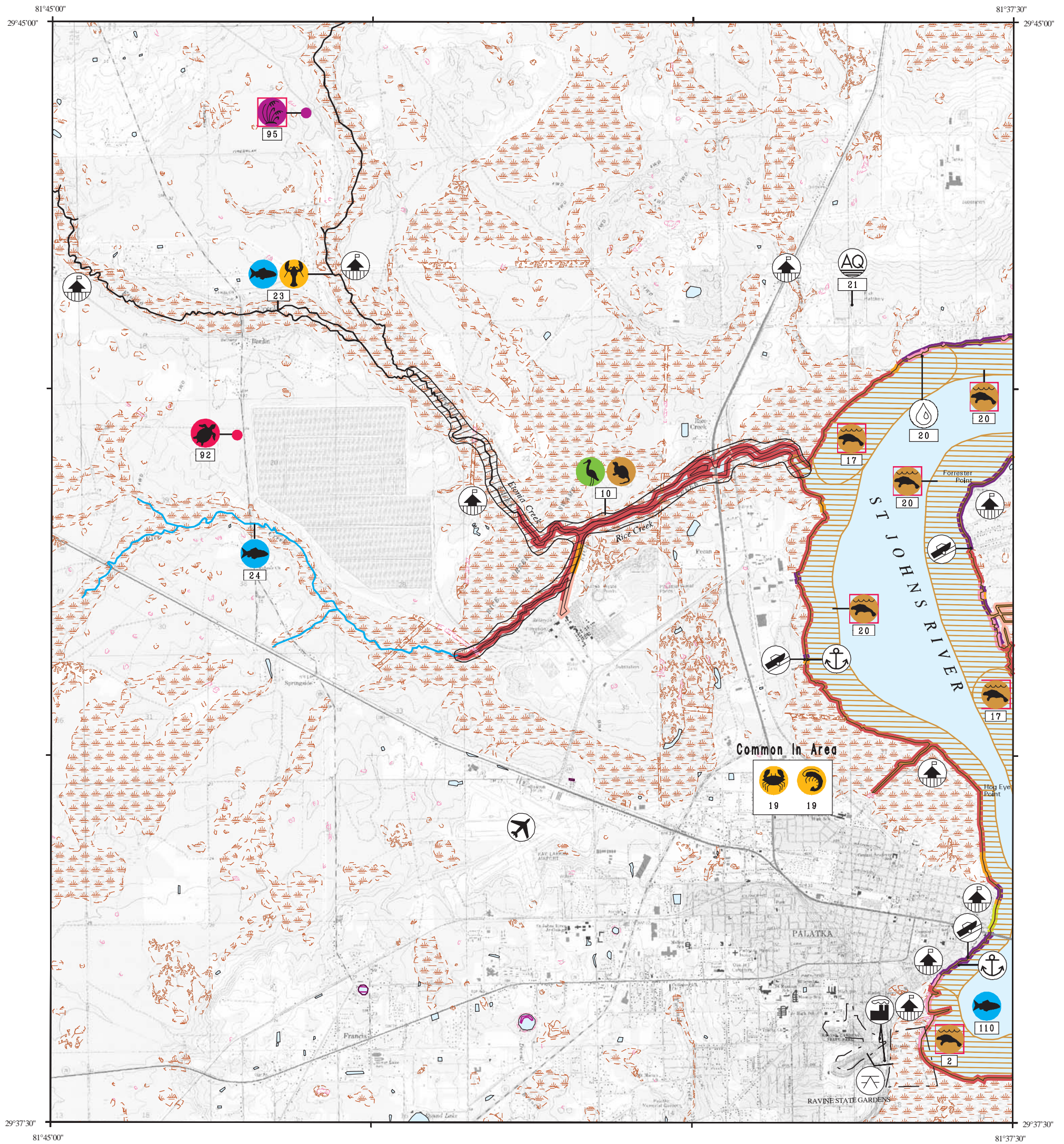


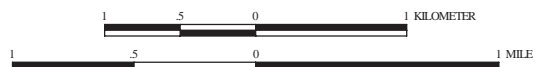
# ENVIRONMENTAL SENSITIVITY INDEX MAP



Prepared by:  
Research Planning, Inc.



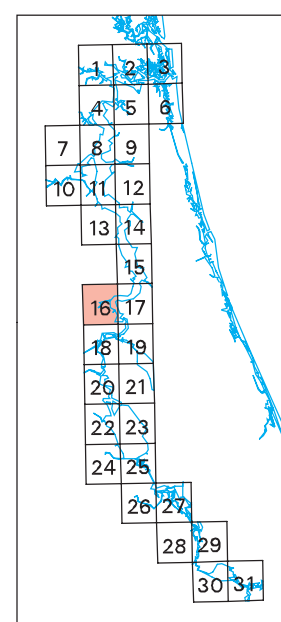
SCALE 1:50000



Prepared for:  
Florida Department of  
Environmental Protection



Not For Navigation  
Published: May 1997



PALATKA, FLA. (1992) STJ-16

ST. JOHNS RIVER ESIMAP 16

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	-	-	-	-

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
23	Dusky shiner				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
24	Dusky shiner				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

HABITAT:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D
95	Bartram's ixia	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	-	-	-	-
20	West Indian manatee	S/F	E/E	LOW				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	-	-	-

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	-
23	Black Creek crayfish			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-AUG	JAN-SEP	AUG-MAR	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

HUMAN USE RESOURCES:

AQUACULTURE:

HUN#	Name	Owner	Contact	Phone
21	FISH HATCHERY			

WATER\_INTAKE:

HUN#	Name	Owner	Contact	Phone
20	SEMINOLE POWER STATION	SEMINOLE ELECTRIC COOPERATIVE	JIM PITTMAN	904-328-9255