ENDANGERED, THREATENED, AND CANDIDATE SPECIES OF LOUISIANA
E=Endangered T=Threatened P=Proposed C=Candidate CH=Critical Habitat NEP=Non-essential Experimental Population\*

PARISH†/SPECIES	OCCURRENCE	<b>GROUP</b>	<b>STATUS</b>
ALLEN			
Chaffseed, American	Known	Plant	Е
Woodpecker, Red-cockaded	Known	Bird	E
ASCENSION			
Manatee, West Indian	Seasonal	Mammal	T
Mussel, Alabama Heelsplitter	Known	Mollusk	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Sturgeon, Pallid	Known	Fish	E
AVOYELLES			
Bat, Northern Long-eared	Possible	Mammal	T
Sturgeon, Pallid	Known	Fish	E
BEAUREGARD			
Chaffseed, American	Known	Plant	E
Woodpecker, Red-cockaded	Known	Bird	E
BIENVILLE			
Bat, Northern Long-eared	Possible	Mammal	T
Earth Fruit	Possible	Plant	T
Snake, Louisiana Pine	Known	Reptile	T
Woodpecker, Red-cockaded	Known	Bird	Е
BOSSIER			
Bat, Northern Long-eared	Known	Mammal	T
Sturgeon, Pallid	Possible	Fish	Ē
Tern, Interior Least	Known	Bird	Ē
Woodpecker, Red-cockaded	Known	Bird	E
CADDO		Bird	2
Bat, Northern Long-eared	Possible	Mammal	T
Earth Fruit	Known	Plant	T
Sturgeon, Pallid	Possible	Fish	Ë
Tern, Interior Least	Known	Bird	Ē
Woodpecker, Red-cockaded	Known	Bird	Ē
CALCASIEU	Teno wii	Bird	L
Manatee, West Indian	Seasonal	Mammal	T
Woodpecker, Red-cockaded	Known	Bird	Ë
CALDWELL	KHOWII	Bird	L
Bat, Northern Long-eared	Possible	Mammal	T
CAMERON	1 0331010	Manima	1
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Known	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Known	Bird	T, CII
Turtle, Green Sea	Known		T
	Known	Reptile	E
Turtle, Hawksbill Sea	Known Known	Reptile	E E
Turtle, Kemp's Ridley Sea	Known	Reptile	E E
Turtle, Leagurhand Sea	Known Known	Reptile	E T
Turtle, Loggerhead Sea	KIIOWII	Reptile	1

PARISH†/SPECIES	OCCURRENCE	GROUP	<u>STATUS</u>
CATAHOULA	D '11	N/ 1	Т
Bat, Northern Long-eared	Possible	Mammal	T
Sturgeon, Pallid	Possible	Fish	E
Woodpecker, Red-cockaded CLAIBORNE	Known	Bird	Е
Bat, Northern Long-eared	Possible	Mammal	T
CONCORDIA			
Bat, Northern Long-eared	Possible	Mammal	T
Mussel, Fat Pocketbook Pearly	Known	Mollusk	E
Sturgeon, Pallid	Known	Fish	E
Tern, Interior Least	Known	Bird	E
DESOTO			
Bat, Northern Long-eared	Possible	Mammal	T
Earth Fruit	Known	Plant	T
Woodpecker, Red-cockaded	Known	Bird	E
EAST BATON ROUGE			
Manatee, West Indian	Seasonal	Mammal	T
Mussel, Alabama Heelsplitter	Known	Mollusk	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Sturgeon, Pallid	Known	Fish	Е
EAST CARROLL			
Bat, Northern Long-eared	Possible	Mammal	T
Mussel, Fat Pocketbook Pearly	Known	Mollusk	Е
Sturgeon, Pallid	Known	Fish	Е
Tern, Interior Least	Known	Bird	Е
EAST FELICIANA			
Mussel, Alabama Heelsplitter	Known	Mollusk	T
Sturgeon, Atlantic (Gulf subspecies)	Possible	Fish	T
Sturgeon, Pallid	Known	Fish	Ē
EVANGELINE			
Woodpecker, Red-cockaded	Known	Bird	Е
FRANKLIN			
Bat, Northern Long-eared	Possible	Mammal	T
GRANT			
Bat, Northern Long-eared	Known	Mammal	T
Mussel, Louisiana Pearlshell	Known	Mollusk	T
Sturgeon, Pallid	Possible	Fish	Е
Tern, Interior Least	Possible	Bird	Е
Woodpecker, Red-cockaded	Known	Bird	Е
IBERIA			
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Seasonal	Bird	T
Plover, Piping	Seasonal	Bird	T
Rail, Eastern Black	Possible	Bird	T
Sturgeon, Pallid	Known	Fish	Е
Turtle, Green Sea	Known	Reptile	T
Turtle, Hawksbill Sea	Known	Reptile	Ē
Turtle, Kemp's Ridley Sea	Known	Reptile	Ē
Turtle, Leatherback Sea	Known	Reptile	Ē
Turtle, Loggerhead Sea	Known	Reptile	T
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PARISH†/SPECIES IBERVILLE	OCCURRENCE	<b>GROUP</b>	<b>STATUS</b>
	Possible	Fish	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	E
Sturgeon, Pallid  JACKSON	Known	FISH	E
	Possible	Mammal	T
Bat, Northern Long-eared	Known	Bird	E
Woodpecker, Red-cockaded  JEFFERSON	Known	Bird	£
	C1	Managa 1	Т
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Known	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Possible	Bird	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T, CH
Sturgeon, Pallid	Known	Fish	E
Turtle, Green Sea	Known	Reptile	T
Turtle, Hawksbill Sea	Known	Reptile	E
Turtle, Kemp's Ridley Sea	Known	Reptile	E
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
LAFOURCHE	0 1	3.6 1	Tr.
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Known	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Possible	Bird	T
Turtle, Green Sea	Known	Reptile	T
Turtle, Hawksbill Sea	Known	Reptile	E
Turtle, Kemp's Ridley Sea	Known	Reptile	E
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
LA SALLE	17	3.6 1	Tr.
Bat, Northern Long-eared	Known	Mammal	T
Woodpecker, Red-cockaded	Known	Bird	E
LINCOLN	D 11.1		<b></b>
Bat, Northern Long-eared	Possible	Mammal	T
LIVINGSTON	G 1	N/ 1	T
Manatee, West Indian	Seasonal	Mammal	T
Mussel, Alabama Heelsplitter	Known	Mollusk	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Woodpecker, Red-cockaded	Known	Bird	E
MADISON	D '11	3.6 1	Tr.
Bat, Northern Long-eared	Possible	Mammal	T
Mussel, Fat Pocketbook Pearly	Known	Mollusk	E
Tern, Interior Least	Known	Bird	E
MOREHOUSE	D '11	3.6 1	Tr.
Bat, Northern Long-eared	Possible	Mammal	T
Mussel, Pink Mucket Pearly	Known	Mollusk	E
Mussel, Rabbitsfoot	Known	Mollusk	T
Woodpecker, Red-cockaded	Known	Bird	E
NATCHITOCHES (cont. on next page)	D '11		T.
Bat, Northern Long-eared	Possible	Mammal	T
Snake, Louisiana Pine	Known	Reptile	T

PARISH†/SPECIES	<b>OCCURRENCE</b>	<b>GROUP</b>	<b>STATUS</b>
NATCHITOCHES (cont.)			
Sturgeon, Pallid	Possible	Fish	E
Tern, Interior Least	Known	Bird	E
Woodpecker, Red-cockaded	Known	Bird	E
ORLEANS			
Manatee, West Indian	Seasonal	Mammal	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T, CH
Sturgeon, Pallid	Known	Fish	E
OUACHITA			
Bat, Northern Long-eared	Known	Mammal	T
Woodpecker, Red-cockaded	Known	Bird	E
PLAQUEMINES			
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Seasonal	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Possible	Bird	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Sturgeon, Pallid	Known	Fish	Е
Turtle, Green Sea	Known	Reptile	$\overline{\mathrm{T}}$
Turtle, Hawksbill Sea	Known	Reptile	Ē
Turtle, Kemp's Ridley Sea	Known	Reptile	Ē
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
POINTE COUPEE	Tano wii	repine	1
Sturgeon, Pallid	Known	Fish	Е
RAPIDES	KHOWH	1 1511	L
Bat, Northern Long-eared	Possible	Mammal	T
Mussel, Louisiana Pearlshell	Known	Mollusk	T
Sturgeon, Pallid	Possible	Fish	E
Tern, Interior Least	Possible	Bird	E
Woodpecker, Red-cockaded	Known	Bird	E
RED RIVER	Kilowii	Dird	L
Bat, Northern Long-eared	Possible	Mammal	T
Earth Fruit	Possible	Plant	T
Sturgeon, Pallid	Possible	Fish	E
Tern, Interior Least	Known	Bird	E
RICHLAND	Kilowii	Dilu	L
Bat, Northern Long-eared	Possible	Mammal	T
SABINE	rossible	Maiiiiiai	1
Earth Fruit	Possible	Plant	T
	Known		T
Snake, Louisiana Pine		Reptile	E
Woodpecker, Red-cockaded	Known	Bird	E
ST. BERNARD (cont. on next page)	C1	Ma	T
Manatee, West Indian	Seasonal	Mammal	
Knot, Red	Known	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Possible	Bird	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T, CH
Sturgeon, Pallid	Known	Fish	E
Turtle, Green Sea	Known	Reptile	T

PARISH†/SPECIES	OCCURRENCE	<b>GROUP</b>	<b>STATUS</b>
ST. BERNARD (cont.)			
Turtle, Hawksbill Sea	Known	Reptile	E
Turtle, Kemp's Ridley Sea	Known	Reptile	E
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
ST. CHARLES			
Manatee, West Indian	Seasonal	Mammal	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Sturgeon, Pallid	Known	Fish	E
ST. HELENA			
Mussel, Alabama Heelsplitter	Known	Mollusk	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
ST. JAMES			
Manatee, West Indian	Seasonal	Mammal	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Sturgeon, Pallid	Known	Fish	E
ST. JOHN THE BAPTIST			
Manatee, West Indian	Seasonal	Mammal	T
Mussel, Alabama Heelsplitter	Possible	Mollusk	T
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T
Sturgeon, Pallid	Known	Fish	Е
ST. LANDRY			
Sturgeon, Pallid	Known	Fish	E
ST. MARTIN	12119 1111	1 1011	_
Manatee, West Indian	Seasonal	Mammal	T
Sturgeon, Pallid	Known	Fish	Ē
ST. MARY	12110 //11	1 1011	_
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Seasonal	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Possible	Bird	T
Sturgeon, Pallid	Known	Fish	Ē
Turtle, Green Sea	Known	Reptile	T
Turtle, Hawksbill Sea	Known	Reptile	Ē
Turtle, Kemp's Ridley Sea	Known	Reptile	E
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
ST. TAMMANY	Kilowii	керине	1
Manatee, West Indian	Seasonal	Mammal	T
Mussel, Alabama Heelsplitter	Possible	Mollusk	T
Quillwort, Louisiana	Known	Plant	E
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T, CH
Tortoise, Gopher	Known	Reptile	T, C11
Turtle, Ringed Map	Known	Reptile	T
Woodpecker, Red-cockaded	Known	Bird	E
TANGIPAHOA	MIOWII	Dild	Ľ
Manatee, West Indian	Seasonal	Mammal	T
·	Known	Fish	T
Sturgeon, Atlantic (Gulf subspecies)	Known Known		T
Tortoise, Gopher	Known Known	Reptile Bird	E
Woodpecker, Red-cockaded	MIOWII	DIIU	E

PARISH†/SPECIES	OCCURRENCE	GROUP	<u>STATUS</u>
TENSAS	D '11	N/ 1	T
Bat, Northern Long-eared	Possible	Mammal	T
Mussel, Fat Pocketbook Pearly	Known	Mollusk	E
Sturgeon, Pallid	Known	Fish	E
Tern, Interior Least	Known	Bird	E
TERREBONNE	G 1	) ( 1	T
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Known	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Possible	Bird	T
Turtle, Green Sea	Known	Reptile	T
Turtle, Hawksbill Sea	Known	Reptile	E
Turtle, Kemp's Ridley Sea	Known	Reptile	E
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
UNION			
Bat, Northern Long-eared	Known	Mammal	T
Woodpecker, Red-cockaded	Known	Bird	E
VERMILION			
Crane, Whooping	Known	Bird	NEP
Manatee, West Indian	Seasonal	Mammal	T
Knot, Red	Known	Bird	T
Plover, Piping	Known	Bird	T, CH
Rail, Eastern Black	Known	Bird	T
Turtle, Green Sea	Known	Reptile	T
Turtle, Hawksbill Sea	Known	Reptile	E
Turtle, Kemp's Ridley Sea	Known	Reptile	E
Turtle, Leatherback Sea	Known	Reptile	E
Turtle, Loggerhead Sea	Known	Reptile	T
VERNON		-	
Snake, Louisiana Pine	Known	Reptile	T
Woodpecker, Red-cockaded	Known	Bird	E
WASHINGTON			
Mussel, Alabama Heelsplitter	Known	Mollusk	T
Quillwort, Louisiana	Known	Plant	E
Sturgeon, Atlantic (Gulf subspecies)	Known	Fish	T, CH
Tortoise, Gopher	Known	Reptile	T
Turtle, Ringed Map	Known	Reptile	T
WEBSTER		1	
Bat, Northern Long-eared	Possible	Mammal	T
Woodpecker, Red-cockaded	Known	Bird	Е
WEST BATON ROUGE			
Manatee, West Indian	Seasonal	Mammal	T
Sturgeon, Pallid	Known	Fish	Ē
WEST CARROLL			
Bat, Northern Long-eared	Possible	Mammal	T
WEST FELICIANA	_ 5551514		-
Sturgeon, Pallid	Known	Fish	Е
WINN (cont. on next page)	12110 1111	1 1511	2
Bat, Northern Long-eared	Known	Mammal	T
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PARISH†/SPECIES	<b>OCCURRENCE</b>	<b>GROUP</b>	<b>STATUS</b>
WINN (cont.)	,		
Earth Fruit	Known	Plant	T
Sturgeon, Pallid	Possible	Fish	E
Tern, Interior Least	Possible	Bird	E
Woodpecker, Red-cockaded	Known	Bird	E

- \* Endangered (E) any species which is in danger of extinction throughout all or a significant portion of its range.
- \* Threatened (T) any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
- \* Proposed (P) any species which is proposed for listing under the Endangered Species Act.
- \* Candidate (C) plant and animal taxa considered for possible addition to the List of Endangered and Threatened Species. These are taxa for which the Service has on file sufficient information on biological vulnerability and threat(s) to support issuance of a proposal to list, but issuance of a proposed rule is currently precluded by higher priority listing actions.
- \* Critical Habitat (CH) for listed species consists of: (1) the specific areas within the geographical area occupied by the species, at the time it is listed in accordance with the provisions of section 4 of the Act, on which are found those physical or biological features (constituent elements) (a) essential to the conservation of the species and (b) which may require special management considerations or protection; and (2) specific areas outside the geographical area occupied by the species at the time it is listed in accordance with the provisions of section 4 of the Act, upon a determination by the Secretary that such areas are essential for the conservation of the species.
- \* Non-Essential Experimental Population (NEP) A reintroduced population believed not to be essential for the survival of the species, but important for its full recovery and eventual removal from the endangered and threatened list. These populations are treated as "threatened" species except that the ESA's section 7 consultation regulations (requiring consultation with the U.S. Fish and Wildlife Service to reduce adverse impacts from Federal actions) do not apply (except where the species occurs within National Parks or National Wildlife Refuges) and critical habitat cannot be designated. †If a Parish is not listed here, there are no known occurrences of a threatened, endangered, proposed, or candidate species, or their critical habitat, for that Parish.

## THREATENED AND ENDANGERED SPECIES

<u>SPECIES</u>	<b>STATUS</b>	GENERAL DISTRIBUTION IN LOUISIANA
MAMMALS		
Bat, Northern Long-eared (Myotis septentrionalis)	Threatened	Known to occur in Bossier, Grant, LaSalle, Ouachita, Rapides, Richland, Union, and Winn parishes; possible in Avoyelles, Bienville, Caddo, Caldwell, Catahoula, Claiborne, Concordia, DeSoto, East Carroll, Franklin, Jackson, Lincoln, Madison, Morehouse, Natchitoches, Red River, Tensas, Webster, and West Carroll parishes
Manatee, West Indian ( <i>Trichechus manatus</i> )	Threatened	Lake Pontchartrain and tributaries on North Shore; rare along Gulf coast
Panther, Florida (Felis concolor coryi)	Endangered <sup>1</sup>	Entire state
Whale, Finback (Balaenoptera physalus)	Endangered	Coastal waters
Whale, Humpback (Megaptera novaeangliae)	Endangered <sup>2</sup>	Coastal waters
Whale, Right (Eubalaena glacialis)	Endangered <sup>2</sup>	Coastal waters
Whale, Sei (Balaenoptera borealis)	Endangered <sup>2</sup>	Coastal waters
Whale, Sperm ( <i>Physeter catodon</i> )	Endangered <sup>2</sup>	Coastal waters
Wolf, Red (Canis rufus)	Endangered <sup>1</sup>	Cameron and Calcasieu parishes
BIRDS		
Crane, Whooping (Grus americana)	Non-essential Experimental Population	White Lake Management Area (WMA), Vermilion Parish
Curlew, Eskimo (Numenius borealis)	Endangered <sup>1</sup>	Entire state
Knot, Red (Calidris canutus rufa)	Threatened	Coast
Plover, Piping (Charadrius melodus)	Threatened	Coast
Rail, Eastern Black (Laterallus jamaicensis jamaicensis)	Threatened	Known to occur in Cameron and Vermilion parishes; possible in Iberia, Jefferson, Lafourche, Plaquemines, St. Bernard, St. Mary, and Terrebonne parishes
Tern, Interior Least (Sterna antillarum)	Endangered	Mississippi River north of Baton Rouge; Red River north of Colfax
Warbler, Bachman's (Vermivora bachmanii)	Endangered <sup>3</sup>	Entire state
Woodpecker, Ivory-billed (Campephilus principalis)	Endangered <sup>1</sup>	Entire state
Woodpecker, Red-cockaded (Picoides borealis)	Endangered	Pine forests throughout the state

SPECIES	<u>STATUS</u>	GENERAL DISTRIBUTION IN LOUISIANA
REPTILES		
Alligator, American (Alligator mississippiensis)	Threatened (S/A) <sup>4</sup>	Entire state
Snake, Louisiana Pine (Pituophis ruthveni)	Threatened	Bienville, Natchitoches, Sabine, and Vernon parishes
Tortoise, Gopher (Gopherus polyphemus)	Threatened	St. Tammany, Tangipahoa, and Washington parishes
Turtle, Green Sea ( <i>Chelonia mydas</i> )	Threatened <sup>5</sup>	Coastal waters
Turtle, Hawksbill Sea (Eretmochelys imbricata)	Endangered <sup>5</sup>	Coastal waters
Turtle, Kemp's (Atlantic) Ridley Sea (Lepidochelys kempii)	Endangered <sup>5</sup>	Coastal waters
Turtle, Leatherback Sea (Dermochelys coriacea)	Endangered <sup>5</sup>	Coastal waters
Turtle, Loggerhead Sea (Caretta caretta)	Threatened <sup>5</sup>	Coastal waters
Turtle, Ringed Map (= sawback) (Graptemys oculifera)	Threatened	Pearl and Bogue Chitto Rivers
FISH		
Sawfish, Smalltooth ( <i>Pristis pectinata</i> )	Endangered <sup>2</sup>	Gulf of Mexico from Texas to Florida
Sturgeon, Atlantic (Gulf subspecies) (Acipenser oxyrhynchus desotoi)	Threatened <sup>5</sup>	Pearl River and tributaries; Lake Pontchartrain and tributaries
Sturgeon, Pallid	Endangered	Mississippi River and tributaries
(Scaphirhynchus albus) Sturgeon, Shovelnose (Scaphirhynchus platorynchus)	Threatened (S/A) <sup>6</sup>	Mississippi River and tributaries
INVERTEBRATES Mussel, Alabama heelsplitter (= inflated) (Potamilus inflatus)	Threatened	Amite River, possible in Pearl River
Mussel, Fat Pocketbook Pearly (Potamilus capax)	Endangered	Mississippi River
Mussel, Louisiana Pearlshell (Margaritifera hembeli)	Threatened	Bayous Boeuf, Rapides, and Rigolette drainages in Rapides and Grant parishes
Mussel, Pink Mucket Pearly (Lampsilis abrupta)	Endangered	Bayou Bartholomew
Mussel, Rabbitsfoot (Quadrula cylindrica)	Threatened	Bayou Bartholomew
PLANTS		
Chaffseed, American (Schwalbea americana)	Endangered	Allen and Beauregard parishes
Earth Fruit (Geocarpon minimum)	Threatened	Known to occur in Caddo, DeSoto, and Winn parishes; possible in Bienville, Caldwell, Morehouse, and Sabine parishes
Quillwort, Louisiana (Isoetes louisianensis)	Endangered	St. Tammany and Washington parishes

<sup>&</sup>lt;sup>1</sup> The Florida panther, red wolf, Eskimo curlew, and ivory-billed woodpecker are presumed to be extinct in the state. <sup>2</sup> The National Marine Fisheries Service, St. Petersburg, Florida, has consultation authority for these species.

- <sup>3</sup> There has been no confirmed Bachman's Warbler U.S. nesting ground sighting since the mid-1960s. The last confirmed sighting anywhere in the U.S. was 1988. This species may be extirpated in Louisiana.
- <sup>4</sup> For law enforcement purposes the alligators in Louisiana are classified as "Threatened due to Similarity of Appearance." They are biologically neither endangered nor threatened. Regulated harvest is permitted under State law, September 21, 1998.
- <sup>5</sup> The U.S. Fish and Wildlife Service and the National Marine Fisheries Service share consultation authority for these species.
- <sup>6</sup>For law enforcement purposes shovelnose sturgeon are classified as "Threatened due to Similarity of Appearance" wherever they coexist with the endangered pallid sturgeon. They are biologically neither endangered nor threatened but this designation extends the ESA take prohibitions to shovelnose sturgeon, shovelnose-pallid sturgeon hybrids and their roe when associated with a commercial fishing activity.