

CL-87.5

ALGAE ID By Dennis Roszell
10/87

Tern Island FFS, stomach contents, 6/8/87

<u>Spyridia filamentosa</u>	30%
<u>Turbinaria ornata</u>	30
<u>Codium arabicum</u>	30
<u>Codium edule</u>	10
<u>Polysiphonia exilis</u> (on <u>Codium</u>)	Trace
<u>Polysiphonia</u> sp.	Trace

Report of Turtle Autopsy 6-10-87

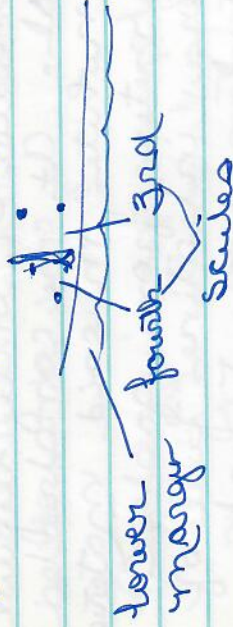
Jern Island

Slides will accompany this report

External Observations

No tags, CL 87.5, Head 11.3 cm.

- (L) Hind flipper partially amputated and healed
- (L) Third scute, close to lower margin, one puncture hole through external shell, completely healed
- (R) Third + fourth scutes, close to lower margin, four punctures holes to outer shell in the following configuration



- (L) Fore flipper amputated at joint. New arising
- Rear central scute with lacertoid through outer layer of shell
- Sail completely amputated
- Part of rear pleastron chewed away. Internal tissue exposed.
- Rear: new arising.

① hind flippers, with slash cut. Shape of tooth apparent. Excessive skin on neck and shoulders. Subcutaneous

fat layer absent

No external tumors

Internal Observations

1. Fore stomach - filled to capacity with codium and green material (? algae). Specimen obtained

2. Stomach full to capacity. Several different materials. Specimen obtained.

3. Small intestine. Some sections full of fecal material which dispersed with contents of areas almost devoid of any contents or only liquid material. At one constricted area white mucoid material.

About 1 meter from gastric sphincter, intestine full of liquid fecal material (brownish, beige liquid). After this a constricted area with no fecal material.

Specimen of intestine wall from both areas obtained. Inward from intestine, filled areas followed by constricted empty areas.

latter up to 16 inches long

4. Heart - no evidence of blood flukes.

Reproductive organs -

Female - specimens obtained

Kidney

appear darker than normal

Intestines - entire length checked - no parasites

Yarassai's specimens:

muscle, heart, ovary, lung, intestinal wall, stomach wall, skin, kidney

Hervey's specimens for Georg:

in 5% formalin

Fore stomach contents

Stomach contents

Ovary (reproductive)

Small intestine wall

(2 sections)

Rick will bury and give you the exact location marked with a cross to (C) of dump

Much education of observers
NMFs & NFWs personnel
and they all helped
with various aspects of
the autopsy. But basically
Vanessa and I did the
majority of the work.
You are a good teacher
and I think you would
have been proud of your
students!

My source opinion of
the turtle's demise:
bleath due to shark
attack but an
underlying problem
with the construction
in the intestine may
have resulted in
malabsorption of
nutrients and
lethargic behavior by
the turtle which made
it more vulnerable
to attack.

M. Thayer
10 June 1987
7:30 PM.

Environmental T Shirts

Jim Thayer

Box 2308

Boulder

80306

*Marilyn's
Jungle
Log*

FFS

May - June 1987

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