

MAY 90 - OCT 90 BALAZS

KAIKOEHE BAY

SEA LIFE PARK P. 54

14, 53

WH6BLQ
George H. Balazs
992-A Awaawaanoa Place
Honolulu, Hawaii 96825

P4, P. 13, P26, P37, P60, P61
P. 74, P80, P. 104, 130

HPA - PUAHO P. 18

- 6-15-90 PETER CRAIG N102 - N275 (AM. SAMOA)
- 5-26-90 STEVE KAISER 10372, 73, 10598⁷⁻⁶⁰⁰ - 600
- 7-5-90 SKIPPY HAW N276 - N300 (MAUI)
- 7-9-90 BILL PULELOA X857 - X925 (MARSHALLS)
- 7-12-90 DEN HEACOCK N301 - N325 (KAUAI)
- 7-25-90 KATAMIA N401 - N475 VNP
- 7-31-90 BACHMAN N478 - N489 (Big IS)
- 8-20-90 CROMWELL M776 - M800 (9/90)
- 6/25/90 Heacock 6824 - 6829 (KAUAI)
- 8/29/90 LIMPUS N901 - N999 AUSTRALIA
- 9/20/90 KEVIN LANDGRAFT ~~M638 - M650~~ LongLINE
Returned 10/90
- 10/4/90 Brenda W907 - W950 LAYSAN
- 10/18/90 Bigelow L551 - L562 (#35) TITIANI
Returned This date DEFTNET
Research
- 10/90 VNP KIKUTA Y702 - Y725
Y740 - 744 } RETURNED

TDPS = P42, 46
SEATTLE P. 15

NEPOPSIOS - P48-52
P63

2 OF 2

Sheraton P35, P64
KUALOA P44
HAWAII KAI IWE - P73

SAMPLES TO Dennis
P. 57 - 58 P65
SPREP NOUNEA P. 84

(9) NINE Samples shipped to
Dennis Russell on July 16, 1990

57

ID on Label

CONTENTS

	<u>ID on Label</u>	<u>CONTENTS</u>
1	5-30-90 A	STOMACH sample from dead green turtle
2	5-30-90 B	" "
3	6-4-90	" "
4	6-25-90	" "
5	5-16-90	" "
6	6-10-90 Rick McCall	" "
7	7-2-89	" "
8	6-15-89 Pyramid Beach	" "
9	7-10-90 Palaa, <u>molokai</u>	" "

From G. Balazs, NMFS, 2570 Dole St.
Honolulu, HI 96822-2396

Dennis: Please note that the only sample
of these NINE that you need to
return to me is the last one (7-10-90).
Please throw out the others, after you
have made the ID, unless you spot
something unique worthy of saving.
Mahalo.

NAMES:

7/19/90 7 Dup slides to UH Hilo

~~returned~~ Summer Students

Express mail

Hale Ikena
APT F302

Ron Bass 572-6299 Box 106
Puunene 96784

Sent 15 Samples
to Dennis
Russell on 7/19/90

LABEL ID

1.	10-8-89	(Kaneohe)
2.	12-12-90	(Wailupe)
3.	2-7-90	(Waimanalo)
4.	9-27-89	(Haleiwa)
5.	4-17-90	
6.	11-1-89	
7.	12-15-89	
8.	11-29-89	
9. #1	11-22-89	(Kailua)
10. #2	11-22-89	(Kailua)
11. #3	11-22-89	(Kailua)
12. #4	11-22-89	(Kailua)
13. #5	11-22-89	(Kailua)
14. #6	11-22-89	(Kailua)
15. #7	11-22-89	(Kailua)

1/30/90 Sporep from Hawk. Cratty

7/19/90 → Sent to Ann Meylan for ID
Sample preserved in formalin

7/23 (Pam (Enforcement) reports
"turtle in waist deep water
near McCoy Pavilion Ala Moana
Beach Park.

Russ & Karl sent to check/observe

Copied
and returned
8/90

Need - Fiji Market Photos
PAUL JOHNS

7/22 Sun Call from Jerry Crow re:
Kepola Bay turtle
w/turnups - relayed by Advertiser
David Waite,

Call RE: Harshbarger - "TAKKAS PAPPAS"
Sundberg - lobster

July 26, 27, 28th)) = Glynis

sent 7/24 Dr. Albert Smith
Lab Services (113)
~~Veterin~~ Admin. Med. Center
Bay Pine, FL 33504
FTS - 826-5843
(813) 398-6661

7/23 Keene - Held in cooler at SLP: Picked up by Russ
Monday Lanikai A-2 freeze, small dead turtle found.
Need to call Monday AM

60

Friday, 20 July 90 KBAY

Recovery

Mark Reef 8-9:15 am

LEF 7-20-90 8:30 AM

Blue tag Z197 (B3-4)

Y225 - 1 barnacle inside tag Newly APPLIED

RFF Turtle barns ←

Y223 - cluster of 3 small barnacles outside tag

Diameter of Barnacles at widest point

C-47.5 CW-42.0

clean - no TMS

2.6 cm SL 43.9 N 43.8

2.4 SW 34.9 FL 35.0

3.4

1.8

1.8

1.8

1.9

1.5

1.6

1.5

1.9

DB=11

DB=42
VB=67
H=7

ORIGINAL

5/11/89 AN-D-LAKA

Photos S 41.4 x 34.3

C 45.0 x 41.5

(11) on dorsal All LEFT ON - NOT Removed.

2.1

1.4

2.0

1.7

1.7

1.9

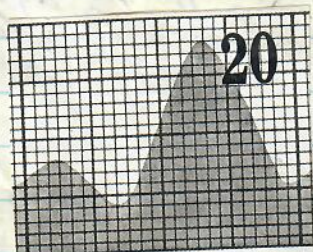
1.7

2.6

2.6

2.5

2.3



Strong event

perhaps 15 turtles seen - Most swam off at first sight.

(11) Belly → removed barnacles on belly

VB=11

Russ, Roger & GHB

20 JULY 90 K-BAY

61

TAGS

Halophila hanging out of mouth when hand caught

RFL↓
N391

S 38.5 X 30.9
notch 38.0

likely new recruit

LFF
Z198

C 41.0 X 36.5

PL - 30.9

10-15 seen at "Dark Reef" but all moved out quickly - were latent, "strong" current.

R (3-4)
N392

S 66.2 X 51.4

Hand caught off sandbar

C 71.0 X 63.5

N- 66.0

PL 52.1

Halophila
IN MOUTH

LHIND
N393

13 barnacles - dorsal

2 barnacles - ventral

L (25)

Z199 - up side down

TMR

left eye 2 #1's

rt eye 2 #1's

at shoulder 5 #1's & 7 little new growths

left neck 3 #1's

numerous grey patches on ventral neck

LHF 1 #2 & 3 new growths

LFF 2 #1's & 4 new growth

Halophila in mouth

293-5579

7/23

Call from Joy Connolly
 "Albert" on the beach - But went
 Swimming back & forth lately. Boekin.

Kathy Hougue 262-8494 SLP

7/25 Will borrow small
 green w/o flippers at Kewalo

7/25/80

MAILED TO KATAHIRA -
 VOLCANOES NAT. PARK

N401 - N425 (25)

N426 - N450 (25)

N451 - N475 (25)

(+3) new APPLICATORS

→ Requested return of
 Y701 - Y750 } + 1 applicator
 + XACTO N pie

7/26

THURS.

Mark Dombrowski - 638-8121
 Waima

Alan LEONARD 638 8825

Fresh

Small dead cut up turtle on
 offshore IS near Waima Bay

- 2.) Rent lung tumors
- 3.) had alabors, forgers
- 4.) plastic tray to work in.

EJ A2 7/24/90 A2 63
 b/22/90
~~7/24/90~~ TUES
 Russ and GHB

5 hours in freezer
 temperature = 18°F → COMATOSE
 decapitation

S 64.8 x 53.6
 Notch 64.6

C - 69.0

I Shored by the tissues
 I.) preserved in formalin

- #1 tumor on left jaw hinge
 - #3 at flipper
 - #2 LFL
 - #2 at neck
 - #1 lt neck
 - #2 on left eye
 - #1 on rt eye
 - None in mouth
- sent to Smith

Turtle previously held at
 Fewala basin.
 Stomach
 Intestines almost empty - but
 fecal matter present. Small amount
 fish in stomach.
 Adult worms in heart sent to
 ALVIN SMITH Searched lungs
 and liver but nothing found.
 2 Nodule tumors present in lungs.

5.) Fish line??

sent
 MOP HICO

→ William K. DANA (Willy)

64

sent

Telecom

949-0853

7/25

~~F&W Wildlife~~

Ron Bachman

Wildlife Management

sent

Box 4849
HICO

961-7221

96720

Referred by
John KAHIAPO

11:30 AM

JAR

966-9711 Roy Blackshear

Jackie

large w/ tumors near headwater,
Caught there at high tide
Held on its back then released
Photos taken by Ron.

Laura Scott

Capt. Nemos 661-5555

home 879-0493

8/6/90 - 7:30 - Nemos

7/25

Met with BJ Hughes
Sheraton Waikiki
re: MOP project for Russ
historical interviews
interim report
31 floors

(Shely's father)

7/25/7/26

reconst McKenzie

BBC

Suite 2153

630 5th Ave

NY 10111

JAR reports
& formal letter
sent

Makani Kai
6/22/90 Marina

(Need = Bubbles Hawaii)
picked up by Bill TO Kewalo
Eventual "EU"

SUBMITTING ID NO.

SEA TURTLE

NECROPSY REPORT SHEET

HONOLULU LABORATORY
Southwest Fisheries Center
2570 Dole Street
Honolulu, HI 96822-2396

of necropsy by Russ.
MIYA
DATE 7-25-90

7-8-90 → Chin's Reef

Submitting Prosector

Kevin Kang Docare

Address

Phone

Genus	Species	Carapace LXW	Plastron LXW	Head W	Weight	Sex
	CM	Notch 83.0 Str 84.0 x 64.4	Str 67.3	tail 29.6		M
		Curv 90 x 82.0	Curv			

HISTORY & CLINICAL SUMMARY: (Water quality; environmental contaminants, stranding location, date and time of autopsy, etc.)

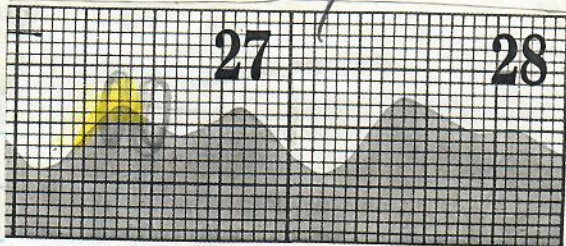
- 4 #1 3 tumors on front of LFF 1 #1 on rt hinge of jaw
- 6 #1 2.5 LFF
- 5 #1 7.5 on left side neck
- 2 #1 2.5 on rt side neck
- 2 #1 1.5 on rt "
- 8 #1 2 on left side neck & under arms
- 1 #1 3 below left eye
- 7 #1 2.5 on RFF & near joint
- 2 #1 1.5 RFF
- 1 #1 2 on Tail
- 1 #1 1 new growth on & near joint of LBF

leach eggs on front plastron & near bottom sides of each flipper
Intestines empty
Slight fill to 1st stomach
Sample preserved for ID

66

less - how deep?
off Shear?
4-5'

July



heavy overcast
- rain showers

temperature 25.5

152	0.2	1410	0.8	225	0.2	1603	0.9
842	1.3	1929	1.3	953	1.5	1954	1.0

Friday

7/27/90

K Bay

7-27-90 9:00 am sand BAR AOL

V80
V81

LFF 3-4

RFF (RFL)

1 DB = 1.8 (not removed)

3 VB = 2.6, 1.8 (not removed)
1 = 3mm

CL 53.5 X 47

S 49.6 X 39.2

N 49.3

1 #2 tumor / **LHF** (groin) = 5.6 X 5.0

1 #1 tumor (large) at tag sight

2 TX 2.2

P 40.9

nothing in mouth

suspicious pink spot left eye

Z200

Tag - blue - (R 3-4)

Adult leeches at tag sites (5) (13)
~~top of tag~~ L&R-

2/22/89 AOL

AUG 6

KAHULUI

Aloha 836-1111

AIAMO \$19.50

FL 270 - 6AM → 6:27AM
FL 227 6pm → 6:27pm

Net price quote request - Danny Wallace

7/27/90
100 X 5
100 X 8
50 X 8
50 X 5

2 each - all ordered
8/11/90

Z 71 LFL, RFL Y886, RH Y887

7/27/90 AOL

CL 59.0 X 51.5 IDB = 2.3 (Removed)
S 55.3 X 42.6 2#1 L Eye
N 55.0 PL 45.8 1#1 R eye

6/22/90 recap

Z 71 has about 30% algae growth

① Barnacle on head 0.8 (Removed)
8 #1 LFF & shoulder

RF 2 #2's (including pink from 2nd S R)

6 #1 RF; 3 #1 left neck

LFL including # ventral near blue plastic

Y 319 RFL - 8 DB (1.6, 2.6, 2.7, 3.6, 2.3, 1.5, 1.9, 3.3) (removed)
Y 318 LFL + 4 Barnacles removed from RFF tag
S 49.1 X 39.8 1#1 tumor L Eye (5/17/89 says #1 eye)
N 49.0 central scale of head - possible #1 tumor
C 52 X 47.0 #2 on dorsal base of tele
PL 40.5 2#1 near vent

1#1 on RHF & #1 on LHF
small #1 on rt eye

No ENGRAVING
Visible from 5/17/89

5/17/89 recap

7 VB which includes 1 on VFF Bars
(2.6, 2.6, 3.0, 2.6, 2.6, 2.5, 2.7) - removed

Small <#1's at both LFL & RFL

7/27/90 FRIDAY AOL

S 54.6 X 43.7

3DB (Removed)

2VB (removed)

N 54.4

#1 tumor L eye

C 58.5 X 54.5

PL 44.3

N394 RFL

Z201 LFL

S - O X O
Notch

C O X O
PL

Burrowing burrows in forebrain
of FF's
Saw removed.

~~MARK Reef 10:30^{AM} - Noon~~

All hard captures - snorkel
26c

TAGS

S - 48.5 39.2 W
Notch 48.0

N395 RFL

Z202 LFL

C - 51.5 L 47 1/2 W

PL - 39.1

VB = 10

DB = 6

Dislocated LHF
at distal end of femur

Left eye -
#2 NO VISION
Right 2 #1's
#2 Right neck
Right shoulder

Russ
highly
caught
Z80

N396
Z201

N397
Z201

N399
Z205

HAND
CAPTURES
MARK

ALL Released 7/27/90 Friday 69
By HIMB LIGHTHOUSE

↓ Data gathered
there

Reef
N396-RFL
Z203 LFL

S - 54.0 X 42.3
N - 53.8
C - 58.0 X 51

PL - 43.3

1VB
SCA

N397 RFL
Z204 LFL

S - 48.3 X 39.4
N - 48.1 X
C 51.0 X 46.0

PL - 40.0

1DB
SCA

N398 RFL
Z205 LFL

S - 48.8 X 40.1
N 48.4
C 51.5 X 47.0
PL - 38.1

6DB

15VB

#1 left eye Tuning

7/27/90

N399 RFL
Z 206 LFL

S 41.4 X 32.8
N 41.2
C 44.5 X 39.0
PL 33.6
10 DB
7 VB
SCA

Mark Reef
released
at Coconut
Is.
Light House

N400 RFL
Z 207 LFL

S 62.7 X 49.4
N 62.5
C 68.5 X 62.5
PL 50.4

5 DB - large barnacle = 4.2 cm what is max. size of turtle barn?

TMR

1 VB

2 #1 left eye & 2 #1 on rt eye
6 #1 left flipper

Z208 LFL
N476 RH

S 52.8 X 41.8
N 52.6
C 55.5 X 49.0
PL 41.7

SCA

#4 RFF - much of tumor is originating RFL

#2 on dorsal neck

#1 RFF

#2 " left shoulder

#2 V-neck

#3 left neck

#1 Distal ^{tip} edge of RFF between scales

2 #1 on Rt eye & #1 left eye

Need Cindy sent
Tags to Hunter sent

7/30/90

locked sent

L-104

4626

Y-58

Need TAG KIT FOR CROMWELL + INSTRUCTIONS and Data sheet 71

sent 8/1/90

Needs TAGS

TAGGED

3964

~~3965~~

Shipman Estate
7/25/90

SL-85cm w/caliper

Ron Baethman

F&W

Box 4849
Hilo, HI 96720

15hp outboard
QL775C4 spark plug

7/27/90

TMRS - rope 88cm

large decomposing turtle
picked up from Hickman by Sally

7/31/90 sent 637-3434

Dennis Pettigrew

61-691 Ham Hwy
Haleiwa 96712

Harold Bloomfield

PAT HAET

525-5639

239 WAENA ST

WAIANA HI 96786

sent

Dives Kawailoa "Park" - whole area.
All turtles have tumors

Telecon

7/31 Lew Ehrhart - (407) 728-4417

- ① ocean reefs - 22 out of 22 free
- ② occasional strand ocean side
w/ tumors
- ③ 1989 Cold stun - low # tumors
- ④ 60 miles away at his study
site - 45-50% tumors
- ⑤ Florida Bay - bad tumors - Schwede,
Ogren

→ $5\frac{1}{2} \times 3\frac{1}{2} \times 2$ high
→ bracket for anchor

"HAZARD" need
MAP

N478 - N489 (12)

73

+ plier sent to Ron Baethman
BIG IS.

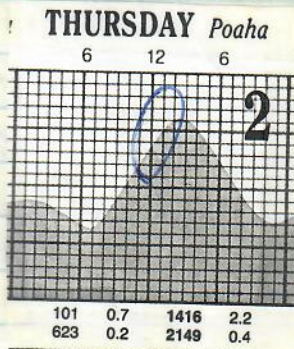
+ N477
Demo

Sun 19 AUG 10:25 AM 1106 ALOHA 836-1111
21 AUG 11:35 FL 436
12:15 FL 437

HILLO

2 AUGUST 1990

Thurs. Ross, MiyA & Cith B
FIRST TIME out with
Achilles inflatable
15hp outboard.

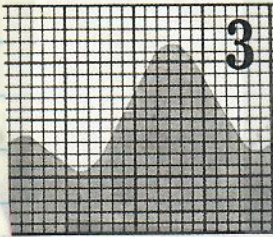


> 11:20 AM
Motored portlock side 40 minutes -
Only saw 1 turtle briefly at the surface.
Motored to "turtle" site, but
probably went snorkeling in too shallow
an area, only saw one ~ 95cm
turtle moving out from shallow water.
Small indent on left side of
carapace marginals. Amanita seen
one other turtle seen in this
area briefly at the surface.

G-1 Pressure gauge

FRIDAY Poalima

6 12 6



148	0.7	1449	2.3
711	0.1	2209	0.4

AUG 3, 1990

Mark Reef GCB, Russ GHB

8:15 - 9:15am 2 captures

HA 4964-C

Saw perhaps
150 others -
all moved
fast

6 guys
 20' white of sharp bow
 Lookout platform

INFO

TURNED over to Tommy
DMP Law enforcement

8/3/90

MARK reef 78°

75

TAGS

S - 43.2 x 33.5

Notch - 42.8 one side broken

N-490 (R)

Z-209 (L)

Curved 46.5 x 40.5

START LARGER punch used

PL - 34.5

Head - 7.4

TAIL - 8 (5.5)

(R jaw hinge #1
Glottis/Tongue #1

Eye start of #1

Eye 1 - #1

left neck 2 - #2

R shoulder 1 - #2

Good Stomach SCA obtained

GRAFT

MARK

#1 TMR ventral neck

Acum x 2.8 cm

1.5 cm x 0.4 mm

2nd lat left against seam of 1st lat left

Black streak left 2nd PLASTIC SCUTE AFTER EPIPLASTON

TAG

N-491 (R 3-4)

S 53.3 x 44.6

Z-210 (L 25) Notch - 52.9

N-492 (RH)

Curved 57.5 x 52.5

PL - 43.6

Head - 8.2

TAIL - 10.5 (7)

RIGHT JAW Hinge 2 - #1

#1 TMR seam 2nd - 3rd marg left

leech eggs

V.B 19 many small

stomach sample very small

2#1 R neck

1#1 R dorsal shoulder

eyes - #15

2#1 ventral RFL

left grom #3

left shoulder #3 dorsal

1 - 2-#1; 1-#2 ventral

76

82° Seawater
AOL

11-12 noon

TAGS

N493 RFL

Z211 L25

S - 41.8 X 34.9

N - 41.6

C - 44.5 X 41.0

PL 32.2

10DB, 1VB

HALAFALA in mouth

N494 RFL

S

38.0

X 32.5

Z212 L3-4

N 37.5

C 40.5

X 39.0

PL - 30.1

Heavy SCA

Halafala in mouth

3 small VB

AOL

8/3 AOL

77

N495 RFL S 61.4 X 46.8

N496 LHF N 61.0

Z213 LFL C 66.0 X 57.5

PL 47.3

1DB, 1VB

#1 RT eye & small #1 left eye

#1 left jaw hinge

#1 patch ventral RFL, next to tag

RHF is missing, including all or most of femur (completely healed)

N497 LHF S 61.5 X 49.2 AOL

N498 RF3-4 N 60.8

Z214 L4-5 C 65.0 X 59.0

PL 50.6

9DB

1+8VB

~~Others~~

#2 left eye

#1 right eye

LFL & RFL #1's

many red-
ulcerated
bleeding

#3 R dorsal shoulder

2- #2 L " "

(one very protruding)

#1 dorsal neck

#2 L FF ventral

4 #1 RH

78
8/4 Telecon From Home raised hds
23 years resident Halepuna area Telecon

Sat. Donna Spence 966-6387
started seeing 3 weeks ago

Billed
TO 943-1221

12 large turtles up against rock
Right close to shore.
Kaimuli Bay

~~NEED form~~
~~done~~
~~put~~

Box 448
Auntiestown 96760

sent
Kahalou Boyartile

→ told him about CHAI/KITCO Report

8/4/90 Tommy home 247-1762 Waimanalo
SAT Turtle caught in gillnet
8/6 TO A2 Neighbor -

Aust. Council
524-5050

TO BE BROUGHT TO
HL Monday am.
IN Freezer

1000 Bishop Bishop Trust
exec. center

need done

Informed with them
phone.

739am
8/5 call from Rinaldo Pasqua Holler's
Sun home collect from Stan Okimoto
-244-3876; DOCAEE Maui

25-35lb turtle speared in the head 243-5414

Washing in surf - weak.

LOCATION =
SUSPECTS =

Shipped Aloha this date.

epoxy patch 4 holes (photos) on head.

AT Kewalo Basin 8/6 Mon

→ can not swim straight

→ 8/30 Karl reports it seems better. NO

9/90 - same

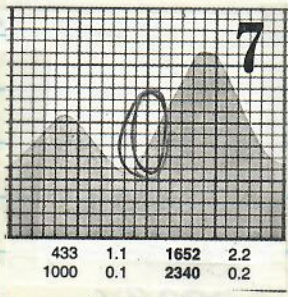
11/90 still at Kewalo w/ front flipperless

(80) 8/4 ^{Telecom sent} Georgia Merrill
2405 KALANANAOLO
HILO, HI 96720

→ Russ & Carol
Kualoa
935-9935

sent
TMR

7 AUG 90
TUESDAY
KBAY



Seawater = 80°F

TUES.

MAEK Reef

Saw & caught Z202 left eye TMR
photob'd &
Released graft - now tagged
Steganolepis bars taken out
of forearm in front flippers.

Saw many, but most
were to alert and advise
to catch.

8/7/90 N499 RFL
2215 L2S

DB=37
VB=44
81 total

C-41.0 x 36.5

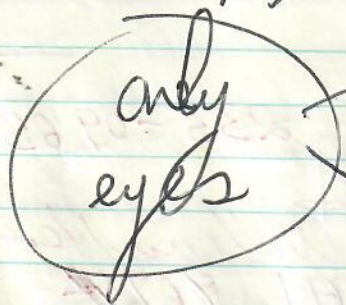
No calipers
Today

N500 RFL

Z216 L3-4

C-53.5 x 44.0

SCA



#1 TMR
Anterior corner
Eye - Dorsal periphery
Dorsal corner
Ray with periphery
2-#15

Motoried out to Sanfay Channel
inside wave break - then over
to Turtle Back in to where Roger
Douglas & George Steider saw Codium.
Nothing seen in the way of turtles.
→ Al Evensen reported about
Kipapa fishing club - "overabundance
of turtles"; cleaning out tako.

Heeia

8/8/90 Allison Chun 247-3156

sent
Box 698
Kaneohe 96744

8/7 telecon
Joe MACALEVY - ART/drawings/Lutz

8-8
Dewen Leaman
Green Peace
Box 10909
HILO 96721
tel 935-0770
Re: A

8/8 telecon
sent TOM Rosser 235-0965

Grave Fisheries
45-143 G Willoughby Rd
Kaneohe, HI 96744

need call
Bob Morris - vet - surgery

To write
to Bob

Hee - 5434260
Received \$500

~~need to send~~

~~Alan Leonard Box 818
Haleiwa 96712~~

8/11/90 Friday
to A-2

picked up by Kael & Russ

637-6417 Richard Found
[FAX 637 7627] 8/10/90
Musa

61-529 Kam

Dead turtle
Mark Oliphant

rebear
8/10 988-5450 Dr. Sheila Jaffey Conservation
videos
Henry Am-Sanva

10h
Flight 84

Depart Honolulu Quantas FL 4 1245 am Sat.
Arrive 6:25 am Sunday - visited Sydney Harbor; Depart 9 F291 TO Noumea - arrive 4:25 pm

13 AUG 90
Monday

Noumea SPC Headquarters
Main Conference Room

"come up with
- Practical & applicable Program"
i.e. Macro-macro research

Climate

Moses Nelson FSM "Fed. States" of America
Fisheries Dept.

How to spend money??
How to implement??

Education - How to deliver cons. message?
country Reps > What they think needs to be done for their countries

Outline of Work Program
"Blue print" for implementation.

People asked = Because
① Expressed interest in TURTLE CONSERVATION.
② PACT South Pacific

Mainly W. Pacific emphasis.
Interest from Tokelau.

NOUMEA "Turtle Parks"

Need

STANDARDIZED TAG DATA SHEET

13 AUGUST
Monday

new "Conservation areas" vs old terminology protected areas
Coming up - Regional agreements
STREP Convention

② Apia Convention

Virgil Alfred - Marshall IS.
NOT HERE

"Country sub-programs"
Survey/monitor: 180k over 3 years
40k this year 1990
70k + 70k following years.
Education - 30k over 3 years.

Fiji
Minimum 18"
no eggs
NOV - Feb - closed
Ban on export of turtle meat

Question:
protect large
violates ceremonial?

Looking at ban on export of raw turtle shell,
want to make illegal to sell during
closed season

PALAU ~~can't be taken~~ MAIN HUNTING
NOT LESS THAN (34" greens meat
27" hawks shell)

Turtles on shore - not to be taken

86
13 AUG 90
MON.

NOAH, cont.

need -
short
sessions
lots
of
breaks

No enforcement
Lack of public awareness

early 1980's - headstart started.
Reviews: Tom Milliken / G. Balazs
"Not well defined Goals" when project started.
"Redirection of activities"; work closely on
recommendations. "Isolation" a big problem.

PNG

turtle - low priority

Research & Biology / low keyed conservation -
Fisheries Dept / conservation Dept ENVIRONMENT
William / ~~will~~ / ~~ie~~

SOLOMONS; "No longer a turtle Sanctuary"
VANUATU / ISABELLA IS. - pulled out of land
disputes.

"only cca 75cm allowed to be harvested."

VANUATU CITES member

"Symbol to the people" (?)
green leatherback
hawk
loggerhead

COMPOS - Australia

"Flashing lights don't attract hatchlings"

13 AUG 90
MON.



← need for reprints, reports

Trevor Doly - Greenpeace
Focus on Trade & countries that trade.
Submons - Tany'leri"

T-Shirts ARE ideal ed. vehicle!

New Caledonia Contests

children make turtles of out
of new shells materials
- write stories

"If we want to protect turtles, we need to know the turtles better."
AWARE of protecting turtles.

14 AUG (Noumea date) - Need - ① Tag loss data
TUES ② Assort. slides for limpus
③ Big years nesting result from
1ET Niwo 2 years before.
Low results from ANTI EL NIWO
2 years before

* sent TO Fiji office Need - ① Specifics on Rose IS,
TO Fiji tag Rec.
② Letter on IFAU group
turtle - etc. Fisherman

* need Literature TO TREVOR.

POSSIBLE
ONE MORE
UNITE
HERE

Tag address sub-designation
⑩ write HAWAII
UNIVERSITY
⑫ HAWAII 96744

14 AUG 90

88
NOMEA

Limpus - OF NESTING SEASON:

Peak at one site is peak
at nearby sites."

A = A

U = YOU

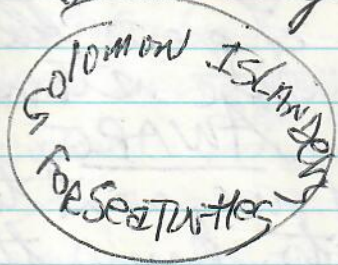
I = I

DO I?
HAVE?

yes/ Marine Turtles:
A Review of their status & Management

1981
Peter Vaughn

INTITE
SPC
Library



Moses - How many tag kits?

next Names of islands and tag # assignment.

NATURE CONSERVANCY - Honolulu

Marine Inventory of OROLUK

Seagrant money too?

Put there on purpose to discourage use
by Tank people.

→ Recognizing
→ recalling

Therefore be involved

... START UP -

Need - Sea Turtle stamp collection
for Sylvia.

* Need
*
* push
for Australia
stamps

1-2 page Need - WRITE UP FOR Meeting report

Need - PHOTO OF GROUP, ^{see abstract for Japan meeting 89}

Need - Hermit Is,

NOUMEA → 25 turtles tagged by Sylvia - 1 recovered
7th Day Adventist "Caroline Islands"
* She has the letter of report.

Need - Send type to Noah ^{VHS sent}
- Saudi - Royal Kings emblem on tag.

DARU, PNG
Donna Kwon - Jim Prescott data incorporated

Request loan or dup slide from Prescott

Send Survey track of New Caledonia aerial survey, Peter write
Request Pritchard's CMC New Caledonia report.

"MAKGOI" - FIJI
Clam research station
Also has a couple turtle nesting beaches.
Resort hotels - owners interested in
turtles nesting there.

Need - TAG KIT, TAPE, INSTRUCTIONS, PROPER CONTAINER w/ LABELS.
+ DATA FORM

NOAH - Direction of plan of how to charge.

* Reference to Peter Thomas
Witzell hawk ref. FAO

Palau Video to Limpus

90

15 AUG 90
Wed.

NOUMEA

ADD ① Rose Is. Summary
② Long-Line Biblio. TO VITAE

- sent/ need - 100 Tags/pliers to limpos for exchange
- Address labels for all participants
- Primary school level - most effective
- Video tape elders - TOKELAU

SPC Newsletter
MAP - Trevor / Tokelau

- T-Shirt message should be positive
MODIFY MITCH CRAIG SHIRTS TO HAVE CONSERVATION MESSAGE

NOTE "Queensland turtle Research" stickers
SEA TURTLE TAG CENTER OF THE PACIFIC HAVE MY OWN MADE

- Certificate of Merit - Nat. Assoc. Jean-Louis + FULL SIZE TURTLE CERT.

WRITE for Tag

- Photocopy of "Manual" to Moses, + TO MOSES
Turtle ID sheet to Peter ← FROM TUNA OBSERVED SHEETS need

need * "Emblem" of the King - (Kamelomeba?)

Tag to New Caledonia Nature Conservation
Full Stamp list Jean-Louis

TOKELAU PAPER TO SYLVIA - sent
Merit Certificates to Sylvia

Add this meeting to VITAE

MONTHLY
→ DATA SHEETS
TO NOAA
+ SUMMARY

Address issue

OF PALAU NOT
ASKING FOR REVIEW 91

Tundy
AGABI

4 Resolutions - 1) Bekko 2) JAPAN 3) INDONESIA
4) CAER

JAPAN Bekko
BRAGGING

Address/clarify issue of small tags
- EXPAND IF NEEDED

Take tag off step, loading, application - Do slides
then convert to prints.

need - Turnovers - stage #1, #2, #3, #4

★ Tag recoveries - TO
Send to Limbus

TIM ADAMS Fiji
VIATOA TAG stuff
Rose to Kardavil
Johnston correct
OROLUK TO TITIVAN
HAWAN TO PHILIPINES?
TONGA TO FIJI

need
DATA sheet with
FILL IN ATE Blocks -

Spent HINO TO Dudley
Headstart

Receptionist
7001 395-2302
"Richella"
Pet Central
848-1688

8/20 Monday M 776 - M 800 + fleas
via WGG
Cromwell

18 SAT - Docare Mr. Ernest CARVALLO
P.O. Box 656
KAYUKU, HI 96731

K Bay near Sender Ferry road
Dead and rotten washed up
"35lbs"
293-1904 Y270 only tag seen. ^{but Y269}

Dropped off at Dole St.

Note - originally tagged Y269, 270
Deef Reef #1 12/29/89 Choy
and Balays

S-53.7 C-57.5
"Tumors on both eyes and masses
are on right jaw"

photo?
Bands stuffed
off?

24 turtles
24 years old
1960s
"Cromwell"
"No"
8/23 - Febcat
1985 Goat IS. → Typh
Digs
1 Kawela Bay
1983 - Symmet
Sensei Beach
Aide

- William (hilo) send
- Tommy - hilo?

19-22 AUGUST 1990 93

Sunday wed.
Yellow ~~lights~~ all of Hilo?
Hilo VACATION

Denver Leahman

8/20

1. Christine Kauka son 1 Sept.
2. Christine - Kula - Crater 970 N. WAIKAIHO
3. Goldie - Mangos 96734
4. " 677-7490 Tenlea
5. Joy - (408) 270 7014 from Radius collect
6. Janelle Tsige

MON.
8/20 - haimo = 10am
4pm

8/22 - haimo = 10:30am

1959 Chevy white 4 door
Biscayne Li. AYB778
840 Kaumana Drive
Hilo

Telecon 8/23 Lean 18-19 Sept. 90 later
18pm to PUNALUU cancelled
19 afternoon due to Hurricane
Maui

sent
8/23 Telecon sent balloons
MAIJA FERGASON
PARENTS MAGAZINE
685 3rd AVE
NY NY 10017
(212) 878-3597

94 8/23 JWE 329-2025 from
9pm MAHAI LISA Home

BILLED TO 943-1221
LISA "TR" 9916 "NOT seen since" TOM "

"Nude Beach" north of Hanakohau,
6-8 large 30" seen there

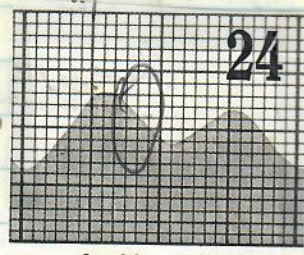
24 AUGUST

HAY - w/ Russ & Karl's first time

8:30 AM - MARK Reef slight current - turbid

Aug 90
Friday

10 AM 3 hand captures
(2 recaps, both 5/23/90)
MARK Reef



9	0.2	1249	0.7
647	1.6	1811	1.3

AOL 11 AM

2 hand captures
but at least 6 others seen,
feeding.

Low at 11 AM

NO TRPS

START

This expedition - effort to catch and
deck all turtles possible
- including ones short term
captured already w/ tags.

Kualoa 8/10/90 53 - majority low 95
Russ & Karl 2 fresh floaters.
Recovery

TAG NO.

R Y 844

L Z 45

S - 40.5 x 34.4

Notch - 40.0

C - 42.5 x 40.0

PL 32.5

New Tagged Added :

(N 501 (3-4) L)

Recovery

TAG NO

↓

R Y 845

L Z 46

S - 44.7 x 46.8

N - 44.4

C - 47.0 x 43.5

PL 35.9

New Tagged Added :

(N 502 (3-4) L)

photo #22 + #23 of plastic tag growth

TAG NO

Newly ~~added~~ :
CAPTURE

RFL N 503

L N 504 (3-4)

LFL X Z 217

S - 38.9 x 32.1

N - 38.5

C - 41.0 x 38.0

PL 31.7

- 2 patches - CA
- Likely New Recruit

K Bay Friday 8/24/90

1130 AM

8/24/90

AOL

S - 40.7 x 32.0

N - 40.1

TAG NO.

Newly tagged

C - 43.0 x 37.5

PL - 33.3

RFL - N374

LFL - N375

L(3-4) - Z 218

Likely new recruit

(1 VB (.5 cm dia. on) PL)

TAG NO.

DB 27 VB 35 ; CA

(RFL) N 505

S - 48.5 x 37.8

(LFL) N 506

N - 48.4

(L 2S) Z 219

C - 52.0 x 45.0

PL - 38.6

- Suspicious bump .5 cm dia. LF dorsal
Shoulder

Bochrote
address -
sent

Allen Lennard
Box 818, HALEIWA, HI 96712

sent

McCoy 325-6936
Box 4329
KAILUA-Kona 96745

sent

Peggy Hubacker 239-2237
47-050 C LAENANI DR.
Kona 96744

8/27/90 Telecon with Steve Kaiser
SLP

5 turtles recently sent
from SLP to Maura Lani 2- from Seattle
1989 hatch 2- Waikiki Aquarium
1- SLP
newly tagged

- ① size #1
- ② C029
- ③ C030 → C031
- C032
- ④ C033

Ft. Lauderdale ^{wants} 15 turtles

8/28/90 N901 - N999 N901 test
+ pliers
sent TO - LIMPOS

8/28 Telecom HARSITBAEGER Re: UCHIDA/JARAN

98
Sent

Mr. Richard Sullivan
P.O. Box 20
Kahuku, HI 96731

PHRI
ARCHAEOLOGY

8/28 9am
STAFF
Meeting

Re: Large turtle w/ tumors stranded at Kawela

NO FTP ^{Hires} - even those in recruitment that have not been given offers

STAFF

FTT

yes to Oct 1, but thereafter ceiling of 20 for FY91

Boggs = "Blue sharks & white tips are surface feeding" - Makos, others are deeper, much deeper, feeding.

- need personnel to pull out gear at Kawela for painting.
- Sept 14th procurement deadline. for items specifically preapproved by GWB other than your budget.
- Sept 20th - claims interest - 10 miles

"Boats with a variety of mesh sizes but primarily squid boats"
1989 - "10 thousands marine mammals - and greater number of seabirds." Impact on populations is a trickier question.

Document for joint mail service in writing.

need - order lead & float lines done

Greg -
A&T Nelson = 537-9958 99

8/29

~~sent~~ Telecon

Cathy Arrandale

55-443, Ham Hwy

55-443 Laie 96762

293-7414

5'x3'x2'

To
A 2 off BYU Hawaii sign
25 yds deep 100 yards offshore - turtle dead caught
10 deep on reef 54cm
Mono on turtle snarled on old algae covered
rope. haul responded - fishline
tight on head.

8/28 Telecon w/ Puleloa -

On 8/20 a man saw ~15 exposed
turtle eggs and tracks + mongoose on
the beach at POHAKU Pili (Fagan's Beach)
East End. Land owned by Pohaku Ranch.
During May, June and July he also
saw 3 and 2 tracks

100

Bob Cummins

235-3641

3647

Reserve for 9/15/90
Wed.

Wed dinc.

Need to

Georg Stepler
MOP (Carl McDermond)
Dave Krupp
235-7327

NOT Legit. for wild STRAND ENTRY

8/30

373-1433

telecom Steve 9/4

"8/29 C053 - C100

24 hatch

release Waimanalo

Greenly & CAU

9/3 am

a few (15) hatchlings produced

THurs.

Maril Witt

1141-D Wainiha St.
Sanely NO intermediate Honolulu 96825

NMFS C083

NMFS C084

3" long turtle

→ Found today on Waimanalo Beach

Picked up by me.

(61307 Kam Hwy Officer 211 - need location N. Shore)

9/2 SUNDAY Call from ~~Hawaii~~ DOCAE to this office ~~was~~ EBINO

Dead turtle dropped at garage Dole St.

2m 9/3 put into freezer

Sunset Beach area

→ Claude Thompson

244-2072

8/31 Brooks Tamayo -
Friday

8/30 Fisherman on Lana'i found a
dead turtle at Fed. Camp,

Need to
contact Albert Monte

565-6688

HVNP

Box 217
HNP 96718

8/31/90 Ruth Levin Interpreter Div. HVNP
Telecon 967-7311

Re: Lecture at Park, for 9/27

9/3 7:30am telecon Home blowhole

Moni

See P0102 LINDA - 545-6200

scab healing

LFF - Head of humerus
there and LFL

9/3 Live turtle w/ missing front flippers
fresh off, found in gill net
near off Shippy HAV's house.

LABOR

243-5414 I talked to Keith
beau from my office.

DAY

RELEASED TAGGED (9937 RFL

TMRs = Both
eyes #1's

Release
LILIPUNA
PIER

9/5 WED.

9938 RH

35mm slide
photo
w/ Pentax
105Z

S - 71.0 x 54.1

N - 70.2

C - 75.5 x 65.5

OVER

"NIETHAMMER"

Sept. 3, 1990 Monday
Pamela Young - Channel 4

9935 LFL

9936 3-4 R

7:30 am

SE 58.1

call

N-57.6

from
LINDA
545-6200Width
47.5

Taken to SLP by PATY Edwards.

"Bamboo Ridge"

Near the
Blow hole

PL 48.0

#1 Leye

Reye

#14-R FL and ventral region

Hooked - wire leader
dropping - broken end of fishing
pole.

noon

Release across from SLP w/Tim Gil

9/3 TV4 news report appeared

- LH pelvic region - substantially swollen
- Deep scratches in carapace

see
p. 101Estimate that amputation happened min 1-2
months ago.

need form (cellophane tape)

filed

553-3778 103

9/3
Mon.

Call from Bill Pulera -
Dead turtle at East end.
I call him at Home
charge to 9431221

9/4 shipped
TO A2 freezer

Uailua - East end
Small, possibly eyes shot out w/ spear.
will ship.

9/3 Dead rotten turtle picked up by Patty Edwards.
and disposed of. letters in file

need to call

9/4

Claude Thompson 637-7958
CLAUDE reported a dead turtle TO
NMFS Witham

9/4 Tolson

Arthur Paterson
NOAA - DAS

sent 9/15

Room 5811
Dept. Commerce
WASH., DC - 20230

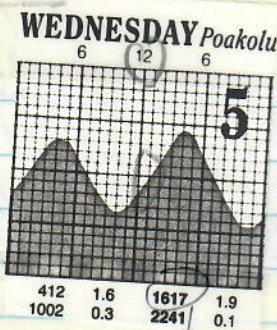
2' sent

8/31/90 NECROPSIES
Necropsy
10 samples sent to Dennis Russell
9/4/90

9/4 Visited office
Kevin Sullivan "PAPAYA"
CATOON

5 Sept 90 WEDNESDAY

GIB & KARL
Bromwell
&
Bob
Cummins



A.O.L.
foraging

9-5-90 1325

Old Tag:

Y314 RF

1DB - 3.2 cm

Y313 LF (exp today)
RINGED

8VB -
3.2 cm
3.7
2.7
3.3
3.1
2.6
2.6
3.2

~245 pm high tide.
KBAY

mototool Present: Regrowth evident (2nd lateral left)
"Y" unreadable, but 313 readable

3-13-90: May 17 '89 5 59.8 wh
C 64.0
7 DB CA originally
7 VB caught same place
ORIG. DATA
TMRS

S 60.9 x 48.9 SAMPLE: leeches
N 60.6
C 64.0 x 60.5

New Tag: Z220 (3-4 Left) 9-5-90

* Pictures taken: of numerous TMRS

Dead STRAND
12/18/90
KBAY

A.O.L. Foraging
9/5/90 wed.

GHB, KB
and B.C. ummins

105

OLD TAGS:

LFL 2207
RFL N400
S 63.1 x 49.7
N 63.0
C 69.0 x 63.0

NO SCA

27 July '90 (Caught @ resting area)
S 62.7 x ~~1~~ L TMR's Mark Reef
C 68.5 x Says SCA — This must be wrong

Tumors: Right eye - 2 #1's
Left eye - 2 #1's

Left shoulder - 6 #1's (appear to be New growth)
N400 - inside of tag and 5 little turtle barnacles.

Right shoulder - 1 #1, 2 - gray patches
suspicious bump posterior of N400 piece site

New tag: (N507 LFF 3-4)

Turtle Barn
I no 1 weeks growth!

106

KBAY

9/5/90 Wed.

MARK REEF 1445

Swan Mark Reef again at 2 AM - very turbid - particles in water High Tide, but saw 5 turtles including one captured.

S 51.8 x 43.1

- PC¹⁵ injured and healed ∴ No watch

C 56.0 x 51.5

SCA; 1 DB, 3 VB

Trailing edge of hind flippers missing 1/4 of blade both healed

New Tags: N508 RFL
N509 LFL

Z221 (3-4 L)

Released at Coconut Island lighthouse

9/5 GAB & KB

10:30 AM - Mark Reef -

11:30 AM

only 5 seen, one of which captured. 1 of the other 4 seen noted to recall have a tag.

Y882
Z68

S- 40.6 x 31.4

N- 40.1

C- 43.0 x 37.5

SCA

No SIGN OF TMRS.

9/8/90 Brighton DAUGERTY
sent PO Box 446 329 6699
HOLUNLOA 96725

late 1950's to 1964
out of Lahaina.
Hundreds of turtles caught or seen.
No deformities seen except for shark
bite!
Including Pease Corp training
AREA ON MOLOKAI "KUPERU"

9/6/90 Dr. Reese
sent picked up by trail (A2) 49-035 Kam Hwy
up 2100L fresh
Head fractured.

9/7 sent Friday Tom Jacobs 637-9752
27 Canyon Island Drive
Newport, CA 92660

Same - 61-749 PAPAICOA Rd.
to Kealahou HAKIWA, HI 96712

9/10/90 BO KILNER HIRATH
Am. Large turtle on the beach -
But later swam away
Tumors on eyes, etc.

0723

Connelly

9/7

9/6 for 4 hours Dolly
Saw a Swallow turtle beach
east end, small tumors.
Swam off on its own.

sent Puleloa turtle
some Motokai

Anne Melland
St. Route 337
Kk 96748

Wa/Wa

9/7

Maui

TAMAYE

244-2072

FRIDAY

Brooks found a ~100lb
dead turtle with tumors in
front of the Maui Beach Hotel.
Taken to dump by public works.
photos, Blow/SCRAPE TO HEAD(?)

9/11

TUES

STAFF Meeting: Pade - 2 turtles tangled
in longline swordfish
gear.

9/10

893-7165 Doug DeMaster
50k from Regan
see EMAN Hardware

Michael Perry

9/9 Sunday Hawaiian Moving Company -
Murdos Shark fishing segment.

9/10

Monday

822-5977 Don Heacock ^{Evans} - Wendy
Mrs. J.S. ^{office - 241-3400}
Box 29 Chamberlain ME 04541
Large Turtle Stranded

109

Bobbie Rath - 637-5509
61711 Papailoa Drive

Brought by Karl & Maggie to Keauho -
Telhargis

9/11

LEECHES
+ EGGS
7 PMR
BILLS

Sent Karl to Keauho for fresh water
therapy. Bill and I

sampled 8/5 Maui Ohimoto
turtle - patch on head. And
PAPAIOA Adult female TMR
Severe emaciation to PL - Bot Rigid.

9/11

AUMOAHA Beach Park

TUES

Met Helene Phillips

Life Guard

LAST year or so
Patty Edwards -
picked up
dead turtle
she
retrieved
it

3823 LEAHI Ave.
Honolulu, HI 96815

Sent
to below

Jo Anne Flanders
c/o NMFS
F-CM2

1335 E.W. Highway
Siverspring MD 20910

9/12
Wednesday

Telecon

sent

Steve Gardner
Box 1250
Kaalalaku, HI 96750

Re: Jim to S.
Puzzled on
article in
West Hawaii
Today
lost 500 turtles
and
sharks

TAGS

M638 - M650

Returned to
me by Mike Seiki

Sept 15th
Elders
Telecon Bowen

JOHN ANISE

9/24 FE#
HIKA 128

wed 10/30/21

#1092-0374-2

Fed. Express

CONSOL. DATE
6 packs of blue ice

around the sides

295-3339

10/1 Fed Express Handling "2" 2-"3" & "8"

sent Bert Goldberg

1720 AIA Myana Blvd
Honolulu 96815

#1101-A

Need phone #
for bus

PUNALUU for 18 Tues - 19 wed. Sept 90

#4295

Tropical
VAN

AloHA -

cancelled
due to waves
from Hurricane
Marie

9/13 called Albert - Kuaioa - few faces.
They pick up the ones
UP FLIGHT.

9/19 Wednesday Kawai'iki
9/14 not taken

Nōmīu Fishpond
Halophila - wade?

STRAND -

Head -

Bubbles -

nest paper -

TAGS -

KAIKAIUS ?

111

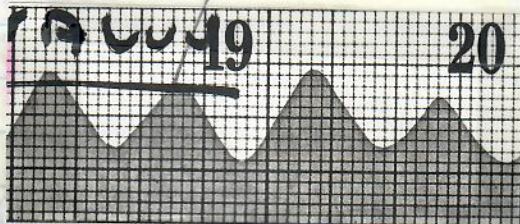
Depart Hawaiian

Mānūhōhō Reservoir

750am For Flight 353

wed.

4:05pm



Likve TO ASSESS
Nearshore site for
longterm monitoring

Dollar \$18.95

Kinikini Ditch, PMRF
Drove with Don to Nohili Ditch PMRF
- Lots of BROWN WATER flowing out. Spent 11:30am
to 12:30pm - only 1 small turtle seen - tide
still low, lush Pterocladia on limestone bench - thickest
seems to be near mouth of ditch, - thins out as
you go south - rock turns to sand beach.
Possible to launch a boat out ditch, but if swell
was like today it would be hard to use nets.
Photos (slides w/1052) of coastlines / Pterocladia.

Drove to Nōmīu Pond near
McBride Mill. "Little Beach" gives zodiac
access, Dry chemical toilet. 17 acres. Clams
here for 30 years. Turtles seen
feeding by Don & owners right off rocks
near white sand beach to the east.
"Palama Buoy" offshore. A pinnacle
near the surface - caves nearby
where turtles rest - 50' depth.
Dive charters come here.

shell
w/ west
of dead
turtles
caught
under
rocks!
NOT
seen
by me!

No Pterocladia seen. cont. Bottom

Return Hawaiian
6:00pm FLIGHT 280

P. 113

9/16
112

Andy
K. Rota
959-2656

Telecon from Home
filed

Need Kuoles
Plastic Tubes
Blue Ice
Knee/Puss
sample

Pick up 2nd cover
check on eggs
call DECARD &
Witham
+ Big IS!

EAST-West center

944-7157

Jim McMahon

copies of
"Notice"
for Purales

will send
forms

9/17

Kamehena ROOM

\$53.00

KUHIO Village
926-0641

(HI Pacific Resort)
2463 KUHIO 200 end.

\$110.00

day for Rooms
Sida #5 +1590

2cabs

need to call
each invitee

9/17

Monday Picked up East IS. eggs
3 styrofoam at Kapahulu FWS
taken to A2 in Aluminum
lockers

9/17

dup
2 slides
given

TIA Reber
Calendar

845-6328

need
hawkbill slides

2257 MAHANAWI DR.

96817

9/17

Telecon

Chuck Cook - Palau - Nat. Conserv.
will be here 10/15 - 10/21
need video.

need to
call

Call/FAX Marlu

spot inspection?

TOM - Pham's
strength?

9/19 - Telecon Leon ^{from Kawai} need

Cig. 2ir pump

113

9/18 TUES Telecon w/ Nancy Thomas. FTS 364-5418 (Chris Brand)

KARL - Necropsy form?

FWS

Disease center

Sent all Friday via Vic Honda

Haena Pt. ^{KAWAI} NO TUMORS noticed

9/13 VIA Brenda -

Fred Kaufman - KAWAI

Add outer-island info to tel. form BOATSTRIKE? one SLASH across shell

BOX 295 Honolulu, HI 96714 826-7094 "disposed of at sea" by surfers

Heather 9/19 wed.

Hawaiian 8:30 am FL. 209

9:02

Dollar \$14.95 5:25 pm FL. 362

need - photo of me w/ juv. green at home home
call Bob Cummins 235-3641
need 1989 data JAW

X 9/13 Heacock ~~350~~ Hosea Lovell ANATOLA BAY
Cont. from p. 111 KAWAI Trip 9/19/90 wed.
Mother - MR. & Mrs. Thayne & LIN TAYLOR
IRIS HORNSTEIN MAIDEN NAME = PALAMIA BOX 539
LAWAI, KAWAI, HI 96765

Drove to Hyatt under construction w/ golf course Tom Shapland works at. Walked to overlook - saw 4-5 turtles in shore wells feeding - PHOTOS. NO possibilities for research here. Hazardous conditions, at least today.

114

M-638 TO M650 + plier
9/20/90 for Logline Kevin Landgraft

9/20 IAN HARRINGTON 235-2295

Kailua Bay
Kailuana - final Cul-de-Sac
on right - NO Houses - barn
2nd - 3rd House on right -
House shoe pits too far.

Picked up by
Karl
TO A-2
says no times
at 6:00

44-121 Kalena kai
Kaneohe, HI 96744
14" dead turtle brought up by
recent high tide

need to call

→ 966-7006 Sherry Milles
San Cassalero =
Kilauea military
Center =
967-7366

Ruth LEVIN 967-7383 home

TRAVEL

- Sundberg - 10th to Phoenix
- Haast Barber (Coloquin) 2:30 / 15th Phoenix TO BANGOR
- Elliott
- Simpson
- Bailey 2nd Sun - 9th Sun

Delta
\$1,120
1,120
800
327-8898

sent 9/20 Chris Brand Telecon
Lou Sileo

FFS
9/24 EGGS sent 115
to AVISE/Bowen
by Fed. Express.
(Shiveloff)

Monday
9/24/90 239-2237 Huaka
Dead turtle covered w/ tumor
TOA2 Picked up by Karl "TMPS
100 lbs"

9/25 STAFF MEETING - May or June 91 External Review
Tues.

FTS - 9-0-0 dial

No Forms taken to Admin. in person. disruptive

JRH - A2 More cleamps & spare needs

Call Harshbarger early next week,

Hilo Aloha
27 Sept 12:25 pm 106 FL. 354
28 Sept 11:40 am FL. 437
Tropical \$17.95

VNP Lecture

Hawaiian
→ 27 Aug 2:45 pm FL. 346
→ 28 Aug 1:20 pm 206 FL. 345
12 noon

Dollars
\$14.95

MASAHITO HITACHI

Need Roman Paint - call for Quant
Tide 27-28 Sept

KARLA McDerward → WCC College
Cindy Flynn 202 Ocean
70 Kewalo

116

Sent

Scott Henderson

DAVID Porteus
Paul Gently
GEC

9/26 Kiholo
Concerns

953 MOKULUA
KAILUA, HI 96734

PAY journal
\$5 need

Roger Ventural -
Gillette

CODES

RUBBER BALLOON/BAND STUDY
STARTED AT KEWALO BASIN

9/27

Thurs.

Hiriam Fong Jr.
Kahaluu

Picked-up by haul
TO A-2 freezer.

239-9081 Swimming
pool
evident.

TMRP

250 lbs

47-375 Kam.
Kaneohe
96744

across from former

(Koral Kingdom)
NOW - PINEAPPLE

27 Sept. 90 ^{A/L} 2:45pm flew to Hilo on HA
paid by VNP - Ruth Levin Ranges -
Lecture 7-8:30pm Visitor's Center.
Full House = Stayed at
KMC cabin (great!).

need

Bud Doty - send dupes of petro. site.

28 SEPT. Breakfast at Volcano House
with Andy Kitata and Howard

Discussed 1) Puuwaia Resort overtures
to Dan Taylor; 2) Bulldozed road toward
Kamehameha Camp from Puuwaia direction;
3) 2 wks ago ^{APUA} nesting/try attempt by Glenns
4) Recent excavation by Andy
finding radically different development rates
in same nest (nest was an

September

Thurs.

Friday

sent

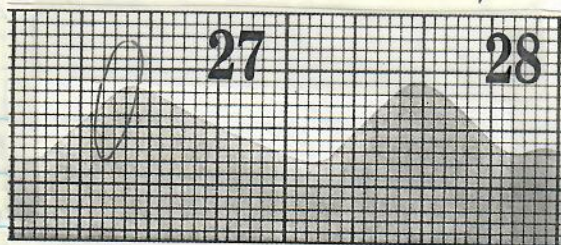
need petro slides 117

BUD DOTY
BOX 967

VOLCANO, HI 96785

tel. 967-8150

sent
need
FTH 710
VCH 127A



unknown site - he found right before
hatchlings (dead?) - located site, dug down
and found hatchling still there to come out
+ eggs in a much less state of development.

Drove to Kaimu
met - photos - lava flow now covers

MARK FRANKLIN - Kaimu Lifeguard - 965-7455

Bruce Butts - Civil Defense

P.O. Box 278
PAHOA
96778

Glenn Reed - volunteer - VNP

2 wks ago - 10016 turtle spear kaimu

→ entire area surveyed / saw turtles 8/18.
Cuts road we drove from OPITIKAO.

need -

10/3 Telecon
High tide - Friday
TO EAST IN FRONT
OF LAVA only
saw 3 turtles.

10/118 sent Jo - Anne Flanders FTS (301)
11/90 MFS 427-2343
FFS work from FFS

10/1/90 Hatchling #2, 2 #3s and 8 (4 total)
shipped (Fed. Express to AVISE,
Malia or Cala - alive to SLP 9/30/90
All others dead

10/1 Larry Hill - Jackie Miller, returned
Debris volume borrowed

10/14 #2 & 8 Brian Bowen - alive received

10/4 Telecom Yukie Ohashi Group 70
523-5866

W907 - W950 (A/SAN)
W906 test + Chrome red style applicator
Brenda Becker

Mike Kido - Kawai Community College

10/4/90 sharks sent
control programs (Howard Davidson
7144 Live Oak Ave
10/18 sent Menlo Park, CA 94025

(415) 321-9762

freelance writer
for Surfer Mag.

Call = ~~Sandberg~~
Hargbarger
Mr. Franklin
Sherwood Maynard

Need
Tidechant
KBay

~~Herbman~~
pleasant

119

Aluminum
Shelves
Al

5' x 15'

office Reno.

ANNEX 1 =
empty JARS
go look at it

wet/dry vac
Roy - another cabinets

lights
RATS (w/erphain)
Rust

11/3/90

Leslie
Timey

Nancy
Linsley

KARL Bromwell

Romare - 536-8298 \$45. gallon

866 Ewaie Rd.

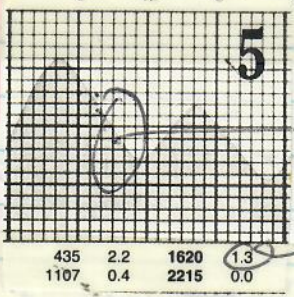
Across from Salvation Army - up the Ramp

MARK Reef

FRIDAY

10/5/90

3 + 3 =
6 seen



78° F (at reef apt. 1 new)
3 caught
(+ 1 caught & escaped w/TMRs)

9-10:15 am

doesn't seem right for what we saw at pier at 3pm

GHB 3 caught + 2 + 1 Karl escape
KB 3 " " + 3
L.T. 3 " " + 1

OCTOBER

10/5/90

81° F Reef 42

12-1 pm

CAUGHT TWO
1 ADULT ♀ MASSIVE TMRs
1 juvenile - NO TMR

Leslie
Timey saw + 4

10/5/90 1:30 - 2 pm AOL Saw + 3

Caught 2 (Karl)

1 w/Tumors (Bad)
1 w/out

120

Telecon

10/6 Sat. Call from Uchida -
- Marydele D. Dammely (Limpos)
- Hawk presentation

10/5/90

MARK Reef ① S-46.9 C-50.0
247, Y846 (N510)

Recovery
5/23/90
C-49.5

78°F

② S-55.6 C-59.0
271, Y886, 87 TMR's

TMR's
Recovery
6/15/90
S55.1, C-59.0

S-49.8 C-53.5

③ N511, N512, Z222 TMR's

REEF 42

81°F

④ S-44.5 C-47.0
N513, N514, Z223

⑤ S-87.0 C-93.0
N515, N516, Z224, TMR's
Adult Female

Dead strand
Kahakua

A.O.L.

⑥ S-44.8 C-47.5
N517, N518, Z225

⑦ S-68.0 C-68.0
N519, N520, Z226 TMR's

4 of 7 w/tumors

2 of 5 tag resightings

10/9/90

7:30am

OWANI

KAMANA Beach Hotel

H.S. Bulletin

Bruce Carlson

Tues.

Fresh Deep Prop slashes in CARAPACE -

~ 1 1/2" long (5.0 cm)

lead -

HPD Waikiki
PATROL
K. KESSLER
#3083

need HPD officers -

tel. 943-3801

2425 KALANIANA'OLA AVE
HONOLULU 96815

Need act sent
Waikiki Improvement Assoc.
CHRISTINA KEMMER, PRESIDENT 121
2222 KAKAHOA Avenue Tel. 923-1094
Suite 1400
Honolulu, HI 96815 FAX 923-2622

Telecon 546-5670 }
Modern Dance 546-5602 }
MIMI WISNOSKY // 4016 LURLINE DR.
Hono 96816
sent sighting cards 735-3666 - Codephone

10/13 Telecon at Home - voice phone 576-3925
officer Scott Chun
DOCARE 548-5918

10/15 10 AM went there nothing present.
Large "20016" normal-looking Hono in eastern-most pond of Ala Moana Park.
Silty water comes through Waikiki Yacht Club.
I drove there - spoke to Bill Taylor, life guard, and fisherman.

10/15/90 need sent
Michael W. Perry
622 KAIMANUINO
KAILUA, HI 96734

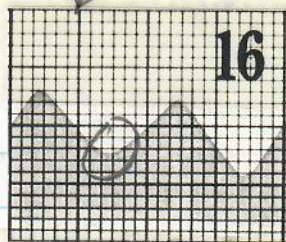
10/15 → Joan - Sea Life Park "MITES" Recommend Fresh H₂O soak

10/18 Brooks shipped turtle - TO A2 MUDDY!
CCG-85cm found by DOCARE 10/14
Dead 10/18 at Kewalo

122

TUES

TUES



10/16/90 GB, RM & KB
 8am to Kopahulu Seawall -
 Snorkeled out to "Grace Reef"
 w/ inner tube - 200-250 yards
 off shore. 1-3' surf - low tide, visibility, 3-5'.
 Found ledges but no turtles, too much
 surf from swell, 8' deep, NO turtles
 seen, surfacing

Drove to 10am Sheraton, Waikiki
 Gill net fisherman w/ algae
 in net, Plastics in water, lots of *Sargassum*
 in pocket of seawall, *Hypnea musciformis* in
 front of Halekalanii (growing on rocks/
 cement).

wife = GAIL
 10/15 Tel Don Heacock PUPPOA fishermen
 commercial surfed 15 whole life
 GREG FITZGER 826-9007
 Havalei Bay 43 yr. old. 250' offshore

3pm Sun, 10/14
 CRYSTAL CLEAR WATER "Backdoors" surfboard - 13" x 8" Bite
 "NO TURTLES" 9' long board of BOARD off
 12-14' long

Box 27
 Havalei 96714
 ROB THOMPSON - out 4 hours - sun set dusk
 Chased out of water
 PUPPOA 3 days earlier
 826-9066 - SAME AREA AS ABOVE Thurs, Oct 11th
 AT "HIDEAWAYS" (very close to Joe Thompson site)

Clear water 250' offshore
 Little surf board - Came straight up to him fast,
 3 rapid approaches - Then Shook around him for 10 minutes 17

Dead VAN-244-2072

(10/16/90)

wed: FIRST seen floating Monday - picked up TUES by 123

10/17/90 Brooks - 24" ECL, 345-40lb Turtle Blind - TMS ON EYES AND HIND FLIPPERS. KAHUKUI HARBOR - MAUI TAKEN TO LANDFILL DUMP.

10/18 Mr. Ken Benton 638-5692

59043 HUELLO, 3B
Haleiwa, HI 96712

Small dead turtle in front of his house, pick up by KB, TO A2 freezer.

10/19 Noonan - DOCEE 9am > Re: 10/23
PAMI - 905am

photos 3-5

photos green background. Blk bellies lots of growth evident.
Belly photos TAG NUMBERS C526 C527

Released GHB

10/19

SL 6.3 cm C528 C529

Kawaiiki Beach Park 10/19 11:50am "Swam out"

SENT TO MEYLAN 10/19/90

Received 9/30 from FFS

SL 6.4 cm C530 C531

Back SL 6.4 cm C532

Deform hind speak pigtail

8/7/90 AWA Pt Hawksbill nesting (Andy & Aker)

8/17/90 Kamehame - NOT ASSOCIATED w/turtle activity

10/19/90 Aine O'Malley, Hawaii Times
Friday Shanks 45-54 LAWAI Rd.
Sent KOLOA, Hawaii 96756

MOSTLY AT USED AT KILLOLO

10/90 Returned by VNP KIKUTA - Y702 - Y725 (24)

*TEST Y748 Y749
TEST (BUT NOT RETURNED) Y701, Y745, Y746, Y747
N401 N402

Y740 - Y744 (5)

124

Aloha 24 OCT
FL 90 1055am

next
earlier
955am

Ki Holo

F487 340pm 26 OCT
(next FL 415pm)

Budget \$21.95

Res. No.

TROPICAL = 2290364

KAMAHIWA RATE \$29.95

STRAND

10/20/90 SAT evening Call from Reg Gooding - Shark bites
kyaking by PATTONU seen

and saw (large 200lb dead
turtle decapitated) all all flippers off.

10/21 SUN I drove to Waiprabo Park -
confirmed, but didn't see, the
carcass.

LAUPAPA OHAU

[Faint, mostly illegible handwritten notes and scribbles, possibly including dates and names.]

+990? +420

#10 Lincoln town car?

~~Cheryl~~

H0819CGGB

~~Cedey~~
8/10/90

922-1228 - Sand & Sea Hotels
Hilo Seaside Hotel

922-1228
\$115(2) 167(3)
(#143) (#181)
\$67465

Budget 922-3600 \$14 day up Taurus

ALOHHA 436 10:25 AM

~~Direct call Hilo canceled 8/10/90~~

~~49 Karen Hilo Hawaiian 531 5235~~

ALOHHA 21
437 11:35 AM

~~Hilo Bay 800 442 5841~~

(Novel-TWorld 523-0815) 10-2 weekdays

146.520 Simplex

127

10/5/90

6 TAGS Destroyed & disposed of Y951, Y859, Y833
N344, N359, N355

from my office

Puleloa Tumor Record

6/10/89 KAWELA ^{Puleloa} Dead strand (slide)
 (kamiloa) 8625; Tumors;
 (ONE ACii on slide) LFF shark Amputated
 Tagged 8624, 25 6/29/85
 Kawela 5-68 x 54.5
 C-74 x 67.5 ∴ 3.33 cm/yr

8/30/89 ENTANGLED in discarded gill net
 10-15' deep - KALUAAHA, MOLOKAI
 (NO 35mm slide) Massive tumors. Strony at time of
 release - Tagged 91820, 9183
 (newly tagged) C-60 x 53.5

12/3/89 VALAQUE - Dead strand - NO TUMORS
 (Puleloa 35mm slide) RFF amputated
 C-98 cm

Army
 National
 Guard
 Choppers

NELSON TANAKA part
 3642 Sunset Pl
 Honolulu, HI 96814

Met on Airplane
 returning from Kiholo 10/90

Need
 Call Telephone
 Albert Smith
 VALENTINE AHO 841
 822-5606
 KAWAI

TMR Questions:
 Why were shown up in
 captivity?
 Anyone ever seen it?

P72 - Lewerhant Telecom

METRIC SYSTEM WITH U.S. EQUIVALENTS

METRIC UNIT (1) U.S. EQUIVALENT

LENGTH

millimeter	(mm)	0.04 inches
centimeter	(cm)	0.39 inches
decimeter	(dm)	3.94 inches
meter	(m)	39.37 inches
decameter	(Dm)	32.81 feet
hectometer	(hm)	109.36 yards
kilometer	(km)	0.62 miles
myriameter		6.2 miles

AREA

square centimeter	(cm ²)	0.155 sq. inches
square meter	(m ²)	1.196 sq. yards
are	(a)	119.60 sq. yards
hectare	(ha)	2.47 acres
sq. kilometer	(km ²)	0.3861 sq. miles

METRIC UNIT (1) U.S. EQUIVALENT

VOLUME

cubic centimeter	(cm ³)	0.061 cubic inches
cubic decimeter	(dm ³)	0.0353 cubic feet
cubic meter	(m ³)	1.31 cubic yards
cubic decameter	(Dm ³)	13.10 cubic yards

CAPACITY, CUBIC

milliliter	(ml)	0.06 cubic inches
centiliter	(cl)	0.6 cubic inches
deciliter	(dl)	6.1 cubic inches
liter	(l)	61.02 cubic inches
decaliter	(Dl)	0.35 cubic feet
hectoliter	(hl)	3.53 cubic feet
kiloliter		1.31 cubic yards

CAPACITY, DRY

deciliter	(dl)	0.18 pints
liter	(l)	0.908 quarts
caliter	(Dl)	1.14 pecks
ctoliter	(h)	2.84 bushels

CAPACITY, LIQUID

milliliter		0.27 fluidrams
centiliter		0.338 fluidounces
deciliter		0.21 pints
liter		1.057 quarts
caliter		2.64 gallons



GEORGE H. BALAZS
 ZOOLOGIST AND LEADER,
 MARINE TURTLE RESEARCH


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