

6/30/91 Telecon w/ Spencer TINKER 734-1646
 SATURDAY Regarding statement in ERNEST Williams
 MS 0:

"Numerous green turtles and more than one hawksbill with fibropapilloma tumors were held at the Waikiki Aquarium before and after 1950. Individuals of both turtle species were necropsied and examined histologically. Trematode eggs were found in the tumor tissue and blood vessels (Prof. Cutress pers. comm.) The tumors in Hawaiian hawksbill were as large and well developed as those occurring on green turtles (Cutress, pers. comm.)"

STUDYING ANEMONIES
 Tinker stated that Charles Cutress ¹⁹⁵⁰⁻ was a grad. student in zoology at UH that used to stay at the "old" Waikiki Aquarium. Tinker got out of the Army in 1946. Was at the old aquarium until 1954 late, at which time moved into enlarged present facility. At old facility they only had small turtles (greens) - he doesn't remember many hawksbills. Doesn't remember any with tumors. He had greens with tumors (acquired with tumors from the wild) - no sign of develop

Then
Let
them
go.

originating in captivity - or transmission).
He used to buy turtles when people brought
them to him. ^{CHAPLINS} Timber used to have
a vet named WEBSTER treat them
by tying them off with thread. If the
stroke was to large, he would use a
needle to pierce the center then tie
off each side to cut off the blood flow.

- Timber seemed very ^(doubtful) uncertain about 3 things:
- 1) That any of the turtles he had before 1950
had tumors (all were small greens);
 - 2) That any hawksbill he ever had had
tumors;
 - 3) That Charles Cutress ever had anything
to do with the turtles, and especially
any necropsies of them.

CUTRESS didn't get his Phd, according
to Timber.

He went on to work at the "U.S. National
Museum", but "didn't publish enough so
was released". Jack Randall said
to have helped him get a job at
the Marine Lab in Puerto Rico.

Timber exchanges Christmas cards
with him every year.

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BUT
NOTE - E. Ross BROUGHT
SMALL LOGGERS, TO AQUARIUM,
1960's

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Tinker never brought any turtles from Florida to Hawaii. once, while at a Caribbean Island, he saw a bucket of hatching hawksbills and was tempted to buy them for Hawaii. But didn't. - Boen ~ 1944

Tinker's son - George - 46 years old.
He remembers seeing turtles with bad tumors in the new pool at Aquarium.
6 years old in 1950. 10 in 1954.

BACKNOTE - Lester Zuberan 6/28
STATED Tumors on Turtles are very
BAD now. 1970's is when he first
started noticing them in Kaneohe Bay.

CONCLUSIONS: - Turtles with tumors
were held by Waikiki Aquarium
After at least 1954.
- NO evidence of hawksbills
with tumors
- Questionable by Tinker if
Cutress did any necropsies.

Need - HE ^{KNOWS NOTHING!} Check w/ Jack RANDALL
• check Zool. Dept. for years
Cutress was here.
(List of 'thesis'?)
- Call Cutress
Tel. -

BALAZS

7/91 - 3/92

BALAZS