

BALAZS

DAILY LOG - BALAZS
AUGUST 1980 - APRIL 1981

LIBRARY OF
SPENCER H. BALAZS
UNIVERSITY OF HAWAII
Hawaii Institute of Marine Biology
Crescent Island • P. O. Box 1346 • Kaneohe, Hawaii 96741

NMFS Turtle CONTRACT TO UH -
F-81-237-5-582-B-105

Kam Payroll
000924

LIBRARY OF
GEORGE H. BALAZS

G.H. BALAZS

UNIVERSITY OF HAWAII
Hawaii Institute of Marine Biology
Coconut Island · P. O. Box 1346 · Kaneohe, Hawaii 96744

Gilmartin NMFS code -
FT2000/88C5H100

ESA ANALYSIS OF LISTING p75

Guided Missile crashes in Area — p34

VERNON



COMPOSITION BOOK • 9½ IN. x 7½ IN.

AVAILABLE AS:

No. 1130 (09-9130)	60 SHEETS	COLLEGE RULED & MARGIN
No. 1130-P (09-9132)	60 SHEETS	COLLEGE RULED & MARGIN
No. 1143-X (09-9134)	100 SHEETS	COLLEGE RULED & MARGIN

No. 1130-P (09-9132) NUMBERED PAGES, No. 1143-X (09-9134) SECTION SEWED

Made in U. S. A.

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

p.36 10/23 NOTE ON CHANGE OF
p.43 11/4/80 SLP hatchling tags
p.103 3/19/81.

MAGEVE
235-5312

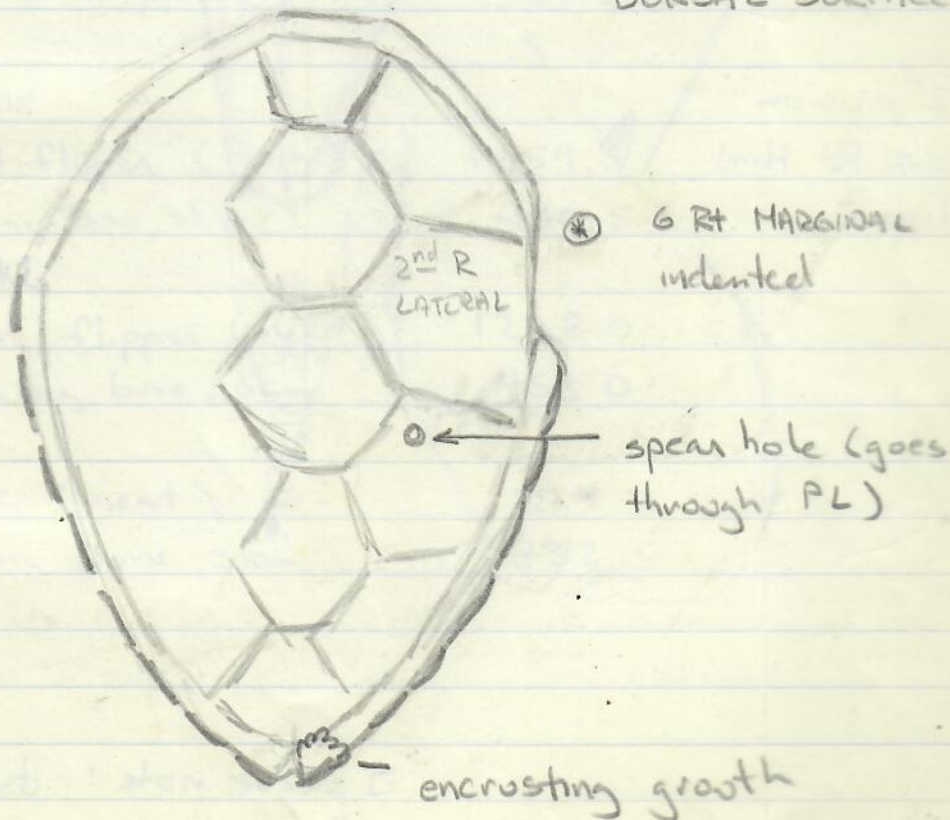
Processed 8/19/80

Need to
enter
in other
Gray book17 AUGUST 1980 KAILUA BAY speared juvenile
from John Topless 148 KUHUALE

(S)	41.7	x	33.1	⊗
(L)	^{44.5} 17 1/2"	x	15 7/8"	⊗
PL	33.4		40.3	
HEAD	10 7.0			
TAIL	3 3/4"		9.5 cm	
WEIGHT	24 lbs.			

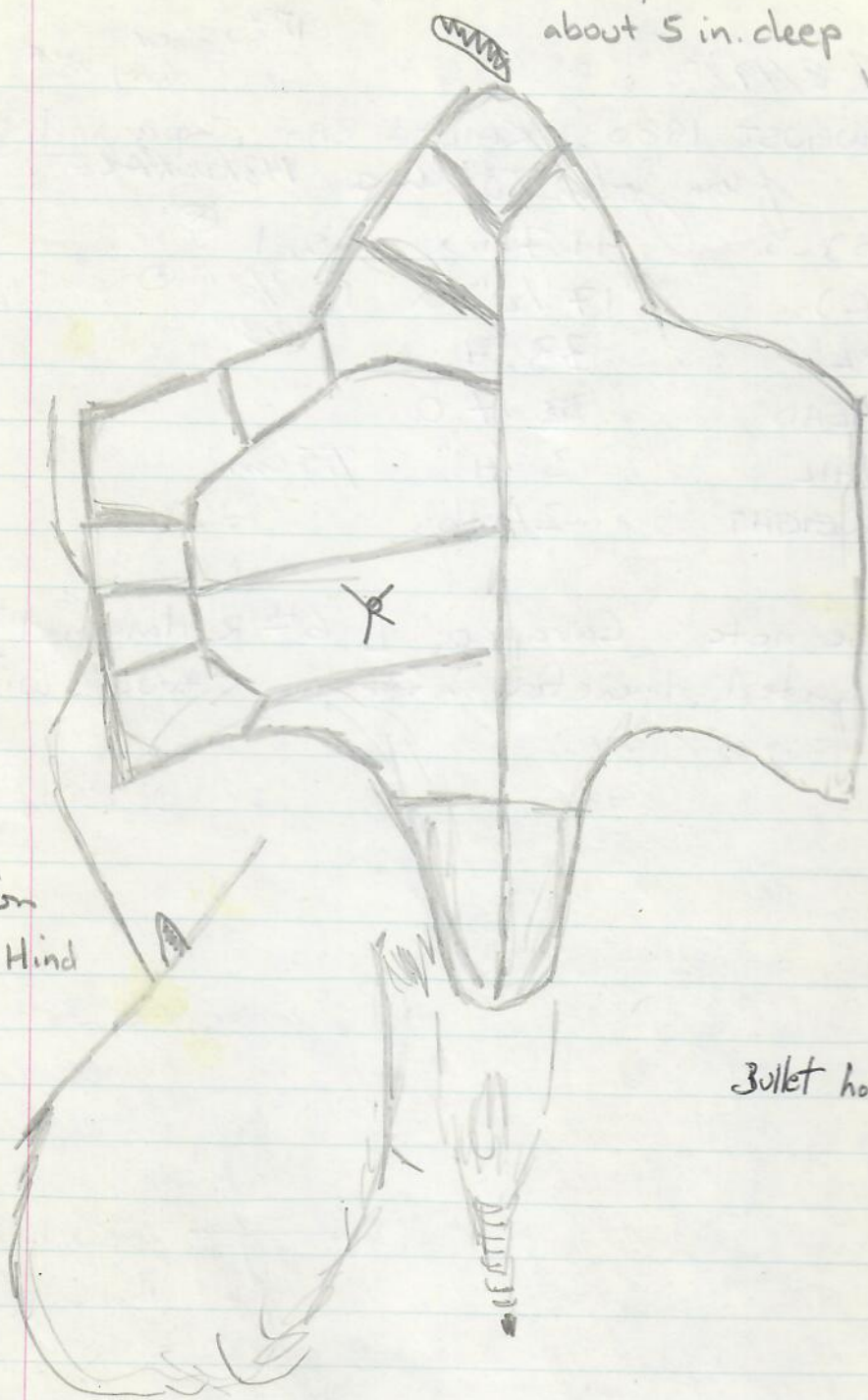
⊗ please note: Carapace [6th R. Marginal] sharply indented, therefore affecting "true" width

DORSAL SURFACE



~ 1 1/2" incision, neck
about 5 in. deep

VENTRAL
SURFACE -
PLASTRON



~ 2" incision
above Rt Hind
Flipper

bullet hole?

yes please note: Ask John if
he made any prior incisions into
the turtle (2)

FRONT QUARTER (head, neck, flippers)	4178.5
HIND QUARTER (flippers, pelvic girdle)	1029.5
PLASTRON	604.5
CARAPACE	1634.5
STOMACH and INTESTINES	2537.0

Head and neck attached	721.5
Lungs	155.0
Organs	278.0
Fat removed from carapace	294.5
Left front flipper	1734.0
Right front flipper	1715.0

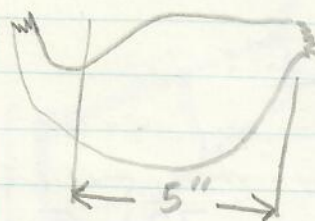
WEIGHT OF TISSUE

Left front flipper (meat)	1259.5
remaining bone, skin	430.5
Right front flipper (meat)	1228.0
remaining bone, skin	458.0
HINDQUARTER (meat)	224.0
remaining bone, skin	732.5

INTESTINES

LENGTH (Primary stomach → end cut) = 19.22 feet

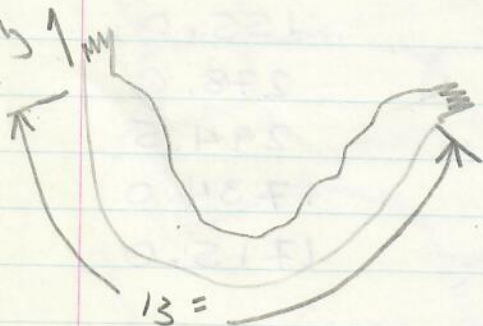
esophagus



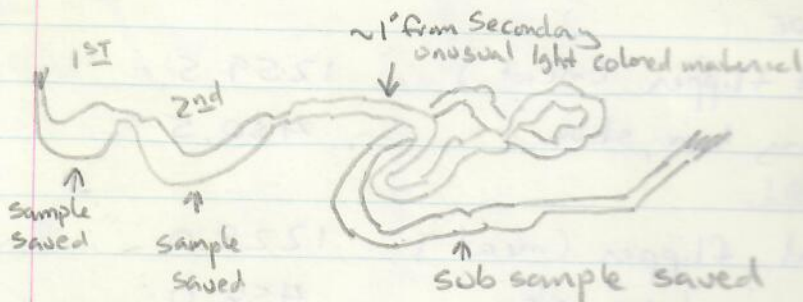
PRIMARY STOMACH

Total weight	374.0
Stomach	79.0
Contents	<u>295.0</u> g

to Primary stomach



SECONDARY SEGMENT	309.5
Segment	<u>85.5</u>
Content weight	224.0 g

8/18
Monday8/22
Friday

Jen Leighton Taylor

8/18/80 Monday Jerry Ludwig talk on reef fish at Hawaii Audubon Society meeting
600 species of fish in Hawaii, and 200 of these are only found in Hawaii.

Plant eating fish go in schools -
Damsel fish are territorial - guard algal patches
Herbivorous include surgeon & surgeon
Cleaner fish probably get more nutrients from mucus than parasites.
"Cleaner shrimp" also exist.

8/22 Friday ^{Telephoned} called NBT for batching by order.
51701

Ann Feylton Taylor

Mrs. Mary Ann Owens
PO Box 1164
Brooklyn, N.Y. 11202
Chairman, Subcommittee 1982

John Thomas
100-11 Elgar Place
Bronx, N.Y. 10475

Ann Mills ← see membership list ?

26-28 AUG 1980 USG - McDAUNY / WRE

29 Aug 80
Friday

Kilauea - 828-1520

called 1431
on 9/2/80 - talked to Schulmeister

Telephone discussion with Whittow concerning
possible future investigations of
egg clutch/hatching parameters and
sea turtle energetics.

KEY REFERENCES THAT SHOULD BE CONSULTED
WHEN ATTEMPTING A LITERATURE REVIEW
OF A BIOLOGICAL ATTRIBUTE OF SEA TURTLES:

- Hirth, 1971 Synopsis
- REBEL - INGLE & SMITH
- ERNST & BARBOUR
- BUSTARD BOOK

9/2/80

9/2
TUES

9/3/80

Mike

9/2/80 John Naughton saw 6-7 adult turtles (angle roted) along "scum line" at surface at Kahana Bay this past weekend - He was in a boat at the time.

9/2 Tuesday Discussion w/ Kim Wright indicated that owner of 2nd floor used to run a restaurant in Poipu, Kawai - sold local turtle - tough & stringy compared to tender Cayman Turtle. 2nd Floor & Nicks went together and bought 600-700 lbs from Distributor Steve BALL (now in public relations). Meat stored in freezer of beef company in same building. Remaining meat has now been made into soup (a few kg). Oyster Bar interview said yes we sold same Cayman imported. Kim will check on Hugg's - Kona - next month

9/3/80 Called Ken Dodd FTS 235-1975
Fed. Building - 546-5111
NMFS - Honolulu 267003

Mike Garcia - office 236 - HIG
948 - 8675
- 8665

8

Robert HIN ~~324-1295~~
Box 1149-Kona 96740

9/3/80

Gopal

845-9154 (I made an inquiry -
but no subsequentSusan Kay

- Brother saw? Turtle nest at Diamond Head(?)

called

9/4/80 -
Thursday(904) 392-1721 - Wayne King
called FTS Dona Finneley 235-~~9~~407- Carl's home is 637-7065 Urialua
Kishinami

Measurements of 3 of the 4 albatross plumice specimens

8cm	x 5.5	x 4.5
7cm	x 5.5	x 5
7cm	x 5	x 4

turned over to Garcia - 4th was small,
5th was large & porous - w/goose necks attached
(found along shoreline).

SKI Lloyd indicates USCG flights
(one stop at Kure) 23 September;
7 October; 21 October.

9/10/80

9/10/80
50

9/11

Mr. Alexander Moeaya Ata
(Minister of Fisheries)

Senator Bruillard

Patrick Galeron

9/10/80 → Call from Colin Finjus concerning

Brisbane → Henderson
TO TO STUDY FLATBACKS
80 mile beach

But see
ACTION PROJECT #46

- 1) INCONEL TAGS
- 2) Concern about tagging project around the Pacific
- 3) concerns about letter sent by Archie Scallop trawls don't catch turtles

9/10/80 (504) 344-3246
505 PM

Dr. Karen Bjorn dal
Baton Rouge, LA

PLAYGROUND

9/11/80

Building Permit office - Frank Kanehira

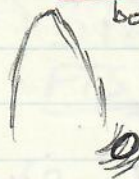
Comp. Zoning Code - 523-4553 Joyce Kobayashi

11 SEPT 1980

TELEPHONE CALLS -
 or. code - FT2000
 Project 88C5H100

TOAMOTO TORTLE

TAG NO. 2497 RFL 2081 LFL

(S) 55.5 length
 bottom viewnew
brandingleft side neck (actual)
20 sec. FR 22dorsal RL HIND
15 sec
FR 22

- ⊙ Tag number (TAG NO) is very faint on RIGHT SHOULDER ventral surface

- ⊙ Burns on Left Shoulder (ventral surface) scar but no pigmentation FR-12 action

TAG NO. 2051, 2495

(S) 51.0 length

- ⊙ still has hole 11th marginal Right
- ⊙ left side of neck → still dark scar
dorsal skin of left front flippers
- ⊙ healing hole on 10th marginal Left

NEW

RFL FR 22 25 seconds

skin branding

LHFL

new branding

Tag
24
2089/12/
FRID

9/12

show

TAG

9/11/80

Tags

2498

2053 LFL

~ 5

Bans on plastic
(left on)SL - 60.9PL - 49.0

9/12/80

Kawai - FWS

828-1431

called

2x

FRIDAY

9/12/80

Harry Kawai

- Ni Marriana

Resource study - Cornwell

Has green turtle eggs - 78 from
Elato - sail boat in Saipan, to be
flown to marine lab and reared.

shown -

TV movie -

From the Depths (or Deep)

(giant
hauksbill)

TAYLOR:

Depart 24 Oct for FFS —

10 days of shark fishing —

Boat returns 15 November 1980

Need flight
out of FFS

BONE TO BE EXCISED - cleaned ^{accomplished} ^{young} 1981

JUNE 1980

East Is. mortality

14 September

FFS ♂ Rt front flipper missing ⊕

Sunday

(S) 87.8 x 70.0

CI

(C) 93.0 x 86.0

PL 68.7

HEAD 12.0

TAIL 38.0

WEIGHT 165 #.

Lots of green fat along margins - also plic area.

△ EYES SAVED - (FROZEN)

Red algae on skin, big skin barnacles on hindgt

⊕ RFL - phalanges

~~severed~~ severed, lacerations ^{ulna, radius} ^{intact}

note: check for tooth remains

tail, severe laceration ~ 7 inches

L Hind - laceration, sliced, both sides

Photos taken - a) whole body b) ^{bite} injuries on tail & hind flippers

⊕ Second "L" Marquid injured - healed

examination into the skin and PL reveals 4 lead shots (size?)

Barroche in plaster that could be stephanolepas.

1st & 2nd stomachs & upper intestine taken to lab - contents preserved -

large pieces of Turbinaria noted.

See Nancy Whittier about fat check for Ciguatera.

15 Sept 1980 call Kawai 828-1431
Monday

9/15/80 called Sharon Worley (505) 766-3974
or FTS 474-3974
will go to Ponape for 2 year IPA -
Information specialist - not a biologist.
Jack Woody's - Endangered Species Office

9/15/80 Holmberg called - proposing meeting

9/15/80 Ernie Kosaka → 546-7530

Monday

2-8 November

(3-7
at Rose)

(7-8 November 1980)

vessel - Wihani

→ commercial fisherman

depart
Hono

Sunday Nov. 2nd

\$ 110.15
640

- 3 day - # 650

5th Nov.

607

Depart 5:15 PM

arrive 9:30 AM

12th 14th

11:00 PM 5:15 AM

Continental Airline

→ 955-1155

HPD - 955-8111

Lt. Lee ID. -

15

Bullet in turtle

See Gilbert Chang specialist

New Guinea ^(Munro) ~~swam~~ brought to observe NHI Symposium was paid out of NMFS turtle budget - FY80.

Marshall Is.

Waikiki Aquarium 9/17/80

from SLP

L wed. w

→ Hawksbill 55.2

40.9

(from HiLO Panewa Zoo)

Green 62.2

50.3

(Curve) L 65.5

underside length - 51.2

w 58.0

tail - 10.5

Marshall Is.

tag # 3288 left
3650 right

Steve Kaiser returned it to the Aquarium - bring other turtles

End of flipper partly broken



9/17/80
~2pm

4 basking females
out at 2:26pm at SLP park
one w/ hind flippers bitten also
has flaking scapace.
2067 LFL

2987 RFL

2980 RFL

Call Whitlow

Helen Alton interview:

Project leaders -
team of researchers
headed by

June
6-1 July

- Symposium article by GHB as background
+ Proposal?

- Lead shot (dead ♂)

→ Mallek Photos

- 1.) Call Carr - attractive photo prints (5x7)
- * 2.) Postcards
- 3.) Articles Books ? Encyclopedia of Turtles
- 4.) ITAEV Uchida Loggerhead articles
- 5.) B. Neitzchman articles
- * 6.) My Booklet (?)
- check 7.) Dillingham Calendar - Chris Newbert
- * 8.) WWF film strip slides
- 9.) Turtles of the World - Britchard kam ←
- 10.) Loggerhead - SLP photos
- 11.) Dermogalagya drawings on slides
- * 12.) Loggerhead BW drawing
- * 13.) Hawksbill BW drawing
- 14.) Newbert photo slide - green OW
- 15.) Cayman farm brochures

Suggest¹ different types of special behavior
for each of four -

In letter
to
Mary Ann OWENS

- 1) swimming
- 2) nesting
- 3) sleeping
- 4) basking
- 5) basking
- 6) egg

18 RM.-6307

MEETING AT ECOLOGICAL SERVICES

45 minutes
FACT FINDING

* because unresolved
- by letters & effort
taken for telephone see it as a

How?
Determine procedures

- Very complex

EIA?
ROLE?

issue - possibly precedent setting case

Responsibility?

DLNR opposition - 1) Access to their own Sams,
2) Reduction of recreational/commercial fishing

Name - Danger Zone

Comments by P. Galloway - not fixed at 2 days
no notification system

How evaluated
What studies

• FWS

• KMCAS

• ACE

ROLES?

- State laws -

18 SEPTEMBER 1980

MASU Dyer

609 Kaimalino Place
Kailua, HI 96734

19

~~Mauri Matsuda~~ - Army Corps Engineers

~~Tom Habbit~~ - staff biol. } week ago
last Friday

~~Bill Levin~~ - " " }

Nevin Holmberg -

w/ Jim Bantee
went to Mokapu

Probably Oct 6

Lori Matson-Buckley Home 235-6388

→ Dave Scarlet - Frog Pub. 949-5961

20

Brought back by Letta Longant TO TERN ISLAND

Freq. 200

(start of natural EM) 107 - hatchling from 200
3 infertile

19 September (1)
1980
FRIDAY

Nothing - fenced by John just a day or so before

are live hatchling taken from a crab in the morning } put with which Group?

- emergence site seen
73 live excavated
3 infertile

20 Sept
SLP
SATURDAY

16 lost in overflow of tray - 200's hatchling of ~35

6 found by Bill at mid in office rooms

need bone drill

- Gerardes may have found some and put them back in tanks.
- Also, one went down drain and was found in rocks by turtle pond.

21 Sept

(Darkening glaston noted in hatchling we brought back 5-8 Sept. Photos taken on ~~Ektachrome 64~~ Ektachrome 200 and ASA 64 also of 200's hatchlings

Herdickson - skeletal material for CTF 6 depressa from Australia

22 September 1980 Monday NMFS Lab 21

→ Stoneburner Discussions
introduced by ~~Dr~~ Craig Harrison

tracked hatchlings -
Nest ~~hatchling~~ temperatures
Foggyhead showing total - plane & visual
22 hatchlings - all went into estuary Both tides
in 0.2g towed a ~~12~~ 2 foot tether
Jekyll Sound

accuracy of .5 km
45km to bank
max. 600 km to the north

photo LONG'S DRUGS - 235-3737

LIGHT INC - 946-8100

ALFA - 533-3828

9/23

- KAM - RCUH payroll
000924

Alan White - Student of Sheila Conant - worked in Philippines
- Sanctuaries -
- 12:30 PM

GSA - Vehicles = 546-7193
OTHER ISLANDS

Nat. Cas. Act
922-6461
GSA CONTRACT

NO CO-RATIONS

Defense Logistics Agency - 546-3140

S. Ono - Box 621

Honolulu 96809

TEL. 548-6550

called

NIITANI - Lihue 245-4444

Telephoned 9/23/80 - Tuesday

Possible joint trip late ~~Oct~~
20-28 Oct - Miloli'i about ~~access~~
North currents starting to come in - mid-sept.

called

885-4453

Pete Hendricks

change
247 6631

- Therese Hayes - Mawa Kea Beach
- Lisa Bouche (Kawaihae)

9/21/80
SUNDAY

Justin Rutka saw large turtle
with extensive tumors sleeping to
save ~ 1 mile from Chiranan's Hat
outside of Kaeohel Bay

SAW AT
LONG'S
KAWAHA
MAD

Sheila Conant - 948-8241

24 Sept Stoneburner - Seminar
 Wednesday

from Dijon
 Needs: bone screw sample
 : transmitter

Dave Scarlett - 949-5961

Torg Publishing

[500 x 12 each

\$1500

~.30 each

Watercolor prints

dull - white border - frangible prints

Trail side plants of Natural Park

wire ball - representative prints

obtain
 copies

Color separator \$100-175 each

check - Call - Taylor, Gift Shop

- Bishop Museum

- HAS

- WW Distributors

Sherwood - (415) 398 1411

K. WRIGHT

6750 Hono Kai Dr.

N. 1307

96825

9/25/80
Thursday → called
→ 322-2577 - Pete Hendricks
→ 885-4453 home

Kimmo LABERO - AHi, etc
sets longlines for
(may also catch Tiger sharks)

call Ed Stallerberg - pet message
261-4959

~ 9/23
Tues. Chris Pangshita at SLP observed
Pomarine trying to copulate with
green turtle in Reef Tank. Note
that tail has been lengthening.

Ruth ^{Wofle} reports that "Jorgans"
caught likeip green when it was
released from Aquarium beach on
9/22 Monday evening -
need to check further -

9/2
Frid

recom

9/29
MS

9/30
Tuesda

9/26 Pearl Harbor - Lt. PINE 4719670
 Friday 8970-00-577-4513 NP

Meal, Combat
 menu NO. 1-12 12 meals
 MIL-M-35048

Barbara

1348 ← form IN FILE
 UNIT ID CODE ←

recorded 9/30/80
 Tuesday

Turtle frequency 200 - on carapace,
 presumably

Toys 48-97 = 50
 98-145 = 48
 TOTAL = 98

"other" clutch - Toys 201-225 = 25
 Includes
 some ~~also~~ of 200's hatchlings
 226-283 = 58
 TOTAL = 83

9/29 morning - Chris saw tracks on SHP
 Monday beach

9/30 I saw 2 digs and single tracks
 Tuesday on beach - (dig possibly could
 have been ear?)

9/30/80 -
Tuesday

^{Bickle}
Bruce Bickley -
DCAPE
Information & Education

Resolution
of
case?

18" turtle recently confiscated -
Dead under lobster nets in
boat - floating at beach -
live when removed, as admitted
by fisherman.
Bickley want photos of
3 turtles for posters.

29-30

SEPTEMBER

Mon - Tues

PACIFIC ISLAND ^{ECOSYSTEM} WORKSHOP

Coggeshall's talk - IRP's
developed by Greenwalt -
No. 20 National - Endangered
Species in the Pacific Islands

Some activities - Restore Migratory
seabird colonies (reduced by cats)

E. Light Wintemitz - Barbara Vogt
work with Jackie at
Environmental Center

PIE (cont)

Red algae take up chlorinated compounds - known to be carcinogenic (Steve Smith)

"Models" for growth - recruitment

According to St. John - Mr. Stokes examined Capt King's original notes of population estimate - 400,000 thought to be a gross "overestimate". [Science-inspired Management]

Big oil spill at Wake (Margos) year?

How are they produced? How do their life-systems operate?

Peter Galloway
1825 Anapuna Apt 204
Honolulu 96822

~~947 4045~~

235-4082
46-183 KAHUKU 18
No. 82
Kaneohe 96744

10/2/80

Thursday

Meeting with Sue DeFluer & Keith Kruger

Keith Kruger - 2727 HIPOWAI PL
Hon HI 96822
988-2989, 948-7361

28

LECTURE TO

SLP Docents

off Halewa

10/6/80

10/1/80

Ardie Cooper

turtle beds

Wednesday

46-116 Nahiku St.

Kaneohe 96744

dives with "Vivian"

~~not sent~~

10/1/80
Wednesday

Meeting at Sheila Corant's House

Paul Howard - Vice President
Nat. Audubon Soc.

address?

Anna C. Kooheaulii

Conservation Committee Chairman
Sierra Club, Hawaii Chapter

Boh 22897, Honolulu 96822

247-4113

called
10/6/80

10/3/80

Kawai

Schulmeister

- still there

- John saw some tags

- not many ~~see~~ turtles
seen during surveys

PATSY T. MANK

941-1037, MAIKAI

671-0793

Waipahu, HI 96797

10/6/80 Call from Ruth Itner on Hawaii 29

Sue reports high frequency noise on all table channels except 450Q (only one still present). I asked her to find out if 200 also has this noise. Crystals in scanner are bleeding bad. Noise only in scanner?

called -
10/6/80 Mr. Robert Hind - 324-1295

Kaunoi Hwy
Jose Restaurant -> Kobayashi
up-Sunset Drive from Hauku
to Ron Marlin, to the end
on OWO, left

called 329-5677
Want a rep from NMFS
first drive to right on driving concrete 2nd house

Stanley Gibbons priced postage stamp
Catalog -
Mr. ^{TONY} Blazki
Pearl Ridge Stamp - evenings & weekends
488-4707

Honolulu Stamp Company 533-1141 Jim Turner
10-3 PM

30 called
Mr. MALLER -

ted ~~pettit~~ talked to
→ Roger Evans
DLNR
Deputy?

10/6 732-2682
Stamp meeting will be one week
from this coming Friday.

ASAG4

10/7/80 ~~#760~~ -26-28
TUES
^{5-8x} _{sept}

Photos taken of hatchlings

#104 ^{Freq 200} Photos 29-30

#26 ^{5-8x} _{sept} ^{fruitie} Photos 31-33
32-34

noted "translucent" spot in center
of grafts (necrosis?) Probably "surgical glue"

10/6 Monday Meeting at NMFS lab with
Rob Shallenberger concerning
Chomwell scheduling

called Ruth
ITINER
10/8/80 (200 - ^{still hearing} yes - different pitch
351 ^{But} also squeaking, but
491 ^{Channels}
511 ^(high pitched noise))

10/13/80 - left fork at TRIANGLE - 31
Wayne Gagne - Go up Pinal
HAS BOARD MEETING First left
Left on Ferdinand -
St. address 2310

10/8/80 Talked to Charles Yamamoto by telephone.
Leighton

→ Shark Attack against Man - AIBS -
by H. David Baldrich

→ Shark Attack! Popular Book

WWD see recent
→ Shark Magazine ← check with Taylor
in the letter - as to year

Meeting with Rob - Jerry at FWS
15-19 December 1980 tentative
dates for removal of concrete
slabs.

→ (22 October - 1PM meeting with
Rob concerning Rose Atoll
need xerox of Oct Calendar

2 Oct 1980 ~~was~~ written

"We had the most wonderful visitor - patient - honored guest at the clinic - A Reddy sea turtle (L.k.). Supposedly, the public caught it on their fishing hook @ oyster creek, which is about 2 miles inland from Freeport. They had someone from the zoo pick it up - she (?) looked OK on the surface except for 2 parallel abrasions on the plastron that looked suspiciously like concrete burns (possibly). I took some pretty nice radiographs & there was a huge treble hook in the esophagus. Gary didn't want to go from the outside because the 5010 esophageal tissue heals so poorly, so we put her in a garbage can (she was small - only about 2' long & weighed 12 lbs 3 ounces) & gave her Fluothane @ 4% and O₂ @ about 3 liters/min for 20 minutes, until she was "relaxed". We rounded up all sorts of odd, long, instruments & devised a mouth speculum & after a lot of jostling

Bill's telephone conversation of 10/12 with informant -

Temp 21.5°C - no tog and no evidence of being been tagged - encouraged to publish

around, Gary wiggled the barb free & cut the other 2. The hook was stainless steel & a bitch to cut. He made 2 small incisions on the esophagus while trying to get out the barbs & she didn't even bleed - not a drop. Is that common? Was it just because of the anesthetic? Do their peripheral circulatory systems constrict like pinnipeds' Her throat! I didn't know their whole throat was covered w/ papillae - covered. None of use new quite what we were doing! I had so many questions to ask you! We swabbed her throat with dilute betadine & put her in a small stock tank - H-W Marine Mix® water after she was awake. Her respiration was strange - we tried to keep her stimulated so she'd wake up quickly & she kept taking gulps of air & then expanding her throat greatly as she released the air. Gary thought perhaps she was having difficulty breathing, but it almost looked as if she sounded like a defensive gesture to me.

FWS came the next day @ 11 AM to pick her up & release her.

somewhere - Galveston.

References examined for shark attack paper.

A 2/23/63

5
4
3

S 2/4/60 1:1

A 2/6/60 AI:6

40 miles SW B.P.

A 2/13/60 ~~Sat~~ AI:1

Crash claims
Navy

AD 7 135 NE Oahu ANON
SP 1 rander - 15 Feb
AD 7 Pilot

Storm B. 1960. Navy Twin
Plane crash log: 'Down ^{Crummy} ^{Trunks}
into blackness. THAI:6
Feb AI:6. Aircraft - Yorktown
(wed.)

* For fleet fuel missile
crashes in canyon near Area
Regulus from sub

Anonymous 1960. Plane crashes
off Oahu 3 die.
H S B 4 February :AI

Bryan Wyatt - ^{new} Beach Hotel

K/HOLO
EXPEDITION

14-20 Oct 1980

NEXT EXPEDITION - TAKE SCUBA

10/21/80 Meeting with Dr. Helfrich -
try to obtain "R" appointment, through conversation of boat operator concerning future at HIMB.

10/22/80 Meeting on Rose Atoll trip, with
Wednesday Rob J. Shallerberger at Federal
Building:
1. Study plans -
2. Equipment & Supplies -

Schedule FFS slab removal?

- 20-30 food packets
- EHT transmitter
- CB
- Tide tables for Rose - Moon phase
- Star Scope for hatchlings
- * Environmental consultants report?
- skin diving gear

Wayne King - (904) 392-1721

The Navy Surveying Expedition to the
Phoenix and Samoan Islands, 1939

by J.P. Schultz
Smith. Explorations, 1939 p45-50

10/22/80
from files on Rose Atoll

Science N.S. vol LIV No. 1399
page 390

(E.H. Bryan - Paradise of the Pacific
vol 51 (4): 9, 25, 26
April 1939

10/22/80 Information from Annette K.

→ Susan Heftel - UH Law School
- attended Workshop & Sierra Club
meeting

*

10/23 During the past few days, tags
on SLP turtles (hatchlings)
have been changed.

10/23 → Kenai Helicopter \$375 - 4 people 250 lbs
+ Baggage
MARTHA - TRADEWINDS - 923-2071

392-
1250
Carr's

From
10/24

From
10/24
From
10/24
From
10/24

392-1250
Carr's Office

Carr - Zoology Dept 904 392-1107 37
U. Florida 392-3261

Telephone Discussion for Annie, Anne

1. Plastron of Manata turtle - myobrenatus
2. Statement to group members? What's it all about? Ask for suggestions?
3. Status of Proceedings

Friday

10/24/80 Called W. King Action Project

4. Funding as Post-Conf. Coord.
5. INDIA?
6. SSC Meeting
7. Hendrickson ANNE on Group - Depressa from Annal

Called Carr 10/30 Thursday
from home

"catch a wave" concept

Anne on the line also;
Mentioned reviewing depressa proposal Request
from Hendrickson; copy

Just mailed a response to Limpus.
Hank MS of Limpus reviewed - critical of Carr.
Discussed Manata turtle - plastron color -
Will send photos.

Larry Ogren has short article on
Loggerhead at 500 (?) -
Proceedings now in order?
Letter response from Mrs. Mitty
about releasing turtles from farm -

A sense of God in nature - A sense of
uncomplicated pleasures -

Wayne Gagne Tel. 941-5659

letter sent
Paul Howard - Betsy
 Sacramento - (916) 481-5332
 California | 555 Audubon Pl
 Sacramento

10/24/80 Meeting with Whitton :
 FRIDAY
 (Martin Garnett worked in
 Wildlife Officer Seychelles
 Christmas Island
 Republic of Kiribati)

Obtain for Whitton:

Helping Christmas Is. Report - Sea Grant

→ [The Christmas Is. Story by Bailey
 Story Internat]

10/24/80 Visited Linda Collins about cover photo -
 FRIDAY Rejected

Meeting with L. Taylor -
 note - Hyatt Hapori quarterly magazine
 - telephone for further information.

10/25 "Those Amazing Animals" featured
Ross Whitman ("Whittman") head-start
 project. Showed loggerhead nesting,
 but called it a green turtle.
 Emphasized destruction of hatchlings
 (~70%) by attraction to freeways -

10/24/80, education material - generated & make money available
 PURSUE KAVLA CASE
 WHATEVER RESPONSIBLE EXTENT
 CALLED FOR
 2
 3
 4
 5
 6
 7
 8
 9

HAWAII AUDUBON IDEAS :

10. Further educational material - generate & make money available
 11. Operating expenses
 12. Gift & repairs to select people & organizations

EXTENT
 KAULIA CASE
 REASONABLE
 FOR
 WHATEVER
 CALLED
 PURSUE
 TO

1. Increase membership through tourist subscriptions - Announce General Meetings
 Tear-out in Hawaii's Birds
2. Cash flow - through 6 month certificates
3. Legal Assistance - stipends to law school or environmental center students
4. Contest - scholarly papers - or editorial writing in Hawaiian Environmental Conservation
5. Specific conservation goals to work for (the year)
6. Increased monitoring of government activities
7. Solicit conservation idea, problems from membership
8. Solicit Action letters from members (to bureaucrats, letter editor, etc)
9. Press for more action on our behalf from National affiliation

CONTINUED P 44

10/27

Date: ^{see}
+ Naughton
Steve Kramer reported that
hatchlings were attracted to
ER lights - measurements
taken. Anchored ~ 1 mile from coast.

10/27 - Called Ken Dodd about brochure
and poster - Prehaul proposal -
Florida State permits 235-1975

10/27 called Bob Justman for FTS flight
15-1974

10/27 Kawai 828-1431
Bob Schulmeister -

Charles Oravetz - FTS 826-3366

EKberg - FTS - 826-3270

Seidoff - FTS - 499-4251

Ogren - ^{Parsons} _{C. & Lab} FTS - 946-4232
Commercial (904) 834-6541

10/28

Called Karen Bjordal -

(504) 344-3246

Baton Rouge

~~Wednesday~~
Tuesday

10/30 - \$375.00 hour
Mama Kea
MARITHA Beach

#518.00 + TAX both
TRIP

Paradise Helicopters

#390 + 49.

45 minutes turn around

Hono - Molokai - Ilio Pt

125 KTS

Hughes 500 D

5-Blades

Kawai Air - Kawai ^{direct} 536-9947 / Maui 661-4426
HAWAII 329-3817

Biblio
Perry

Rose:
Petros,
SANDRA?

C. Yamashita - mailing
1818 Anapuni Street #305
Honolulu 96822

TEL - 941-4784

10/29 Wednesday Called Peter Connally at 565-6688
LANAI home; 565-6242

10/30 See previous page 37

10/30 Thursday Called Dan Moritani - NO CONTACT W/ TERN
Called John Andre - Kawai - 828-1431
at home 828-1520

10/30 THURSDAY 2 NET IN WATER - BELLOWS -
6:15 PM - → NO turtles observed

10/31 FRIDAY 6:30 AM - ^{Tag recovery} turtle in net P. 42
sun already up

11/2/80 TAGS ~~16, 26, 80~~ (Graph capsule), 104,
#16, 26, 80 (belly)

SUNDAY 248,

visited SLP -
Kathy reports ~ 1 mortality per day.
I noted some algae on backs.

NO "45" in bellows Gray book

EXPED. 19

10/31/80

BELLOWS, OAHU

Recovery

S - 54.5 x 41.9

2650 L

C - 58.5 x 50.0 cm

2550 R

PL - 43.0

HEAD - 8.4

TAIL - 10.5

WT - 47 lbs

pick up
Pehelo
Cabo Rojo, To.
Kim

Net out - 11:30 AM
Tried to seine turtle
seen close to rocks. Apparently
if left before we started,
not saved

- Anchored found in mouth
- a few pieces of Ulva taken from stomach

Small quantities R & G algae
periphery of PL - yellow/orange
clear center to PL

lots of pink coralline on
cardcase

3 "prog" (?) holes in secar/central
no skin baracles

photos #1-2

Recommend
Prohibit
Fishing
Post signs
AWS

11/4

#25-

#21-24

#33-

#34-3

photo
done

11/4

TUES

#38-30

+34

11/3

5-

11/7/80

11/7

Friday

11/4/80

SLP - old tag

#25-267
 #21-24 extra central x 26
 #32-34 104
 #30-32 248
 Photos to #200
 dorsal ventral x 80

82 x 72
 95 x 73
 74 x 63
 83 x 73
 79mm x 67

Photos of capture turtles

new flipper tag
 No. 316 2nd ring
 326 innermost
 504 innermost
 648 outermost
 780 outer
 119 x 97
 #20
 #17, #18
 #15, 16
 #19 flash
 12/30

see also pages 66-67
 43
 for location

Photo numbers
 12/30/80

11/4 → SLP Digging noted in beach during
 TUES. last few days.

#28-30 take ~~618~~ 618 # 89 x 71
 +34
 116mm x 100 12/30

PHOTOS
 12/30/80
 #12, 13
 #4 ventral

11/3/80 Big female turtle placed
 again in pond - being bitten
 again shortly thereafter.

12/30/80 (643) TAG
 Photos
 #25-26 - close graft - flash

5-15 NOVEMBER 1980 A. SAMOA - ROSE HALL

11/17/80 Called Keith Kruges about kaula

11/17 Monday Visited SLP - saw neurons
 in green grafts look like they are
 flaking.

AUDUBON (continued)
from p 39Ekpaio
Insects

J. Anderson article - distribute
(insert with Ekpaio - means
of distributing various items.

REPRESENTATIVES for HAS at other
locations - revamp

- continued on page 56 & 61 -

Colonel Theide - A.C.E.

11/18/80
TUESDAY

Discussions with Bob Humphreys about leatherback caught in lobster line at Kure - Three photos seen - negatives forthcoming.

Discussions with Scott Andersen and Bill Streeter concerning report by West Coast ^{albatross} fisherman that Squid net fishing boats north of Midway are catching leatherbacks, seals - put them loose and let ^{Swedish} Atbacore them drift away. Section of net in Streeter's office - ~ 36' deep light lead line - mesh stretched 4 3/4". Photo being duplicated.

→ Saw 5 - certain 3 were dead
John Naughton was also present during interview - 30-40 vessels seen -

Marianne Riedman visited NMFS office on her return from Heron Is. - humpback studying turtles in the water for one month. Lots of problems with paint rubbing off.

11/19/80
Wednesday

Called ~~Bob~~ Schulmeister at
Tern Is. - ~~828-1431~~ - from HIMB,
(13 Nov) was last day of monitoring, of (remaining) turtle.
In equipment - ~~450~~
→ noise there, but not real evident.
Crystals still "bleeding" in scanner.
Requested that gear be sent in on flight
that is there now.

11/20/80
Thursday

Endangered Species WORKSHOP

should
iron

← Dave Wesley - Wash DC (OES)
- Wayne White - Portland (Sec 7 Coord.)

First Act

1966 - DOAg, DOD, DOI

1969 - Act' Reaffirmed

1973 ^{added} how to list, Sec 7; Coop. agreements w/ states

Jan 4, 1978 Sect. 7 regulations promulgated
C.H. (Federal action may AFFECT)

Nov 78 → Economic analysis
exemption process - 7 member panel

Dec 79 → ACT Amended twice

① Requirement for "conference" for proposed species
Need of up-to-date Act, as amended

11/20/80 need to request -
Thursday

SECT 6

Regs Cooperative agreement with States

Sec 8 - (CITES) INTERNATIONAL cooperation - ~~TRAC~~

Sec 9 - Law Enforcement can't take

→ Listing Species & Critical habitats
"To be done simultaneously to
maximum extent prudent"
Plants - provides a map for collectors
least term - nesting sites ^{used} may change
from season to season.

→ Economic IMPACT OF SPECIFYING C.H. -
"May exclude areas from C.H. if benefits would
outweigh C.H. designation. May not exclude
if species extinction would result."

for FWS species

"Who prepares a recovery plan draft?"

Recovery Team

OS Gov. Ag.

State FW Agency under coop. agreement

Interagency Committee

Private Indiv. or Univ.

others

"Who prepares completed version?"

USFWS Regional Director

State FW Agency

20 NOV 1980

"Who Approves" ?
FWS Director

Thursday

- Recovery Team does not
1. Have authority to implement
 2. Speak for any agency
 3. Approve a plan
 4. Become involved with socio-economic & political
 5. Solicit funds through ^{political} pressure
 6. Become an activist group
 7. Divest govt. agencies of any responsibility

Contract to prepare plan - (at least 5 yrs) (?)
 "Step-down strategy" - (implementation schedule)
 i.e. habitat acquisition, etc

THE ACT:

"IS NOT LIKELY" to jeopardize (or *destroy)
 (or *adversely modify)

(2) Assess Current status of Listed Species

"does it have utility by itself"
 (define) "By itself"
 "is it worth anything?"

Service responsibilities

"interrelated & interdependent activities
to the Federal action"

(3) Evaluate impacts of activity, and cumulative effects (cumulative impacts)

Example: - Barber's Point (I should go and see "Grotto")
 Discussed at length

20 Nov Thursday

11/21/80 Friday

20 NOV 80 (CONTINUED)

Thursday "

Jeopardy" opinion - Then, recommend
reasonable and prudent alternatives.

(2) Extension Denied

(A) Cannot insure actions will not
jeopardize (01)(B) Must determine jeopardy or no
jeopardy based on best
available data.

Need:

Telephone or postcard
follow-up inquiry 2/26/81

11/21/80

Friday

Miriam Pillos

87-195 St. John Rd.

Waiānae,

HI

96792

668-2674

writing H.S. class report on hawkbill turtle.

- material sent this date

20 NOV 1980 weight + measure

Hawksbill turtles (2) from Waikiki Aquarium

AT COCONUT IS.

Larger turtle (missing portion of Rt. Hind)

Tag no. → ?

(S) 15.2cm x 12.2

(C) 17.0cm x 14.9

PL 12.7

WEIGHT 472 gm

Smaller turtle

Tag no. → ?

(S) 12.7cm x 10.1

(C) 14.5 x 12.7

PL 11.5

WEIGHT 376 gms

*soft - no rigid -
feel pathological*

[Retul a few
days later to Aquarium

Returned to Waikiki Aquarium Monday
prior to Molokai trip (December 1, 1980)

Gail Bailey (or Pitterson) -
turtles sighted in Kaneohe Bay
(works for Gilmartin)

25 Novem
1980

talked to
11/24/80 Monday
Gene Tinker
Hawaii 734-6987

1500 = 10⁴ per word
12-1500 words
\$75 photo-NETIME
\$350 cover photo
"OUTRIGHT USE"

→ 2-3 paragraphs
letter sent

Helbig - Hawaiian Services 841-0134
Min 8000 6¢ - 4" x 6" ("CONTINENTAL")
15,000 4¢ - \$480.00
\$600.00 3 1/2" x 5"
~ 120 days to delivery

25 November 1980
Called Karen Bjornal (504) 344-3246
from NMFS lab
Jerry Rogers, Atlas Electric - 833-0240

Talked to Dave Scarlett - Tong

New to check other Safeway stores - Gourmet shops

Kim Wright - Manoa Safeway selling ANCOA brand turtle soup (had 8 cans, from "new" Gourmet distributor based in Portland)

52 *

- Regional Tagging Program - 1) visit each (select) Territory 2) explain benefits 3) describe methodology 4) demonstration field studies
- consider:
- Great changeover
 - Administrative are in district centers usually for fun tagging
 - List references
 - Table of tagging data/measurements

11/27

Jean King's assistant Phil Esterman requested follow-up on One letter.
 Replac Dana Peterson
 948-7361

11/27

Wednesday

Keith Krueger - from telephone call to J. Davidson
 Search lights to spot submarines used for practice at Kaula; but phasing out to high intensity; parachute flares. Now doing practice bombing with 500 lb inert bombs ("puff" sound incorporated?)
 "log flare" parachute from 3000'

11/28/80

Talked to Car & Mortimer
 (904) 392-1250

from NMFS lab; discussions about "Farming" project proposal; Caribbean meeting sponsored by NMFS;

Vernon Byrd
 Box 160 E
 Aladin Rt.
 Colville, WA 99114

sent note about "barn owls" at Kaula
 ~ 11/29/80

from
 11/28/80
 Friday
 11/30
 Sunday

11/30
 Monday

from Derral

KAULA -

53

Euphorbia celastroides var. *moomoomiana*

11/28/80 Talked to
~~FRIDAY~~

Vicky Tuhako
EPA 546-8910

11/30
SUNDAY

Visited SLP for ~30 minutes in the afternoon - turtles seem to look better; Crystal violet treatment was apparent; several turtles were seen to be blind in one or both eyes. Some of grafts have taken and grown - particularly those right on seams. Bright white. (few?)

In reef tank I noted Pomakai - tail is quite long; large bulbs of fat projecting out from under carapace above hind flippers. In bookstore, I noted "renew" SLP description booklet \$1.50. Also in reef tank is green turtle, pushing head and neck in coral formation on bottom - "scratching?"

PROJECT IDEA:

Interview - talk to viewers at turtle pond to obtain information. Visitors come from foreign countries, local, etc. Seems like a good source for knowledge.

12/1/80
Monday

Visited Cindy Bower for interview
Porteus 118, tel. 948-7996

Dr. Jim Brock
 416 Kaha
 Kailua, HI 96734

AIRHAWAII -

833-1122

Royal Hawaiian
836-2200CARGO - 836-7274
7271

2-5 DECEMBER 1980 MOLOKAI

Pete Hendricks
 MAP - BOX 1327
 KAILUA-KONA 96740

Howard Takata
 MAP
 Richardson Ocean Study
 Center
 2349 Kalahele St.
 HILO, 96720

David J. Raney 524-1174

People/organizations to join in suit:

- Sierra Club
- Conservation Council
- HAS/Nat. Audubon
- Greenpeace
- Life of the Land
- Monitor (?)
- Manta (Ed Shallenberger)
- ER (Noftel)
- Kawai or other Fishermen organizations
- OHANA
- Save Our Surf?
- Nature Conservancy

8 December 1980 Kure @ W
 Monday During the first week of ~~the~~ December,
 Bill Gilman observed ~~the~~ evidence
 of nesting ~ 100-200 yards from south
 end of island - along east side.
 Evidence of dead vegetation.

Met
 12/8/80 Bob Gislener
 friend of Marianne Piedman
 Coastal Marine Lab
 University of California
 Santa Cruz CA
 95064

3663 Alani Drive
 Sheila Conant } 988-6527

(Coordinate with Environmental Center - JACKIE DOAK COX?)

8 December 1980
MondayAAS Board Meetingneed -
ID Sighting forms for sea turtles→ \$1,000 being held by Sierra Club -
State return from Palila case

(T. Anthony Gill - the Mull's
Lawyer - Big IS. Case
Bank of Hawaii Building
120 Kamehamehi St. Suite 306
Hilo 96720

(2nd Monday of January - next Board meeting
Pearl Ridge

— Telephone call TO Tim Burr for
21 Dec 1980 - Bird Count -
→ 254-3905
→ 548-5921

Need to - Call - Estelle about T-Shirts
- Bob Pyle
1) By-laws
2) Membership list
3) Membership forms

Bob Pyle 262-4046
836-2776 work

Attendee - Fanny Dale

(leatherbacks being entangled by
squid gill nets)

9 DECEMBER
1980
TUESDAY

Jerry Ray - Skipper of
Albacore boat

Saw 5 dead

44°N 173° - 175°E

July-August

Multinational
30-50
boats

also saw
Dah porpoise + one seal
+ Albacore + Mola Mola
old study by ^{Yam's} off L'Anai
Gill nets off for skipjack - caught
more porpoise than skipjack
2 1/2" stretch mesh, 30-40 lbs test
almost invisible

↙ New Zealand fishery converting from
jig to gill nets

→ Mike Lacey interviewed albacore
fisherman in California - They
were complaining about small albacore being
taken (1-5 tons per set being taken and thrown
away).

shackle = possibly 50 fathoms
10 km of net - commercial fishing

2381 Kalakaua 923-2685
 9 December Shell ~~World of Hawaii~~
 1980 Waipahi
 Tuesday Part of Moana 1 stuffed
 1 shell

5000 ~~Kalaka~~ Kahala Ave
 Report from
 → Beverly Brockman
 395-3006

9 Dec 1980 Nancy Preston - concerning
 NWHI talk at Aloha
 tower - noon of 22 January
 548-5433

9 December
 Telephone response about tags
 to Jeanne Mortimer, at Archie
 Jan's office - tel. (904)
 392-1250

Dave Scarlett -
 Postcards from Kansas City 4 1/8 x 5 7/8"
 #320 - 3,000
 #455 - 6,500
 #645 12,500
 + Shipping

Locally produced
 TONGUE PRESS 5,000 for 3,232
 1+ +4%

10 December
Wednesday Bellows Netting

5:30 PM 2 nets site #1 left
6:15 PM 1 net " #1 right
~ sunset

no turtles seen, but visitor said
he saw "some" at 3-4 PM.
Seawater 26-27°

Capture on left (inside joint) at 8:20 AM

TOTAL
TIME = 17 hours

NO MOON
kona weather - calm seas -
clear skies -
cold night

11 Dec
Thursday

Nets taken out of the water at
~ 11 AM

26.5° C seawater



60

11 DECEMBER Thursday Brown "central" areas to carapace plates, but anterior portion ^{mouth} transparent white -

3515 LFL

(S) 52.8 x 41.6

(C) 56.0 x 51.0

PL 42.1

HEAD 8.3

TAIL 8.6

WEIGHT 45 lbs

CARAPACE: Pink coralline on seams of plates

Red skin algae primarily on pelvic

Green on PL, 2 or 3 skin barnacles

(+) 1 skin STOMACH SAMPLE: fluid removed, red algae from upper and lower jaw

Pink coralline on underside of margins of carapace plates
PL orangish color

TAG NOS.

3516 RFL

3515 LFL

scale plate
* has deformed
made 2

also note
this portion
of head has
slight indent-
ation into
skull bone
? poss. injury



plate has deformed
only one plate

HEAD VIEW

very soft skin

↓
removed top view