMON		X	X	X	X	X	X	X	X	X						Jun-Aug	Mar-Nov	
	Bull shark			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Apr-Jun	Jan-Dec	Jan-Dec	
	Gray snapper			ABUNDANT						X	X	X	X	X						Jul-Nov	Jun-Nov	
	Grunts			PRESENT						X	X	X	X							Jun-Sep		
	Gulf flounder			COMMON	X	X	X	X	X	X	X	X	X	X	X	X					Jan-Dec	May-Sep
	Gulf menhaden			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Dec-May	Jan-Dec	Feb-Oct	
	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									
	Mojarras			ABUNDANT				X	X	X	X	X	X							Apr-Oct		
	Pigfish			COMMON				X	X	X	X	X	X							Apr-Oct		
	Pinfish			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X				Dec-Apr	Jan-Dec	Jan-Dec
	Red drum			RARE	X	X	X	X	X	X	X	X	X	X	X	X				Sep-Oct	Jan-Dec	Oct-Jan
Sand seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Apr-Oct	Jan-Dec	Jan-Dec		
Sheepshead			COMMON	X	X	X	X	X	X	X	X	X	X	X	X			Mar-Jul	Jan-Dec	Jan-Dec		
Silver mullet			HIGHLY-ABUNDANT	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-Mar	Jan-Dec	Mar-Sep		
Spot			RARE	X	X	X	X	X	X	X	X	X	X	X	X			Nov-Apr	Jan-Dec	Jan-Dec		
Spotted seatrout			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Mar-Sep	Jan-Dec	Jan-Dec		
Striped mullet			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X			Dec-Apr	Jan-Dec	Mar-Sep		
Tarpon			RARE						X	X	X							Jul-Dec	Jan-Dec	Jan-Aug		
 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		
	Gulf killifish			COMMON	X	X	X	X	X	X	X	X	X	X	X	Mar-Sep	Mar-Sep	Apr-Oct	May-Feb	Jan-Dec		
	Saltmarsh topminnow	C	C	-	X	X	X	X	X	X	X	X	X	X	X	Mar-Aug						
	Sheepshead minnow			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Oct	Apr-Oct	Apr-Nov	May-Feb	Jan-Dec		
	Silver perch			COMMON	X	X	X	X	X	X	X	X	X	X	X	Apr-Aug	Apr-Aug	Apr-Sep	Jan-Dec	Jan-Dec		
	Silversides			COMMON	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		
 Freshwater	Bluegill			ABUNDANT	X	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	X	Mar-May	Mar-May	Mar-May	Jan-Dec	Jan-Dec		



## Escambia 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	X									
	Cusk eels			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Flatfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X							
	Florida pompano			RARE						X	X	X	X	X	X						Jun-Nov	Jun-Nov	
	Gag grouper			PRESENT	X	X			X	X	X	X	X	X	X	X					May-Oct	Oct-Feb	
	Gray triggerfish			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Lizardfishes			ABUNDANT						X	X	X	X	X							Jun-Oct		
	Permit			PRESENT						X	X	X	X	X									
	Rays			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Red snapper			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Rock sea bass			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
	Searobins			COMMON					X	X	X	X	X	X								Apr-Sep	
	Skates			PRESENT	X	X	X	X	X	X	X	X	X	X	X	X							
Tonguefish			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X								
 Marine Pelagic	Atlantic tripletail			PRESENT	X	X	X	X	X	X	X	X	X	X	X								
	Cobia			PRESENT	X	X	X	X	X	X	X	X	X	X	X								
	Crevalle jack			COMMON					X	X	X	X	X	X							Jun-Nov	May-Nov	
	Scalloped hammerhead			PRESENT	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	X	X	X							Jun-Sep	Jun-Sep	
	Thread herring			COMMON									X	X	X						Sep-Nov		

(\*) = 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	Bog spicebush	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Curtiss' sandgrass	T		-	X	X	X	X	X	X	X	X	X	X	X	X
	Little-people	E		-	X	X	X	X	X	X	X	X	X	X	X	X
	Panhandle lily	E		-	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					
 Manatee	West Indian manatee	E	E	LOW			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
 Amphibian	Reticulated flatwoods salamander	E		-	X	X	X	X	X	X	X	X	X	X	X		Oct-Feb				
 Turtle	Diamondback terrapin			-		X	X	X	X	X	X	X	X	X		Apr-Jun	Aug-Sep				
	Green sea turtle	E	E	RARE	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					Jan-Dec	Jan-Dec
	Kemp's ridley sea turtle	E	E	PRESENT	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					Jan-Dec	Jan-Dec
	Loggerhead sea turtle	T	T	PRESENT	X	X	X	X	X	X	X	X	X	X	X				Apr-Sep	Jan-Dec	Jan-Dec






## Escambia Bay, Florida (continued)

### Human Use Resources

Icon	Type	Name	Contact	Phone
	Water Intake	Christ Power Plant	PLANT OPERATING SUPERVISOR	850/478-5900
	Recreational Fishing	Floridatown Park		
	Recreational Fishing	Shellfish Harvesting Area		
	Recreational Fishing	Simpson River		
	Park	Yellow River Marsh Preserve State Park		
	Marina	Smiths Fish House	DOCKMASTER	
	Marina	Swamphouse Marina And Landing	DOCKMASTER	850/478-9906
	Management Area	Garcon Point Water Management Area		850/539-5999
	Management Area	Lower Escambia River Water Ma		850/539-5999
	Management Area	Pensacola Bay Swim	NWFWMD SWIM	850/539-5999
	Historical Site	Historic Property	FL SHPO	850/245-6440
	Critical Habitat	Gulf Sturgeon Critical Habitat	FWRI	
	Critical Habitat	Reticulated Flatwoods Salamander	USFWS	
	Boat Ramp	Archie Glover Boat Ramp		850/983-1940
	Boat Ramp	Floridatown Park		850/983-1940
	Boat Ramp	Indian Bayou Boat Ramp		850/983-1940
	Boat Ramp	Jim's Fish Camp		850/994-7500
	Boat Ramp	Mcmillans Fish Camp		
	Boat Ramp	Mulat Boat Ramp I		
	Boat Ramp	Walt's Swamphouse And Marina (east)		
	Boat Ramp	Walt's Swamphouse And Marina (west)		
	Airport	Pensacola Regional		
















### SHORELINE RESOURCES:

#### ESI Polygon Habitats

Pattern	ESI Rank	Habitat	Area (meters <sup>2</sup> )
	10A	Salt- and brackish-water marshes	15,472,290
	10B	Freshwater marshes	8,689,404
	10C	Swamps	10,712,498
	10D	Scrub-shrub wetlands	5,904,569
	9A	Sheltered tidal flats	27,515

## Escambia Bay, Florida (continued)

**Shoreline Types** (Length of ESI Shoreline on Map = 263,283 meters ; Length of Shoreline on Map = 262,965 meters)

Color	ESI Rank	Shoreline Habitat	Length (meters)	% of ESI Shoreline
	10A	Salt- and brackish-water marshes	215,848	81
	10B	Freshwater marshes	4,631	1
	10C	Swamps	32,393	12
	10D	Scrub-shrub wetlands	7,167	2
	9A	Sheltered tidal flats	3,527	1
	9B	Vegetated low banks	1,230	<1
	8A	Sheltered scarps in bedrock, mud or clay	115	<1
	8B	Sheltered, solid man-made structures	10,996	4
	8C	Sheltered riprap	3,309	1
	7	Exposed tidal flats	7,302	2
	6B	Riprap	7,620	2
	5	Mixed sand and gravel beaches	3,350	1
	4	Coarse-grained sand beaches	5,184	1
	3A	Fine- to medium-grained sand beaches	21,058	7
	1B	Exposed, solid man-made structures	3,940	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