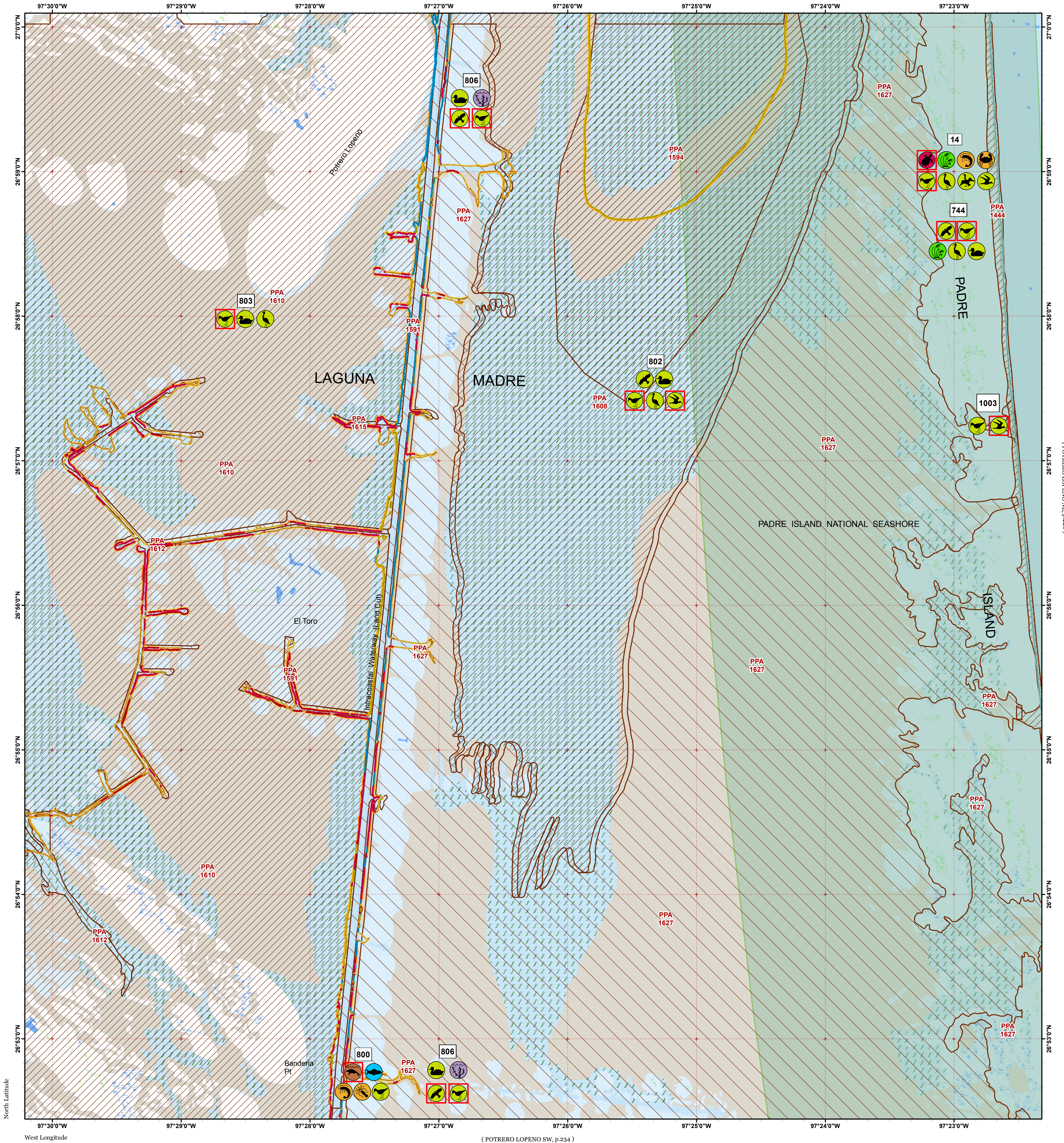


# POTRERO LOPENO NW

Click Here or Scroll Down for Associated Map Data

Click on the Geographic Response Plan Target to View the ICS Form

(POTRERO CORTADO, p.224)



(MARIA ESTELLA WELL, p.230)

(POTRERO LOPENO NE, p.228)

North Latitude

West Longitude

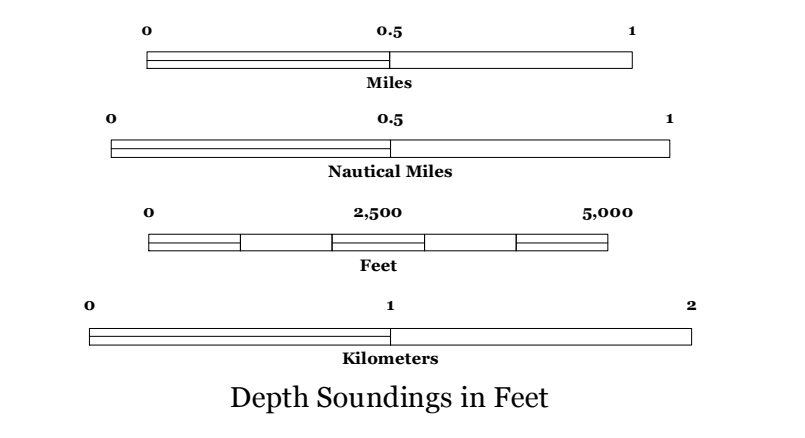
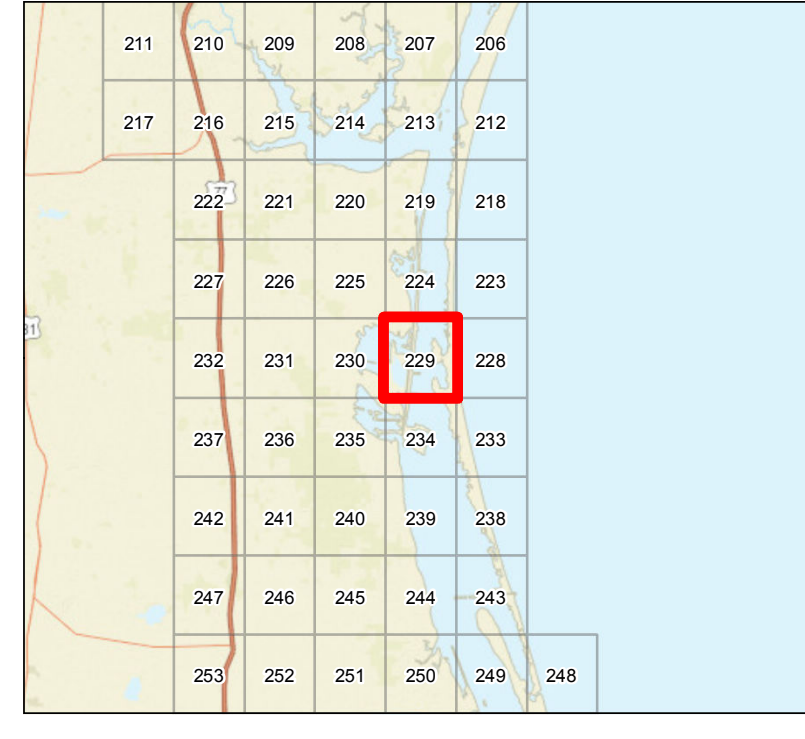
(POTRERO LOPENO SW, p.234)



Oil Spill Planning and Response Atlas

2016

The Texas General Land Office makes no representations or warranties regarding the accuracy or completeness of the information depicted on this map or the data from which it was produced. This map is not suitable for navigational purposes and does not purport to depict boundaries of private and public land.



### Human Use Features

- GIWW
- National Parks
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Beach or Tidal Flat
- Marine Bottom
- Marine Shoreline
- Freshwater Marshes
- Lake / Pond
- County Boundary

### Priority Protection Areas

- HIGH
- MEDIUM
- LOW

### Map Base Layers

- GIWW
- National Parks
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Beach or Tidal Flat
- Marine Bottom
- Marine Shoreline
- Freshwater Marshes
- Lake / Pond
- County Boundary

### Species Icons Within Map Quad

- Turtle T/E
- Marsh
- Benthic Marine
- Diving Bird
- Bivalve
- Cephalopod
- Crab
- Echinoderms
- Shrimp
- Fish
- Fish T/E
- Dolphin
- Mammal T/E
- Plant
- Gull/Tern
- Gull/Tern T/E
- Raptor
- Raptor Endangered
- Shorebird
- Shorebird Endangered
- Wading
- Waterfowl

### ENVIRONMENTAL SENSITIVITY INDEX

- 10D Mangroves and Woody Vegetation
- 10C Freshwater Swamps
- 10B Freshwater Marshes
- 10A Salt and Brackish Water Marshes
- 9 Sheltered Tidal Flats
- 8C Sheltered Rocky/Karst Shores
- 8D Sheltered Scarps
- 8B Sheltered Riprap Structures
- 8A Sheltered Solid Manmade Structures
- 7 Exposed Tidal Flats
- 6B Exposed Riprap Structures
- 6A Gravel or Shell Beaches
- 5 Mixed Sand and Gravel or Shell Beaches
- 4 Coarse-Grained Sand Beaches
- 3B Scarps and Steep Slopes in Sand
- 3A Fine-Grained Sand Beaches
- 2B Wave-Cut Clay Platforms
- 2A Scarps and Steep Slopes in Clay
- 1 Exposed Walls and Other Solid Structures



# Quadrant: POTRERO LOPEÑO NW

Map # :229

Biological Information for this quadrant represents known concentration areas of occurrence.

## Habitat Priority Protection Areas

PPA ID	PRIORITY	POLY DESC	BIRDS RANK	BIRDS DESC	FISH DESC	FISH RANK	WETLANDS R	WETLANDS D
	MEDIUM	Oil channels through mud flats off ICWW and seasonally inundated areas around them	HIGH	High numbers of shorebirds and wading birds, including reddish egret at times	Fish and invertebrates	LOW	MEDIUM	Intermittent dense to low algal flats
PPA1444	HIGH	Padre Island Gulf beach	HIGH	Shorebirds, piping plover, snowy plover, terns, pelicans; sea turtles				
PPA1591	LOW	Land Cut	LOW	Some shorebirds and wading birds	Very important fish and invertebrate nursery along inverted SAV margins, migratory route, and shelter for most fish and invertebrate species.	VERY HIGH	HIGH	SAV: Halodule dominant with scattered Syringodium, Ruppia and Halophila along inverted margins.
PPA1594	HIGH	Laguna Madre seagrass beds	HIGH	Waterfowl feeding area; very important redhead feeding area.	Fish and invertebrate nursery	HIGH	HIGH	SAV: Halodule wrightii dominant with scattered Syringodium filiforme, Ruppia maritima and Halophila engelmannii, drift algae
PPA1608	HIGH	Laguna Madre flats and shoreline	HIGH	High numbers of reddish egret, piping plover, very high shorebirds and wading birds, peregrine falcons, osprey, some snowy plover.			HIGH	Extensive algal flats after inundation
PPA1610	HIGH	Land Cut mud flats east and west of ICWW	LOW	Some shorebird activity after infrequent inundation, including snowy plovers, and few piping plover. Peregrine falcon more frequent in east section of flats.			MEDIUM	Dense to low algal flats around oil channels after inundation; transitional marsh of Monanthochloe, Salicornia, and Borrchia in higher areas
PPA1612	MEDIUM	Oil channels through mud flats off ICWW and seasonally inundated areas around them	HIGH	High numbers of shorebirds and wading birds, including reddish egret, at times	Fish and invertebrates	LOW	MEDIUM	Intermittent dense to low algal flats
PPA1615	MEDIUM	Oil channels through mud flats off ICWW and seasonally inundated areas around them	HIGH	High numbers of shorebirds and wading birds, including reddish egret.	Fish and invertebrates	LOW	MEDIUM	Intermittent dense to low algal flats
PPA1627	LOW	Land Cut mud flats east and west of ICWW	LOW	Some shorebird activity after infrequent inundation, including snowy plovers, and few piping plover. Peregrine falcon more frequent in east section of flats.			MEDIUM	Dense to low algal flats after inundation; transitional marsh of Monanthochloe, Salicornia, and Borrchia in higher areas

## Biological Resources

### Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
1003	Least tern		E				X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X					
14	Brown pelican				X	X	X	X	X	X	X	X	X	X	X		APR-SEP	APR-AUG	APR-AUG	APR-AUG
	Terns				X	X	X	X	X	X	X	X	X	X	X					
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X					
	Ruddy turnstone				X	X	X	X	X				X	X	X					
	Sanderling				X	X	X	X	X				X	X	X					
	Red knot		T					X	X				X	X						
	Snowy plover				X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Piping plover		T		X	X	X	X	X		X	X	X	X	X					
	American oystercatcher		C		X	X	X	X	X	X	X	X	X	X	X		FEB-AUG	MAY-AUG	MAY-AUG	MAY-SEP
	Long-billed curlew		C		X	X	X	X	X	X	X	X	X	X	X					
	Wading birds				X	X	X	X	X	X	X	X	X	X	X		MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Willet				X	X	X	X	X	X	X	X	X	X	X		APR-AUG	APR-AUG	APR-AUG	MAY-SEP
5	Franklin's gull							X	X	X			X	X	X					
	Northern gannet				X	X	X	X						X	X	X				
	Black tern							X	X	X	X	X	X	X	X					JUL-JUN
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X					
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X					
744	Aplomado falcon		E	LOW	X	X	X	X	X	X	X	X	X	X	X					
	Peregrine falcon				X	X	X	X	X				X	X	X					
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X					
	Red knot		T					X	X				X	X						
	Piping plover		T		X	X	X	X	X		X	X	X	X	X					
	Sandhill crane				X	X	X	X					X	X	X					
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X					
800	Shorebirds				X	X	X	X	X	X	X	X	X	X	X					
802	Least tern		E	1			X	X	X	X	X	X	X	X			APR-SEP	APR-SEP	MAY-SEP	MAY-SEP
	Forster's tern			6	X	X	X	X	X	X	X	X	X	X	X		MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	Peregrine falcon				X	X	X	X	X				X	X	X					
	Shorebirds			HIGH	X	X	X	X	X	X	X	X	X	X	X					
	Dunlin				X	X	X	X	X					X	X	X				
	Red knot		T					X	X				X	X						
	Western sandpiper		C		X	X	X	X			X	X	X	X	X					

## Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	Dowitchers				X	X	X	X	X			X	X	X	X	X				
	Long-billed curlew	C			X	X	X	X	X	X	X	X	X	X	X	X				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Great blue heron			20	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Redhead				X	X	X	X	X						X	X				
803	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Red knot		T					X	X				X	X						
	Snowy plover				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Piping plover		T	LOW	X	X	X	X	X		X	X	X	X	X	X				
	Long-billed curlew	C			X	X	X	X	X	X	X	X	X	X	X	X				
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Redhead				X	X	X	X	X						X	X				
806	Aplomado falcon		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Peregrine falcon				X	X	X	X	X				X	X	X	X				
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Red knot		T					X	X				X	X						
	Snowy plover				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Piping plover		T		X	X	X	X	X		X	X	X	X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Canvasback			HIGH	X	X	X								X	X				

## Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
5	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Sharks				X	X	X	X	X	X	X	X	X	X	X	X		
	Striped anchovy				X	X	X	X	X	X	X	X	X	X	X	X		MAR-MAY
	Sheepshead				X	X	X	X	X	X	X	X	X	X	X	X	JAN-MAY	FEB-APR
	Silver seatrout				X	X	X	X	X	X	X	X	X	X	X	X		MAY-OCT
	Ladyfish							X	X	X	X	X	X	X				SEP-OCT
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	Southern kingfish (whiting)				X	X	X	X	X	X	X	X	X	X	X	X		JUL-NOV
	Gulf kingfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Star drum				X	X	X	X	X	X	X	X	X	X	X	X		
	Blennies				X	X	X	X	X	X	X	X	X	X	X	X		
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Pigfish				X				X	X	X	X	X	X	X	X		MAR-APR
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic threadfin				X	X	X	X	X	X	X	X	X	X	X	X		DEC-APR
	Soles				X	X	X	X	X	X	X	X	X	X	X	X		
	Inshore lizardfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	ALLYEAR
	Florida pompano				X	X	X	X	X	X	X	X	X	X	X	X		FEB-OCT
	Crevalle jack				X	X	X	X	X	X	X	X	X	X	X	X	MAR-NOV	MAR-SEP
	Mackerels						X	X	X	X	X	X	X	X				
	Spanish mackerel				X	X	X	X	X	X	X	X	X	X	X	X		
	Sergeant major				X	X	X	X	X	X	X	X	X	X	X	X		ALLYEAR
	Gray triggerfish				X	X	X	X	X	X	X	X	X	X	X	X		OCT-DEC
	Blue runner				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	JAN-AUG
	Atlantic spadefish				X	X	X	X	X	X	X	X	X	X	X	X		MAY-SEP
	Atlantic bumper				X	X	X	X	X	X	X	X	X	X	X	X		
	Little tunny				X	X	X	X	X	X	X	X	X	X	X	X		APR-NOV
	Grunts				X	X	X	X	X	X	X	X	X	X	X	X		
	Scaled sardine				X	X	X	X	X	X	X	X	X	X	X	X		FEB-JUL
	Gray snapper				X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	JUN-SEP
	Snappers				X	X	X	X	X	X	X	X	X	X	X	X		
	Goatfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Leatherjacket				X	X	X	X	X	X	X	X	X	X	X	X		
	Harvestfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Gulf butterfish				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	
	Bluefish				X	X	X	X	X	X	X	X	X	X	X	X		SEP-NOV
	Atlantic moonfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Groupers				X	X	X	X	X	X	X	X	X	X	X	X		
	Longspine porgy				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic needlefish				X	X	X	X	X	X	X	X	X	X	X	X		JUN-AUG
	Permit				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic cutlassfish				X	X	X	X	X	X	X	X	X	X	X	X		
	Southern hake				X	X	X	X	X	X	X	X	X	X	X	X		
800	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Flagfin mojarra				X	X	X	X	X	X	X	X	X	X	X	X		
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		

## Invertebrate

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
14	Ghost crab				X	X	X	X	X	X	X	X	X	X	X	X		
	Ghost shrimp			HIGH	X	X	X	X	X	X	X	X	X	X	X	X		
5	Molluscs				X	X	X	X	X	X	X	X	X	X	X	X		
	Echinoderms				X	X	X	X	X	X	X	X	X	X	X	X		
	Cnidarians				X	X	X	X	X	X	X	X	X	X	X	X		
	Polychaetes				X	X	X	X	X	X	X	X	X	X	X	X		
	Mantis shrimp				X	X	X	X	X	X	X	X	X	X	X	X		
	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
800	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		

## Mammal

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING	MATING	CALVING
5	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
800	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					

# Reptile

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	LARV/JUV
14	Loggerhead sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Green sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Kemp's ridley sea turtle		E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
5	Loggerhead sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Green sea turtle		T		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
	Leatherback sea turtle		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				ALLYEAR
	Atlantic hawksbill sea turtle		E	LOW				X	X	X	X	X	X	X						APR-OCT
	Kemp's ridley sea turtle		E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR