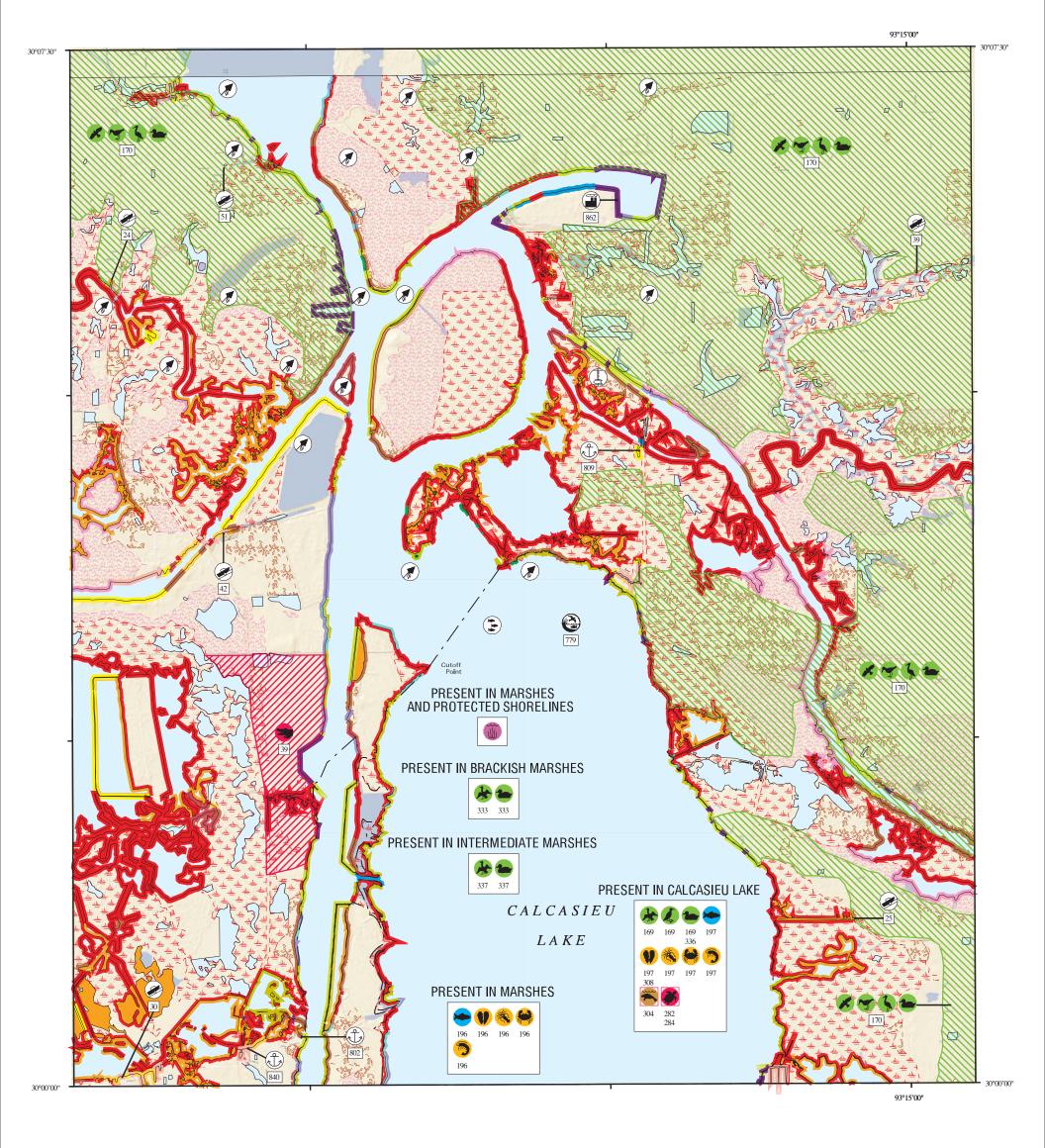
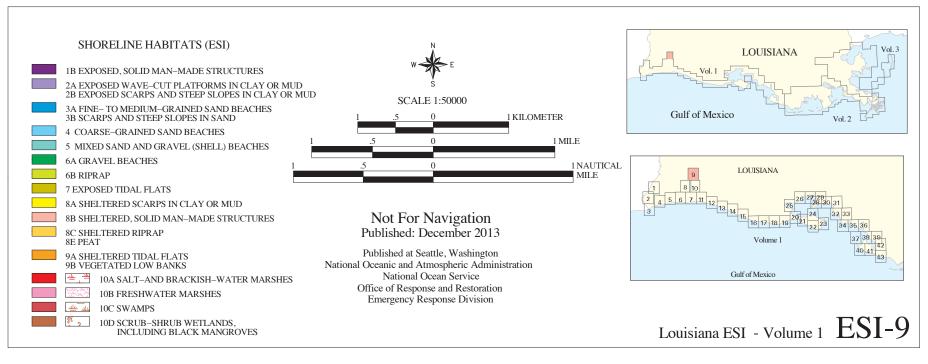
ENVIRONMENTAL SENSITIVITY INDEX MAP





Louisiana: ESIMAP 9

BIOLOGICAL RESOURCES:

BIRD	:

RAR# Species

							-	
169	Common loon		X X X X X X X X X X X X X X X X X X X		-	-		
	Northern gannet		$X X X \qquad X X X$		-	-		
	Scaup	100S	X X X X X X X X X X X X X X X X X X X		-	-		
170	Black-necked stilt		X X X X X X X X X X X X X	-	-	-		
	Buff-breasted sandpiper		X X X X X	-	-	_		
	Great egret		X X X X X X X X X X X X X		-	-		
	Greater white-fronted goose		$X X X \qquad \qquad X X X$		-	_		
	Little blue heron		X X X X X X X X X X X X X X		-	_		
	Long-billed dowitcher		X X X X X		-	-		
	Northern harrier		X X X X X X X X X X X X X X X X X X X		-	-		
	Snow goose		X X X X X X X X X X X X X X X X X X X	-	-	-		
	White ibis		$\times \times $	-	-	-		
	White-faced ibis		$\times \times $	-	-	-		
	Yellow rail		X X X X X X X X X X X X X X X X X X X	-	-	-		
333	American coot	UP TO 226 IND/SQ MI	$X X X X \qquad X X X X$	-	-	_		
	American white pelican	MEDIUM	X X X X X X X X X X X X X X	-	-	_		
	American wigeon	UP TO 122 IND/SQ MI	$X X X X \qquad \qquad X X X$	-	-	_		
	Blue-winged teal	UP TO 202 IND/SQ MI	$X X X X \qquad X X X X$	-	-	-		
	Canvasback	UP TO 6 IND/SQ MI	X X X X X X	_	_	_		
	Gadwall	UP TO 665 IND/SQ MI	X X X X X X X X X X X X X X X X X X X	_	_	_		
	Green-winged teal	UP TO 1051 IND/SQ MI			-	_		
	Hooded merganser	UP TO 3 IND/SQ MI	X X X X X X X X		_	_		
	Mallard	UP TO 428 IND/SQ MI			_	_		
	Mottled duck	UP TO 39 IND/SQ MI	\times		_	_		
	Northern pintail	UP TO 167 IND/SQ MI	XXXXXXXXXX		_	_		
	Northern shoveler	UP TO 127 IND/SQ MI	X X X X X X X X X X		_	_		
	Ring-necked duck	UP TO 51 IND/SQ MI	XXX		_	_		
	Scaup	UP TO 203 IND/SQ MI	X X X X X X X X X		_	_		
336	American coot	01 10 203 IND/30 HI	X X X X X X X X X X		_	_		
330	American wigeon		XXXX XXX		_	_		
	Blue-winged teal		XXXX XXXX		_	_		
					_	_		
	Canvasback		XXX XX		-	_		
	Gadwall		XXXXXXXXXX		_	_		
	Green-winged teal		X X X X X X X X		-	_		
	Hooded merganser		X X X X X X X X		-	-		
	Mallard		X X X X X X X X		-	_		
	Mottled duck		$\times \times $		-	-		
	Northern pintail		$X \ X \ X \ X \\ X \ X \ X$	-	-	-		
	Northern shoveler		$X \ X \ X \ X \ X \ X \ X \ X \ X$	-	_	-		
	Ring-necked duck		X X X $X X$		-	_		
337	American coot	UP TO 234 IND/SQ MI	X X X X X X X X		_	_		
	American white pelican	MEDIUM	\times		_	_		
	American wigeon	UP TO 41 IND/SQ MI	X X X X X X X X		_	_		
	Blue-winged teal	UP TO 194 IND/SQ MI	X X X X X X X X X		_	_		
	Canvasback	UP TO 3 IND/SQ MI	X X X X X X X		_	_		
	Gadwall				_	_		
		UP TO 312 IND/SQ MI	XXXXXXXXXX		_	_		
	Green-winged teal		X X X X X X X X		_	_		
	Hooded merganser	UP TO 1 IND/SQ MI	X X X X X X X X		_	_		
	Mallard	UP TO 169 IND/SQ MI			-	-		
	Mottled duck	UP TO 34 IND/SQ MI	$\times \times $		-	-		
	Northern pintail	UP TO 210 IND/SQ MI	X X X X X X X X X X X X X X X X X X X	-	-	-		
	Northern shoveler	UP TO 104 IND/SQ MI	X X X X X X X X X X X X X X X X X X X		-	-		
	Ring-necked duck	UP TO 38 IND/SQ MI	X X X X X X X	-	-	-		
	Scaup	UP TO 19 IND/SQ MI	X X X X X X X X X X X X X X X X X X X	-	-	-		
ETOI	_							
FISH	:							
FISH RAR#	: Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
_		S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
RAR#		S F Conc.	J F M A M J J A S O N D			Larvae MAR-SEP	Juveniles JAN-DEC	
RAR#	Species							
RAR#	Species	RARE	x x x x x x x x x x x x x	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
RAR#	Species	RARE ABUNDANT	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
RAR#	Anchovies Atlantic spadefish Black drum	RARE ABUNDANT HIGHLY ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish	RARE ABUNDANT HIGHLY ABUNDANT COMMON		MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON		MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC - JAN-DEC	JAN-DEC JAN-DEC - JAN-DEC -
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC	JAN-DEC
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE		MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC - JAN-DEC FEB-AUG	JAN-DEC - JAN-DEC FEB-AUG
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT	JAN-DEC JAN-DEC - - - FEB-AUG JAN-DEC	JAN-DEC JAN-DEC - - FEB-AUG - - - - - - - - - - - - -
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT	JAN-DEC JAN-DEC - FEB-AUG JAN-DEC JAN-DEC JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC
RAR#	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP OCT-MAR	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT HIGHLY ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP OCT-MAR	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC - JAN-DEC FEB-AUG - JAN-DEC JAN-DEC JAN-DEC JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT HIGHLY ABUNDANT COMMON COMMON		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT COMMON ABUNDANT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP -	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC - JAN-DEC - FEB-AUG - JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON COMMON ABUNDANT ABUNDANT HIGHLY ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON COMMON ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC - JAN-DEC - FEB-AUG - JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON COMMON ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT PRESENT ABUNDANT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC
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RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish Gafftopsail catfish Gulf menhaden Herrings and sardines	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT HIGHLY ABUNDANT PRESENT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC - JAN-DEC FEB-AUG - JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC - APR-OCT JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish Gafftopsail catfish Gulf menhaden Herrings and sardines Killifish	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT HIGHLY ABUNDANT PRESENT HIGHLY ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC	JAN-DEC - JAN-DEC - FEB-AUG - JAN-DEC
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RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish Gafftopsail catfish Gulf menhaden Herrings and sardines Killifish Kingfishes Pipefish Red drum	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT HIGHLY ABUNDANT PRESENT HIGHLY ABUNDANT PRESENT HIGHLY ABUNDANT COMMON PRESENT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC - FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC - APR-OCT JAN-DEC - JAN-DEC - JAN-DEC JAN-DEC JAN-DEC JAN-DEC	JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC APR-OCT JAN-DEC - JAN-DEC - JAN-DEC - JAN-DEC - JAN-DEC
RAR# 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish Gafftopsail catfish Gulf menhaden Herrings and sardines Killifish Kingfishes Pipefish Red drum Shad	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT HIGHLY ABUNDANT PRESENT HIGHLY ABUNDANT COMMON PRESENT ABUNDANT ABUNDANT COMMON PRESENT ABUNDANT ABUNDANT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - MAR-SEP - JAN-JUL	JAN-DEC JAN-DEC FEB-AUG JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC - JAN-DEC - JAN-DEC - JAN-DEC JAN-DEC - JAN-DEC JAN-DEC	JAN-DEC - JAN-DEC - FEB-AUG - JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC JAN-DEC - JAN-DEC JAN-DEC
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### 196 197 INVE **RAR#** 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish Gafftopsail catfish Gulf menhaden Herrings and sardines Killifish Kingfishes Pipefish Red drum Shad Sheepshead Southern flounder Spanish mackerel Spotted seatrout Striped mullet White trout RTEBRATE: Species Atlantic rangia Blue crab Grass shrimp Fiddler crab Grass shrimp Squid Stone crab White srangia Atlantic rangia	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON COMMON ABUNDANT HIGHLY ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT PRESENT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC - JAN-DEC	JAN-DEC
### 196 197 INVE **RAR#** 196	Anchovies Atlantic spadefish Black drum Croakers Forage fish Gafftopsail catfish Gulf menhaden Kingfishes Red drum Sheepshead Southern flounder White trout Anchovies Atlantic spadefish Atlantic tripletail Black drum Cobia Croakers Forage fish Gafftopsail catfish Gulf menhaden Herrings and sardines Killifish Kingfishes Pipefish Red drum Shad Sheepshead Southern flounder Spanish mackerel Spotted seatrout Striped mullet White trout RTEBRATE: Species Atlantic rangia Blue crab Brown shrimp Fiddler crab Grass shrimp Squid Stone crab White shrimp Atlantic rangia Atlantic seabob shrimp Blue crab Brown shrimp	RARE ABUNDANT HIGHLY ABUNDANT COMMON PRESENT COMMON ABUNDANT RARE HIGHLY ABUNDANT ABUNDANT HIGHLY ABUNDANT COMMON COMMON COMMON ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT ABUNDANT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT HIGHLY ABUNDANT PRESENT ABUNDANT		MAR-SEP	MAR-SEP	MAR-SEP AUG-OCT - OCT-MAR MAR-SEP JAN-JUL AUG-OCT - FEB-MAR - APR-SEP MAR-SEP MAR-SEP MAR-NOV APR-NOV FEB-NOV FEB-NOV FEB-NOV FEB-NOV FEB-NOV	JAN-DEC	JAN-DEC
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es JFMAMJJASOND Nesting Migrating Molting

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. The LDWF-LNHP provided information for some of the federally and state listed species and species of conservation concern for display in the ESI atlas and accompanying digital data in 2013. The available LNHP data sets are to be used for oil spill response and spill response planning only. These data represent existing information known to the LNHP at the time of the request and should never be substituted for consultation with the LNHP. The more spatially generalized 2011 polygonal waterbird colony data was provided by LNHP and the more spatially specific 2006 point waterbird colony data was provided by BTNEP. The display of these two data sets does not imply that EITHER or BOTH sets of polygons and/or points (especially if counts are aggregated) reflect current nest locations OR counts, but rather are to be used as a guide for what species could be present.

Louisiana: ESIMAP 9 (cont.)

BIOLOGICAL RESOURCES: (cont.)

INVERTEBRATE: (cont.)

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
197	Squid	ABUNDANT	X X X X X X X X	-	-	-	APR-NOV	APR-NOV
	White shrimp	HIGHLY ABUNDANT	$\times \times $	-	-	MAY-NOV	JAN-DEC	-
308	Eastern oyster	PRESENT	$\times \times $	MAR-NOV	MAR-NOV	MAR-NOV	JAN-DEC	JAN-DEC

MARINE MAMMAL:

Species S F Conc. J F M A M J J A S O N D Mating Calving Pupping Molting RAR# Species -----304 West Indian manatee E E RARE TO UNCOMMON X X X X X X X X X X X X X X - - -

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Internesting	Juveniles	Adults
39	American alligator	76-125 AC/NEST	imes ime	MAY-JUL	JUL-SEP	-	JAN-DEC	JAN-DEC
282	Kemp's ridley sea turtle	E E ABUNDANT	X X X X X X	-	-	-	APR-SEP	_
284	Green sea turtle	T T OCCASIONAL	X X X X X X X X X	-	-	-	MAR-NOV	MAR-NOV
	Hawksbill sea turtle	E E VERY RARE	X X X X X X X X	-	-	-	MAR-OCT	-
	Leatherback sea turtle	E E RARE	imes ime	-	-	-	JAN-DEC	JAN-DEC
	Loggerhead sea turtle	T T COMMON	X X X X X X X X X	-	-	-	MAR-NOV	MAR-NOV

HUMAN USE RESOURCES:

BOAT RAMP:

HUN# Name Contact Phone _____ ----

24 CHOUPIQUE BAYOU BOAT RAMP

2.5 CRAB LADY LANDING 30 EAST HACKBERRY OIL & GAS FIELD BOAT RAMP

39 HIPPOLYTE BOAT LAUNCH

INTRACOASTAL PARK BOAT RAMP 42

> FRED'S LOUNGE/LAUNCH SPICER BAIT & TACKLE

MOSS LAKE BOAT RAMP 51

MANAGEMENT AREA:

HUN# Contact Name Phone _____ 779 PUBLIC OYSTER AREA LDMF

MARINA:

HUN# Contact Phone ----802 DAVIS SEAFOOD AND LAUNCH

840 PORT:

809

HUN# Name Contact Phone ----862 LAKE CHARLES HARBOR & TERMINAL PORT

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