

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

APRIL 93 - MARCH 94

G. H. BALAZS

CHAD (Home) = 599-6905
 HIMB = 3407
 ZODIAC = 6491
 ATLANTIS REEF DIVERS

"HONU POWER" BADGE needed

LIN 576-4747 (PAGE) OFFICE-944-0250
 576-4748 (VOICE PAGE)

ED MEDIEROS - 553-5702
 SEA LIFE PARK - 259-7933; FAX 259-7373 (223-1530)
 KAISER - ~~239-1937~~ Beeper 538-8043
 239-6335

Geo. WATSON - ~~885-8827~~ HPA - Box 428 96143
 SHAWN KOGA
 (623-3452)
 (956-8770)

COE - FTS 392-4009
 NAUGHTON - Home 262-9029
 MARC RICE 885-4965 (home) HPA KAMAKANI
 885-8250 (office) HA 274YB
 KAWELA BAY = 967

ROGER DI ROSA - JOHNSON - 621-3044 x3182
 BIOLOGIST =
 KATAHIEA = 967 8226 (VNP) 967-7446 (Home)
 ANDY KIKUTA = 959-2656 985-8825
 *PULELOA *553-3778 (Home)
 567-6696 (Work)



WGB 259-25257
 KAWELA GATE = 956
 BJ HUGHES = 924-5243
 THOMAS COOK 532-1888
 Ogren = (904) 234-5709 [home]



Composition Book • 9 1/2 in. x 7 1/2 in. Kaimuki Auto Body -

Available As:	Item No.	Sheets	Ruling	BLINSKI = 875-1234
	09-9130	60	College Ruled & Margin	EXT. 4949
	09-9132	60	College Ruled & Margin & Paged	
	09-9134	100	College Ruled & Margin	

ESSELTE ^{Supervisor BRIAN SUGIYAMA}
 Esselte Pendaflex Corporation, Garden City, NY 11530
 Made in U.S.A. B&P and Boorum & Pease are trademarks of
 Esselte Pendaflex Corporation.

955-1036 : 9241
 NMFS-HL FED. EXPRESS # 1510 74782
 SHAWN KOGA 623-3452
 LARRY HERST - UF = (904) 392-2977

HOOKING WORKSHOP = 4 / FR 2000 / 9WGN400

MAUI DIV. AQUATIC Resources - 243-5294

Dean Owen 237-7286 | SHARK 587-0393 1

KAWALO BASIN = 531-5613; 533-4110
Russ Miya ~~526-1957~~ WINTON = 593-0515 1

→ GSA 139239 MJD 951-4425 9/24/66

Bob Morris - 262-9621 (office) PAM LOFF
254-1940 (home) 261-4275
LARA SCOTT 879-0493; Nemoa 661-5555
CLUB LANAI = 661-0330 P. Weitzel

MAUI - 243-5414
Albert Morita 565-6688; 565-6448
HILO CARE - 933-4291 → BRIAN SUGIAMA
KONA DOCARE 323-3141 → FAX 933-4249
KAUAI DOCARE 241-3444
MOLOKAI 567-661P

Gene NITTA = 737-7167 home
DOCARE - 587-0077
Kim HOLLAND 734-4732 (home) 236-7410 office
BRILL - 732-7611
CASEY JARREMAN 949-1943 DAET BICOY 558-8440
JULIE

CHUCK COOK - FAX 680-9-488-1725
ALYSSA WARD = 237-8618 (home) 732-7218 (work)
MADE LAMMOES = 922-0725 work 247-1911
MARK TINKO = 247-3945 work 732-5525
MIKE MCCOY 325-6936
JOSH HEKIKIA = 262-6692
DICK WASS home 955-7027 office 969-9909
ALYSSA WARD = 237-8618; work = 433-6921
MICHELE KINN = 736-1011 486-0168
ERIC HILL - 957-1276 (H) 956-6181 (message)

DANNY AKAKA - home - 325-7946
office - 885-6622 ex 7065 COTTAGE 885-4830
JASON HAWAII LOA 247-9194 236 7429 LAB

KIM (KA) CELLULAR = 927-3530 KIMS 236 7430
KEN NEITHAMMER (406) 276-3347
BOB CUMMINS - 263-6186 942-4911

6491 - combi

CLUB PACIFIC 844-6129

AVE LOCKER 6060

ISLAND = 830 47 N 186.13 W

2

TELEONICS - (602) 892-4444 Bill Berger

2

#1418

Techniques =
- fighting cards ①
- Tie to weigh ②
- stomach flush ③
- Speculum ④
- Moto too ⑤

United = 547-2211

International - 547-2811

cover over head
*

George Losey
254-6519 Home

TIM RAGEN -
247-4850

E. JACOBSON - HOME (904) 591-3161

DON WILLIAMSON - MIDWAY 808-471-1110
EXT. 416
EXT. 607

Leighton Taylor - (707) 963-2260

Phil Williams home office FTS 427-2322
(202) 544-4161

PAUL'S SCHOOL = 395-9011; 395-9022

CHRIS' SCHOOL = 956-7833

HALLACKER, LEON (HOME) 959-5987
(office)

MO P
H/K
Kevin Mahoney (home) 969-3759

HAWAIIAN AIRLINES = 537-5100

ALOHA AIRLINES = 836-1111

MIKE MOSEY = 263-3490

"Kamakani" HPA = HA 274 YB
PATY FAX = 587-0390

Keith Keau - Mami DOCARE 281-470
54 High Street 28470
WAILUKU 96793

ALAN HONG - Cellular 927-4719
LISA KING = 956-2870

FAX 435-3675
435-4416
(415) 435-4416
Telon

TASK NO. 8LIAHTOO

3 3

ATLANTIS "Explorers"
Reef Divers = 522-5801
8/29 Thurs. [1:15pm - 4pm]

Jeff Mahon -

MARY 788-1166 home
236-7428 HMB

Larry Hamilton - EWC Policy Institute = 944-7253

LINCOLN HALL = 944-7814 17 - Hale Manu

ACROSS from Moore Hall -

TV Room; phones in Room. Sue 944-7920

KAREN BJORNAL office (904) 392-5194 Home (904) 393-3986

Home address =

John Conroy = (home) 967-8092

MARC RICE CELLULAR = 936-3364

ADDRESS:

UH - HILO 96720-4091

YVETTE ANDERSON = 941-8613

L. Taylor FAX (707)-963-2071

(707)-963-2260

167 SAGE CANYON Rd.

St. HELENA, CA 94574

SKIPPY HAU = home 877 7511

office = 244-2072

70 S. High Street, Room 201 WAILUKU, HI 96793

New DOCARE NO. = 587-0066

FAX - DOCARE 587-0080

Dr. Murray Dailey = (310) 985-5343

JOHN WILSON 553-9075 Home

SHANNON FITZGERALD - 526-4212 Greg = 4188

COB = (206) 526 4031 (John Clay)

Cheryl Rosenfeld = 528-3854

Steve Ruessell home - 943-0610

① HIJETA CITY =

② NAGASAKI = 3/91

③ NAGOYA = 3/92

④ TOKYO = 3/93

⑤ TOKYO = 3/94

TORI = 696-0103

TOKYO CHAD = 599-6905 home
Pgr. 844-6129

MIYAKO HOTEL

3/31/94 Headstart turtles have higher mortality during 1st year. ^{disproportionally}

- No testable hypothesis
- Read letters from Bowen to Bekko (Phil send it)

- NISHIMURA JBA Activities

Museums for Bekko: Nagasaki, Osaka, Tokyo

#1 Hatching, release, and conservation
Nagoya is center - Uchida hatching & release

② Cuba; Indonesia (Candidate area)

③ Research on hawksbill + DNA

④ Substitute materials
6 rept out of 600

Kanazaki - 60-90 cm in waters

IMPORTANT NEEDS

- Mahalo Letters to Bekko & photos

- Bekko SLP sample

- Private DNA LAB

- Wood Dr & Dr to JAPAN

- Team's old hands slide Proceeding from 1993 Summit

- Covert & Private Lab

- Point I missed in my present - absence of existing info on history and knowledge of source

PINK FARM JAPAN TO CONSERV. OF JAPAN HAWKS

OKINAWA

LIMPUS - Windup

RMTCP. SPREP = 26 Nations

SPREP Donation to Sprep from MIT - for YOUTH/TP educational School
Dr. FOSS - Windup. Thank interest & participation of JBA supporting meeting. Thank Inter-Group.

- ① State of knowledge continued to improve
- ② Clear there are difference in hawksbill parameter between regions - need to be further studied.
- ③ Apply best available information to conservation & management
- ④ CUBA work best in region

Bob Morris
Telecon

Need HARSHBARGER sent 5
 RTLA by Bob Morris.
 - NEURONA?
 - Reports RTLA
 - Kolinski Report 5553 (Lung)
 - Aguirre report 5554 (Liver/kidney)
 5575 (ovary & eggs) Ints
 5629 BRAIN / SPINAL
 5630 BRAIN / SPINAL

MAUNA LANI Kona
 AloHA - 484-1111 21 April FLPP → 6:30 AM 7:09 PM
 NATIONAL #31 F485 5:40 PM → 6:17 PM
 # 0812198026

4/16/93 sent
 1/30 sent

Call Michelle Need - TARP Buy one

Audrey Wood - Underwater USA
 P.O. Box 1363
 CAETANA, MAUI, HI 96767

HULITEE PALACE - CALL DANNY
 - Mrs. AUTOY Turtle Released?
 DATE = BEHAVIOR =

AS per JUSTIN RUTKA

4/18 Visted 4B life guard station - Sandy Beach
 photos 35mm slides. 4-5 turtles
 right off black subtidal rock hosting
 ulva.

SWBA
 40' 60min
 + net

4/21/93 KEAWANUI #7
 11 CAPTURES

H39
 sent

Ron Bass Maui Sea Kayaking Club
 Box 106 Paunene Maui 96784

6 MARK
4/26 SMALDEBS
599-2436
SCLDF

Jim Lecky (310) 980-4015
chief, Protected Species Management Div.

Dawn Haggis 811 W. 15th Street Apt 2D
Newport, CA 92663

4/25 sent

Dr. Edwin Stoch (216) 397-1886

John Carroll University
Office - (216) 397-4253

4/27/93

Marilyn Fernandez

Shanklist
27 AEWDA PLACE
PUKA'ANI, HI 96768

sent
4/28/93

c&c
Water Safety - Lifeguards 922-3888
3823 LEAHI Avenue
Honolulu, HI 96815

4/20/93

WIND surfing Magazine

sent

~~443-2657~~
(510) 443-2657
(408) 423-5391 - home

Mrs. ELISE MacGregor
4651 Almond Circle
Livermore, CA 94550

Karen Steensma

9295 AXLING Rd.
LYNDEN, WA 98264

Tel. (206) 354-1685 office (604) 888-7511

4/24/93 Steve EVANS
Heiwea Strand 7
488-1870

4/23/93 Waikiki Canyons
Friday RM & GH Scuba; BW & SPS snorkel
3 captured (1 was new) N852

4/25 Kahauna stranding - N854
S/N picked up by Tori from Susan Medeiros
239-2727

Score = 1
TAIL = 1-#1
LEGE = 2 #1's

4/29/93 MARK ROOF
SL = 44.4

CCL = 48.0 Wt. = 29/lbs

"Cryosurgery posterior left eye 3x frozen
Anterior 2x frozen. photos by RM
eyes missing only slabs

4/25/93 Sunday paper - Tiger 13'10" ♀
Stomach empty. Meat 80 lb. Fin #15 lb.
Towed back out after cleaning. Jaws - Fin condition.

PUAKO TRIP
5/4/93
ALOHA AIR =

need to cook FAX

NATIONAL =

SEN TODD
DICKIE JUDY
FRIEND -
KOLLIE
Telcom Box M 96745 (R55)

THURSTON
326-7825

4/23/94
LAST seen when surf came in at HWHITTE
Friday (Thurs) release

Turtle weak when picked up
Danny called Sunday - came Monday

Russ Miyai

Sandy Beach Turtle Observ.
4-22-93 1:30 pm - 2:45 pm

- Lifeguard 4B - easily saw 5-8 turtles - all inside or within shorebreak that breaks on and around rocks w/ Ulva.

- left hand side of 4B. There is another set of rocks w/ ulva
4-5 turtles were sited

- Lifeguard 4A - saw 5-6 turtles, however, they were further apart than the two previous areas observed. They appeared to be feeding on loose detached algae within the shorebreak.

Walked $\frac{3}{4}$ of beach for fecal pellets - none seen

Today there were winds of 10-25 mph. A tradewind swell was produced by these winds. Surf was approx 1-3 ft. Netting turtles not advisable on a day like today.

4/27/93

TUESDAY

50' 45 min

Waikiki Canyons - GHB & RM

1 captured - untagged BW & Tim Clark -
Scuba

Speech 251 shunk list

4/28/93 J.C. BISCH - 941-9200

4/27 - Turtle in Hilton Lagoon
Ron Hirschel
60 N. Beretania
Apt #3701
Honolulu 96817

KID

RAGI PENAROSA

Kim
Holland
Interview

Producers
JOHN B. ROGERS (OLELO)
The Corp. for
Community TV
P.O. Box 27594
Honolulu, HI 96827-0594
Tel 846-7852

shunk list
sent

4/30/93

Walter HENYAN ENG 101
49-189 KIAHA PLACE
MILICANI, HI 96789
623-9571

Gary Sprinkle
KITV

545-6200

1290 ALOMOANA BLDG
96814

ORANGE

(4/30/93 CL = 102cm
SL = 94.8cm)

4/30/93 Friday large turtle seen attacked by shark
Kalohui Bay - 3 flippers missing. Shipped Aloha Camp
picked up by me 7am Sat 5/1
TAGS -

8468 8470 [CO15 ¹⁹⁹⁰ May EAST]

7 1000 total
~ 700 Big yoked

originally tagged - 6/18/85 Kalohui, Maui
8468-8471 SL = 92cm

Numerous unshelled eggs - are FF may have been amputated ^{week or days} earlier

X376 - X379
between

X351 - X375) Joe Carlano 12/28/92 CALIF.
X382 - X400

X250 I have no

USED ETP (I have records from Bob P. 4/29/93)

X250 X254
X301 - X330

Should have been returned 9/92

Where is: X201 - ~~X300~~ X249 ^{x250} ?

IN my office?

~~X255 - X300~~

X401 - X500

IN my office 5/3/93

Soloanons

~~Phillips~~ west (X378, X379)

[X376 X379
X330 - X350]

NOT ACCOUNTED FOR

MAT

out
Coco
Se

M

5/4
TUESDAY

5/5/93

EMAIL ADDRESS

3/3/93

(6) Consider of other criteria IF N

MATT Hayes
news reporter
242-6328

Jade Zarrella = 874-0448

Andrew Wallace

article on
Coccidioides
sent

Dr. Carl Berg DOH environment
3040 Umi St.
Cilwa 96766 Kaimoa Bright
241-3323

Jim Murphy USDA 541-3066
Puleoia 553-3778

Mr. ROTRAUD caretaker
293-8648

Leaving
5/24/93 MVOcator

MRS. Geo. AKAU
54-002 KAHIKOLE PL.
HAUULA 96717

Property to park at. →
Waikiki

5/4/93 TUESDAY PUAKO; 11 PUAKO; 3- off Maunaloa (considered Keawani) GHB & RM Scuba 50 min. 30' 55 min. 40'

5/5/93 1pm Internet Class
telnet HONLAB PASSWORD - Green Turtle Password for BALARS
PECAN314GOLDENS

EMAIL ADDRESS

HONLAB.NMFS.HAWAII.EDU

CUBA

- 3/31/94 (5) Need to integrate with workers elsewhere
- (6) Consider offers for help - DNA & sat. track (7) Praise work of other Caribbean countries - Columbia, Mexico, and Cuba (8) If criteria CITES are approved, then "marking" of products needed If not - then domestic production or synthetic

Tues. 12611

484-2222
44 lbs

LANAI
K14288

605 am
635
845

Friday 6/4
12:27

12:30
2:05 pm
5:55 pm

ALPHA
PASS
ISLAND
AIR

Francis
583

JWSAJ5

DOLLAR #99 DAY 1-4 June
6:30 am 12 pm

DOLLAR

Lanai
565-7227
Spinely Bamboo
Telcom 5/10/93

Honolulu 5375100

TUES. 9:40 am Depart - JET -

recpt 5/2

Bonnie +

call Nylon Net
call B&B Lanai

4/23/93	Sanyas	3 captured
4/27	"	1 captured
7/30	"	no captured

Shank list

(Aunt)

Mark Abramson
ZEN #JAM
P.O. Box 382
Volcano HI 96785

985-8509

w/az refuse
press Tel.
Satite sent

Sent

(Aunt)
Need
Heads
up

ED TANI, 2444880
P.O. Box 156
96793

Shank
rope
Tel.

12 MAY 93

Wednesday

SCUBA MAUI
70 minutes 50ft

GAB&EM

1 capture
1 sighting 47J

Message Contents

On 5-11-93 from 1pm to 230pm RM observed turtle approx 42.0cm SL in Hilton Lagoon. Turtle was observed several times both close to shore and approx. 15 yds from shore. Turtle appeared to be resting and not feeding. However, while waiting for the turtle to surface, I saw several blades of halophila floating in the water. In addition, acanthophora was seen growing in the lagoon. Also another type of algae was taken and appears to be Gracilaria sp. or possible Grateloupia filicina (?).

5/11/93

RESIGHTING

DATE=

Large turtle Tag 10196 seen with tungus and shark bitten at Hawaii Sherton University Dan Heacock. original data 6/14/88, East CA 100.5 cm. Also had tags 10122 and 10232 applied.

BJORNDAAL

"ECOTOURISM IS A FORM OF SUSTAINABLE UTILIZATION THAT HOLDS GREAT PROMISE FOR CONSERVATION OF SEA TURTLES"

5/18/93 TRACY PALAZZO - Biosystems
303 POTRERO
Sent debris paper. Suite 29-203.
~~200~~ SANTA CRUZ
CA 95060

14

Seen
5/11/93

Resighting

TAG 10196

PHONE# =

large tagged turtle w/ tumors seen
in front of Sheraton Prineville.

Kona office
5/18/93

Helene Love
Jim Jacobs

Hirai
R55 R56

- Marine Patrol
picked up at "BANYONS" Surf

~~67000000~~ FWS

MARINE PATROL
329-3434

3 miles south
HULLHEE spot - excessively
buoyant -
returned to Pond

* MRS. Aukoy = 329-1877

5/20
~~Sent~~
~~Need~~

TED PLUME
123 MIHA PL,
KILTEA 96753
Tel. 874-5828

5/19
Wed

K Bay GHB & Winton
& Joltz & Wain
2 - Reef 42
7 - AOL

5/22
SAT

Roz Rapozo Male Kahauna
Saw turtle tracks this morning
3' wide up to high tide line only.

293-1266

Never
sent mail

Saw turtle the night, but
nest scared back

Boer
76

5/20

TAGS GIVEN TO THEM =
5/20
RAIN
Alyssa
Susan
(6 placed)

5/20
FR

ANZ
WAKIKI
922-89
445
TUES.
8 JUN

BOEING
767

POLYNESIAN AIRLINES ^{JUL 12} 25-6965 15

FL303 6 JUNE 12:30pm → 5pm SUNDAY

FL302 13 JUNE 4am → 10:30am

EAE L KIM 525-7680

HNA - Hilton Lagoon -
supervisor

5/20 Attempted to net turtle at Hilton Lagoon.

POLYNESIAN AIRLINES HONOLULU ↔ APIA
12:30pm 12:30pm
Sun. Wed.
4am 4am

ENGRAVE - Shell, Motool, BITS (PLASTIC TUBE)
KNIFE, cutters

TAGS GIVEN TO THEM =
(Ephed)

5/21-93. Lysol
FVS-93 Applicator (4)

Repellent? "F's"
TAGS + REST OF F's
START NEW #'s

Form for nightly counts; List of TAG REC.
MARK Tumors nests; * SUPERVISOR?

Talk to WSG
* Before Alert, to Reversible tag numbers
Sid & Scarlett captured only

5/21/93 Waikiki Canyons
Friday RM GIBB Samba 50 min 40

ANZ
WAHIKI
922-8996
445 AM
TUES.
8 June

Apia Meeting wed 9th Thurs 10th Friday 11th 9-5pm
Waikiki Trade Center
Kwito 2255 Kwito 5 1016
Seaside

Bookings: GW 25 X G
AIR New Zealand = 800-262-1234

PN 259 \$1694 \$1745
purchase by
27th May

MADE UNIT ^{BY DIVER}
10 TIMES TWICE a day
with wires

5/22/93
SATURDAY

Trans. 4803
on at 3 PM

turned

Backyard for test by Sally Bear

HAWAII KAI

Air New Zealand

OFF

FL.	8th JUNE	445 AM → 9:10
Air New Zealand	Zealand	Apia
	8:30	9:30

5/25/93

8:30 PM

(Danielle Pender
1714 Wilhelmina Rise
Honolulu, HI 96816
732-49162

Trans sent

Simon SINGH

Tararua world

BBC → Room 4065 Kensington House
Richard Way

5/24/93 London W14 0AX

5/21 Friday Canyons
RM & GB Saba
50mm 30'

5/21/93 TO FFS F51-F100 + 6 piers 17

TO FFS
1993 SEASON
(MONTH OF JUNE)

F701-F800
F801-F825
F845-F850
U29-U500

Tests on
CARDBOARD =
F826-F844

Reported still at Tern IS. = F619-F700

- Purchase
 - 1) Sources for Satellite trans.
 - 2) Video ^{camera} 35mm
 - 3) Another Satellite tag
 - 4) More PIT TAGS (Call Cardolatti P.O.?)

Do: Friday training class (Pender) + \$\$\$

- Laie
- Kewala
- Hilton Lagoon
- Kewalo turtles
- Scarlett - Sample
- 15 JUNE travel order
- 13-14 July travel order
- email WAG RE Aug Trip Florida

Reconfirm Carai Dollar Shiley 565-227

"Cultural Confusion"

Thursday - Stock in ^{drain} on artificial beach. Craig Moritz 539 7308

5/27/93 Dead at SIP = TAG NO. = 8687

Necropsy 9/85 27 cm - 8687 applied.
Size #1 181 &

Quantification
 Bill Cook - TRAINING CLASS

5/28/93
 Friday

Behavioral changes G.T.

- warm water
 - coral feed
 back

1-4 June 93 LAEHI, LANAI
 49 captured (7 recaptures)

GHB & RM
 no tumors

6/17/93

Morris' Clinic

5 captives - parasite study Kewalo

Wednesday

Growths taken from 4 of 5, + "Honoumou" (ush)

Sampled. Sent to John Sundberg.
 ALL 6 Turtles Released at Kaneohe Beach Park.

Ann Pettigrew 637-3434
6/22/993 61-691 Home Hwy
Halema 96717

Call
Thurs
~~Go Friday~~

20 Scarlette captured 5/25/93 TUESDAY R. Morris

H84

(1)

CANYONS ~ 11 AM, Released off beach Ft. De Russ 3:30 PM

Posterior corner of right eye
Removed ~~3rd eye~~ 5mm x 3mm

Sample
Formalin JS

Smooth bump. Conjunctiva
Dark pigmented

2 other smaller similar bumps
also on conjunctiva - left an.

CRYO JS

(2)

About 9mm long bump deep
RFL within scope of toy
Trailing edge. Pericete surface
PINK.

Sample
Formalin JS
Formalin
JUDY SAKURAI
CRYO JS

(3)

16mm x 10mm
Pink w/ some dark pigment
Smooth surface - ventral RFL
adjacent to large pad scale.

Sample
Formalin JS
CRYO JS

(4)

12mm x 4mm LFL
Adjacent to, but not
at toy fissure

Sample
Formalin
JS
and
Judy Sakurai
Cryo
JS

ATLANTIS
Reef
Divers
5725
580

ALL ABOVE SURGICALLY
Removed, then 2x
Cryo surgery.

(5)

in Formalin to Sakurai, 4 in 70% Ethanol
to Sundberg

"More DATA and
of Better Quality;" (Design, Plan and 21
execute)

5/27/93 sent Sundberg Sample list: in 70% ethanol
4 Samples H84 RFF, H84 RFF
5/25/93 H84 REYE, H84 RFL

5/30/93 Vehon 396 9738

need
TO
call FWS? 541-2749 (FWS) gave Vehon lab
Dead turtle towed in

6/6/93 Radio contact w/ Susany Party -
Turns Started at East 5/31.

~~FWS~~ As of 6/3, up to 40-Samp IDs,
averaging 20 up a night, 10 new
IDs.

6/2 wed. Marc Rice reports hearing all
4 turtles at Kiholo this date.

(6/7) Last time he checked was mid-May

6/15
~~Tues~~ Aloha TO Kona
6:30am FL. 88

5:40pm FL. 485

2393 Dollars

Buy Five Proof safe.

Keneth
p.36

FFS
6/7/93

via
RADIO

- ✓ S6
- ✓ S3
- ✓ S4
- S7
- S8
- S10
- ✓ S16
- S25
- S18
- S19
- ✓ S20
- ✓ S21
- ✓ S22
- S17
- ✓ S30
- ✓ S33
- ✓ S35
- ✓ S36
- ✓ S37
- S38
- S43

- W672
- 3632 3633
- 3610
- W630 W631
- W822 W668
- 6068 6069 6070
- 2999 3002
- W676 W677
- 10120
- 3655
- W244
- 2370
- 237(?)
- 5233
- 6073 6075
- W378 W399
- 10125
- 10330 10335
- 5782
- 927 5096
- A322 A321
- 8190
- W185
- 5368 7181 A437
- W662

* measure

Net

4/20/78 PUNAWL
SL 673
CEL = 71.7

23712L

ADD
Another
TAG

SL = 892
CEL = 84.5 - 93

ADD
Another
TAG

* (21)

6/1/81 CAYSAN
22, 84 88 EAST

1991

1989

1989

1991

RADIO talk - Alysia 6/17/93 term

New ID 6/15/93 new ID's 143

S91 - lots of tumors

7/22/93 next flight.

EAST =

Baskets = high ~ 50

Cont'd because SCL = 89.0
CCL 84.5

94.5 CCL ??

6/17/94 - measured SL = 89.0

→ CCL = 84.5 6/93 SL 89.0 as per p. 36?

SPREP MEETING

- RMTCP -

APIA - UNDP Bldg.

Wed
9 JUNE 93 Welcome by Director Vili.

" Technical advisors -

" Give clear direction to program " of where it goes " -

vili: Letter of support (to Vili) success of Regional program.
A program not to tell people not eat turtles.

How to exploit resources sustained basis.

" What are we going to do to make program successful. Come up with something useful, practical.

Sensitive to cultures of Pacific. Can't ignore.
Has to be PRACTICAL.

If ignore - meeting is a failure before it starts.

Discuss turtle program in relation to total
Program of SPREP.

(Is Manned program a priority?)

" People who hunt/eat in villages won't be convinced unless you give them alternative. Maybe there is no alternative ".

For program to be success it must integrate with total SPREP picture.

ONE NGO Representatives

— Costello "OCEAN" Fiji.

Resolutions

- SPREP IGA

- PARKS Conference TONGA -

6/9/93 Adrienne FARAGO

MAIN

- Share experiences in turtle.
- Consensus in priorities - next few years
- Leave meeting with "work program" for 1 year (hopefully 3 years)

- Tag Regional
- mDNA
- Satellite trans.

Strategic gaps in region that need to be filled.

"Australia National Conservation Agency" new name

Objective

RMTCP Conserve m.t. ^{turtles} for their cultural (values) for peoples of Pacific"

- DATA BASE
 - Education
- What has been done has been based on what countries see as important

[Note RE, FP]

AFFECTED RMTCP

- ① SPREP become independent & moved to U.S.
- ② INITIATION of Biodiversity Program.

SPBCP - ALL funding hereafter; ^{NO} Canadian

U.S. \$500K → Available

Need Gal Grant - photo of tiger/turtle AT Midway Is.

depre 6/9/93

Island Overviews

6/9/93

Peter Craig - Am. Samoa

turtle 120 years all nesting

- Ingridental habitat loss
- Human take

Longline (Hooked - PAGO 2 days ago)

Costello

- Fiji

CLAIM ON N. AMOYA

ROBINSON

dept. Cardo, saw ^{some} ~~others~~ Hawksbills

(W. SAMOA) - Savaii 2-3 beaches

Hatchery - 1971-82

Went to resume w/ steep funding Great value was "EDUCATION"

Report of recent nestings on beach near hatchery

AUSTRALIA

- Limpus

50-80%

Declined over last 10-15 years

3.5k; now less than 1k adult females.

Trobiana Islands - 20% recoveries

loggerheads being eaten. Tagged

Main mortality - fishing industry

2nd Biggest tag of git. in world is PNG. First is Indonesia.

Stock piling

MAA AISAKE BATIBASAGA

FIJI

>1991

Small hatchery for Hawksbills

360 released - from 3 batches eggs

Need 100 tags (50 more)

(Fiji Dive Association) "OCEAN" ORGANIZATION TARAVINA COSTELLO

depressus not depressa ^{Nancy Lindsey} Hendricks paper is there ^{more recent one?} 27

6/9/93 [WWF S. Pacific Program] Funded ^{Costello} TO Come

French Polynesia

Philippe

Start - 1971 Main Fishing grounds -
Emergency program ^{Scilly}
FP No regulation < 1971 ^{Motouone}
early 1967 - Caught 100 turtles ^{Mopelia}

Headstart since 1989
AGE - 3 MONTH - 1 YEAR at Release.

- ① Should we keep working in FP?
- ② Need ^{more} information on this type of project

Special Committee set up for Atoll -
total Sanctuary

KIRIBATI

- BAINAS ¹⁹⁷⁵ 2 Reports
- ONOREO 1979

Large portion of population
do not eat meat.

Gillnets: Motor boats: diving - Rare sight to
see turtles' caught compared to 20-30 years ago.

Frequently have poisoning problems -

Totem - Sacred animals -
7 families - eat turtle will kill them.

6/9/93

PALAU

NOAH IDECHONG

IAN

Wed.

PNG

Rai Vei (Resource Officer on Turtles)

Hermit Island, Manus Province

Dr. Quinn. Univ. PNG
Survey Dec. 92;

Market Survey, DAEU

MOSES
Biliki

SOLOMONS

important nest
1981 = 560 nests
1991 = 160 nests
1922 = 600+ nests
AENA VON ISLAND
BOBEANI ISLAND
UGUGEL ISLAND
KWEI BATI people go there
NO SURVEYS - BORDER Dispute

V

Charles Vat

STEVE BROWN

ENVIRONMENTAL ADVISOR

TOKELAU

EVERYONE Agrees
Numbers have declined.

Need copy of Report

There for 6-12 taken adults in 3 months
potential hatchery site > Dec - 3 ATOLLS
Some turtles may be released after being presented.
FATAFO - 1 ISLET w/ LAGOON in center.

Give SPREP TAGS

MR. ASIPELI
PALAKI

TONGA

Most common?
hawkbill; Green; loggerhead
(maybe olive ridley also)

3 Parks

— Turtle Meat Eating Countries —

BURN BOKKO
IAN KEAY - Fisheries officer

Need -
Send Wetherall MS
TO LIMBUS

TUVALU only green known to nest. (14 km across)

A few ^{Turtle #2} fisherman at FUMAFUTI catch turtles. ^{LAGOON} ^{Regular}
SIZE = Adults or near adults.
Proposed conservation islet (where turtles nest).

ANUATU

Study
MASHALINE - 2 wks w/ SURVE
Green & Hawks able to tag 6.
Nesting Season - Oct. to FEB.

Charles Vatu

Common practice for villages to harvest turtles,
up to 50 turtles eaten one day after
capturing and holding for 2-3 weeks.

Beach where leatherbacks nest - People
see from a distance but don't go near.

NEW ZEALAND

Japanese & Korean
Cynical

Auckland - Aquarium

Give
SPECIERS
TAGS / DATA SHEETS

LIMBUS - 1 nesting female = 3% of
turtles in shallows.

You have to have lots of turtles
to have few on nesting beach.

New Recruits breeding = 10% per year

- 10% crop rate = management.

T-shirt for Philippe

OCEAN - T-shirt

VAP

STEVE KOLINSKI

TRADE need small turtle

Ph scully

6/10/95
THURS.

Tag recovery PNG -
Across equator

2/10

DONALD DAVID - "turtles really down"

NAMU
ALERT
W.S.A

POTNPEI

will start project at Orolok - only place

Looking for nesting in state, for turtles.

2/11

Lumpus hawkbill presentation - Coral Sea
Nawkbill first breed 38 years old

* "Natural Mortality" - From what?
At what Rate?

SPREP
IGM → Sept. 93
GUAM

Vili

Philippine - Send FFS management plans
 Scully satellite photos
 SANCTUARY/FIELD STATION
 Motu - one Kepler Day - type #
 Sea level 31
 VS
 FFS
 NOV

Neel - MTN Rose Summary

////// Hawksbill TAGGED
 2/10/81 CCL = 90.5 5052 RFL
 CCW = 81.5 5053 LFL

NAMUA,
 ACEIPATA,
 W. SAMOA

2/14^{AM}/81 CCL = 78.5 5055 RFL
 CCW = 67.5 5054 LFL
 (indentation healed at 11th marginal left scute)

Viliamu
 Apia tel = 21763

Nuutele Vini - 2 night 2/9/81 no turtles
 NAMUA 1 night 2/10/81 1 tagged nesting
 NAMUA 1 night 2/13/81 2/14 AM / tagged nesting
 Namua 1 night 2/15/81 No nesting

2/17/81 Juvenile hawksbill bought Apia
 Market 2/17/81 Tagged 5056 CL 42 cc x 37.5 cm
 LFL

* Best info available
 Draft - year of the turtle 1994

2/21/81

Viliamu Matagi Apia = Tel. 21763
2x#38 = per sample

6/10/93 - Lumps mDNA presentation
Thurs. My Satellite tracking presentation

EDUCATION = LEARNING
CHANGE IN BEHAVIOR → ^{ATTITUDE} Feel, think, Act
behavior

"Kill Fewer TURTLES"

"SAVE SEA TURTLES FOR YOUR GRANDCHILDREN"

EDUCATION PRESENTATION BY MRS. Good teacher!

Send Coloring Books Send GISA
GALUFA-UELESE

6/11/93 Turtle reported in Apia Market
FRIDAY Check made but not found
Offered to Chinese restaurant
But not bought.

afternoon - Marine Mammal
Meeting
Rugby

Depart Apia 4:30 am 6/13
Polynesian Airlines

need
6/14
15 J

Philippine
AWARDED FOR Scully
word - Building

MOTO TOOL #
TO Scully

Send Assortment
to Henrietta

Buttons TO TARA

Shirt sent to TARA

Copy letter
on CRUKUP
TO Solomon
MAN

JAW See Hughes (1974) report 35 I.
for 2 weeks 70% formula.

Shaver P.O. Box 44394
Todd - Kamuela, Recovery resighting
of 2235 blue. Kamuela 96743

247-0553 Roddy Lewis Mother OAHU MAUI =
579-8527

Jonathan Mozo ⁵⁵⁻⁵⁵⁰ ^{NAWALO LOOP} Thursday
^{LATE} 6/10/93 7:10 am
293-2940 Malaeakahana State Recreational
Area. Numerous lacerations on feet,
30 stitches on each foot. (96762)

Male - Kaupo, Maui. 1850.
Recently Foot bitten off a little above the
ankle. Cheever, H.T. 1851
Life in the Sandwich Islands

H₂O sent

6/14/93 Wendy ORAM Sierra Club
212 Merchant St Legal Defense
Suite #202 Fund

~~need to call~~ ^{Honolulu} shark sent Kam Schools 96813
6/14 Maile Lamm 734-3093

15 JUNE 93 Mauna Lanai + Kawa Nui
14 PIT stopped
15 captured
12 + 3 new

~~Call Denny (PITS)~~
~~HAWAII Cochin rights~~
Send Limer
postcard Hawaii Brochure

~~Handwritten scribbles~~
Telecon

6/17/93
Telecon

Send TAGS
Anne Chavez

MS. MACOL STEWART

6/16/93

ARCAS SECTION 135
P.O. Box 02-5289

GUATAMACA

MIAMI, FL 33102

Have

Olive Ridley
Ceatherbacks
rarely green

PACIFIC
GUAATAMACA
July - 100s

NAME of Beach - "Hawaii"
MONTE RICO nearest town

6/15/93 Mauna Kea Beach Hotel

882-7222. Citgard Mr. KU

Regularly seeing lethargic turtle w/ tags

23 JUNE 1993 KBAY 2 AOL

Kelli Abe 6 lat Mark Reef
KHET

6/18/93

need TV

sent 6/17/93 Send Sun list Harry Prest = (408) 459-3891 35
check into internet

sent
6/18/93 Thomas Henderson "Tommy's Tours"
444 NIU ST
Honolulu 96815
Honolulu Boy

need to call 6/17/93 see p. 49 Dead 7/13/93
re: small hawkbill entangled in power lines - TOMORROW'S -
later dead at Keolu.
TV Howard DASHOFFKE.
526-4278

~~Attendant~~

Jo Ann Pellegrini
637-3434 96712 525
61-697 Kam Hwy 8037

Honolulu
Advertiser
KRIS

Fred SP. 558-8209
BICOY

Relayed by Steve
6/24/93

Need MOTO Tool
both sides

Xerox also for 22

S 20
S 97
S 99

SL = 89.0

CCL = 100 SC 92

Tried to visit 6/20/21/92

Thu 6/16

S 130

5459 R

5460

Not Found

S 128

10124

9.324

S 132

W 664

S 138

W 691

W 692

S 133

W 767

7769

S 134

6188

9309

93909

x

S 135

W 80

S 136

W 449

S 137

W 399

W 400

S 139

10534

x

S 140

W 687

W 688

841

W 835

836

837

S 11

6695

x

S 144

A 240

A 241

x

S 145

3225

5407

x

S 43

W 646

S 154

W 636

W 634

x

S 156

W 782

S 173 I Tumor #4
Hand Ripper.
S 91 - Layered -
Not marked
Sunday
6/27/93
Big radio w/kyssa =

Need S11 6694, 6695 SCL + 2 MOTO

S 134

9309

SCL

"

6188

(8819 ??)

Im Bedded?

(6193 present ??)

Airbil
335

6/2

6/2
Frid

Excellent
TO
Go
Net

NEED

Airbill # Fed. Exp. to Sund Bay 6/24 ^{Samples} ~~ST~~ 37
1-800-238-5355 Standing at kevalo - kua laa + Barber Pt
3352827752 + K Bay capture 6/23/93

6/25/93 Telecon Tumors - article Tel 879-2665
Jim STIAK
645 LANIOLU Place
Kihai HI 96753 Environmental Journalist

6/25/93 Address & phone # p. 35 & Dennis
Friday 8:30 AM Visit to JoAnn
Pettigrew's Laniolaa beach

Excellent
TO
CRO
NET

Home. Surf came up slightly during the night. Hypnea ^{un}uniformly dispersed into rows - some sucking out channel. Joann said Grizbiski attacked off here. Also, bloody front flipper amputated turtles? came up right on rock reef (1978 site Laniolaa - Dr. Miller's where Alan and I netted at night and Bob Kath confronted us. Would also be interesting to set shark hook overnight here.)

NEED

only one small turtle seen - got near rock. Appears that *Herocedia* still grows on rock. Dr. Miller's son reported died on way out while back. 2 photos taken.

JOANN Pettigrew LANIAkea 6/23/93 ID

① #4 left jaw - pink & necrotic

Sundberg

② #2 ~~the~~ Right Shoulder pink papuliform

③ Right #4 Eye ^{very} Smooth - gray ^{BLK}

④ Normal skin - left shoulder

Surf collected 6/28/93 Kuaolo for 12 hours, then into 10% buffered formalin

6/28/93 KHet interview Kelli ABE TRIFONOVITCH ⁷⁰⁹⁰ ^{ETHAND}

6/28 Visit by Abstract Reich ^{need} ^{Seed} ^{child stuff}

7/26/93 MONDAY 9:50 AM H.70 10⁰⁰

7/29 Thursday (4 NIGHTS)

MAUI

RESERVATION

ALOHA

HONOLULU RECORD LOCATOR #JOISQI

Maui Beach #55 7/7/93 "Joan" Jon. Price

7/30 Friday Noon FL 69 12:05 PM

Hawaiian 537-5100 9:50 AM \$19.00 4 PM \$22.50

NATIONAL - 31 CAR

Honolulu Ash JOKU

Need = Hotel =

ISAIX

6/30/93 Waikiki Canyons 40 MIN 30 GHB, RM, ME + BW

1 captured new - used for Sundberg study

293-2940

7/6 Telecon Jonathan MOZO - 6ft surf board Ryan Bell on body board near him 30' felt something bump him before attack.

now change out surfing zone to the only

6/28/93



Need TAG KIT FOR MAEC PICE

Polylysine - Shd be in it and air dried.

Variation within same tumors.

Spray fix and prevent air drying.
"Spray for polyethylene glycol
PAPS Swears

DATA Should be same ⁱⁿ tumors all the time. If not, then random process.

British Columbia & C Cancer ^{Agency} Research Center
Dept. of Cancer Imaging

[Dr. B. PALCIC] (604) 877-6010



Need call BICOY MALO KAI BY THIS SUNDAY

Fred SR.

→ 988-3384
5588-209

Dart 558-8440
Julie

Need HILITE need INTERNET

6/29/93 STAFF Meeting

Telecon Nancy - (916) 489-9849
Cinsley

7/1/93 EU/necropsy of Barber's Pt King Meyers
Strandy. Samples TMR taken for Sundberg study.

7/1/93 FWS Telecon

* Need Steve or Tim
→ (3135) immature basket seen
→ Dead ♀ 6/22 - 6/30
97 cel 91.5 wily LG, 110 or 610
#2 #2 79 cm PL

7/6 "Kono" Pan Hara (confirmed)
Reservations 19 - 20 - 21 \$55
stand by 6:30am 7/18 Hawaiian = 537-5100

confirmed 7/19 FL 1790
8:55 am
9:23 am
6:20 pm 7/21 FL 1775

AVIS #27.95 compact

I4NFUL Record Locator

* * Dollar 800-800 4000 #33 3/copy
Conf. ID 1410896

553-5342
July 19-20-21
6 AM 6:30am
ALOHA FL. 1724
Island
AHE (confirmed)
484-111
I4MARTH Record locator
Budget #35.99
OLOKA!

Meeting w/ GIB
REI Program
Review 7/1/93

N-90
S-90
#33
3/copy

Jim Borg 737-9622 Home office 956-7045 41

* The Educational up beat - a productive laboratory

Meeting w/ GUB
PEI Program
Review 7/7/93

- ① - Background (5 min) Wise use gov. money
- ② - Research Results
- ③ - Wave Documents

green Hawkbill

- Slides
- Geography

④ 3-5 ^{min} toward - Where are we going in coming year / moving in what direction ~

* Phil Williams - Project ideas: ① DNA Pacific; ② Satellite; ③ + Hawkbill; ④ Bone Aging Pacific

→ Ring flash for Cannon ML-3

Need
Send

Tim Meyer
VP17 TACTICS
FPO AP 96601-5910

* Monitoring & Assessment
tells you if problems exist and what they are.

* Need
JCN
WTSB
SPECIES
+ TECHNICIANS
DOCS

* MOSER
P.O.

More
representative
forces
for office

Hawaii Posters not coll
needed in Seminar Room

sent
7/8/93 Melissa
Mae Pherson
2150 A PAUL CO
Honolulu 96816

~~need~~
normal
Saw turtle
which swimming close
to shore at Moana
Beach Park. Life
guards say regularly see 3.

~~Need~~

Potential Volunteers
262-0166
TYRA Rogers

160
sent

Patrick Ching
1476 ALAHEKILI
Honolulu, HI 96819

7/10/93 Bradley Hara ♂ Tiger
Sat Caught last night in front of his
house. 18" bite
Now Apartment "D" Av Street

Wailua Beach Road Varant lot
Awepuho St. - Post Wailua
Elementary School
"Cary" 26-30th (4 days)

Total
13'4"
11'

need
K&K

~~Motorola~~
Rent-a-Car #39.95
879-9257

Flipper
& Triggerfish

(LIV)

→ PATY statement -
"Take sewer
tubs out" need
serv. console
+ #30
letter

26
41

11
55

71

7/20
from

LIN Hodgson - ALGAE - Maui

578-8597
Donna - MOP Maui - 669-7580 Home
Troy Scott 575-2357 (evening)

PIKAKE = 669-6086
MANAGER J(Y)AN TERLULIN 3701 Lower
Ho Piilan Hwy
\$70 each deposit to Katherine Knight Trust Labaira 96761

26-29th
4 Nights

Nohonani = 669-8208
2 Bedroom \$102 - 10% = \$91 (\$200 deposit)
Manager = Blu Robinson (Turtles cop. in front of here house. BIK coral Pivers - "Turtle House")
3723 Low, Ho Piilan Labaira HI 96761

need / KRSULA Bennett = 669-6915

MARC RICE = 885-4965

553-9950

call Bjandal - ~~office~~ office 904 392-5194
~~office 904 392~~ home 904-393-3986

7/2 need

Klein - (904) 392-2608

7/20 call from = 7/21

Reith (604) 877-6010 *
"Protozoan"?

Larry - (904) 392-1634
Herbst

44 AUGUST
 SUN 8 MON 9 WED 10 THURS 11 FRIDAY 12 SAT 13 SUN 14 15

~~8:30pm~~
~~8:30pm~~

9:42
~~11:16~~

5:00
 2:49 pm
 Full 5:15
 7:32pm

LA # 77N606

United 547-2211

Premier
 8003 8900

Rec. Loc. #1064

YCA #91050
 MTR14
 LR14

Jolly Roger Motel
 5685 S. Hwy A1A
 Melbourne Beach 32951

Airt

\$25 deposit
 1/15/93
 MARGIE

(407) 927-8720

Chicago 12:15 pm

3:14 pm ONTARIO

5:12

Need -
 1 Rental car ORLANDO
 Dollar

2 United to BVI

3 Hew-Troce; biopsy (Formalin + 70% + punches + histocaine + Slides)

4 Carr/Mortimer CCC?

3 DAYS
 8/9 NOON - 8/13

ORLANDO 8/9

LoA 8/13 - 8/16 7:30pm

Dollar = AAA 28.99 = 15%
 800 800 4000 #D.1551020

Full size Dodge or Plymouth #26.95
 #D1551021

NATIONAL =

800 328 4567

HERTZ = #25 MID SIZE
 #86071106945

Full size #29.99 TAURUS
 86071106DD

1800-CAR-GOLD
 Gold #18388925

Air Rent

4299

42993

42993

42993

42993

42993

42993

4299

42993

Reath

4/29/93

7/12/93 Bob's Clinic

ID: 42993 - Kualoa, HI

① Lower right eyelid #2 Gray

42993

A-L 12^{slides} Total for Standard (3 each)

② Right neck #3 Pink

1 slide

③ Left dorsal neck #2 black

④ Right hind #4 Pink/Black

⑤ Right hind #3 Pink

⑥ Left hind #3 Pink

⑦ Right jaw hinge #2 Pink/gray

⑧ Left eye #1 pink 10 slides for Standard

no Z card 42993 AA & 42993 BB.

⑨ Trailing edge RFF #1 Pink

⑩ Normal Skin - Left Shoulder

PACKAGE TRACKING NO.

Fedex 400 95619786

International 800 238 5355

D. McKay

→ 247-4747

KBay Turtle S-53.7
11589 40lbs

Both sampled
 7/15/93
 at Morris

Then b
 yellow
 back
 11589

- 11589-A ① Right shoulder #2 patch BLACK Papilloform
- 11589-B ② Dorsal neck #3 " " "
- 11589-C ③ RIGHT NECK #2 PINK "
- 11589-D ④ Right neck #2 patch black Smooth
- 11589-E ⑤ Left Shoulder small #3 " " "
- 11589-F ⑥ " " #2 " " Papilloform
- 11589-G ⑦ " " #2 " " "
- 11589-H ⑧ " " " " " "
- 11589-I ⑨ Left neck #2 Pink/gray "
- 11589-J ⑩ Left neck #1 white Papilloform
- 11589-K ⑪ Right Shoulder (vent) #2 gray "
- 11589-L ⑫ " " " #2 small " patch
- 11589-M ⑬ left Hind leg #1 white Smooth
- 11589-N ⑭ " " #2 " "
- 11589-O ⑮ Right Hind #2 PATCH gray Smooth
- 11589-P ⑯ " " #2 BLACK "

Then both released back into KBay

KBay

S = lbs

11589-G⁽¹⁷⁾ left shoulder - skin normal

11588

11588-A⁽¹⁾ ~~left~~ neck #2 gray smooth

11588-B⁽²⁾ ~~right neck~~ #2 " "

11588-C⁽³⁾ LFL #2 " "

11588-D⁽⁴⁾ left shoulder #2 " "

11588-E⁽⁵⁾ left neck #2 white gray smooth

11588-F⁽⁶⁾ left jaw hinge #2 pink smooth

11588-G⁽⁷⁾ ~~left ventral neck~~ #2 white smooth

11588-H⁽⁸⁾ left hand #1 white smooth

11588-I⁽⁹⁾ left shoulder normal skin

Fedex 400-9561-9801
Tel. 800 247-4747

13-14⁹³ / JNACU KAU

7/16/93 Kewalo
for Vancouver
A. Reith

62393 Camabea Male
need SIZE =
Tumor
SCORE =

- 62393 - A ~~White~~ Gray, Smooth, #2 / R. Shoulder
- 62393 - B Gray, Smooth #3 / R. Eye
- 62393 - C Pink, Smooth #3 / L. Jawhinge
- 62393 - D Pink, Smooth #3 / R. Jawhinge
- 62393 - E Pink, ^{mild} Papilloform #3 / Neck
- 62393 - F ~~White~~ ^{white} Papilloform, #3 / LFF (trailing edge)
- 62393 - G Pink, Papilloform, #3 / LFL
- 62393 - H Pink, Smooth #3 / RFF ventral
- 62393 - I Gray, Smooth #3 / L Shoulder (ventral)
- 62393 J Normal Skin = L Shoulder

Albrecht Reith Tel. (604) 877-6010

Medeiros 553-5702

IN
DISTRIB
SHEET

Early
00

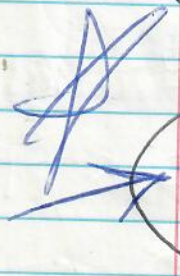
7/15
Sat

~~Need~~ ^(LINDA) Norm Nelson (661-4303)
 Camp PECUSA
 HONAPILANI Hwy.
 LANAINA, MAUI, HI 96761

Feed by RIMYA
 Samples from one pellet to Steve Upton
 7/14/93 KBay - Floating
 Need + P.50

IN DISTRIBUTION SHEET

TAGS Given TO Larry Katakira 7/14/93
 J76 - J100
 J126 - J150 applicator



see p35 obtained Hawaii 6/17/93
 Kawai Hawk died 7/13/93 at Kewalo.
 Returned there from Morris 7/12 pm.

early July LINDA Elliott 885-4476
 home

~~VIA CHAS~~

TAC "112"
 "Acting weak"

7/17 Jared - 5870066

Sat.

Amy Anderson
 Re: turtle caught in gillnet on Maui

Humane Soc. Maui
 877-3680 work
 242-9368 home

19-22 JULY 93 PALAU

Mo Kokai 4 pickup days

64 Turtles TMRS = 25 NO tag recaps
39.1 90

Need -
Pty Ed
*
JACKSON
LAB

47 (23 TMS) 50% SITE =
17 (2 TMS) 9% SITE =
NO TAG RECAPTURES

Need
TO
MARC
Rice
7/21/93

NEED

5 Turtles sampled on Mo Kokai
for Polydine imprints for
A. Reith. As follows =

① 7/19/93 J180A - E (Normal N.S.) Biopsies Score #3
SL = 50.8 100% form

② 7/20/93 J313-A - F (E=N.S.) Biopsies S = 2
SL 43.3 100% form

③ 7/20/93 J315-A - E (N.S.) Biopsies S = 2
S = 44.7 100% form

④ 7/20/93 J317-A - G (N.S.) Biopsies S = 4
SL = 52.6 NOT SAVED

⑤ 7/20/93 J327-A - D (N.S.) Biopsies S = 1
S = 58.3 100% form

⑥ + 7/16/collected Keuro 62393A - J (N.S.) Biopsies S =
93 100% form SL = 100% form
del 7/26

All Above Fedored to A. Reith 7/28/93
TRACK NO. = 400-9561-9812

TAGS

Need in DISTRIBUTION SHEET +p.49

TO MARC Rice 7/21/93

V641-642 test lock

V643-V650 (8)

V651-675 (25)

V676-V700 (25)

V801-V825 (25)

from Bill Puleloa's supply

NEED

TAGS LEFT FOR Bill Puleloa =

need for MARC 83

- Tape data sheets
- pencil
- caliper (call if don't have)
- Emory - Archaeology
- Scoop net?

^{No Honowai} Bennets - 669-6915

TAGS USED ~~K3-K25~~

26-30 JULY 93 MAUI

Honohowai 3 = Makera 1 = Hyatt 2 = Black Rock 6 captures

K4 skin bands to Bill Cooke 8/3/93

TIM CLARK
874-7125

7:00 PM

NAVIGATOR
541-850

MARK RECKTENWALD 541-2850
Assistant Attorney home 261-3256
P.O. Box 50183 96850
EXT. 126

New England Beach (407) 729 6239

Home (407) 365-3773
8232970 office

* Need - Materials & Methods page faxed
for SUNDBERG and 8/2/93

Need

Admwr Rep. Longline
H-92-11; 1991 Biological
opinion

EWC - Kathleen

Need Calendar; Proceedings for NAMES
ABSTRACT FROM EACT

Call Larry

1. Vet Pathologist - involved in Shrimp trawl
fisheries w/ stressed turtles
Miami
Panama City

Call Karen

2. Turtle (Breeder-coordinator) Karen Bjornh

Tel of all of Captive in Ag. Vennu MTN

3. Roger Hill = Techn. ^{log of} Transmitters

[Captive - Mediterranean ^(Italy) [Aguilar]

5. Galveston Lab - Captive turtles

6. Trawl stressed

7. Scripts - physiologist [Fred White]

Bob Elliott
- Bob
- Bobby

8. Japanese turtle person. UCHIDA?
George Collins [PHIL Williams]

object

X

7/23/93 FRIDAY PLANNING MEETING 53
RAGEN, WAG, JAW, POOLEY, MC, EN

Have a full load - now more. Team?

Objective
TITLE

Injury - 3 weeks use or lose.
→ Mortality of Incidentally caught & released turtles
Estimating Mortality (Survival status)
hooking and entanglement in longline
fishing gear. (hooking & entanglement
mortality)

- Scope of workshop (relative to Bio. Op. Needs IDed)
- Specific objectives of workshop
- Structure & mechanics of workshop
"draft prospectus"

- F/PR due 1/1/94.

- 9/13/93 Council meeting presentation

Elements of Workshop

Review existing knowledge on the subject = everything known as in Bio. Op.

X 1) Assess KNOWN MORTALITY (Dead ones) ^{size}
CAUSES - hooked ① TYPE OF HOOK ② BAIT
ENTANGLED - ③ Gear set style ④ LOCATION
DEPTH etc

↓
Suffocation - can't reach surface

Lodging/INJURY from hook

ENTANGLED CONSTRUCTION

[ALL
BY SPECIES & SIZE CLASS

X 2) ASSESS Remote Monitoring subheading
MORTALITY UNITS of #2 -
see p. 54

- 2.) Determine fate of and impact to hooked ~~live~~ turtles found
 a) live and released (by species & size)

BEST Method of release - remove hook, cut line, etc.

A.) Captive turtle studies
 Raised in captivity or captured (misfit turtles)
 Entire to swallow hook.

B.) Return hooked turtles for studies
 (Surgical ^{INVASIVE} studies, etc.); X Ray;
 location of hook; Survival or
 time to death; If survival effect
 on growth, reproduction (fitness).

see p. 59 → C.) Release live-hooked for remote sensing

4 B.) (Expanded) Enhanced observer program to
 more accurately determine species,
 sizes, numbers, manner of hooking
 and entangling.

X 4.) Summarize basic known gut
 physiology of sea turtles
 and other species

5.) Sample size/availability and
 statistical needs for
 A) dead brought back, B) alive in captivity
 from hooked alive, or already in
 captivity

Worksh
 on Mar

Overall
 lead t
 medica
 in fis

Some S

1) To
 ingest
 determ

2) To
 turtles
 without

3) To
 impact
 of bei

4) To
 design
 impact

6.) Take of incidentally taken
(hooked) turtles -
A) Look at shark stomachs
B) Put dead turtles back on hooks

7.) Hooking in recreational fisheries

8.) other

- STOCK IDENTIFICATION -

For the above - write-ups, 1-2 pages each of "High Priority research activities"

- Short Report;

Workshop on the Physiological Impacts of Hook-and-Line Fisheries on Marine Turtles

Overall Goal: To develop a coordinated research plan that will lead to an understanding of mortality, morbidity, and other medical aspects of marine turtles being hooked and/or entangled in fisheries employing hook-and-line gear.

Some Specific Objectives:

- 1) To develop a research protocol to better understand the ingestion mechanisms of turtles, by species, in order to determine placement and fate of swallowed hooks.
- 2) To develop a research protocol to measure the fate of live turtles captured by hook and subsequently released, both with and without the hook remaining inside of or externally in the turtle.
- 3) To develop a research protocol to determine physiological impacts to internal organs resulting from drag and stress forces of being caught and brought to the surface by hook-and-line.
- 4) To develop a research protocol for evaluating different hook designs and fishing methodologies that would be less liable to impact turtles.

Turtle Hooking Mortality Workshop

Prospective Budget

Personnel	
Secretarial, 1 mo.	\$2.4
Travel	
Domestic (8@1.2k)	\$9.6
International (2@2.8k)	\$5.6
Contracts	
East-West Center (facility, logistics)	\$1.4
Printing	\$1.0

Workshop Total Budget	\$20.0

7/30
Telecom

MAG

Kathline ^{Clark} - 944 - 7282 EW Center
 Queen Kapiolani #51 night
 Kaim Room #125 day
 Nov 7th or ward is free.

Telecom

8/2

need TAXI We have to do travel - airlines - c-mail ~~gas~~ ^{gas}

Monday 7/15 #/16 #/17 #/18 #/19
 TUES Wed Thurs Friday

Karen Bjornal -

Dennis' house = 21° 37' 04" N
 158° 05' 32" W

21° 37' 19" N
 158° 05' (48" W) = Oahu Datum =
 (47")

←

8/2

GH
40M

7/30/93 - Peter Nautilus
Telecom Dead Turtle Hilo Bay TUMORS -
DIVE SHOP

to X-ray MS
to internet
weather

57

Need

GPS

Setup
clean
cut Long
cut
ENTER
Long

Magellan

Act.

(2D)

AVX.5 (Sky search)

~~Telecom~~ John Sundberg Home - (207) 244-9601

8/2 ~~sent~~ Blaise Domino 922-0091
referred by ANN Fielding
MAY of Hawaii

Box 88460
Honolulu HI 96830-8468

8/2/93 see 8:35 637-3434 Peltigrew,
HIMALAYAS - in front Dennis's
Just to left of Lanika house
Reported seeing 20+
turtles under
ledges - was
w/ tumors.

GHB & D.P.
40 min 40'

8/4/93 9:30 AM
dive with Dennis

7/30/93 - Peter Nautilus
Telecom Dead Turtle Hilo Bay TUMORS -
DIVE SHOP

to X-ray MS
to contact
weather
Need 57

Macellan

GPS Setup
clear
cat Long
cat
ENTER
Long
Act. (2D)

AVX.5 (Sky search)

Telecom John Sundberg Home - (207) 244-9601

8/2 ~~spot~~ Blaise Domino 922-0091
needed (referred by ANN Fielding
MAY of Hawaii)
Box 88460
Honolulu HI 96830-8468

8/2/93 see 8:35 637-3434 Pettigrew
HIMAYAS - in front Dennis'
Just to left of Lanika house
Just to left of Lanika turtles
8/4/93 9:30 AM dive with Dennis w/tumors.
Reported seeing 20+ under ledge - wave w/tumors.

GHB & D.P. 40 min 40'

8/2/93 Pick Spencer (P.O. Box 301
Kahuku, HI 96731) 293-1230

~~Sent~~
~~Noting~~

Hawaiian Marine Enterprise
"Ogo"
Saturday night Trochys/eggs
near old industry
no one there Wednesday

7/30/93 293-1354 Judge Karpim - Kawaia Bay
Shark bitten turtle picked up
SSG - Ray Boland. Held over the weekend
at Morris. EV with captive bolt 8/2/93

~~7/29/93 Fecal Honokohau sample sent to Upton
"Turtle House" collected floating 8/3/93~~

all
previously
sent for
analysis

~~Greg Mitchum (803) 762-1200 x50
Charleston NMFS~~

Wat.
Geo.

~~Rebecca Lesage (202) 857-7728
Book H30 sent FAX 202 429-5727~~

8/3 U.S. Attorney - Mark - need
2pm call - Jan pub. list; poster; supply given
photo; Q&A materials

"effectively dead"

Benn
8/4
8/4
2pm
Tom
Thro
co
8/6
Frid
need
send
Saba
8/
SATU
Kyo
Ryo