

G. H. BALAZS

BALAZS - DAILY LOG 17/18/77 - 1/22/79

Selected entries

G. BALAZS

S. Riggs hawkbill . . . 12/20/77

J. Naughton friend . . . 1/1/78

NOSC mortalities . . . 2/13/78

Howard Take . . . 4/13/78

KATOO CAVE . . . 6/23/78

Big Is. Hawk to Aquarium . . . 7/6/78

2 Hawks released at Kawajaleim . . . 7/6/78

7/9/78 . . . Aerial

A. Howard nesting reports . . . 8/10/78

ESA LISTING COMMENTS . . . 8/78

SLP MEASUREMENTS . . . 11/16/78

AERIAL . . . 11/26/78

AMARAL MORTALITY . . . 12/11/78

Bikar Report from Puleloa . . . 1/3/79

VERNON

ROYAL

K. WRIGHT / FG MEETING . . . 1/17/79

COMPOSITION BOOK . . . 9 1/2 IN. x 7 1/2 IN.

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VERNON ROYAL, INC. Elizabeth, N. J. 07208

3/20/78 A.L. Howard
visit to HIMB
p. 23



KAM
KANEOTE Bay
Surveys

New Net test at Kawelo side =

p. 50
+ p. 70
p. 77
p. 62
p. 64-65, 7/6/78

AERIAL 7/9/78
+ p.105

→ 8/13/78 - kawelo site dive p. 77

DECEMBER 16

2

From Fish and Game
Turtle
A

(S) $14 \frac{5}{8} \times 12 \frac{5}{8}$

(C) $15 \frac{1}{4} \times 14 \frac{3}{8}$

Head $2 \frac{3}{8}$

PL: $11 \frac{5}{8}$

TAIL: $2 \frac{3}{4}$

Weight: $16 \frac{1}{2}$ lbs

+ bruise/hole on 2nd marginal left

Turtle
B

(S) $17 \frac{3}{4} \times 14 \frac{1}{8}$

(C) $18 \frac{3}{4} \times 16 \frac{1}{2}$

Head $2 \frac{3}{4}$

PL: $14 \frac{3}{8}$

TAIL: too dehydrated

Weight: 23 lbs - Dehydrated

+ hole in right 2nd ~~Central~~ Lateral

bruise area between 3-4 pleura on left

Turtle nets

12/18/77
Sunday

BELLOWS - Rockgroin - stream one - 1 nylon, 2 cotton sections put in water at $5:45^{pm}$ low tide

coming up ^{Strong gusty wind} ^{Trade S's} - strong current running toward Waimanalo Beach. Partly cloudy

at sunset - moon out, half full. Radio says temperatures upper 60's to lower 80's

N-NE swells 7' diminish tonight.

Net out at 9:30 AM - nothing but

one Man-o-war. First light about 6:15-6:30. Estimate only approximately

10 Man-o-war per 100 yards of beach - 10 mussels seen.

TOTAL HOURS -

15 hrs.

45 min.

Seawater
23°C

MONDAY
12/12/77 Call from Wayne King concerning job in D.C.
EGC also said Stanley finally got there - Wayne had disagreement with Nic back in June - wrote letter of apology - Nic worried about this study opportunities in Suriname - due to turtle issue.

Nixon Griffin - trustee of NY ZS will be passing through at end of month. Interested in Palau

12/12 Interview with Vic Liptman - doing article for Honolulu Magazine - 536-3084 - on Endangered Species.

12/12 Call from Melina Harris - ^{L. Taylor} Also got calls
Hawaii Society about 955-5122 - Kahala

12/13 Tim Smith ^{SWFC} ^{Tuba} ^{Porpoise} NMFS → MMC (3 members)
^{NMFS} ^{MMD} → Scientific Commission 12 members

12/13 Gave talk to Bishop Museum - ^{EMORY ROSENDAHL} ^{SONOTO ECT present}
^{people} John Naughton invited - subsequent letter to Emory with cc's

12/15 Call from David Shaver - Doctoral student in Philosophy - about friend of wife who wants to do Masters on turtles. Told him to have her write a letter.

12/13 Radio report of 1000 sharks (all turtles) feeding on garbage - Uaivae / No Shore?

12/16 Call from Gasmine SLP concerning issue who made complaint about Kahala.

Weight of intestine tissue w/out contents:

12/16/77 [length of intestines from end of intestine to top of stomach. 15 feet + 6 inches (end of cut to cloaca)]

1 ft length from exit of second stomach to beginning of first stomach

Weight of ^{stomach}intestines: 1383.0 gms. (total)

a) upper left within the muscle tissue - bloody tissue from injury

b) length of small intest: 6 feet 8"

c) a tightness, or constriction between sections of intestines

d) severed large intestine: 4 1/2 feet from end contents (in vial # 5)

e) stomach saved

f) shell weight: 1014.0 gm

6' 8"

4' 6"

12' 2"

1 1/2' 10' 6" 14'

1'

6' 8"

4' 6"

12' 2"

3' 4'

4' 6"

10' 10"

12/18/77 A. Kam reports that Leonard TORRICE ~~lays~~ ^{for AWA} gill nets near Hanakahou, Big Island, catches small turtles. Net parallel to shore.

Pai'ai - hit the water - apparently not overnight. Turtles bounce off net. They throw over net to other side.

Also reports that Aunt used to look for eggs with a stick on this beach.

12/18/77 Student Gary W working for Wayne Baldwin has turtle nets, used to lay by Twin Islands ^{LANIKAI} - catch small - never drown any. Also dive at night - no moon, calm weather they are sleeping. Reports there are fewer turtles now. Also gentled channel near Swanzy Beach Park, Punaluu, ~~the~~ where turtles can be caught with net, shallow, set from tube.

Backnote -> India imports stopped selling Cayman jewelry in Sept 1977 Saleswoman said it was "illegal".

12/27 Talked to Ron Antinaja ⁵³⁷⁻²⁰⁴² about Dr. Herman's turtles. (Get turtle report forms)

12/27 Doty - try growing some algae after passing through turtle - "Codium bursa tough wall"

12/25/77 Report from Shallenberger that beach was eroded at SLP but ramp made larger during this last cleaning. Also that SLP catches Tigers while porpoise collecting -

12/28 Talked to Harris Melmai - Humane Society.

12/20/77 CORAL COVE by Ilikai has large green shell for sale - Also Shell World Hawaii, Waikiki, McInerney has 12 juvenile green shells - \$90-130.00

12/20/77 Interview with Sunim Riggs 5/4
Nowela Place, Kailua - Found hatchling
Sept-Oct 75; They used to live on Hualani
Street, she walked beach often - looked for
060. Kappa St - Duve Cul - Kalakast -
she found hatchling at top of high
tile walk - 1' orange - at first
thought dead - brought home - put in
fresh water pond - died after a few days -
Walked beaches many times - never
saw turtle before.

12/24 Note Cast turtle shell lamp "Arthur
Court, SF - Taiwan" - at Ward
Warehouse shop.

12/27/77 John Dean visited lab.

12/29/77 Talked to Boy Scouts brought out
by Ric Grigg.

12/28
FROM
ROSS
at
Herick
But what about WILD chickens - it doesn't matter - same principle 1/2/77
ROSS says
When a hen lays, determined by
25 ^{hours} after ovulates, she lays -
regardless

12/31/77 Dave Glenister? informed me that his friend
recent from California ate at Provd Peapock with
steak supposedly imported - liked steak,
now wants to catch his own - inquired about REGS.
59-864 Kam Hwy
TEL 638-8668

TEL. 677-
3671

94-1126 HUAKAIST. 7
-96797

1/2/78

Gary-Linda Means in town - friend
TOM COLEMAN lived 9 years on Wake Is.
1964-1973. Population went from 1800 to 2000,
comprising approx. 300 families. Estimated about
20% of hats had ^(25" turtle) large shells for
decoration - sometimes engraved/painted
outline of Wake. Prized item like glass
balls always took them, however, some may
have been brought with them to Wake from
other areas, i.e., KAUAI. The new
Roland Almaraz. Gary once witnessed
turtle being killed & meat would be eaten,
but prized item was shell. Tom has
photo of Wake - Fireman's office near
Harry Edwards at Wheeler - he will
loan any to me. Wife - Ellen.

12/29-'73 ^{Koolie} Reports of large concentrations of jellyfish
(Manowai) at Hanauma Bay off Waikiki -
Several people stung. Also again several days
later at Kuhio Beach - LIFE GUARD → IVAN HEATH

1/3/77 Clifford Lee called from Hilo

Research and Development → 961-8371

1/4

I called him - wanted to know about
turtles in ponds grow them. Also
mentioned the name Howard Takata.

1/4/77

Called Wirtz at (714) 626-8511
Bob Fleet may have tagged B26
(CONT)

1/4/78 WIRTZ (CONT.) He started in project 1962 -
 Feeder at Kure - sent in Bi-MONTHLY
 Reports for Pacific Project. also has
 7 notebooks of Data. Feels certain
 turtle was tagged at Kure. For
 seals they were using Rototags -
 Has manuscript - "but Karl squelched
 it". Karl didn't like any data
 that suggested seals were doing
 well. Bob DeFoy recently called
 him and he sent him a copy of
 manuscript.

12/27/77 Mae - with Jim VanSant - told me
 about Leatherback at CORDOVA MUSEUM
 (99574 zip) Caught in gill net by
 → GLEN LANKARD
 Box 532, CORDOVA

Cordova
 Newspaper

also - Pierre Bowman of Kapaau
 used to organize shark hunts -
 lost one in 1972.

1/5/78 Showed slides to Whitlow
 discussed Bibliography. Attended
Cronwell precrise meeting at NMFS
 Lab.

1/4/78 Telephone call collect from Peter Cornally.
 Bobby Amoral caught a turtle by hand 35" no permit
 Asked Ron to TAG it and release - Big turtle previously reported
 was ~ 40" shell. CORNALLY HAS SEEN 2 Rotten turtles on Beach

JAN. 7, 1978

KANSAS BAT TORTISE (found by Vince and Sue)

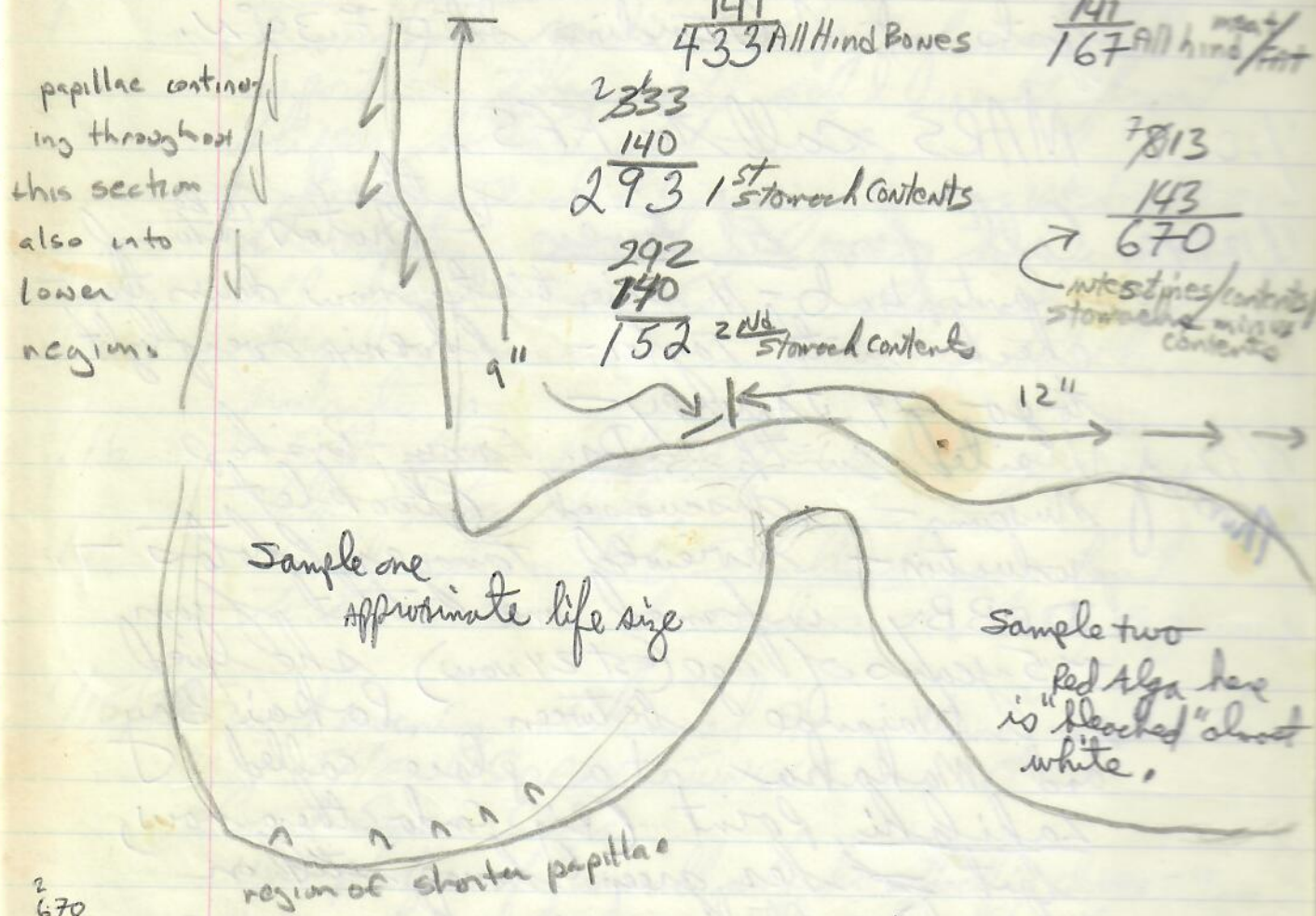
Total length of intestines 18 feet
Lots of FAT in hind section

of stomach

574	2308
141	
<u>433</u>	All Hind Bones
2333	
140	
<u>293</u>	1 st stomach contents
292	
140	
<u>152</u>	2 nd stomach contents

141	7813
<u>167</u>	All hind ^{meat} fat
	143
	<u>670</u>

intestines/contents
stomach/contents



Sample one
approximate life size

Sample two
Red Alga here
is "bleached" almost
white.

region of shorter papillae

2
670
293
152
<u>1115</u>

7816	641
138	141
<u>348</u>	500 head/neck
Left Front bones	138
603 LEFT Front Flesh	

477	785
141	142
<u>336</u>	643 Right Front Flesh
Right Front bones	

10 Sunday

1/8/78 Called Kure 625, spoke to Mr. Bailey - strong winds, but nice weather.

1/10/78 Informed by Barber's Point that C-130 not going tomorrow due to search efforts at Indian Ship $\approx 30^{\circ}N$.

1/10 MARS call to FFS.

1/12/78 Call from Ed Ewen ^{Turtles} Photos ^{to be} returned
Gunter Lab - 11 scientists row down there - check with Taylor - Phoenix overflight to go 29 JANUARY -

1/12 Thursday Visited with Dr. Ewen - Bishop Museum - discussed booklet production - reviewed Tanager photos - DEBBY informed me that from ~5 years of age (est 24 now) she lived in Waijape between Pokai Bay and Makaha at a place called Lahilahi point (big condo there now, but her green house still on beach) offshore area known as Turtle Bay or Turtle Cove. Her brother dives - has been to Turtle Row in Kailua Bay - familiar with name.

Ric Masroul

Dive club meeting

Frs + Mon. April

Waikiki

Kapahulu hiking - 7:45

Ric Masroul 45-1 hour

1/16/78 MARS call to Midway / Gary Means.

1/16 Jim Harris, FFS, MARS colleague -
I will be receiving copy of wildlife
report - they saw seal with front
flippers bitten off - W-S.

1/16 Buoy Tender coming in ~ Wed-Thurs-
thereafter something every two weeks.
Call from ^{Bob} Iversen - request from
Miami concerning imports of turtle
products

1/16 Call from Fred Ball - about giving
talk to club.

1/16 Call from Rob Shallenberger about
turtle research needs - Army Engineers

1/15/78 Sund evening - Channel 9 Nemoy-moderator
THE CORAL JUNGLE

Coral Seas Cays

UW photos of small sharks attacking diver - 9 sec.

UW ploggerhead or ridley female - barnacles
on head - feeding on bottom -

Kato/Kido Island lagoon? Jan. Mating greens -
Hatchlings - helpless creatures - 25%
survive to beach - hatchling shown

diving - UW shots of Grouper prey -

hatchlings to sea during daytime

Kido (?) has automated weather station -
many birds, gannets, sootys (nest
incubation)
(cont.)

send copy to Limpus

1/15/78 CONTINUED

sea gulls, noddies,
TO WRECK REEF "60 miles to the North"
600 miles from Sidney. Cannon balls from
wrecks.

Ghost crabs eating/grobbing hatchlings - not
greens - sidleys? Or loggerheads? Green
TO LIZARD Island (appears volcanic) Capt. Cook
Lush, small rain forest → saw greens laying
in very shallow water - turned over hard
by Limpus and Peter OGILVE. Weight given
Jas 175kg (385lbs) - [Reese says perman-
ent facility on LIZARD - knows caretaker;

TO RAINE Island - has even "more
hazards" - 400 turtles resting in one
evening. Natural death trap - turtles fall
upside down - some wedge between rock -
→ "680 found (corpses) - because disoriented and
died in the sun; previously mined guano
on this island; turtles become trapped
under coral edges, can't reverse;
126°F in the sun - [unfair according to
Whitton]; believe I saw green loggerhead
upside down; observe tag being
applied in same way out towards end
of flipper; Raine stated to be biggest
nesting site in world - 14,000 per night -
produces 100,000,000 hatchling season/year.
Cut open shark and found many
hatchlings. Nature plays cruel trick -
storm during day - hard rain shower -

(cont)

1/15/78

hatchlings come out in day - sharks presumably know and come to eat hatchlings.

Photos by Ben Cross - also Eva Cross producer -> Richard Ferrin

1/16

Ms. Audrey Ashton - Group W. Productions
310 Parkway Drive, Pitt Pennsylvania 15205

Turtle Row - as per Chris K.C. - near Mokolea Rock - Kailua Bay.

1/17

Called Kurt during evening -

From Naftel through ~~the~~ Dave ^{charter boat} ~~Naftel~~ ^{Naftel} - ^{First Insurance}
Photo: Monk seal seen 3 days in a row on the West beach of Mokolea - banded out

1/1/78

Called ^{MARS} Means at Midway about Smith/Buddemeis arrival

1/1/78

Called Joe at Cornell

1/1/78

Talked to John Naughton - he indicated that had been diving last month with friends/regulars off Kipapa Island - well outside waves - ledges exist - like off a pound Island - his friend had permit, and speared adult male in the head - killed, brought back in boat to his house in Kailua/Sanikai.

1/1/78

Talked to K. Wright - Dillon just retired - Shapiro trial will be FEBRUARY 22. (Vietnamese insert)

- 1/1/78 Hawaiian wet suits - Kona St.
949-4996
- 2/3/78 Talked to Patricia Kellogg
at National Geographic
202-857-7227
- 2/4/78
Saturday SCUBA with Alan Kam a long
drop-off outside of Kifapa Island -
Drop starts ~ 70 goes to ~ 95.
Followed for ~ 30 minutes - saw holes,
overhangs, but no turtles seen.
Proceeded to "Sand Treas" on the
other side of Chirawan's Hat, as
per information from Dick Brock.
Silty water - some surge, lots of
overhangs in 15-25' water - no
turtles seen.
- 2/6/78 DIVE
Monday One SCUBA on 90' ledge -
covered ~ 200-300 yards Chirawan's
Hat side of BOILER - no turtles
seen, but some habitat present.
- 2/7/78 Tim Harris called from FFS -
Noted that waves keep away
South Corner of island -
they moved seals that was buried;
Tim recent trip while out
fishing that spotted a number of 6-8"?

turtles - ²⁰⁰ 1 turtle 18" washed over seal - returned to ocean by CG man. Check FFS gray book for more extensive information.

BACKNOTE: "Bad Smelling Bird" - from Lee Motteler - Kawai place name misspelled

2/8/78 9AM calendar presentations to Dillingham

2/9/78 In last few day, walk seal pup (black) was dissected at Wauiki Aquarium - Johnson's - Whittow and vet present. Friday has a sick eye.

2/9 Sent Security Forms to Commander, 3rd Fleet, Pearl Harbor, Hawaii 96860 - N-11 (Mrs. Lorders)

TEL. 472-8622

2/9/78 Dead Cow photo appeared in S-B

2/9/78 From Coleman - FWS Birdman - CRAIG HARRISON

2/10/78 Talk to Friends of the Aquarium 7:30 PM. (Necker?)

Samy Smith

after talk - I talked to John Lambert - laid lobster nets in Kaula Bay - killed 2 turtles in last year - let 2 others go. also Betie Lee a lotter older lady. Met Mike De... and A.R. Mic Stewardess - Sue Hendricks Box 8778 TAMUNING, GUAM (PHONE #)

(Cont.) meat being served in Porope (and other TT locations) -
 Kim Wright knows about this.

2/11/78 ^{w/KAM} Dive 90' closer to Sangan Pany
 Sat. channel as per Naughton Instructions.
 Saw two turtles on surface - 1 medium; 1 very small.
 More fish and overhang along this section of ledge. Some white sand along bottom. In one sand
 cave, observed large female - resting, but moved off as we approached.

2/13/78 E. WIZUKA 548-5895
 Mon Call from R. ANISUKA concerning letter FG received from Naval Ocean System Center - (13) turtles they had been experimenting with died - heating system failed.
 (some) Wanted to know if we want. obtained from Hawaii by collecting permit in (1975) - through eithergaard or Cooper on BIG Island. NOSC, experiment run by PORTER → chemographer

2/14/78 Another call - reports that
 Tues (14) were taken by permit - 100lbs or over.

2/14 Call from Kure - Mr. Bailey - Bill Myerson MARS - They have what is believed to be a golden eagle or hawk

2/14 on the island - peating 2-3 geese a day. Asked me to contact Ron Walker to see what they should do.

2/14 Tuesday

Call to Lee Mottler -

He found information on vessel AINOA (means to eat without observance of tabu) - NO Hawaiian word ("AIONA"). They have card file on ships at Bishop museum - Found on a card - 1824 - Don Francisco ^{de Paub} journal calls it HAYNA. Marine Journal - in original at Archives (Miss ^{Agnes} Colrod) pages 83-88. Check for log and hand written journal. Jan-Feb (in major) and December (in major) - ∴ Feb - December 1824 in Leeward(?) p285 → ROSS EAST Biography

Archives - 548-2355 obtained and Xeroxed certain sections UH Press pub.

Lee ^{Mottler} also told me of a Rick ROBERS - Wainaralo part time resident 259-5339. owns Sandwich Islands Shipwreck Museum in KONA - Saw huge turtles off Milohii sleeping in a cave.

2/15/78

S. Point - Kailua/Kona side anchored along coastline - over 6 turtles ^{25-35 lbs} concentration 10' deep - right outside surf zone. Kāu coast drops off very fast - - Humpbacks need Bank-

GET EXACT SPOT ON CHART

3/6

I called Karen Jarol - she "mentored" progress report - "no set form", but not 10 pages - due as soon as possible - also another call from "Pat" - would site visit during first two wks of June be o.k. with me?

Schallenberg
called
2/26/78
12:15 PM
date?

BACKNOTE from Lin - "Vet McKenney found loggerhead off of Penguin Bank's row at SLP alive and feasting, minus flipper and tail - a little thin. Turtle kept trying to climb into fishing boat, so they finally hauled it up"

tel. no.

During my recent trip, one turtle was transferred to Whitton, two to NMFS Kaula lab from Lou Herman

3/8/78
Wed

Loggerhead

visited Sea Life Park to see Loggerhead - in round circular holding tank in the back of reef tank. Reported that - turtle tried to crawl in boat. Turtle lifts head out of water and readily accepted Fish/Squid; turtle wounds were covered w/ worm parasites (looked like inch-worms - treated w/ large doses of copper sulfate - I'd worried about this water getting contaminated

3/8/78

as it flows into main turtle pool.
 No parasites saved. Two barnacles on
 carapace - one fell off - I have the other
 one. (w/ some algae attached). Appearance
 of turtle - "Looks reasonably healthy,
 but with right front limb off,
 at humerus - ^{bell} joint, ^{head} still present.
 Small tail missing, but no or little
 associated injury to hindquarters.
 Right jaw has injury that may
 have been caused by hook.
 Size - estimate about 125 lbs / 27" C.L.
 Analyses → Injuries may not have
 been from shark attack; consider
 that this was a captive release
 (Mainland?)

3/8/78
Wed

MARS to Kure - Chief Tom Atwood
 concerning Rauzon pending visit.
 MARS to Linda Meads, confirming
 reservations at Hotel for 18-24 March.

Backnote from Lin taken during my
 absence:

Don Harrison 531-7969
 Design Resource has a decorative
 turtle/real shell on it (small).
Kathrine and Edmee 595-7127
 Alewa Habitat

3/8/78 Called Walker about eagle and seal.

web

3/9/78

Picked up Kam at Cromwell.

Talked by telephone to -

Naughton

- Altonn

- Taylor (L.)

- Naftel, concerning Kaula

observations where bombs were dropped on birds - photos by Rice, etc. -

Trip by Navy a few days ago - took K. Wright, Swedberg, Woodside -

No show in Press Brief. Skip noted issue will be brought up at Audubon ^{natural} meeting.

Talked to R. Walker - informed that Schallenberger ^{Seal} Seal.

Seabird Sanctuary regulations never yet got signed.

Heighton Taylor's direct telephone 923-5335

3/10/78

From K.C. - Berger will have a seabird class at the Waipiki Ag.

3/10

Visited Helen Altonn about Eagle/Seal

3/10

Call Design Resources ^{have stuffed turtle} 531-7969 after 11AM

Talked to Ric Coleman - Will have lunch on Tuesday 11:30 at Golden Crown

Friday

TITLE of Taylor/Naftel Report

Predation on the Hawaiian Monk Seal

() by large sharks

FINAL REPORT (DRAFT) MMC, FEB 1978

3/14/78 Had Chinese lunch w/ Copeman / Harrison -
 Indicated FWS situation is a mess -
 all money coming out of one pot - Harrison
 probably won't get all of \$37,000 for
 his research - mentioned possibility of
 jointly paying an assistant (Kam) to
 collect bird/turtle samples.
 Agreed with me that Laysan Finch
 (and others) should not be listed as
 "endangered".

old address

44-392-5 China St
 Kaneohe - 96744

2/15/78

JoAnn Broune

261-0841 EXT 166

→ 2/14

Lee Motter called about Canton Sawra EXT 166 postcard
 other - we went

2/15

Wed

Kam went to Bellows - collected
 71 pellets - did not note feeding
 turtles.

2/16

Talked to Rob Shallenberger -
 he is going to Nat. Audubon meeting
 Has knowledge of Laysan Finches -
 also Palilas shot by forest
 service for enzyme studies.

2/17

Friday

Visited Skiff on ER - talked to
DeLong on telephone.
 Talked to John Naughton - Scott
 Hamilton with Navy Environmental
 Assessment prepared by Navy -
 never distributed.

3/17/78
Friday

send letter
reminders
subseq
received
info report to
Schultz

Jancy Bray visited lab - has
been to Trinidad, Surinam -
supported for travel by Cayman
Turtle Farm - Gave her money easy -
through Jim Woods and Germany. Her
major professor is Bob Shoup. Said
that data should Surinam pop. declining
will send report to Schultz very soon.
Shoup will send me - ① Magnetfield
thesis ② Europium results
③ Reference to "distant" nesting
recovery. Apparently she is not
on good terms with Carr. Knows
Karen. Also visited Dizon and
Tim Smith while here.

3/18/78
Saturday

called B.P. Museum First -
Zhen Aquarium

BETTY
N.

Visit the house of Chas. H. Holt
49-074B Kam Hwy. He has
shell of turtle taken ^{recently} by sampans
HELEN F. - Togan crew. They set
long lines for Shi - turtle was found
tangled in line - about 1/2 way to
Kawai - nothing saved except shell and
meat - shell given to Holt. Shell is
heavily pigmented, appears steep sided -
some posterior taper - appears like
photo of man by shell in Tinker "Animals
of Hawaii" book. Measurements
C - 36 1/2 x 34 1/4. Holt got some of
meat - sliced thin at Pacific Club - he

3/18 cont fried it in wine sauce "very tough" -
gave the rest to George and Jane Thomas
of Milii Pond. Holt will try to
find out ① Depth of line ② length of tail.
I mailed him BiCons papers.

P.O. Box 3020, Honolulu 96802 TEL 531-831

3/18/78 Call from Weaver - School Teacher at
Midway - Means now won't be in until
21st - Report Gooney's dying - Dissection
Tuesday at FWS. 3/20 Report from Skip that
Brent is bringing in disease man from FWS lab
in Wisconsin. Will fly to Midway 3/21/78

3/20/78
Monday - Mr. Howard visited C.I. today - I
picked him up at mother's house
1618 Houghtaling - side street is
Ahi Ahi - been there 22 years.
Informed that some Fb agents
actually came to Kure last year.
Also that poaching ^{INTERTHE BAY} seems to have
stopped since I left in January.
At - my went for water in Poole
Bay - he showed me where they used
to cruise to harpoon turtles.
Follow Sand Is. reef edge, to
past last sharp point - at this
area there are some Sand Caves
Channels, also reef patches that
wave come over, along side of which

3/20 are deeper spots/ledges - reported
 Monday to have stipples of deeper ~~side~~ along side.
 Howard He hunted turtles in this area
 in late 1940's early 1950's. Man by
 the name of TAM was very good with
 harpoon. Howard never saved shells.
 Also, going from this area toward
 land, (a red and a green concrete piling
 marker for main channel are in and
 closer), there are several more
 reef that we drifted over. Saw
 a total of 5 turtles - a few we
 got fairly close to with boat before
 they responded and dove rapidly - All
 small, perhaps one 75 lb maximum.
 Got ideas about setting nets.
 Howard also told that turtle
 meat cones (from same turtle) in
light and dark. He considered meat
 closest to plastron as the best.
 Also that in cleaning/meat preparation,
 you must remove different segments
 (muscles) from one another - get rid
 of white ligaments/connective tissue(?).

3/21
 Tues.

Brent - Assistant on Dr. Fryer
 went to Midway - Gary reports
 1500-2000 afflicted - flisters
 killed 24 sent back in ice.
 Gary reports Eagle at end of
 runway this morning.

cutoff TMR -

3/21

— let two of Hermon's turtles go today
from Easy Rider.

3/23/78
Thursday

Between ~ 11:30^{AM} 1:15 PM, motored
around Kareoke Bay with Gary, Lynda,
Alan in search of turtles - calm
seas - sunny. Followed sand IS. reef edge
as per Howard - saw one small juveniles
on surface just before "pand gap." It dove
quickly - Patrolled sand reef areas as
with Howard - This is in areas
of piling (red, green) numbered 10 and
11. Also motored in Chiraman's
Hot direction to piling 8 and 9
(post that is a piling with a "gorge
marker" on top). Unsure which
areas I saw in Wini's Cessna aerial
survey. No other turtles seen.

3/28/78
Tuesday

Call (MARS) from Tim Harris -
CO XO went out today -
Lancaster and Harris will be in
on March 31st (Friday)
Seal on sand spit marked with a tire -
Seal/shark encounter seen by Robert Caliver
and Cook - will give report.
Also, different looking tropicbird on island.

3/28

Call Capt. Nystedt's office about kahala

3/29 Allison Chun - Junior at Kalani
Thurs. came to lab to talk about
project with Whitton - collect algae

3/29

Aunt Joyce ^{cousin} Joe visited at lab

3/29

note - have team collect algae
feces - put in water table -
Have Russel check viability.
Call lobster man!

3/30/78

SATURDAY

Had dinner with Harris, Lancaster,
Whitton, Christina out bin and
Mama's Mexican Kitchen

Chuck Lancaster

US Naval PG SCOL

SMC # 2328

Monterey, CA 93940

T.H. HARRIS

USCG Group

Woods Hole, MA 02543

IN July

4/3

Talked to HAWAII DIVERS

4/3/78

Call Peter VanRoyen ^{Kapalulu Library} - Bishop Museum
and Mr. Wirawan - 737-1091 and
948-8657 - concerning Indonesian words

3/3/78

Saw a TV report about HAWAII
BOUND - kids hiking on Big Island -
mention of KIHOLEO TEL. 946-6502

Report
Kama

Hawaii Bound
825 Keapooku, Honolulu-96814
Tried to talk to Mr. Hale
and Bio. Cons. article

Anchor Robert
HIND

4/3/78 Building 202 → ^{call from} Harry Edwards 9:30 am
- APPROV appointment

Advised of IUCN Turtle Meeting in
TORONTO on 3/9/78

4/8/78

AIAN
KAMA

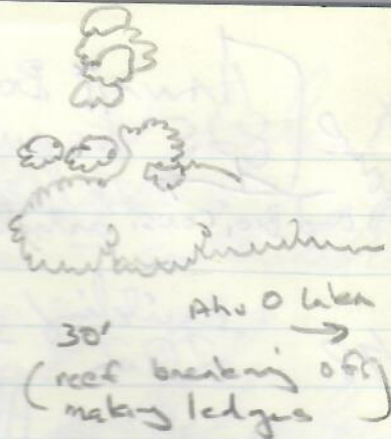
① A survey of a patch reef about SE of Coconut Island. Depth of top of rise: 10' with edges dropping to about 15-20'. Bottom is sed-ment covered with individual coral heads rising 1-2 feet off the bottom. 60-70% of bottom covered with bubble algae, visibility moderate 10-20 feet. No deep ledges or caves for turtles to hide in, the edges of the reef slopes down rather than falling away quickly. A SCUBA survey of area would reveal more information. ② Motored to the northern part of bay where Mr. Howard showed us the spots he used to catch turtles. Quite a number of boats on Aho O Laka, spinnaker sailing and picnicking on the sand bar. (about 9 pm boat-waterskiing and 7 sailing ships either beached or within 100' of island) I traveled along the reef to the turtle spots, no turtles were sighted. Anchored boat in first spot. Water is about

4/8 kam Cont.
6 feet deep.



6' deep
sand
bottom

Kahaloo
↓



Note:

4/10/78 Sept 76 - first contacted Sgt. Edwards
(~18 months ago)
Oct 76 - started spotting
→ As of Dec - 144 reports

4/10/78 ^{22nd Tactical Air Support Squadron} ⁶⁵⁵⁻¹⁸⁵⁵ Harry Edwards / Capt Guin
Monday concerning aerial spotting project -
news article for AF paper - Falcon -
photos taken; talked to Davis
over phone concerning "large" turtles
seen on N. Shore (periodically).

4/12/78 Shonua first contacted me about Wash. meeting
4/12/78 Talked to Connie SOFIO

Wednesday
2320 University Ave.
Honolulu - 96822
946-3532

about paper on turtles for Hawaii
Natural History Class (KINZIE)

4/12 TALKED TO SEA LANCER ^{300 members}
- Bev - ^{since} Navy decompression ¹⁹⁵⁶

4/13/78

4/13

4/13/78

Thursday

TIME 0915-1345

4/13/78 Dallas Grady called -
 from - 546-2138; 546-5526
 is now on Kawai w/D.O.H.
 going to Kure 17-19th. C-139 to
 collect parasites - going with T. Buef.
 His address - P.O. Box 3131 Lihue,
 96766; Health no. - 245-4323.
 sent sighting forms -

4/13 Chris Yamashita visited lab about
 seal slides - L. Taylor now in
 Bahamas. - *MARSHALL IS. Turtle
 recently transferred to SCP reef tank - Chris
 took measurement - will work in tank.

4/13/78
 Thursday to survey Howard's two spots for turtles.

Trade winds are moderate and sky a bit
 cloudy, no white caps though very few
 boats on the Bay. Anchor at first spot (A)
 scope along bottom toward Aho Laka. Depth
 at bottom 30'. Very silty, visibility margin-
 al. A lot of broken porites that has
 fallen into the channel creating many
 ledges and holes. No caves formed but
 many shallow depressions lined with sand, silt
 and broken rubble, sort of similar to Hanalei
 Bay's "Turtle reef". No turtles sighted. Moved
 to second spot (B) two sand channels that
head out to open ocean. On reef (5-6' deep)
 found the algae - Podium. Hard bottom. The
 algae grows quite well, and ~~easy~~ easy to locate

TIME 0915-1345

ATAV KAWA

see chart in
 KAM file

4/13/78

Thursday

Spent about 20 minutes praking $\frac{1}{3}$ of a bag to feed turtles. Later motored and drifted in the area to try to spot any turtles. No luck. Back to Coconut Is. 1345. Fed Codium to captive turtles - some ate it readily - others ignored.

4/13/78 During evening I called A. Howard - said that 3 days ago he told $(38\frac{1}{4})$ " turtle with pole at Turtle Bay. Said that Bay was loaded with turtles - Butchered out turtle at Bay.

4/14/78

FRIDAY

Richard
 Roe
 - NMFS

Meeting at NMFS - debrief Cromwell - talked to Shomura about Washington trip. Talked to Naughton/Iversen. Naughton saw concentrated hawk nestling on one of the Palau Islands in 1967.

Iversen caught small turtle recently off of Paiho lagoon - when released it went right back to same hole - this was just outside breakers -

4/14

Rick Coleman reports Monk Seal has been hauling up at beach of Kilawa.

4/14/78 Iversen reports that SLP has
Friday permit to get young albatross for park

4/14/78 talked to Kimberly late afternoon
about above case and hauls -

Back-
note

Don Csted mentioned that Cromwell
took turtles in TT

4/18/78 Call John Clark called

Tuesday 262-7393-320

sent info 4/18

KAIMAKE LOOP

KAILUA. 96734

Beaches of Oahu -

now writing book on
Maui - Moa Kai - Lanai - Kahoolawe

He has some nesting info -

I told him about Polihua - LANAI
1900-1920 Kapiki / (1954) lost nest.

4/17
Monday

Audypor meeting -

Talked to Mrs. Pyle -

about Bishop Museum exhibit.

"Artificial Curiosities" - I should
go see it.

→ SPENCER TINKER has called
me twice in recent weeks

4/18/78 Tuesday Returned a call to NAVAL OCEANS SYSTEMS CENTER (714) 225-7839 from Bill Lowell - who works on Chemoreption Project - leader (biologist?) is BILL FLANAGAN - turtles weigh 75-100kg each. I need to know source.

call again -
Hard?

[Also, I should write a letter requesting notification if more permits are received for export.

Jack Anderson
1401 16th Street, N.W.
Washington, D.C.

4/19 Wednesday Talked to Jim May - John Howard Association 537-2917
200 N. Vineyard
Room 102
Honolulu, HI 96812

Midway new
article

Midway photo -

~~frackson~~ here ~ year -
Sailed from Atlantic around
S. America to Hawaii

MONDAY

APRIL 17, 1978

ft.

KAM

SURVEY

TIME
1000 - 1400

High tide 1305 (+1.0) While enroute to survey area noticed about 20 people on Aho O Lake Is. with tents and about three power boats - they were water skiing. Made a drifting survey in area to see if good observation might reveal any turtles - no luck. One boat driving nearby above the reef flat headed toward ^{see chart} Chumamun's Hat. Began snorkeling in Area ⑥ 1200 and at 1250 I found a swimming turtle. Water, cloudy below the first 3 feet of surface water making it difficult to really observe turtle. Turtle: about 25" carapace, dark shell, calcareous algae (white) growing on carapace - looks like along ~~the~~ between the plates. Depth of water 10', coral growing. Porites compressa dominant. Turtle swam off to deeper channel water, I never got closer than 15-20 feet of turtle. 1330 return to boat, another boat is about ^{1000 yds} ~~2000 yds~~ from me, looks like SCUBA divers. Area is deep enough for a boat to cross over the reef

TUESDAY

APRIL 18, 1978

KAM

SURVEY


0945 - 1500

High tide (1400) previous low (0700) 0945 lo. Coconut to Area ⑥ Anchored over coral rubble more toward Mokolii Is, in water about 8' deep. Followed the edge of the reef (10' out of water) toward Coconut Is. 1050 see a turtle but before I ^{was} able to get any closer, the turtle

April 18,
1978
Tuesday

swam away. Turtle: ^{she} ~~the~~ profile of its head seemed like its eyes were unusually bulging.



It possessed a wide heart-shaped carapace most probably  from algae or sediment.

Finished looking on tops of reefs for any other turtles, but no luck. Left the water at about 1140, had lunch and then at

1215 began some drift surveys over the flats and then over the reef edge.

By drifting over the reef, the quietness of the boat might allow me to sneak upon a sleeping turtle. No large caves or deep depressions on the bottom. Dominant coral

Porites compressa or finger coral whose reef edge constantly broke away creating

small ledges and pockets. Explore the reef by Area ② toward Mokolii Is. ^{perpendicular} to the reef (that wash w/ a

metal ~~rod~~ pipe sticking ^{breakers} up) No turtles, but I found better hiding spots for turtle - deeper

ledges, sand bottoms, more porites lobata head. Snorkeled in this area.

Tide is rising and it is getting more difficult to see the edges of the ~~reef~~ reef, water is deeper and getting cloudier. Looks like rain, so therefore starting back to Coconut Island.

4/19
WED.
Kaneohe
Bay

Hand-drawn
charts
chart
file

Director
NMF
SE
Reg

4/20
Stevenson

study group
loggers

4/21/78

4/19/78
WED.
Kaneohe
Bay

SCUBA w/KAM - depart ~ 10 AM to
Sampan Channel - out to 60-90' drop
out to left of entrance buoy -
kona wind - cloudy sky. Anchored almost on
edge - proceeded to North along ledge.
Noted ^{white} sandy depressions w/ sand bottom -
Saw a total of 3 turtles - 2 came
out of holes before we saw them -
one I saw first resting before it
started out. Estimate two turtles
25-28" shell length; one ~ 32". Set
orange markers at end of dive. I
believe this is almost same area
where we eyed last SCUBA in area,
coming from the North.
on the way in, noted ~ 23" turtle on surface,
got close, Kam jumped, but no capture.

Director
NMFS
SE
Regional

4/20/78 tried to call John Lambert 521-9536
Stevenson Xerox corporation -

Sandy Cropp
hoggerhead
FIA
NMFS/USCG

Wayne King pushed to
import
70,000 skins
Richard Rol ^{unknown}
TO
W. King

Prudence ^{NMFS} Fox
2-3rd
Bilateral on
Marie Mammals

- Incidental
 - Texas
 - Florida
 - SC
 - Georgia
- Div. NMFS
Head of
FWS

26th - 27/29th slaughter
For Defenders
Tom Garrell reads
Hides/Mammals everything
Bob Goveall, NMFS

report ↓ send out his consulted
 for Mexico
 → John Hendrickson ←
 - confidential copy -
 of report
 (Carr - Nic - King) year ago (May)
 1977
 June - 11 IKS/Herps
 ↑
 SSC Earl Baysizes

3:15 PM Call from Wayne King - asked if
 ↓ I would be interested in attending
 preliminary meeting in Mexico concerning
 ridley tape - request for
 permit by US companies to import
 70,000 hides - try to say they
 were taken before CITES (1976)? -
 This meeting is in preparation for
 Big one which Carr wants to
 attend.
 Britchard is at Rancho Nuevo
 on Recovery Team for ridley.
 Fed. Reg. listing of proposed Critical Habitat
 for Loggerhead rookery at "Sandy Croix"
 leatherback

4/21/78
FRIDAY

Talked to Richard Roe in Washington
1st Draft for national plan

Roe wants
Carr to
go to
meeting

Backnote

as per Shomura Terry Highfield is
"encouraging" Dick Roe

SW needs research and
management

SE center / SE Regional Director

on NMFS - Mr. Shomura's line -
- see letter to me typed by TAMIO OTSU

early
matters
Visited with Reg Gooding and saw
PH - 7 baskets on Southeast
Island - 20 + 3 IW on North IS.
He is willing to loan these to me.

4/21 - Call from Rob Schallenberger - Cops -
about Kauai turtles - Carter
order of last year.

4/21 Talked to John Lambert
521-9536
He was in Hava during late
March - met an old Hawaiian man
(> 60) who works for National
Parks - had a 400 lb turtle in his
back yard - name "Kahaliwai"
Sometime had as many as 4 at a time

4/21

(Lambert)

srogs them with a hook and line - eats everything. to preserve meat, he smokes and dries. John saw lots of turtles while body surfing. Old Hawaiian ways still practiced in this area.

→ ALSO - John Lambert has friend Don Glen Kav. (?) commercial fisherman - has turtle license - lives in Haleiwa area

Saturday

4/22/78

Called Gary Howard 1-928-8156

ARNOLD

Howard out fishing. Turtle parts are buried -

Kauai

4/24

MONDAY

Maragoo 9 greens

called ^{2 1/2 carcasses} 2 hawks - "Protect Army"

4/24

Brent Giezentanner - Elephant Seal ^{seen} young - no message ^{on photos} - barack -

4/24

MARS to Gary Means Seal came on beach Tuesday - departed ~ Sat. same size - same wounds (wale?) goose neck barack

4/24/78 Monday Called Wayne King - (212) 220 5152
Marine Mammal Merican meeting
postponed. ∴ turtle toe - on postponed.
He will know more on Thursday.

4/24 Monday Skip called - 14 dead seals at
Laysan now - will have 18 day charter
DeLong, etc starting Friday -
will take pathologists
Johnsons report yellow jello in ventricles
of 3; outside of heart in one;
total paralysis 24 hours before death -
1/2 of 13 seals examined had full stomachs
- cephalopods and lobsters; no visible
outside signs. Wt loss 2 weeks before
death.

October BACKNOTE - TUAMOTU Turtle - others
17, 1977 - are on cards for this date -

Tog 2081 - (?)
wt. 23lbs
S - 17 1/8 x 14 1/8
C - 17 3/8 x 16 1/2
PL - 14 1/8
Head - 2 3/4 tail 3 1/4

25 Oct 78 Naftel report jets 500' over Nihoa -
Helicopters in area - RIMPAC
must call Bob Humphreys

4.5 April → Visited Keith (Norton?) and
 1978 partner Jenny on
 Tuesday Typhoon - will depart 8 May for
 albatross grounds. Last year they saw
 Balen whales - "sour fish" - etc.
 fishes - 70° - 72° F surface sea
 water; at 60' - 60° F.
 also saw lots of swordfish.
 What do albatross eat? some
 spewed up small shrimp. They were
 at just under 42° N, and between
 175° E - 176° E.

4/25 Mark Reed 239-8501

4/25 Jimmy ^{Sam} saw turtle article - Wildlife
 magazine - Dr. Bernard Block's office.

Bob Humphrey - 946-2181

4/27/78 2 large Navy ships - 2 choppers -
 Thurs. 7 fighters over Nihoa -
 Transport -

Nihoa not in sight yet - [Wednesday -
 10-11 AM] [arrive Nihoa about 3 PM]
 Maneuvers in general area - RIMPAC -

4/26
WED

EWT → 732-5587
TRAVEL LIDA

[DIAMOND HUT - 41
[Hyatt Regency (Cayman)

Net KANBOKE BAY
4 sections in water Sand Island reef -
6:00 PM → out 10:30 AM
16 1/2 hours total small turtle in
net nearly down 9:30 AM -
one juvenile SCUBA ~ 9 AM; one seen
surfacing by net ~ 7 AM.

4/27

about 30' seawater

THURS,

scuba-caught turtle
(S) 16 1/4 x 13
(C) 17 1/4 x 15 3/8
head 2 3/4
tail 2 5/8
PL 13
weight 22 1/2 lbs
Tag nos. #2491 LFL
 #2492 RFL
pH test : (7)

~~lots~~ Coralline ^{collected}
on carapace
2 stomach samples
(Codium)
1 "different" ^{laminar}
on carapace collected
many skin bounces
shoulder-neck area
"newgrowth" clean
lines on laminar

4/27

(S) 14 3/8 x 12 1/4
(C) 15 1/4 x 14 1/2
PL 11 5/8
head 2 1/2
tail 2 3/4
weight : 17 lbs.
Tag nos. #2493 LFL

^{collected}
lots of coralline on carapace
black
1 stomach sample - large
find, pH (6)
- many skin bounces
- 2 small barnacles of
carapace - collected
#2494 RFL

(low tide)

SCUBA w/KAM

4/28/78

FRIDAY

Scuba diving w/ G.B. at Spot 2 ^{yesterday} in Kaneohe Bay. ^{5:00-6:00} ~~11:00-1400~~. Anchored boat across from patch reef growing in channel. Initial survey toward the oaks, ls. until turning back at beginning of sand channel. Begin survey of area where the previous day revealed several turtles.

I found a turtle; Tag no. 2492 RFL in 20' of water, lying in a small depression of porites compressa. The turtle must have been sound asleep because I approached it head first; and was able to hold it down to the coral while getting a hold of one of its flippers. The turtle released several air bubbles from its mouth ^{as} and I swam to the surface. Repeated bubbles to the air tank did not summon G.B. Examining the turtle for ^{any} ~~and~~ thing new, I revealed the tag's number and released the turtle. The turtle swam to the bottom, and confusingly bumped into several coral branches before settling into a small porites overhang, head inwards. Resumed survey of the area. No further sightings of turtles.

4/28/78
FRIDAY

Lawrence aff.

4/29

Adventure
Feb 14, 78

4/28/78
FRIDAY

Talked to Hawaiian man previously mentioned
by Paul Jobiel (working on sewer system)
Mention - ① catches turtles by hand
and SCUBA ② Loves to eat them ③ Can
"sense" when turtles are in an area ④ Raised
at Hana, Maui but knows ~~Kaunapali~~
and WAIOHABAY? (beach) where he believes
turtles still lay eggs (they collect limu
there) ⑤ Hunts and catches turtles
on Lanai - also Kalafana ⑥ Turtles
eat LIPE'EPE'E Limu ⑦ Ledges by
turtle back - Pyramid Rock where turtles
rest ⑧ (Last month) he knows man with
18' skiff that catches 2-300/6 turtles
on Moloakai, ties them up and sells
to Hotels at Kalafana.

Lanania off.

4/29

- Contacted Mike Stark - Shark
Fisherman - 1822 McKinley St
- Honolulu 96822 - he used to catch
turtles off Moloakai before they
became an "endangered" species.
Fished for ^{short} long time but not
recovered turtles. Uses old
pier at Fort Ham - Irigoin's
House - sand drop off along side.
Written to Don Nelson - some attraction.
In stomachs he has found kuma-back
Squid. Uses chum - dried blood from ^{back} ~~back~~

Advertiser
Feb 14, 78

5-1-78
Monday

Athleen Clarke 948-6822 -
called about development of a
turtle lab. She is with
[University Laboratory School
Marine Education Curriculum Development

5/2 G. Knudsen found 2493-94 bloated-floating - see
other data book

5/2/78 Saw Dick James at NMFS

5/2 TUES SCUBA with Kam - Kaneohe Bay channel
again - 2:00 - 3:30 PM low tide -
very silty. Between us, saw three
total - all small - set out
orange marker float.

5/3 WED Peter Conrady visited Lab -
see Lawai book for notes.

5/3 Athleen Clarke visited Lab (see above)
She should return Defenders Magazine.

5/3/78 Dick James visited Lab -
Japanese man at Sato -
educated - check with Dahl about
"sea grapes", species I.D. Sato
deals in Toxoptera shell - there
is a size restriction on hawks - 30".
He has ~ 80 small hawks,

5/3/78
Wed. 8 greens in seawater enclosure.
Bags small ones so they don't get filled.
"Sea Grapes" reported to reduce carotene,
enhance color.

5/4/78 Send James info. on Sylvia Springer PMS.

Call from Pam Chry - Ahipuua
Study - Big IS. - MANUKA -
camped out June July - also
Aidy Baldwin - Saw only one
juvenile turtle - lots of
fresh water going into the ocean.
need to call Lisa Craft - Botany

5/5/78 Called Lekele about 19' ship
Mokai to Kaanapali report.

5/5 Aidy Kawaihae talked to Jerry Ludwig about
Baxter flat will be
going in. Ron Nolan saw turtles
there. Ludwig works part time
for Ecological Services of FWS.

5/6 Telephone call from Janette
Howard (Honolulu). Arnold has
finished 2 nets. I should
call them after I return.

5/6
Saturday Called Mrososky in Toronto

Report from NAFTEL upon return from
MAINLAND TRIP.

5/22/78

Monday

Talked to Naftel - Mixed reactions on trip to Laysan - 2 poss. nests at LISIANSKI; a few at FFS; Turtle w/ wire on flippers at East (~30 baskers); Foot prints all over islands from CG; Harrison did not instruct them; dead turtle on Necker w/ two seal pups; Parasite was interested in seals/turtles; Man from San Diego zoo wanted to talk to me; Harrison smoked grass, or at least gave to Jimmy at Laysan; No respect for Johnson's field work; "Notched" juvenile seen at Lisianski - 40 baskers, + 40 small in water feeding on sponge-like carpet algae. Photos of restraining seals with turtle T-shirt on. + tagged a few others.

5/23

LTCMDR KELLY - talked to him - poss of June 6
→ 471-3948

5/23/78

Limpus called - been in Hawaii since yesterday subsequently checked for but never found.

5/23

Mark led to turtle - Kanaka found.

5/24/78 American Sportsman Program
 - Good Morning America

Essells?

Check for Seal Reference -

→ Chapin, E.A. (1925) Description of new internal parasites. Proc. USNM 68 (2603): 1-4 [new nematode Contracaecum turgidum from Hawaiian monk seal]

→ Edmonson, C.H. (1948) Records of Kogia brevipes from the Hawaiian Islands, J. Mammol. 29 (1): 76-77.

5/25/78 Dinner last night w/ Limpus - Dinner this night w/ Limpus and Siou - "reduce hatchling" - visited Whitton -
 → URASHIMA TARO and T-Spirit to Limpus

5/25 Limpus reports that evidence of digging on SLP beach

5/25 - Call to DeLong - he wasn't in.

5/26/78 Meeting at Spalding - Sea Grant -

- 26 May 1978 - FRIDAY -
Rick Gregg Sea Grant Meeting

addendum for Site Team

Participants -

1. Naftel	4. Ralston
2. Taylor	5. McDonald
3. Dallas	6. Gopal Krishna

- October for Leighton - booked

Gregg - most would like to sample
 3x year

Necker - 2 up 3 back

FFS - 3 up 3 back days

Laysan - 4 1/2 up 4 1/2 back

Kure - 6 up 6 back

hisinski

Maro

P & H

MAC
 Money

\$28,500
 \$50,000

Sept 1, ⁷⁸ - June 15, ⁷⁹
 June 11, ⁷⁹ & June 6, ⁸⁰

5/26 Sept 15 → Lisianski 3 days fishing
 FRIDAY ←
 Taylor September 3 days Maro shark fishing
 FFS Maro Necker

July - August

May - June → Taylor

32 day @ 900 x

- 1 - Top Carnivores
- 2 - Reef Ecology
- 3 - Turtles
- 4 - Lobsters
- 5 - ~~Shrimp~~ snappers
- 6 - Shrimp

Jan - February 1979 Necker - FFS

	9	10	11	12	1	2	3	4	5	6
FFS		(1)(3)(5) (4)				(1)(3)(5) (4)				(1)(3)(5) (4)
MARO		(1)(3)(5) (4)								(1)(3)(5) (4)
NECKER		(1)(3)(5) (4)				(1)(3)(5) (4)				(1)(3)(5) (4)

5/26/78 ^{2 PM} SCUBA with Kam and Limpus
 in area reported by Hawaiian
 man - George Shewels Sr.
 Lots of coral on bottom, but
 turbid - 3-4 seen on surface,
 Kam - 1 Limpus - 1, underwater.
 Depressions in coral where
 turtles may rest. Limpus
 found, barnacle still attached
 to laminae piece.

5/4 weight measure
 5/27 photos of 3 turtles
 notes: Tamotu turtle has
 gold sunburst head, and
Maui - shape of shell
 appears different - Burder
 at the posterior.

5/27/78 from Limpus slides - his turtles
 look light - more brown Maui.

Limpus indicated that he has
 seen black scales of hatchlings
 in Albino feces.
 Also, he uses terms "Undeveloped"
 "no sign of development"
 "apparently infertile"

Backnote - Kam dove at Harauna Bay
 dates -
 saw 2 turtles -

9:30 AM

Backnote 5/11/78 → DAY of week →

Call from Joe - First Hawaiian Bank

525-6241

"He has a small turtle, it is alive
 and he wants you to pick it up -
 Margaret -

"He has it in fresh water"

Brother caught it in net -

Subsequently eaten (?)

5/30/78 Talked to Shonura - he wants short
 trip report

5/30/78 Call from Lee Mottler Petroglyph cave
 Sp of chain of craters - HILINA PALI
Muffet Rodgers - Jourdane - 110 Authors
 Bishop Museum called 7/3/78
 - includes turtles -

5/30 Call to K. Wright about Kaula -
 Special Use permit -
 Whales

5/31/78 MARS to Midway -
 Talked to Linda Means - No one has
 seen the eagle or seal for a few weeks.

5 5/31/78 ^{Attorney General} ~~Eggers~~ ^{Kimberly Wright} hasn't seen Assessment. - haul
Wednesday

FR 5/31 Bryan han to lab - 988-3703
Wanted to be a volunteer.

5/31
Wednesday

6/1 Sick - at home - 438-2263
Talked to Bob Morrie -
Small greens at kaplo -
sleep on Pointe's head

6/2 ^{I should} Call CMDR ^{Kelby} on the 471-3948
22 of June

6/2 meeting aboard ER on scheduling
6/2/78 talked to Doyle Bates at
Friday NMFS

5/11
8
6/2 Visited FWS Wright and
new agent - looked at turtle
shell fans from Marshall
Is. only 10 may be
tortoise shell. Jewelry from Fiji.
Informed of Wayne King's Croc F.I.D.
Paper 1972. Brought back
two stuffed turtles.

~~Jim Barbee~~

"Cambridge" ^{Leather}
W. King will send papers

6/3/78
SATURDAY
Call from free lance photographer
Peter Kaelan - working on snake
book w/ W. King. Interested in Leewards;
Life magazine story.

6/3 sat¹⁷⁰⁰ Photos of 3 large turtles
gas; C.I.
Lots of algae; some additional
tags; calcareous growth on
tags was chipped off with knife;

6/5
Monday
Called W. King - he was at
Santo Domingo; left message.

6/5
Called Howard - talked to
Jeanette. RCUH money received.

6/22/78
Thursday

Swedberg - Gerald
From Kareoke MCA's Building 105
Big baggar out on runway
no later than 7:15 AM
6:30 AM for departure to Kahoolawe

He called

Bill Austin - 947-5860
Machis?

10 DAYS

Leeward Is. Trip

6/22

Called DeLong at (206) 442-4719

concerning July 10 trip to Leewards

Johnsons arrived Honolulu last Monday.

6/22/78
Thursday

Laura Westbrook

948-8433

MOP → annual report

Will talk to Kayn Friday AT Lab.

6/22

Call Bill Austin - Mackay -
charter will leave 24 July for
Leonardo group wants to do
some signage - count - tag - etc. seals
and turtles.

Kahoolawe

INEZ ASHDOWN

- Eddy SMITH (MAUI ZOO)

Take on Trip: ① Binoculars ② Blue bag ③ Camera
④ lunch ⑤ Sunglasses ⑥

FRIDAY
6/23/78

Kathoolawe - departure from KMCA5 at ~ 0700h
aboard helicopter #02 (53) with John
Naughton, Jerry Swelberg and 8 Marines -
Good chalk supplied by Swelberg.
Comment that Ohara listed sea turtles
(possibly ^{Hawthorn}) in list of species -

including dark-rumped petrel and newell's
shearwater. - Swelberg mentioned these
are only two sand beaches - he has seen
them many times.

EIS preparation will be given to
private firm. Archaeologists are still
on the island - some may be brought back.
Approach ~ 7:50 - circled island counter
clockwise - complete ~ 8:20 - many gulches
with sand/silt mud beach - ^{certainly} probably covered a lot
by high tide, areas along cliffs drop
off to deep water rapidly.

Noted lots of silt - turbid water -
clean water on Smuggler's cove side -
White ^{sand} only at Smuggler's cove side.

Erosion. Arrive home for fuel
at 0840h.

subsequently
achieved

Problems - 1) didn't go into two calm
coves w/ high cliffs.

2) didn't circle over sand beaches
extensively.

- 13 mud beaches according to Swelberg

30 minutes
coastline
observations

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White sand only at Smuggler's cove side.

Erosion. Arrive Woni for fuel
at 0840h.

Problems - 1) didn't go into two calm
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- 13 mud beaches according to Swedberg

30 minutes
Coastline
observations

subsequently
achieved

Kahoolawe (continued)

6/23/78
2074

6/23/78 Depart from Maui at ~9PM - shut down Friday again because fuel truck arrived -

15 minutes white sand beach area observations

Depart 9:15. Circled Sand beaches and plant on iron mats. at 9:30 hours Bomb target is in N. Mariana

Objective - get a preliminary look at beaches from the air -

? Weather conditions - strong trades - partly overcast

? State of Tide - clear water by cliffs; at one time bombed everywhere 1941; now just outer 1/3 of island

9:25 AM NW Coast - photos - beginning of new ASA 64

? Beaches seasonal - pinnacles offshore - large rock

Wilson has done drawing fish/recreation beach Chief Whirogh

~3 hours 10 AM - 2 PM walked beaches Formerly Marine Geologist - lunch 12:30 - 1:15 Margherese Nodules

Archaeological Team - Morgenstern and four others (one Forley Watanabe) (Private Consultant company)

Report of humpback whales in deep coves along cliffs.

Federal JUDGE has ordered EIS.

20 minutes observations

Depart Kahoolawe 2:35 PM - observed coastline until 2:55 PM - mostly

NO TRAILS SEEN ALL DAY -

E: _____ 1970H: 52.3

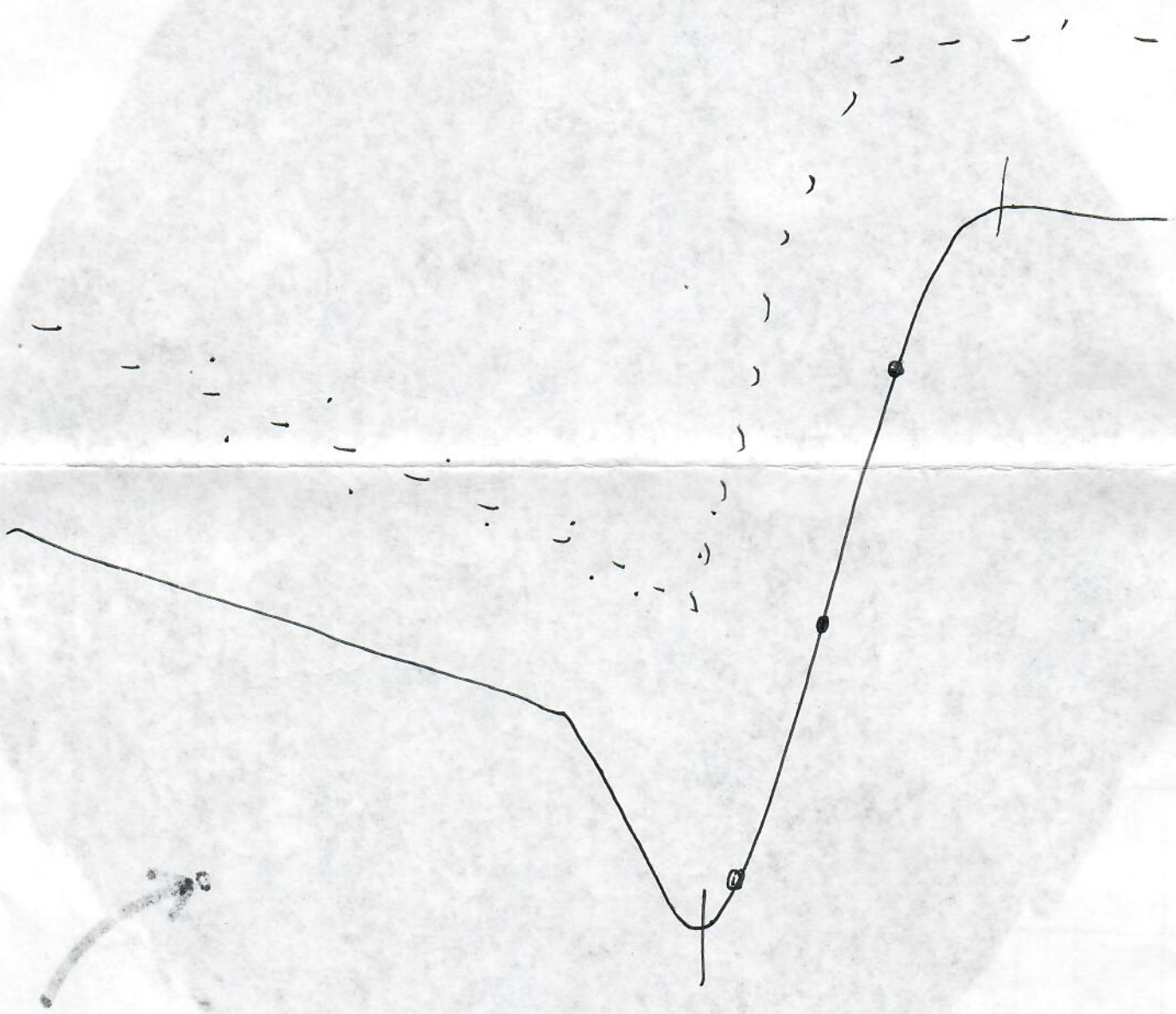


190591 _____ 13

- DATE/yr of death

7-12 yr.
old

- Diets -



from
and
the
date
of
death.
I
think
it
is
a
Hawaii
turtle
that
died
in
1970?

is
the
"SL21"
straight
length

21
inches?

That
would
be
53.3cm
SCL,
which
is

close
to
the
measured
length
of
52.3
(maybe
it
shrunk
when
dried
over
time).

Are
the
three
3-digit
numbers
referring
to
flipper
tag
numbers?

491
and
492
in
sequence
seem

21" SCL

491
492