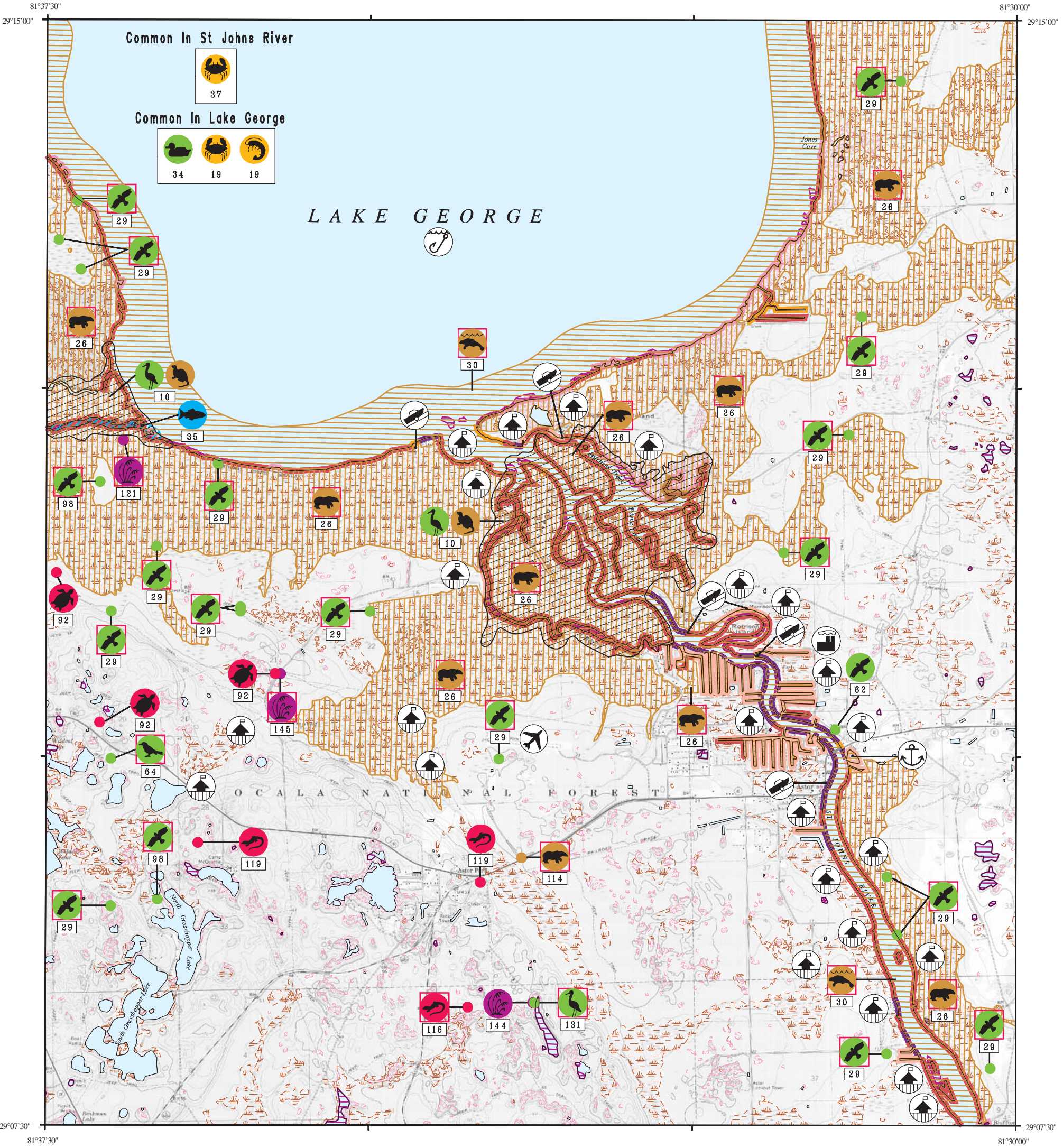


ENVIRONMENTAL SENSITIVITY INDEX MAP



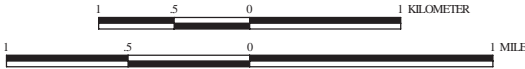
Prepared by:
Research Planning, Inc.



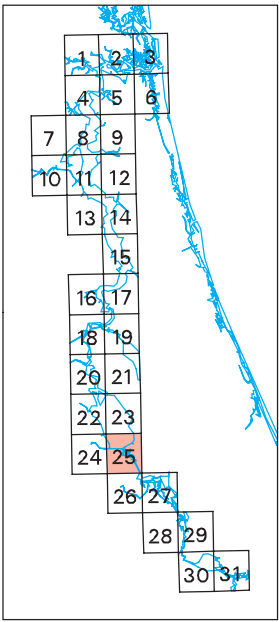
Prepared for:
Florida Department of
Environmental Protection



SCALE 1:50000



Not For Navigation
Published: May 1997



ASTOR, FLA. (1983) **STJ-25**

ST. JOHNS RIVER ESIMAP 25

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
10	Wading birds			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
29	Bald eagle	S/F	T/T	1	X	X	X	X	X	X	X	X	X	X	X	X	NOV-JUN	-	-	-
34	American coot			3328	X	X	X	X					X	X	X	X	-	-	-	-
	American wigeon			28	X	X	X	X						X	X	X	-	-	-	-
	Bufflehead			2	X	X										X	-	-	-	-
	Canvasback			75	X	X	X								X	X	-	-	-	-
	Green-winged teal			59	X	X	X	X					X	X	X	X	-	-	-	-
	Lesser scaup			150	X	X	X	X						X	X	X	-	-	-	-
	Merganser			112	X	X	X	X						X	X	X	-	-	-	-
	Northern shoveler			2	X	X	X	X						X	X	X	-	-	-	-
	Ring-necked duck			1599	X	X	X	X							X	X	X	-	-	-
	Ruddy duck			650	X	X	X	X							X	X	X	-	-	-
	Wood duck			2	X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUL	-	-	-
62	American swallow-tailed kite			1		X	X	X	X	X	X	X	X	X			MAR-JUN	-	-	-
64	Florida scrub jay	S/F	T/T	7	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
98	Bald eagle	S/F	T/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
131	Florida sandhill crane	S	T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

FISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Outmig.	Larvae	Juveniles	Adults
35	Bluenose shiner				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Snail bullhead				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC

HABITAT:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
121	Ocala vetch	S	E		X	X	X	X	X	X	X	X	X	X	X	X
144	Scrub holly				X	X	X	X	X	X	X	X	X	X	X	X
	Scrub bay				X	X	X	X	X	X	X	X	X	X	X	X
	Piedmont jointgrass				X	X	X	X	X	X	X	X	X	X	X	X
145	Curtiss' milkweed	S	E		X	X	X	X	X	X	X	X	X	X	X	X
	Scrub bay				X	X	X	X	X	X	X	X	X	X	X	X

M_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
30	West Indian manatee	S/F	E/E	MED			X	X	X	X	X	X	X	X	X		-	-	-	-

REPTILE:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting
92	Gopher tortoise				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
116	Eastern indigo snake	S/F	T/T		X	X	X	X	X	X	X	X	X	X	X	X	-	-	-
119	Florida scrub lizard				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-

SHELLFISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Larvae	Mating	Juveniles	Adults
19	Blue crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	APR-OCT	MAR-DEC	JAN-DEC	JAN-DEC
	White shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
37	Blue crab			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-DEC	JAN-DEC	JAN-DEC

T_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
10	Northern river otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X
26	Florida black bear	S	T	POTENTIAL	X	X	X	X	X	X	X	X	X	X	X	X
114	Florida black bear	S	T		X	X	X	X	X	X	X	X	X	X	X	X

=====