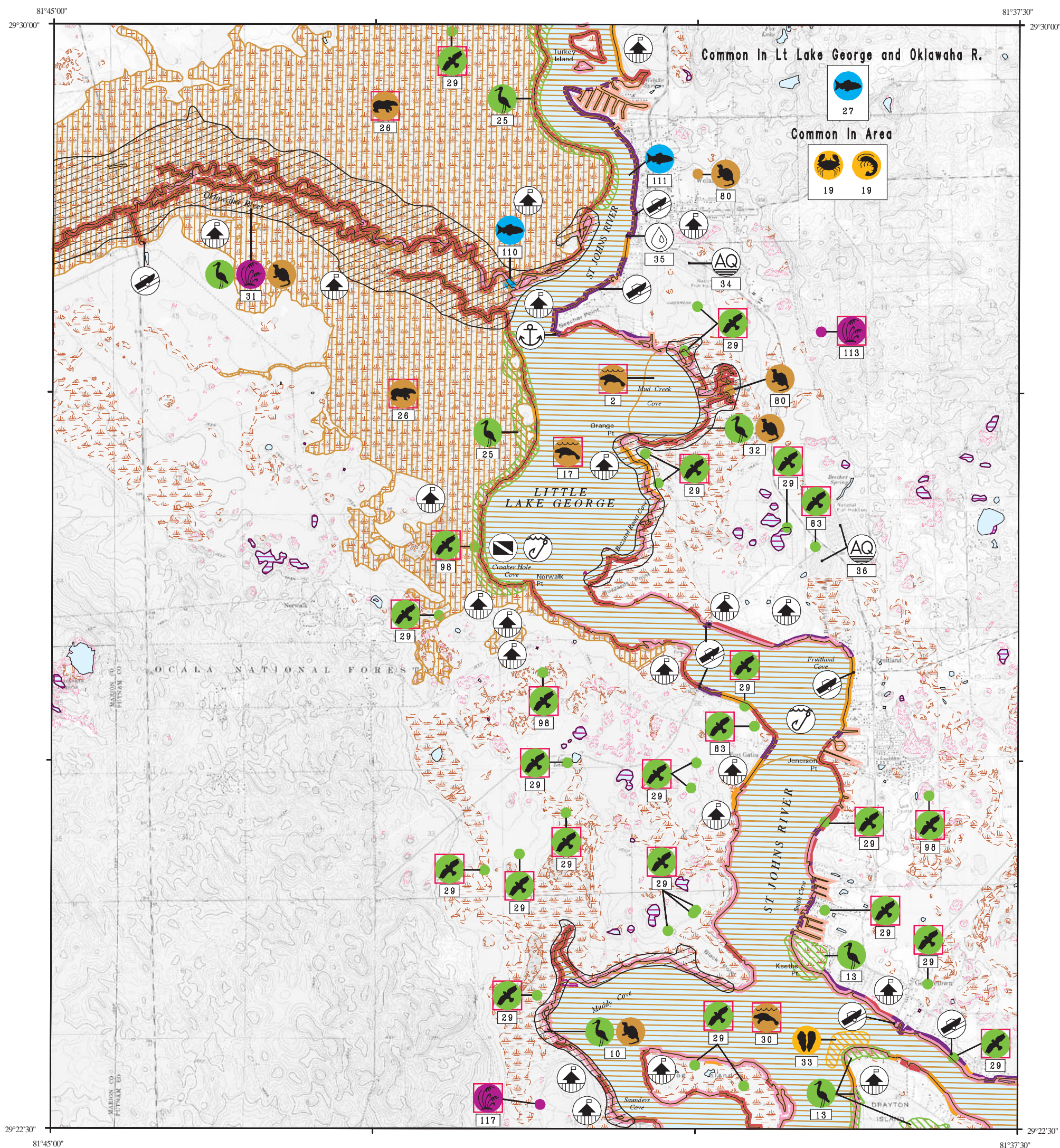


ENVIRONMENTAL SENSITIVITY INDEX MAP



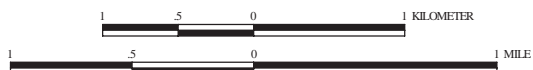
Prepared by:
Research Planning, Inc.



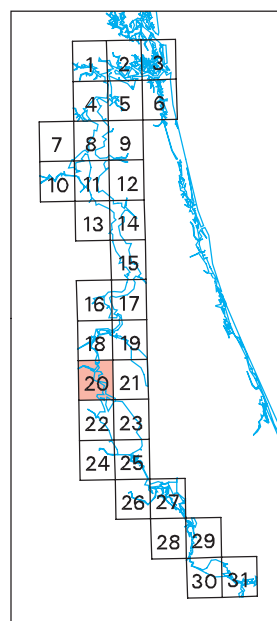
Prepared for:
Florida Department of
Environmental Protection



SCALE 1:50000



Not For Navigation
Published: May 1997



WELAKA, FLA. (1980) **STJ-20**

ST. JOHNS RIVER ESIMAP 20

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	-	-	-	-
13	Wading birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
25	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	-	-	-
31	Wading birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
32	Wading birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
83	Bald eagle	S/F	T/T	1	X	X	X	X	X	X	X	X	X	X	X	X	NOV-JUN	-	-	-
98	Bald eagle	S/F	T/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
27	Snail bullhead				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
110	River goby				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
111	Bluenose shiner				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
31	Rare plant			LOW	X	X	X	X	X	X	X	X	X	X	X	X
113	American chaffseed	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X
117	Curtiss' milkweed	S	E		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
2	West Indian manatee	S/F	E/E	HIGH			X	X	X	X	X	X	X	X	X		-	-	-	-
17	West Indian manatee	S/F	E/E	MED			X	X	X	X	X	X	X	X	X		-	-	-	-
30	West Indian manatee	S/F	E/E	MED			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	-
33	Florida lance				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	St. Johns elephantear				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	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
31	Northern river otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X
32	Northern river otter			HIGH	X	X	X	X	X	X	X	X	X	X	X	X
80	Florida long-tailed weasel			1	X	X	X	X	X	X	X	X	X	X	X	X

HUMAN USE RESOURCES:

AQUACULTURE:

HUN#	Name	Owner	Contact	Phone
34	WELAKA NATIONAL FISH HATCHERY (WNFH)	USFWS	ALAN BROWN	904-467-2374
36	WNFH BEECHER SPRING UNIT	USFWS	ALAN BROWN	904-467-2374

WATER_INTAKE:

HUN#	Name	Owner	Contact	Phone
35	WELAKA NATIONAL FISH HATCHERY (WNFH)	USFWS	ALAN BROWN	904-467-2374