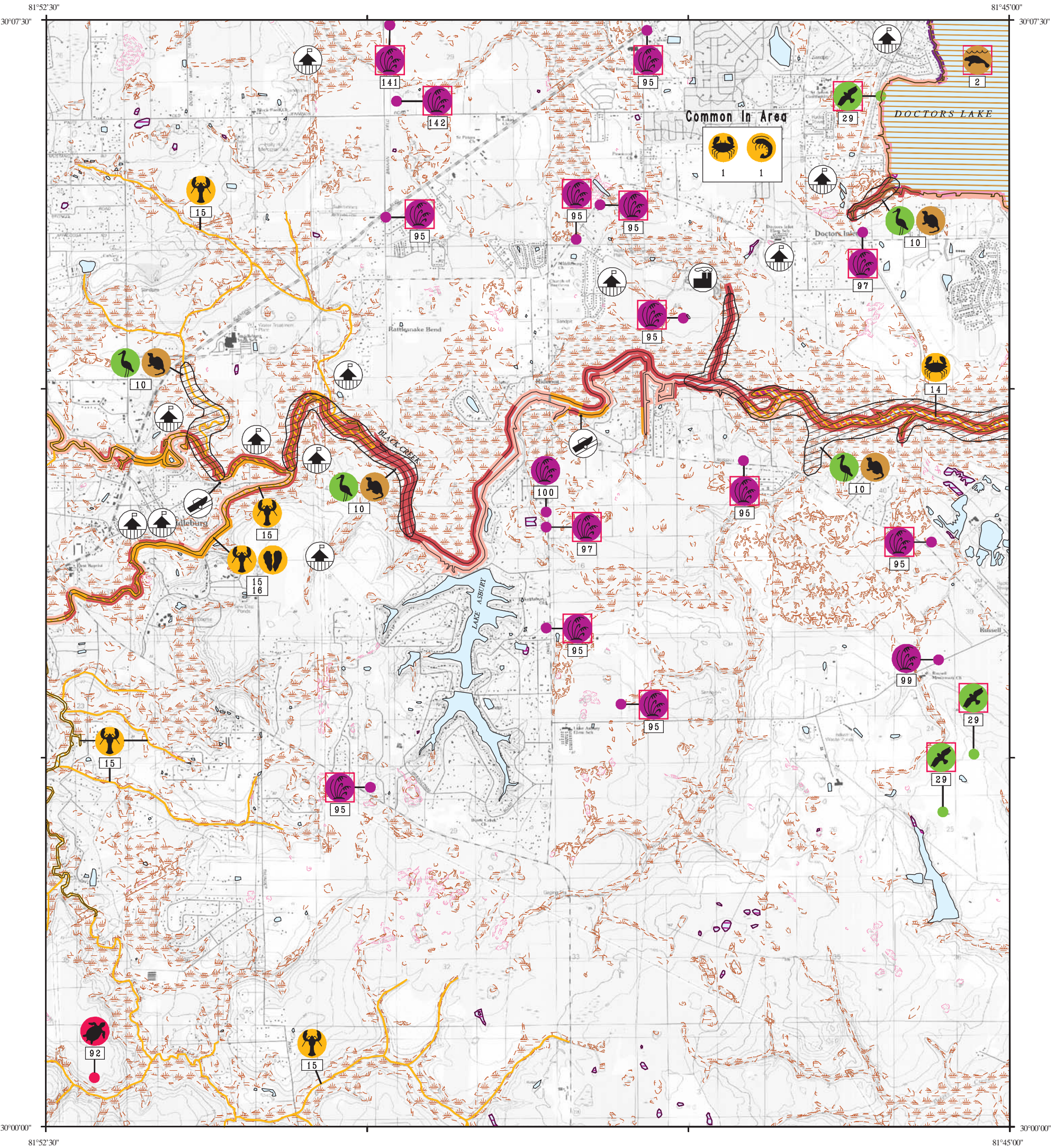


ENVIRONMENTAL SENSITIVITY INDEX MAP



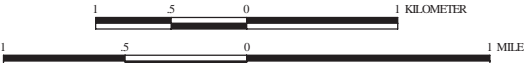
Prepared by:
Research Planning, Inc.



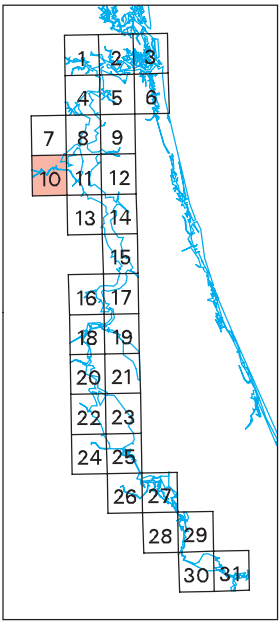
Prepared for:
Florida Department of
Environmental Protection



SCALE 1:50000



Not For Navigation
Published: May 1997



MIDDLEBURG, FLA. (1993)

STJ-10

ST. JOHNS RIVER ESIMAP 10

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 | - | - | - |

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 | | | | |
| 97 | St. John's susan | S | E | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 99 | Variable-leaf crownbeard | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 100 | Florida mountain-mint | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 141 | Bartram's ixia | S | E | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | St. John's susan | S | E | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Florida mountain-mint | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 142 | Bartram's ixia | S | E | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | St. John's susan | 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 | | - | - | - | - |

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 |
|------|-----------------------|-----|-----|-----------|---|---|---|---|---|---|---|---|---|---|---|---|----------|---------|---------|-----------|---------|
| 1 | Blue crab | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | APR-OCT | MAR-DEC | JAN-DEC | JAN-DEC |
| | Brown shrimp | | | MED | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | JAN-DEC | - |
| | White shrimp | | | MED | X | X | X | X | X | X | X | X | X | X | X | X | - | - | - | JAN-DEC | - |
| 14 | Blue crab | | | VERY HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | APR-OCT | - | JAN-DEC | - |
| 15 | Black Creek crayfish | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | - | JUL-AUG | JAN-SEP | AUG-MAR | JAN-DEC |
| 16 | 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 | | | | |

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