

G. H. BALAZS

2 OF 2

BALAZS - DAILY LOG 12/18/77 - 1/20/79

6/23/78
FRIDAY

KAHOOCLAWE

57

Smuggler Cove to Lighthouse, adjacent cliffs,
and white sand beach around Kaneohe Pt.

Picked up truck on sling ~ 3:05 and departed
for Oahu. 3:55 PM Load truck and
gear at Barber's Pt. 4:15 PM depart
Barber's Pt. Arrive Kaneohe MCAS 4:30 PM

SUMMARY OF ACTIVITIES:

- 1) Complete circle of island, counter-clockwise
upon arrival; circled white sand
beach areas after return from Maui
- 2) Hiked along coastline from facility
almost to Kaalikaiki Pt. inspected
beaches and observed nearshore calm
waters; Return hike inland; Lunch at facility
- 3) Hiked to Sailors Hot crater; observed
nearshore waters and board expanse
beach/swath where road construction vehicles
are located
- 4) Used up 1000 lbs fuel in helicopter
by circling white sand beach north
of Kaalikaiki Pt and area to the
East of Waikahalulu Bay (cliff areas
along South coast.

NO TURTLES SEEN ALL DAY -
NO EVIDENCE OF NESTING DETECTED

(See notes on chart)

Interviews with - Swedberg; Morgenstern;
L.P. Wilson and W.F. RYCOFF (NAVY EOD)

1 1/2 yrs

2 1/2 yrs

6/23/78
FRIDAY

Notes written on pad during trip -

- Sailor's Hat - large TNT blast simulated woc
- Morgenstern suggested North shores as best chances for feeding turtles; has never seen woc than 3 together at a time; suggested that good sand beaches exist in gulches between cliffs of South shore.
- Namwers sometimes "assault" beaches use LVC's; but report no intention bombardment of beaches (ships or planes)
- Noted Codium, Turbinaria, Laurencia and soft coral in tide pool in SW shore (near white sand beaches) (near Blowhole)
- Small amounts of freshwater may percolate underground into ocean at certain areas.
- Approach for turtle nesting on beaches appears O.K. - no obstructions; white sand in many areas, extends right up to rocks - very little beachtop vegetation; wave wash extends up high.
- Sand from beaches is being used for road repair
- Shore targets no longer used (ships) - but could resume.
- Army uses land artillery
- Swedberg reports sand beaches come and go seasonally - other (Wilson) report no.

6/23/78
FRIDAY

- Skiff diving, rubber rafts, nets suitable for SW shore
- Fish study conducted by Division of Fish and Game - report published
- Sivelberg reports 13 silt beaches at base of gulches - could these be used for nesting?
- EOD guide (NAVY) knows Ralph Darling - TM' (SS/DV) L.P. Wilson (1/2 off and on) partner HMC (DV) W.F. Wycoff - (2 1/2 hrs) both "EODMUNE".

6/26/78 Mon. Returned call to ^{MISS.} Kemmerer ^{ANDREW} of 6/15/78

He called me -

(601) 688-3650

Would I be interested in working with this people on a project dealing with tracking of sea turtles in Hawaii? satellite.

What results would it produce?

How would it help?

Scope of justification (publications)

Brill, Gummy justification,

→ send to him for incorporation into report to Washington.

NOAA FRANK is interested in turtles.

→ My willingness to cooperate fully

6/26 MON. Call from Let Hendricks on the BIG ISLAND

6/27 Fred Proby ^{called} - Consultant writing EIS for NaPalt - 521-5651 - Pacific SeaFarer INC.

is all valley - common size:

100-150 lbs

call from TOM Hogarty
6/29 Hawaii - Jack Harter

Helicopter

"travel in pairs." "occasionally" "10-12 at a time during the summer" just beyond the reef.

6/29/78 Landing site is the problem; on load
Thursday people Hanalei River possibility.
Tom's # 826-9374

Dive charter - Sea Sage - Hanalei -
body owner - Mickey.

6/30-7/2/78 Big Is. Lectures - MAP -

called Cliff FICUS - Seattle

7/3/78 (206) 442-4711

7 July 1978 → Karl & Cliff + A. Johnson
10 July 1978 - LEAVE -

2 days FFS 2 days Laysan
(5 days) LISIANSKI
Johnson - PH at return and
to Midway 24th July

7/3/78 Pullen, XO at Midway 422-0531
called

MONDAY

[all arranged]

7/3 Called Brooks Takamaka
244-4157

7/3
MONMcomber Recovery Turtles
Mortality(S) $16\frac{3}{8}$ x $13\frac{1}{8}$ (C) $17\frac{1}{4}$ x $15\frac{3}{8}$ Head $2\frac{1}{2}$ Tail $3\frac{1}{8}$ P.L. $13\frac{1}{8}$ Preserved -
INLAB

Right eye missing

Photos taken # 13-16

7/3/78

Peggy Cole - Ecological Services
on Kawaihae project -
Jerry Ludwig in Mariana7/5/78
WEDNES.Called W. King (212) 220-5152Sept - or Dec he will be Scott's
Asst. - after 1 year take over.

- will list soon

- people map at MROS.

- slow growth by someone in Florida

7/5
WEDSNET TRIAL IN KAWAIIHAE BAY
nets - 11 AM - 3 PM = [3 hours]
one wide - one new from Big Island
set w/ buoys across Kawaihae
site. Observed 6-8 turtles
surfacing at various intervals
in areas - sizes from ~16" to
possibly adult size. Many appear
to have barns. - lower tide
at 1130 - saw fewer later

6/5/78 possibly because of increasing tide.
 WED Nets were set in too deep a
 water. SCUBA in area revealed
 very murky - still no sign of food
 on the bottom - lots of live coral.
 (Saved) Kam found pieces of plates and barns
 in hollowed out resting areas
 (top of coral rise). Kam came upon
 turtle resting - missed.

6/5/78 Report from ^{Don} Reda that they regularly
 see turtles off Haleiwa (troubled area)
 where Waialua River bed comes out.

6/6/78 Returning ^{Howard} H. Takata's call of yesterday
 concerning tag Recovery 2229 (36 inch)
 shell, (weigh 270 to 300 lbs.) In you
 want more

Pat ^{more} Kolele — July 3rd — Haleiwa
 (Leilewi) —
 Leilewi found in shallow area
 Park

7/6/78 Called Hal Fishers and arranged
 donation of hawk to
 Thursday Waikiki Aquarium ~~_____~~
 959-7224
 Home - 959-6426
 Chris will
 pickup on Sunday

Very receptive, friendly and helpful.
 7/6/78 Galled CMDR. Kelly about
 Thursday Kahoolawe survey - should call
 at end of July -

7/6/78 Called Bob Manserief ^{Kawajalein} - brought
 back 2 eggs for me - he will
 send data on 2 hawks tagged
 and released.

7/6 Picked up 6 weather balloons at
Dr. Schroder - HIB

7/6/78 Placed 3 sections of net at
Kawala location (Kawale Bay)
 at ~ 10 AM - ^{over reef} top
 in center :: blocking off most
 of water column. Saw several
 turtles surfacing in area.
 Rainy - lumpy tide. Remained in
 water till ~ 1 PM - checked
 net with mask and fins, and
 boat - no captures - tried to
 approach surfaced turtles several
 times, ~~but~~ no luck. Their
 sight seems to be principal
 means of detection (of us), however
 some observations suggest hearing
 also. Water very turbid.

7/6

Thursday

(Kareohoe Bay (Kawelo) netting trial - cont.)

Notes taken -

HABITAT CONSIDERATIONS (of this and other areas)

1. Boat activity (they get used to it?)
2. Freshwater flowing in / filtering up
(Mixohalis observations)
3. At ~12 noon, observed a turbid surface - as we approached in it responded with a sudden motion - leaving a fairly large trail of silt - from body -
Turtles are mudding (in?)
4. Area where bocracles were found; at surface appears to be calmer than surrounding areas.
5. Turtles sleeping in an area regularly I can inflict coral damage.
6. Calm in area

7/7

FRIDAY

Meeting with Dillingham and Directors, Hugh, etc. - left calendar slides.

7/7

Talked to Dick Moore about toxic substances - Lynbya - most toxic - lot on

Dick Moore (cont.)

7/7/78 because they are not eaten by fish -
I reported to him -

Hydrea musciformis (Kinsie)
Ahnfeltia convirva (Vernon/Sage)
Caulerpa serpulata (mid. west)

He suggested buying D. Russell book
slope for epiphytes growing on
them - only a small amount of a
blue-green can ~~be~~ cause toxicity.

AERIAL

9 July 1978 - 1020 AM N2251Y CESSNA
WIM CARDINAL -
SUNDAY W. Kimmmer - Pilot
G. C. Whitlow - BACKSEAT OBSERVED

WIND 050 at 15 kts.

1. General weather?
2. Stage of tide
3. Time of year

1030 Takeoff - ^{one pass} along reef runway - nothing -
proceed around Oahu

Said beach near lower plant take
photo 1) Reef runway

- #20 2) Barber's Pt Refinery
3) Maaka Waiu (before Poku)
4) Strip off close to shore
looking toward Barber's Pt

Deep channel after roughly kaenalt.
 Sand beach extending for distance kaenalt
 side of Dillingham field
 also - along Dillingham field
 - heavy canopy usage

2 of Kawailoa

1 turtle ^{together} of bay off rock Pt N of Pujo
Turbid water offshore - in turbid

1 Turtle near Pujo

Notes on distribution

Notes  ^{Big} sand bay N of Lewis Bay

Deep wide channel in reef flat just
 Kaneohe Bay of Kahana Bay.

"Mr. Kawela" spot - Kaneohe Bay
 2 Turtles - Photos of reef

Fast photos - Moku Manu, Twin Is.
 Rabbit Is.

11:50 AM - starting to cross channel
 to Moku

7/9/78
SUNDAY

12/5 Land at Moloikai Airport - flew
directly in over Papuaku Roadstead.
alfalfa fields near airport.

6000ft at Airport
105 PM Depart Moloikai - head to
Kaunakakai and then follow South
Coastline to Hanalei.

AERIAL SURVEYS OF

"usefulness as a ..."

1:30 ^{value of} depart Ilio Pt for Oahu

photos on second roll -

#1 Koloa wharf and adjacent beaches

#2-3 South Moloikai (from the West)

Papuaku (west end of Moloikai) -

from the Southwest

5 - Small sand cove beaches -

West Moloikai - Kaunakakai Bay +

Ranch house + others

7-8 Kalua Koi Hotel

- note compare results of my aerial survey
with results of beach's survey

1:50 PM

IN Along Reef Runway - saw

2 Turtles (I was close in, in channel)

Hono International
LAND - 1:55 PM

(Cherokee "Arrow" other plane)

7/10/78
Monday

7/10

7/11
res.

7/11/78

Took a beach

7/10/78
Monday

^{Pick}
Gaffrey called - photos for story.
in SEA Magazine

7/10

Brooks Takahashi's assistant -
indicated that
FRED BICOY, the head of
Maui Economic Opportunity Program
knows of beach where turtles nest
on Molokai.

7/11
Tues.

Called Howard Takata to tell of
hawk arriving - From Chris - [11 1/4 lbs C-16X14]

Called Lovejoy - talked to Secretary
(202) 387-0800

7/11/78

Called Hy Juen - Billfish tour
is at the end of this month

80

SW BA w/KAM
at Kawela site

Breath

capture
sleeping on
the
Bottom
2-11-1 AM

7/11/78

S-23³/₄ X 18¹/₂
C-25 X 22¹/₄

7/11/78
Tuesday

Head - 3⁵/₈" TAIL - 4³/₄

(S)
(L)

PL 19¹/₄"

65 lbs

no algae
on flaction
of carapace

skin barnacles collected - also from
between scales on fore margin of front
limb - proximal

7/29/78

noted
motion of hind flippers to turn
when crawling on limb

1 small barn. R side of head by eye

7 Barns 2nd lat left

1 " 1st " R

1 " 3 LATR

4th and 5th central - collinear

also 4th L & R laterals

2 Barns on flaction

7/30/78

TAG NOS. (2423 LFL
2424 RFL
2425 LFL trailing

removed all large barnacles

7/31/78
Monday

7/11/78 talk from Hymene Society read
me the statement on Habala
Hilton's turtles.

Note - Bill Austin, Maehias, is
to take Divers - shell collectors
on charter to Seewards (?) as of
24 July 1978. Sighting forms sent.

↑ LISIANSKI - Easy Rider

7/29/78 Talked to Kim Wright at home about
Kaula events, albatrosses SLP and
Hawk at Aquariums.

7/30/78 A. Howard reports by telephone
that 2 nights ago tracks and
excavations were present on sand
beach by horseshoe; no eggs reported.
Last night tracks all over Pungluis
but no digging - reports into wall,
across road, into grass, etc.
Dog tracks in area may have
scared off turtles.

7/31/78 Monday Swedberg called about writing
a memo on one day trip.

John Brown - Turtle Club
[redacted] - 239-8940 Home [redacted]
[redacted] 261-0841 EXT 166 work

72 - FIELD TRIP PREPARATION -

PLANNING -

8/3/78 - TABULATE -
SATURATION Tagging -

DATA REDUCTION -

(^{25th} > September 1978 Howard to leave leave.)

KAU

8/2/78 - ^{Called} turtle came out last night - almost crawled over a man's legs that was sleeping - man ~~was~~

turned turtle over so Howard could see - Howard Jeanette saw it early in the morning - ~~the~~ turned back over so it could go back to the sea - reported to be green - "not pointed beak - smooth margins".

8/7 C. J. Ralph - will talk to him tomorrow morning on the telephone.

8/4-8/7 Maui, Molokai and Lanai -
Marine Lecture

8/8 Tues. Report from C. J. Ralph that he has photos of hatchling high on the beach at KAWA - Hanalei
Year - month -
Circumstances -

8/9/78 Wednesday

8/10/78 Thursday

8/10/78 Thursday

8/10/78 Thurs

8/10/78 Thurs

called Jeannette
 Turtle ~~club~~ out again - Howard's mother
 845-8656
 8/9/78 Sunday
 Wednesday

8/10/78 Ann Browne - called about Turtle Club
 BROWN - 47-711, Horseshoe
 laneshoe 96744

8/10/78 Call from Jin Cumming -
 Thursday Doug Forcell (?) (went to
 Jarvis and Howard under special
 contract for FWS - she will
 check sea turtle nesting records
 (if they exist) in his report.

8/10/78
 Thurs Called A. Howard at his mother house -
 He feels absolutely certain that emerged
 turtle that crawled by sleeping man, and was
 turned over til morning, was a Green (Big Chest)
 2 different turtles
 of the morning of Aug 5, 1978 fellow
 who lives in tent went through netting by
 horseshoe; his dogs found emerged
 turtle - Howard encouraged him leaving
 with turtle in back of truck - nose
 bleeding 36" x 270". Saw two claws.
 Howard told him it was hawk still,
 against Federal law to molest.
 They made inquiry at restaurant
 if they would buy - didn't want it.
 He was going to kill and give to

8/10/78
cont to family - if he did this, Howard was going to take eggs and bury ^{them} ~~them~~ ^{the next day} ~~the next day~~ Howard watched them release turtle at Punalu'u - crawled slow into water (possibly hurt); R Flinn is partially off but healed; Person painted markings on shell & scraped in name.

at horseshoe, very shallow hole was dug, but trail indicated lots of 24-30g. ^{in cave - this is right near sand beach backed} ^{Opiki} ^{picker} ^{to} ^{Howard} Howard has photos and other details.

Sleeping on Kamehame - walks in

8/11/78 Friday 30 pieces - a few weeks ago Kim Wright (on person) Brackets and combs stuffed in socks - son of a wealthy businessman coming into Honolulu - ^{Buy now!!} Duty free - Guam - as of Sept 1. - stops from Grand Cayman - Japan Shelly Hemmer - works for B/thes - San Francisco - a representative for Cayman

8/11/78 Friday Call from Paul Kawano to Fish and Game Sent newsletter.

78

Mr. King

8/11/78 Friday

8/11/78
Friday

VISIT w/ Howard at his mother -
discussed recent nesting activity at NW: 75

Earlier turtle (after storm) south end
all the way to Dahlberg's yards -
- dogs scared off - (separate guess) -

Mr. Kalama - front of house - used to taralua
talked of turtles coming up in 1950's
string nets

(sticks) (varathane
nets)

→ polaroid films for Jeanette

(Green) - out by swimming beach,
along beach (5) sleeping on beach -
2 men (one of which a man who
works for Jeanette) turned over fortoward
to see the nest morning - turned over
and released before she went out fishing.

Big inlets, deep, come in close to
shore, Mokuia - years ago
small turtles caught in nets -
lobster nets
11-6" eyes before - (tall also catch
now, narrower -
(from Japan) NENE

8/11/78
Friday

Visited with Leatrice Higa -
Saw reduce-sized calendar mock-up.

8/14/78 Call from Scott Hamilton - Navy -
 Monday concerning Kahoolawe study
 his number - 471-3942

0800
 0730

→ Lt. James Davidson OIK (Com. Third Fleet)
 operations officer - operations control tower
 8/15 - talked to Scott Hamilton 472-8768
 Tuesday arrangements for Kahoolawe are
 still being made.

8/15
 Tuesday

Meeting with Shomura - at 9AM
 10AM seminar by Hiroaki and
 discussions of NHI by Eric.

NOTES MADE DURING MEETINGS -

"French Frigate Shoals is the approximate
 latitude of the boundary of the Northern
 Equatorial current."

The Emperor Seamount extends
 roughly from above Midway to the
 Aleutians.

... Say something about where things
 are occurring

"What causes differences between
 high - large southeast islands and
 the low - small Northwest islands."

— SEABRANT PROPOSALS NEED TO BE
 REWRITTEN FOR SUBMISSION BY
 THE END OF NOVEMBER

8/15/78
~~TUES~~
 TALKED WITH Dr. Helfrich - (Bob?)
 MENTIONED A JOHN KERNEY WITH SPC
 WHO THOUGHT MY REPORT WAS ONE OF THE
 BEST DONE BY A CONSULTANT.

8/16/78
 NOTIFIED BY NAKA THAT AT 5:30 AM ON
 MONDAY SOMEONE CALLED FROM ST. LOUIS(?)
 CONCERNING TAGS.

8/16
 WED

SCUBA
 DIVE AT KEWALO SITE IN KANEHOHUA BAY
 ~ 10 AM FOR 1⁰⁰ HOUR 25 MINUTES
 CONDUCTED **SEA WATCH** ON THE WAY
 OVER IN 14' BW. NOTED TWO SMALL
 JUVENILES - ONE ~ 1/4 FROM C.I., ONE ALONG
 SAND IS. REEF FLAT - CHIRANON'S HOT SPOT.
 BOTH DROVE QUICKLY. WATER SKIERS AND LOTS
 OF BOAT ACTIVITY BY SAND ISLAND (AOL)
 ANCHORED OFF AT KEWALO SITE **STUDY**
AREA FOR ~ 15 MINUTES - SAW ~~ONLY~~ ONLY
 ONE TURTLE AT SURFACE.
 EXTENSIVELY COVERED BOTH PATCH REEFS
 RESPECTABLY CLEAR - CORAL SAMPLE TYPES -
 OTHER DOMINANT IS POITES. NOTED MANY
 DEPRESSIONS LANDWARD OF E PATCH. KAM
 FOUND ONE OLDER BARRACK. KAM SAW
 ONE TURTLE SWIMMING - ONLY ONE SEEN
 ENTIRE DIVE. WHILE TAKING OFF GEAR IN
 BOAT NOTED ONE ~ 26" SILVER BACK SURFACE
 50 YARDS FROM BOAT AND SWIM SLOWLY CLEAR

78 Kawelo-Kareoke SCUBA

8/16/78 No alarms noted. also saw one very
WED small - breathe and dive quickly after
seeing us.

Saw two small white motu back;
both Chinaman hats side of hard IS.

8/17 Meeting at Swerdluff's office (MAE)
Thursday concerning listing of greenas
threatened

8/17/78 Discussions with Fester and Mag
Thurs. INMI on turtles/turtle fishing.
"Bob Hyatt had a huntsbill in
ford at Coconut Is. Subsequently
released - with lead tag on edge of
shell.

Mag fished (barpoon) turtles with
Valentine TAM - another separate
turtle dealer was SUZA.
Mag barpoon was 20' long (?) -
"he dove down to detach from
turtle - if male, it would attack.
females not.

NO NAMES
IN RECORDS
"Good
living
supplied
by sale of
turtles and
meat"

Clean shells - pack with Boric
Acid - store under house for 6 months
til cured-dry.

8/17/78
Tuesday

7

8/17/78
Thursday

Max fished Chippin's Hat Sand Island side mostly with harpoon - Lester has experienced with nets (shank) set by "Turtle Back" for Chris Holmes at Coconut Island. Turtle meat by the bucket was sold to Chippin's Hat fish market. Usually he wanted more than what Max, Val and team could supply.

In addition to area extending Chippin Hat's direction of "Turtle Back" Lester also mentioned channel area by Barduch's old house in South Korohe Bay.

Max reports "scallops/shoppers" on the sand bottoms where turtles "sleep". Males have tapering posterior shells. Sex ratio about equal.

No special care in butchering, except careful with guts.

Max's father ate turtles - no stigma against it. Other have stigma - "turtle, like crane, long lived - ~~and~~ "nobody sees them die". Lester doesn't like taste of fat - trims it out of steak.

8/17
Thursday

Call from ^{NAM} Hamilton Kenter - still no positive schedule.

8/17

Call from Steve Montgomery - Lisianski question
"ELECTRIC WIRE GRASSHOPPER"
OCTOBER 7 FOR RENE SILVA

200,000 lbs Turtle commercially reported 83
1948-1973

AT-Rules-listing will focus attention on
problems - provide greater availability
of funds for research - enforcement - management.
Ariochi - "Crimes against wildlife are
crimes against the people"

[Compare - half of all commercial activities
at Na Pali until management plan is
formulated.
Threatened classification - will allow ^{partial}
nondirected take.

SUBSIST - to be sustained, nourished;
^{live}
Subsistence - the act, state or a means
of subsisting

Question - Does anyone in Hawaii depend
on turtles to subsist (live)?

Alternate food sources available?

8/19/78
SATURDAY
Called ARNOLD HOWARD - reports that
Opiki Piker - said digging all other
place in roots at Kaneohe Pt.
Howard has not seen evidence of further
nesting at Kunalua area - ^{Returned to home from}
Honolulu on SATURDAY

0830
8/21/78

Called Scott Hamilton

Lt. Davidson 472-8768

Wed

23 Aug

0730

"

"

- call from Davidson concerning field study plans

pleased that:

1. listed as threatened instead of endangered a) display b) Resear
2. Excludes Mariculture
3. Allows incidental take (now directed), for time being
4. Mixed reaction to NO direct take provision for Hawaii —
(Compare Samoa?)

1:30 PM Meeting at NMFS Honolulu Lab with

→ Sverdloff (called by)

→ Shomura

→ Ego

→ Henry Sakula

→ FG Division man

→ Streeter's assistant (Scott Anderson).

Preempted

State doesn't want threatened category.

order patches through KK? 83

tel 682-4259

8/28/78
Monday

Weddington - turtle

cut into Mouth of inner harbor -
top and bottom of shell -
originally tagged by

+ 1972 McFarland
→ 15 lbs increase +6 years

fish line -
green
3/4"
old Toy at club -
badly corroded.

→ 26 September Weddington leaves

Large turtle, Tagged recovery at entrance
to inner harbor - took him down
rapidly to ~20'

Si works for
Telephone Company in Hawaii
JOINED KK about 1964 - good man
for historical information

lit. - The Turtle over
Ka-umu - honu
p. 95
Pukui
Elbert
Moore

Niihau ~ 1963 an associate was

a few natives with cher - picking him - then
swam up - old body starting to
rot and rane - when the turtles
come, the sea gets rough -

also off the (an indication)
eating him, opihi while picking:
rough! sea gets

Turtle speed rock not too far
main village -
NONO PAA - north of this site

8/30/78 John Nightingale called from
Seattle Aquarium
Pier 59
Seattle 98101 TE/ (206) 625-4358

has 12" hawksbill confiscated from by FWS -
amonia levels high in closed system
tank: wants to get rid of it!

~8/28 Called Howard to inform about
trip to area on 8/31 -
Told by Jeanette of another nesting,
but not successful.

8/31/78 Talked to Scott Hamilton - made report
KAU, HAWAII TRIP

9/8/78 Talked to Ms. Wilson Ho at Honolulu
Federal Savings - Branch operations -
546-2200. Receptive -
should call him in Jan - Feb.

MONK SEAL / MARINE MAMMAL Commission Meeting

9/8/78 Kekei-gul ran over the beach
by a four wheeled vehicle earlier
of this year.

FROM
DAVID
WOODSIDE

Also, Kapa used to have lots
of feeding turtles - used to
dump garbage into bay - possible
reason? Stopped now?

Caught 9/1/78
 7 SEPTEMBER 1978 Coconut Island
 Turtle caught by Tokiel, lobster net

(S) $15\frac{1}{2} \times 13\frac{1}{4}$

(C) $16\frac{1}{8} \times 15$

PL $12\frac{3}{8}$

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

Tail 3

Weight $14\frac{1}{2}$ lbs.

2478 LFL 2479 RLF

pink coralline

Algae growing on PL

photos 18, 19 A3025

9/8/78
 FRIDAY

MMSC - Monk SEALS (continued)

1. Comments by DeLong

2. Overview of results by A. Johnson

1958 - 1206

April 1976 - ~~685~~ (same time of year)

April 1977 - 625

July 1978 - 502

(fewer in count due to fewer
 adults known to be present
 later in year)

Info, by Kilder, on tagging:

A. Interisland movement - insignificant

< 5% resightings

B. Age of maturity - only one - 7 years

9/8/78
FRIDAY

c. Estimate survival -
"unfruitful" - appears to
be great tag loss

Tagged 1967-1972. most applied \rightarrow 800
"600 effective"
recoveries - around 300 include
multiples

Disease study
 \rightarrow ulcers with round worms
also - a rare salmonella found

CHI "X² test"

Elephant seals - high level of virus

Food items found in stewings -
40 samples: - 20 had octopus; 16 lobster;
variety of fish (red, file, flat, parrot, puffer);
2 cones, eels; 6 sway eels;

Send
Shomura
Seabird
Bio. conts.
article

Comments by Shomura: aerial photo work
3 flights made - 3 types of film
quite some best
feasibility study \rightarrow
1 at 500'
2 & 3 at 1000'

9/8/78
FRIDAY

Future research plans -
[Population status and trend
up to now

INDEX

- ① Marine feeding
- ② Management and recovery

- A. Raise in captivity
- B. Radio Tag

- Critical habitat
- Recovery plan

Turtle transcends all of them!

→ Presentation by Brent

→ Presentation by Swerdlow

- ① Gill nets - tangle nets
- ② Large Fish traps

High priority - put together recovery team.

→ EGO

Ken LeVasseur - [521-6425]

(11 pages)

88 → Photos TO CORNWELL
→ JOYCE HAAS
→ Sea Grant signature
→

→ Shomura meeting

Kelly Tel. - 471-3942

9/11/78 Call from ^{Jamie} Davidson USN concerning
EOD work off of Kahoolawe -
see Lt. Comm. C.O. Gage ^{military info} 684-8415¹
471-7411

Bob Bourke - SLP
9/11/78 Capture haul from reef tank (originally
Waikiki Aquarium and C.I.) found
dead and floating about one week ago -
Now in SLP freezer

9/12/78 Photos to Pellegrin

9/12/78 Joyce Haas visited lab.
Report from Whitlow

9/13/78 2 out of 3 day at Trig
Tuesday
1) - 1 turtle 73 km 5th Sept / Sept 11th
2) - 1 ashore
120000 - on

Brent -
Liz -
Herbst -

Turtles still coming ashore to
nest on Trig.

Charlie Knight - photo of bitten seal.

From Russell → HAS not seen Lygia - blue/green -
none in samples.

9/14/78 ^{Thursday} Dr. Abbott - I.D.'d Sargassum
her - Pressed in Doty's collection
is the source of reports that
turtles eat Sargassum in Hawaii

9/14/78
Thursday

rapidly

Total
time in water =
17 hours

9/15/78

fecal
pellet
seen
on
beach

9/14/78 Depart for Bellows ~ 3PM in car 638 -
 Thursday Two fishermen at end of rock jetty stream
 I - 4PM observations revealed 2-3
 juvenile turtles periodically surfacing
 rapidly at the mouth of stream → water very
 turbid - sand in water. Fishermen
 hostile - Waited for them to depart.
 Total time in water 17 hours
 Net put in the water at 6:30 - sunset.
 Two sections (one narrow floating, one cotton
 reduced lead). Tide going low
 Net out of water ~ 11:30 AM

9/15/78 BAFS catch 2 turtles in floating net (new) (0830-0845)
 one by first orange float, other towards middle
 Notified by fishermen of capture
 calcareous algae on both
 tags. G.B. cleaned
recapture # 2340, # 2341

fecal pellet seen on beach

(S) 18 1/2 x 14 3/4
 (C) 19 3/4 x 18 1/8
 PL 14 1/2
 Head 3
 Tail 3 1/8
 Weight 28 lbs.

ring on neck
 Turtle

2/3 jetty = 1
 S - 17 3/8 x 14 1/4
 C - 18 5/8 x 17 1/8
 PL - 13 3/4
 TAIL - 3 1/8
 Head 2 3/8
 wt 25

Coralline algae along seams of carapace
 Gold colored shell
 No skin barnacles,
 Black discoloration on roof of upper mouth - tar?
 green algae on plastron
 photos # 25, 26, 27

Acanthopora sp. noted on rocks today

drawing certainly possible with heavy weights by cutting on bottom - flippers to the point of instability

2936, 2935 - expanded
 # 2937 placed in triangle hole in post. carapace

(S) 21 $\frac{1}{4}$ x 16 $\frac{3}{4}$ *

(C) 22 $\frac{5}{8}$ x 20*

PL 17

Head 3 $\frac{1}{4}$

Tail 4 $\frac{1}{4}$

Weight 47 $\frac{1}{2}$ lbs

fecal pellet extruded

2 skin barnacles

Black coloration upper roof of mouth

6th marginal Right, slight indentation

Pink coralline algae, small an!

Predominant yellow color

triangular shape hole in Rt.



photos # 23, 24

green alga on plaster

Stomach tube - small particles
and fluid retained

released on beach - swam out
a ways, but then came back
in to beach - people in area
thought animal went out through surf.

9/17/78
Sunday

9/19/78

KAILUA BAY - HOBIE CAT SURVEY 91

9/17/78
Sunday

~12:15PM - 1:45PM

Mark Reed, had previously reported regularly sighting turtles at the surface while sailing in Kailua Bay. Also that more fish were caught while trolling with Hobie (silence of no motor?). He took me with him on this date, departing from beach house going toward Castle Point area (at border of ~~the~~ Marine Corps housing). Mark pointed out the names of some surf breaks - TREES, Zombita (?). In vicinity of Black Rock he mentioned that Gill nets are sometimes set for Mo'i. Has dove there and seen "green algae cover". During trip we only saw two turtles 1 - ~17" TL - 20cm^{TL} barnacles/scum on shell. Both eventually dove slowly - but no great fight response (seen). Water was very cloudy - moderate strong wind w/ choppy seas.

9/19/78 Telephoned Cmd. Puller about arrangements out of Mo'i for me, Kam and Taylor.

9/20/78 Telephone call from ~~D~~ Cliff Smith,
 wed Botany Department, 948-8218 concerning
 logging by visitors to Halape ~~of~~
 turtle nesting ^{and} hatchlings seen. Cliff
 is running a project in the Parks
 Service! I should contact
 Don Reaser at 1-967-7311

9/22/78 Talked to Don Reaser -
 Halape - see other book
 HAWAII

9/23 -
 10/7/78 ER TRIP - MARO Lisi etc

10/10/78 Called Peter
 Tuesday Corally about guts
 from ^{38"} turtle Bobby Amaral caught.
 Need capture data - specifics

10/10/78 Talked to Shompra about
 Tuesday Joe Sylvester meeting - in his
 office for 1 1/2 hours only

10/12/78 Tripart meeting at 1030 AM.
 Gave Dad 12 Budget to Grigg in PM.

10/13-14/78 Marine Lecture on Kaula

- overflights
- visit to USW Reg office

Rene

10/16/78 Called Sylva at Maui Zoo - 244-3276;
His home phone is 579-9616.

10/19/78 Dallas Grody -

Kauai
No. 245-4323

Two old
men conferred
with

HAINA LAA

Turtles Niihau
- sandy area on Niihau

in May and June
"lost year"

no eat, as far as he knows
KAUNOPIVI - Heavy feeding area

largest - 22" - 300 lbs

All throughout the year -
no remains in any large fish

Lehua Pt
Kawaihoa

both adults

both
rather old
"Hawaiian"

one brown and one gray
lost sight in August - together

"shiny as my shoes"

• variety of one to play with.
another you he will ask is

- Malake -

- Lucky 28-30 years old -

94

10/24 - call from Rodovsky about Museum exhibit on turtles June 79

10/20/78 Interview w/ Georgia for NWHF fisheries newsletter

10/23/78 Called Georges office - and T. Kelley - told him report would be forthcoming.

BACKNOTE - Turtles
- Health
- Way of Life
- Interrelations with man
(interrelations of Man and Turtles)

11/1/78 Call from Leighton Taylor ^{later IP Hawkins} Aquarium donated 13 baby loggerheads - came in with shipment of Tropical Fish from the Philippines - Donor still has 65 more.

Transcript of 8 written pages - He will send it over.

11/2/78 Call from Julian Satterlee - 254-2718 Fresh water turtles at Kaimua Beach Park - near Buzz's Fish and Game called.

11/2

11/6

11/8

11/13/78 Monday

Bob Pyle
741 N. Kalahoa

front step
Friday or Monday

- chain link gate

11/2 attend meetg at Capitol on Monk Seal

11/6 Shomura → ② Aerial
① Bones
③ Visit San Diego

\$700.00
Washington
Litzell

A. Political Support =
Threatened list but
\$210,000 money in NMFS

11/8 Liz Cunningham telephoned and informed
that Harrissior - Cromwell
filed up small glass balls at SE-
PH in early September.

11/13/78 Carla Kishimoto and husband
Monday visited lab to discuss exhibit
at Bishop Museum on turtles.

9611/9/78 Carr - Botany (TAXONOMY) 948-8304

Regional Authority (St. John's List of Flowering Plants)

Prosopis pallida - Keawe

Messerschmidia

11/8/78 ~~Green Sea Turtle~~

found dead washed up
on Waimanalo beach near
old turtle pond

16 ⁷/₈ Plastron
3 ³/₈ head
4 ⁷/₈ tail

Straight 21 ¹/₄ carapace
17 ³/₈ width

No Repro organs visible
Tissue Sl. Friable

Curved 22 ¹/₈ carapace
20 ¹/₈ width

Wt 44 lbs

photo taken - (EL remains of MARO - HIS-TRIP)

seed set 1978

hatched Feb 1972

6yr 7mon

11/8/78

Hawksbill Turtle # 1755 (L Pec) from SLP

found dead floating in Turtle Pond.

WT 105 lb

Intestines detached from cloaca

Plastron 22 1/4

Head 4 1/8

Tail 9

11/16 - Thruedem turtle for photo
SEL 7710 375 225

2.54

S - 30 3/8 x 21 5/8

cel 82cm .25

C - 32 1/4 x 26 3/8

HEAD - 4

See public library list - SLP

Visited 11/13/78

Monday

Phil Light
c/o Yap Fishing Authority
Yap W. Caroline Islands

left turtle proposal and discussed
titles.

11/13/1978 - Liz Corbin reports that HUGGO'S
in Kona has turtle steak -
direct from the farms.

Kahili's have inland turtle shell?

11/16/78 Barry Bradley - took Rick
Thursday Coleman's place, with
FISH AND WILDLIFE SERVICE

11/16/78 - 948-7031 - Mike - Sea Grant - requested
photos for NHI study

11/16/78 - Talked to Pratt at Sea Grant Honouliuli -
Thursday will send him two photos.

11/16/78 Tanks drained - edges painted

SEA LIFE PARK 99

Cocoyut? of
Waikiki?!

	TAG NOS.	TURTLES		Species
		SL	SW	
	2978 new	31	22 7/8	Hawk
2.	2979 new	42 1/2	32 3/4	G
3.	Blue PLASTIC 201(?) ; 2060 ; 2982 new	36 7/8	30 1/2	G
4.	2071 2071	35 1/8	28 3/4	G
5.	Blue PLASTIC 2020 ; 2069 ; 2991 new	31 3/8	23 7/8	G ♂
6.	Blue PLASTIC 2013 ; 911 ; 2986 new	39 1/8		G
7.	Blue PLASTIC 2014 ; 2985 new	31 1/8	24 1/4	G ♂
8.	left. LOGGERHEAD MISSING FLIPPER	31 1/4	25	Logger
9.	Blue PLASTIC 2009 ; 2070	33	25 3/4	G
10.	2987 new	38 3/8	30 7/8	G
11.	2062	33 7/8	26	G
12.	Blue PLASTIC 2018 ; 2061	33 3/8	27	G ♂
13.	2984 new	39 1/2	28 1/8	G
14.	Blue PLASTIC 2015 ; 2983 new	31	24 1/2	G ♂
15.	2980 new	33 1/2	27	G ♂

Met Guy Gillett - SLP
General Manager

11/16/78

16. 2984^{new} 2021 ^{blue plastic} 34 1/2 28 1/4 G
17. BIGGEST HAWKS 35 1/8 27 1/8 Hawk

IN TANK

[1 green
 2 hawk (1 POMAIKAI; 1 waitiki
 - looks good size) ♂ (ends
 front
 flipper
 short)

Greens in back - 5-6
 removed from reef tank because they were
 biting tails off stingrays

18. Loggerhead from Waitiki Aquarium ♂
 19. " " " " ♀

Summary

In turtle pool - 2 Hawks (both ♀?)
 3 Loggerheads (1 ♂, ♀ waitiki
 1 found)
 14 Greens (5 ♂ 9 ♀)
 19 - total

SLP park continued - All old toys look good - looked alright. Numbers on blue toys are worn thin - hard to read; portions broken; gasman gave me toy - 90(?) badly rounded found on pool bottom. Several INCONES squashed - tried to straighten. Steve reports that most turtles had large numbers of ectoparasites - egg masses? - treated with formalin 15%; turtles that DO NOT BASK were heavily affected - some (baskers?) had none.
Samples collected -

- Recall - ① Parasites on Logghead
- ② Parasites from green sent to Ernie
- ③ Sent to M. Daily

During July - Aug - Sept of 1978 sand was sometimes found on sidewalk - digging at end of beach - but no eggs/hatchlings ever detected.

from Iversen - estimate
11/16/78 Mrs. MAGruder ~ 65-70 years
Thursday 1139 ILIKAI
946-5562

Herbert
"Maxine"
Pet TURTLE

11/22/78 -
"called her -
noticeable continuously
for several days"

Bob
Call from Kinsey
at Bay turtle
entrance
to ALAWAI

Street, 946-4441
(flipper spread)

Seeing a 5 (turtle) for several days
Now - uses binoculars
First row in Ala Wai Boat Harbor.

Need - FG update

11/16/78 Call from Karen T. concerning proposal "questions"
-EBQ

Roe
~~old~~ 7594

Vernon Byrd

→ Variables for form at Kilauea:

1. DATE / Time of day / Stage of tide
2. Location (on chart)
3. Weather Conditions / Foam on surface
4. est. Size of turtle (shell length)
5. Period at surface - intermittent or extended
no. of breaths - time submerged
6. Time spent in sea water

Sent form
and letter
on this date

11/17/78 Talked to Gary Long about
recovering stomach contents and
bone/shell material from Enewetak

11/17 Talked to Shallenbergs about
turtles at SLP - keeches -

in lab - thawed by kam -

11/18/78

Hatchling turtle from "Paint Locker" 8/25/78:
FFS - given to me by CG men -
opened Plaston and found large fat
yolk-filling most of posterior area of cavity -
weighed \rightarrow 4.2 grams - \therefore high fat
weight percentage. Bones excised and returned.

11/21/78
Tuesday

Talked to Tom Kelly (471-3942) discussed my
report - for 10 days now
the environmental company they have
will be studying the marine environment.
EOD people covered 7 miles of coastline
total \rightarrow Navy contact for them at
Gage's office is Mr. Cottalico

11/22/78

Bob Kinsey called about Kahoolawe survey -
- "Demand for ^{my} Services"

I called her today - she called yesterday and left a message.

11/22/78

Patrick Nagre - Photographer ^{FREELANCE} with WWF
(Private Company (educational entertainment))
Main Ocean Experience
Pat Palmer 667-9316
wanted to know about filming monk seals
in the Seewards

** * " TO Formulate a (management) program
to ensure the future survival of the species"

11/24/78 TO Bill Cooke sample 2954 (mouth)
12/3/78 (amphipod?) He has
others of mine.

Areas where turtles always seem to
be stopped 1) Reef Highway 2) Kawailoa
3) Kawela (Kawela Bay) 4) Kailua Bay

FOR AERIALS - need to - A.
assemble table with 1) dates 2) areas
covered 3) numbers of turtles seen/locations
4) type of aircraft 5) times 6) weather
7) tide stages 8)
B. Assemble by xeroxing all aerials -
C. Assemble all photos in order of aerials.

* need to walk beaches 1) Dillingham;
~~Laloe~~; Kahuku

JULY 78 -
26 NOVEMBER
SUNDAY

4

3

Previous

4

800'

Notes

notes

9 JULY 78 - Last Aerial → Oahu and portions of Mokai

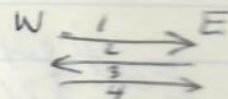
26 NOVEMBER 1978 OAHU AERIAL

Sunday ^{Kimm} Wim - Whittow -

6 place aircraft - 2-2-2 seating → me in
back - trades down for the past two
days - but coming up this morning ^{15KT} report

Cherokee 770 8 Julliet

Take out - 9:10 AM - lots of traffic

4 ~~passes~~ ^{off 9:20} Reel Runway 1500' 

① Tuttle ^{est} W of Runway + 3

3rd pass - ④ Turtles at series of
+ ray channels - Runway's
closer to shore - EAST
portion

[Calmer in close over channels at E end]

^{Previously}
Anchored vessel gone.

4th pass ① by at surface near boat pole fly,
near mouth of Pearl Harbor
800' ^{9:40 AM} up to 2500' around Barber's Pt. - lots of
noted material being sucked out of Pearl. - cloudy
water

noted straight drain ditch by ^(East of) refinery - Barber's
B.P. Pt.

Barber's
B.P. out ledge - drops off to blue -
very rapidly

900' flying along

Nanukuli - Waianae - calm water
always seems to be calm along this coast -

~15 porpoise of Maui Pt. in the lee.

Good view / calm - Makua to
Kaena Point

Scum line noted, from tide(?)

9:55 AM round Kaena up to 1200'
calm seas

East end
Dilyhy field - noted offshore rock
wash - [note - still need to walk this beach]

(5) Turtles ^{2 right together} (Big)

Hale
Wannai

1 dove (airplane?)
Shadow?

← Kawailoa
area

(1) Sunset

started to get choppy past Lanikai

passed Kaula at 10:10 AM

ELW photos of Kahuku ^{taken} (1 Turtle)
of car tracks! many!

cemetery on the beach
can track! Maleka Kana

At Kahuku - noted many aquaculture ponds going in.
Bay area

not as much ^{as seen} on ^{assemble aeries + photo} ^{ant truck} Lae beach
 Nanloa Pt 10:15 AM [Need - almost to walk this beach]

Kahurangi - looks dry 10:20 AM

(1) before Chinaman's Hat

(2) Keweb Spot 10:25
 3 boats anchored in area.
 photos taken - end of ELW roll

2 passes made at Kailua Bay - Turbid

↙ Silt!

(3) ^{seen} Kailua - Lanikai (beaches) [should walk these, too]

Gilded Twin Is 10:40 AM
 (1) photos of bellows (end of roll) [Photo taken of each one] (15A 64 ELW)

10:55 AM back at Reef Runway
 Touched down 11 AM

TOTAL Time [1 hour 40 min]

261-1018

11/26 8AM

Call from Bourke - 3 hatchlings found in
to SLP - found in a bucket at bus
stop in Waikiki; proceeded to SLP -
found two post hatchling hawkbill in tank
02 - small amount of algae on sarapape.
Called R. Alexander - he reports that 4
of their hatchlings were taken between
10-12 this morning. ^{they}
While at SLP, noted four reticulated
greens in round tank - 2-3 had
hind flippers chewed. Should be
weighed and measured. Also looked
at pond - 1 green partially up ramp;
1 with flipper over edge of pool; 1 at
surface; remainder on bottom

ASK
BOURKE
FOR
D&C CRACK
ARTICLE

11/27

Notified by Carla ^{Nishikawa} that BP Museum
exhibit has been set back 6 months.

11/28

Carol Georg - Hawaiian Electric
^{10 year old} son has project on sea turtles

11/29/78

^{rephoned} Jay Rickenback - Save the Whales
[compiling info on Monk Seal]

11/29/78
WEDNESDAY

- 11/29/78 School teachers and glass found two turtles on the beach (Waikiki) and turned them in to Aquarium - one dead.
- 11/30 Measured and tagged and photographed hawksbill hatchlings at Aquarium w/ Lin - 11 total.
- 12/2 Photos of Necker at Lisianski Grasshoppers ASA 64 EL

12/4 Monday Call from Mcomber about Lawaii Tagging - Need to call him 12/10/78

12/5/78 Tuesday call from Wayne King appointed Deputy Chairman

SSC Meeting {
 March 1979
 11-18th
 San Jose, Costa Rica
 19-31st March
 → CITES
 CONVENTION
 Sea Turtles will
 be hot issue.
 Australia will petition - EUROPA commercial
 Tomelin operation

12/11/78 Alan ^{Phyllis} picked up adult turtle guts from P. Mcomber at airport (LANAI)

110

12/11/78

(body) Glenn Lum - about marking two turtles in their back yard

Turtle G.I. / internal organs examined at CI 12/12/78 -

AMARAL MORTALITY - from LANAI

- heart
- associated w/kidney → ova
- 1 lobe of liver
- gall bladder, kidney
- lungs, pieces of yellow ^{x green}
- stomach, portion of intest ^{x green}

12/12

(26 lbs.) weight for intestines + guts

diameter of trachea (internal) - 21 mm

* 2 samples of fat saved + re-frozen partially thawed

maturing female → ova

? might not have all of the intestines, the posterior end (second thought 260g?)

Heart weight = 240 g.

Length of second stomach to end = 26 ft.

Weight of (↑) this length = 16 lbs

Length of 1st to second stomach = 1 ft

Length Second stomach = 21 inches.

Weight of 1st stomach and second stomach = 4 1/2 lbs

just the 2 stomachs (empty) = 2 lbs

1st stomach, mesenteries, heart > associated with the
YELLOW FAT

1st STOMACH contents = halophila → Sargassum⁺ red
- monofilament - something that looks
like a jelly fish.

Halfway down intestine - black + clear plastic
gumped into a pocket
- few feet further more plastic, then more
plastic

* Lower intestines just filled with plastic

12/13/78 Friday ^{Monseal Waikiki Aquarium} died today - no parasites or
WED. ulcers in stomach.

12/18/78 Talked to Bourke about 50 turtles (hawks)
John Lowell - Steinhart Aquarium

→ Rob Hammond
Historic Sites Division
Division of State Parks
P.O. Box 621
Honolulu, HI-96809

12/18/78 Kure

~~CO Naval Station~~~~Box 36~~~~San Francisco 96614~~

12/20/78 Call from ^{Howard} Pennington concerning
Sea Grant Turtle Study
Proposal - they need letter to
show to legislature.

12/21/78 Call from ^{Tamie} Otsu, \$20⁰⁰⁰ available from
Roe,
Leslie; Paul Howard; Edward ^{H.} Chapman - Chairman
National Audubon - 950 Third Avenue
N.Y., N.Y. 10022

12/26 → NOTES ON CAPTIVE TURTLES
TUESDAY Possibly they are able to eat at varying
levels of efficiency with respect to crumbling
food out of mouth - More lost on some
days than on others - Can they control it?
Also noted largest turtle appears to have
more difficulty than other crumpling (breaking
up) pellets for swallowing.

12/26 EVENING - FILM FRUG Carter
- Calendar - for showing

WEDNESDAY
12/27
1978

- 1.
- 2.
- 3.
- 4.
- 5.

— E
— M
— L

[JEM

12/29
spent
night

Wrighton is
8-nesters
T.

Woché - Hau
unhals
ER

→ native

WEDNESDAY
12/27
1978

POSSIBLE EXPENDITURES
FOR \$20,000 allotment

1. TRAVEL TO MEETINGS - ^{SPC} TRENGGANU Florida
2. TURTLE RESUSCITATION (Whitlow)
3. Aerial photography from C-130
4. Bone Aging
5. Survey (ITT) others listed in my ^CElepaio

- HEALTH
- WAY OF LIFE
- INTERRELATIONS WITH MAN

- ECOLOGICAL AND LIFE HISTORY ASPECTS
- Management
- Long term conservation



[JEMO] ← Turtle Preserve
nearest inhabited
strict
closest to
Bikar

[CANO] → called
Bill Pulega
Pulega
11/3/79

→ IUCN basket
→ SIGN-UP

Wrighton island
8 nesters
Turned ~~off~~ - (2 turned and taken)
Japanese fishing boat - possibly ^{from typhoon} 100 year ago.
[why were they there?]

from ATO
Woch
uninhabited
Tangi - no evidence of nesting - but some turtles seen in lagoons.
also black top sharks.
Nesting up to into trees - nests all over
Hawks and greens also in water of lagoon

ERIKUP - coconut crabs also
Turtles present
→ natives travel to ERIKUP - diesel power now - take a lot of turtles

INTERNATIONAL
CONFERENCE ON SEA TURTLES

1/5/78

Call from

~~Wayne KING~~W.W.F. - 10K
Private Found. - 10KState Department
late Nov.

Russell Train - WWF

Defender -

Scientific Committee [Stein's meeting]

(3 days)

JAN 9th - 10th } he will be in Florida

I should call him on Jan 11th - concerning travel
funds

1/5/79

Call from MROSOVSKY (904) 466-3231

1/6/79

Talked to Car in Florida
(904) 466-3231

1/7/79

(416) 967-3864
Called MROSOVSKY

1/10/79

Called Sylvia Braden concerning
shipment of turtle samples -
(803) 724-4762

1/8 - Gave presentation to Waipiki Aquarium Docent #5

1/10/79 Wayne King - (call from)

Should call back 1/12/79

1/10/79
WED

→ Colonel Michel Steiger
Deputy Comm for Range Operate
Healy Station
Vancouver 93437

Send Calendar plus another one to Ed Ewen (call from)

Title of thesis that references Terr. Critical habitats paper

→ Inland Delineation of the Boundary for Coastal Management
call from EARL MATSKAWA

1/11/79 Call from Otesu

1/11/79 -

John Holdtke Pink Coral
5 Birdie Lane
Palm Harbor FLA 33563

1/11/79

Call from Joe Sylvester

1/12/79

Call from Geizertanner - mentored about Rose Atoll study - 3 years

116

Call to -

1/15/79

Wayne King (212) 220-5152

Mon. 1/16/79

R. Gregg Semman - meeting w/ Shomura

Tues 1/16/79

NOTE For Sea Grant Site Team visit -
renewed interest in Development of Fisheries ^{IN NHI} must
give strong considerable to non-
consumable, esthetic resources -

Both
National and
International
Significance

i.e. Monk seals, Turtles, seals.
Areas are important for these species
Areas are NWR status - various
levels of protection -

Previous fisheries was series of
bust and booms - esthetic
resources suffered -

I am conducting turtle work -
only one in this package not
direct (end point) for development/
exploitation, but rather protect against
inadvertent harm from fisheries development.
Establish life history information
on turtle!

Other Employment Possibilities:

- State Division of Fish and Game
- Fish and Wildlife Service
- NMFS (LAB and Region)
- HUMB
- B.P. Museum
- Aquarium

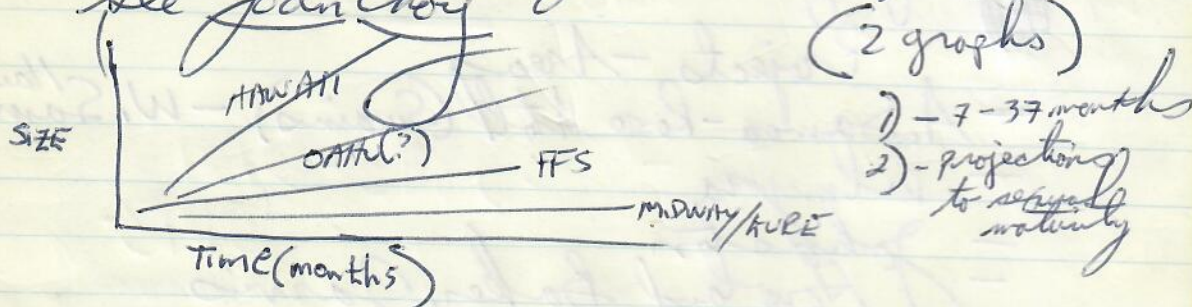
TUESDAY

"SERIES OF NATURAL HISTORY
 NOTES BASED ON THE RESULTS OF
 RESEARCH IN THE NORTHWESTERN
 HAWAIIAN ISLANDS" 117

TUES. 13 February

Site Team - Progress
 fits in to the program
 (4th) 10 minutes 9-1125

Xerox NHI section from bond proposal -
 see Joan Choy (2 graphs)



16 JANUARY 1979
 TUESDAY

Species rank of abundance

Literature Review and Synopsis of
 Information on Pacific Islands Ecosystems
 Ted Hippen - editor
 Oregon - FWS sponsored

- Shomura - List
 - Travel
 - Salary
 - Assistant
 - Supplies

C-130

Raney - TO
 Torres Strait?

1/16/79

Tuesday

Expenditure of Funds - Possibilities

- 1) Travel to Meetings
- 2) My salary - NHI project
- 3) Travel to study areas
- 4) Research Assistant
- 5) Satellite Tracking
- 6) Aging - Bone work

Projects - Areas

- A. Samoa - Rose Atoll (Swains) - W. Samoa ^{Hawk project}
- Palmyra
- Johnston
- Howland, Baker, Jarvis
- Wake Island
- Guam
- N. Mariana
- Canton
- TT
- Consultation - assist foreign gov.

Sea Turtles in the Hawaiian Islands: Status and Research

955-2255 [NW]
 547-2211-[UA] → 144.44 213 Tampa - Washington
 CA-955-1155 → FI 28 at 2 PM
 WA 946-7711 → #157 + #214 + #309 = #675.03
 PA - 955-9111

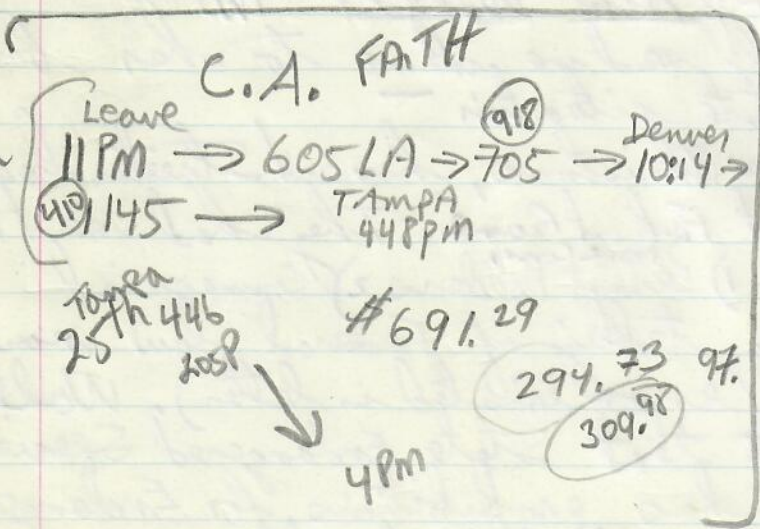
IRIS

WA 732 1159
 LA - 6:59 AM
 NA-184 8:30
 HOUS 1:14
 NA 158 1:50
 NA 421
 APPWE TAMPA 444

FI 34 NA
 Leave 8:45
 WAIT LIST

Total 667.02

JAN 22



25 JAN NA 150
 leave 11 AM
 arrive 142 PM

Leave Dulles 10 AM AA
 FL 77
 arrive LA
 CA 975 1234
 WA 610 6:35 PM

Overview of sea turtles and sea turtle research
 in the Hawaiian Islands
 Sea Turtles in the Hawaiian Islands:
 Status and Research

HA → 537-5100

1/17/79
WednesdayCall from Mrosovsky

Robert → 10% off \$11.95

Aloha → 826-1111
Budget → 12.50

3 PM 23 JAN 79 HA 542 ←

4 PM 27 JAN HA 301

\$50

1/22/79 (305) 647-2615 Richard
Monday1/22/79 Sylvester - (813) 893-3721

Mon

3143 - Director's office

but, Joe is in Fisheries Management

1/22 → Dallas Grady called - needy Kure letter.1/22/79 Talked to Kim Wright FWS

Monday

- She will send me memo to her boss on the State situation -

Just before Christmas, her and Streeter had a meeting at Fishal Cove - They had sent out letters to 1) ^{Home Corps} Permit Holders 2) Commercial outlets; telling of Federal law now in effect (error existed in letter). Walker pointed out that State Endangered Species Act only has prohibitions for Endangered species - not threatened. Law says that animals automatically going on Federal, also go onto State list. Meeting went well until Ego came in and announced that FG was not going to

help in the enforcement of Federal law - feds prevented
therefore feds could do all enforcement. Henceforth all
calls on turtles will be directed to Federal agencies.
Kimberly has received a few inquiry call.

Also, Barteo went to Guam and informed them about no
more Gysman farmed goods, representative apparently
contacted region of D.C., Region criticized Barteo severely for
not knowing that case was in court.

E: _____ 1970H: 52.3

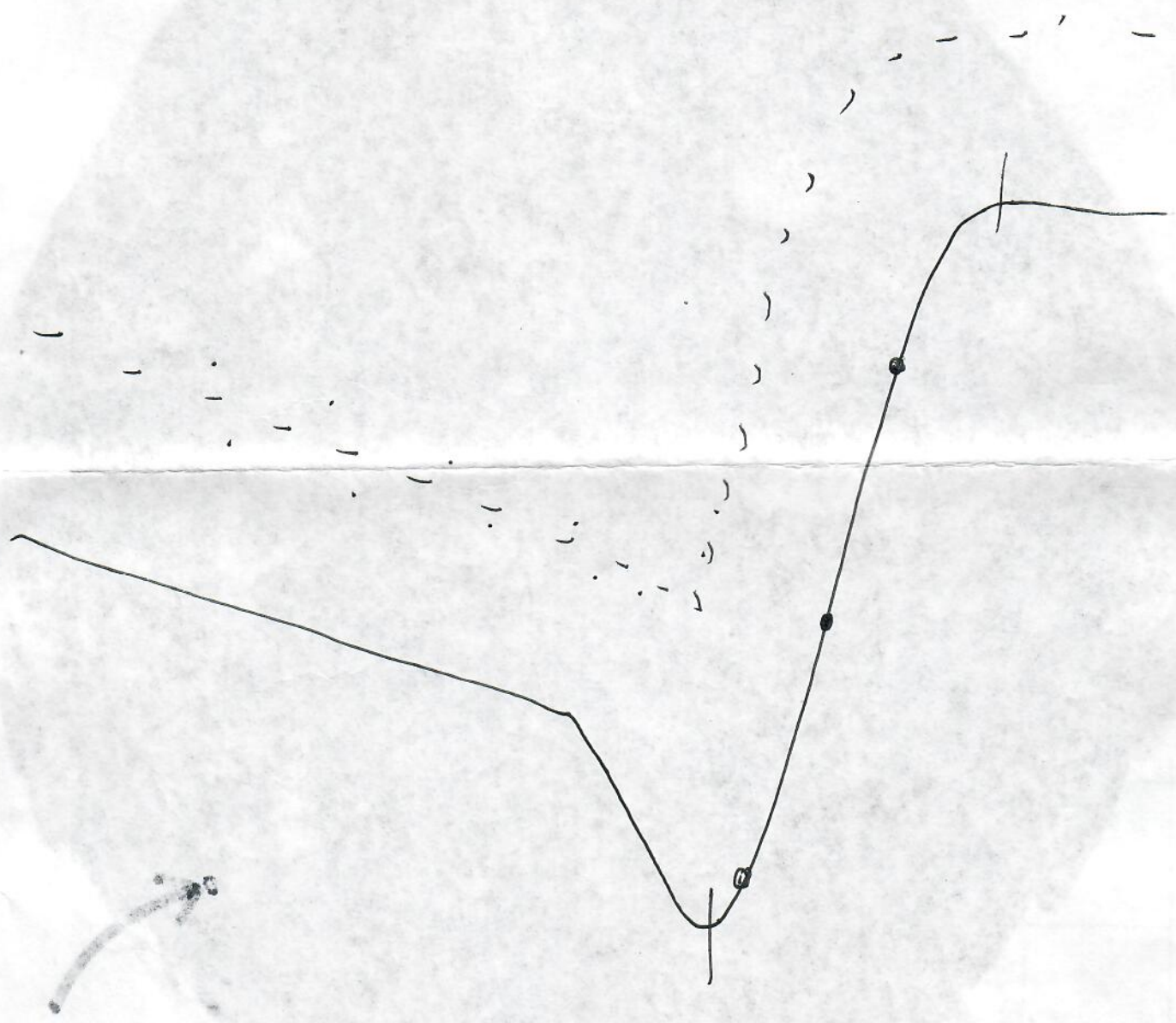


8.22 120591

- 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

1-11-71
00400 - 912

2494617

\$2206