

3 of 3

NOV 90 - JULY 91

Mead
COMPOSITION
G.H. BALAZS
808-395-6409

100 sheets • (200 pages)
9¾ x 7½ in / 24.7 x 19.0 cm
wide ruled • 09910

LIBRARY OF
GEORGE H. BALAZS

© 1987 — The Mead Corporation, Dayton, Ohio 45468 U.S.A.

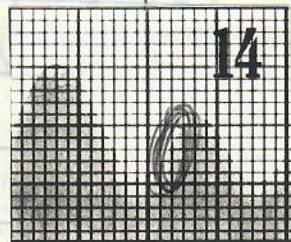
1990-1991



FEB 14, 91 Thursday

Tom Roffe
Marine Mammal

Checkout of Hilo Seaside 12:30 pm and drove to Kaimu (2 photos) - coastline highway has been totally covered over; perpendicular road coming down hill ends in lava barcade. Remains of charred coconut trees seen on lava. Drove back to Opikaoa cut off, down to Congregational church, and along road toward Kaimu. Near church, I saw 2 mid-size turtles close to shore, just outside crashing waves. Drove further to cliff areas with newer sand beach below (a few years old). Note swimming going on here. Saw one medium size turtle in area away from people. Returned to depart on Hawaiian 221 at 3:35 pm



2/13 Maui-Brooks - memo in file
Dead Turtle w/ TMR - on Maui
Disposed

Maui
Hawaiian
Ave
Coryal

877-5585 #50

15 FEB 91 MAUI
FRIDAY STRAND

Brooks

2/15/91 Friday

244-2072

200lbs

PAUKUKALO Point "turtle"
750lb w/ tumor
Front flippers bitten off
Beached - "wouldn't go back in water."

Lots of people around: Brought to base yard
for shipping to Honolulu. 200lbs

SITERATION
Rm → 1235

Adult female - Robust Plastron
Left front flipper fresh amputated
+ a hind flipper fresh amputated.
TURS. Piece of gillnet

on TUR on hind flipper.

- Need Graft piece of tumor ONTO SAME TURTLE
- Need - TOPICAL ANAESTHETIC; SUTURE & Thread; ^{Scalpel}
- Need - Simple CUT; Monofilament Tie.

Dead at Keolu: 2/22

necropsy 2/27/91:

Left humerus w/ shark scratches
Saved - bottled clean

(123)

sent / EPA-540/9-88-001 3/89

Recognition and Management of Pesticide
Poisoning 4th ed.

David Morgan - Iowa Pesticide
Assess. Project UNIV. Iowa College of Medicine
IOWA City IOWA 52242

sent / "The Pesticide Label" 10/90
request = Agricultural Biochemistry
1800 E-W Rd., Henke 329
Honolulu 96822

WEDNESDAY

13 FEB 91

Russ counted 10 fresh & 1 older
feces along Kualoa.
10 shipped to Steve Upton for
Coccidians.

(88)

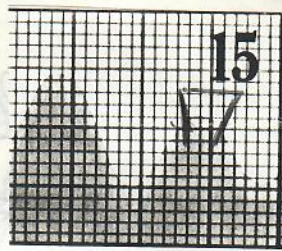
Rm 1235 ^{and} Sheraton Waikiki

15 FEB 91

FRIDAY

Russ^{MIA} & Christina arrived

~3:15pm Spotting



430	1.9	1654	1.2
1111	0.0	2233	0.1

From Rm 1235, an end unit Suite - Excellent for this purpose. Used VHF radios for comm. GHB, Michel Fin and KB on the beach. Spotted one small juvenile "Royal" side of seawall in close to wall in Milky water. 2 others Sheraton side. Lots of UVA, and Sargassum, and H. musciformis in the water. 2-100'x5' nets. Tried 2 net sets, one at a time, on each side of seawall. Seined, using radio relay, but each time turtles swam with intent under or around the end of the nets. Impression that all the turtles had left by sunset.

Lots of "plastics" in the water. (Including lost my drivers license and \$10 bill!)

Depart ~ 6:30am after sunset (125)

Need - Net 75' deep for seining. Then bring deeper. Set one 5'x100' net first as barrier. Then bring deeper. net for seining. Photos of operation.

MON 2/18 TUES 2/19 WED 2/20 GNB SICK

Sunday

2/19 Bromwell & Finn TO
picked up KANAKA TURTLE

(2/17)

Small humpback whale dead on North Shore.

Call from DOENES Re: anonymous fisherman reporting "sick" turtle on the beach at Reef Runway every nite after 9am.

(2/24)

SUN, called again "BRIAN" fishing supply 599-5889 TUES 9am-6pm

2/21
2/22
THURS

PUNAIW - Sacred falls picked up By KB
NAME =

2/22 Telecon Scott Eckert
Re "Recovery Team"

NOTES:
1 Chief Scientist
2 Turtle doctor
Purse Seiner

2/22
Friday

Richard Sullivan 293-
Kavela Bay 1170

Wrapped in gillnet in rocks
Karl sent to get it TO A2

(132)

non on TV 2
6 & 10 HAWAII LOA - 235-3641

FAX - 247-8166

Mon TV 2
2/25-2/26

Richard Parr 293-8098

54-005 ^{Kauai} Hwy Haaula

Very large turtle w/ carapace cutoff

+ Jo Anne Gomes
53018-C MAKAO Rd.
Haaula, HI 96717
Tel. 293-8078

Need

Net

1236 S. King
96814

526-4283

Told about turtle
w/ small tumors
taking live
in mouth.

est 50-
85cm

9 net

10 x 200	1
5 x 100	2
8 x 100	2
5 x 50	2
8 x 50	2
	<hr/>
	9

2/27 Spared at Sandy Beach - TV 2

etc. HPD officer Rogelio Mata

1455 S. Beretania St.

Honolulu 96814

Tel 943-3037

released
2/28
KBAY

1935-255 - 255
254-5193

Ant

Mrs. Don MAXey hal. Hwy
5229 9821

2/28/91 ANNA HAINA 373-3720
TV2 526-4283

Picked up by Thea / HPD
TMs on eyes - weak/enuciated

EU TO A-2
Grey

M.
W.
Perry

622 KAIMALINO
254-5193
beach access

3/1/91 WAIKIKI Sheraton netting -
Friday Caught 1 "E" - Saw 50%

(18)

Kitto Lo

#12

4-6 MARCH 91

TROPICAL 957-0800

Conf. 237 9953

#29.95

HAWAIIAN = 537-5100

Kona

4 - 7 MARCH 91

Mon. 4 MARCH FL 148 10:25 AM

Wed. 6 MARCH FL 207 3:30 PM

need
leatherback
sent

HIROMI TANGE

988-7730

2717 PAMOA Rd

988-5236 Downs

Honolulu 96822

Kitto Lo #12

49 turtles
(37 Recap)

4-6 MARCH 91 (12 New)

3/7/91

sent

Botas of 4/9 NONE RETURNED

Steve's Diving -

Patty Cunningham 9478900

2 dive sites for beginners off Hanalei Kai

Recent sighting of a ^{MONKEY} seal

Tumor & non tumor turtles seen

235-4591

2/7 need
tumor report

RODNEY YAMADA

x38

45 386

CASTLE HIGH SCHOOL
Kaneohe Bay Drive

short report
sent

Kaneohe

96744

(129)

Heacock
3/7 Small dead turtle w/ small TMS
dead very rotten entangled in 1mm dia
crab trap line. Memo in file

3/14/91 Thurs. VIDEO Received - CAED
No Sighting Received AS AS 4/9/91

THE DIVE SHOP Richard MARQUES 879-5172
2411 S. Kihikihi Rd
96753

Sent // Captain of a dive boat. WAILEA
Recently saw a turtle with tumors
in an area where other turtles occur.
Video. This is the first such
turtle he's seen -

3/14 5-10lbs 18" shell dead on the beach
Thurs.

need

Brent Lowe 259-8294
41-927 Kalamianole Hwy
Waimanalo

Picked up by Bill Azfreges

3/14 Dead Turtle - Kawela Bay
EISNER - picked up by Karl
TO AZ

3/15 FRIDAY } I necropsied 3 turtles,
all recently from Kawela Bay

Telecon Bob Brownell
FTS 202 647-8232

2/22 - Richard Sullivan
3/13 - EISNER
3/14 - EISNER

3/13 Dead turtle collected at Kawela Bay
FD done by Karl Carroll F85

3/13 Dead - Kawela Bay - Harriett Eisner
of AZ

3/13 Kawela Bay - Mark Karl
S. J. P. G. J. 293-8843

5 MARCH 91
W. A. K. N. #4

sent 8/31/16
2/2

KIRK SEMPLER

Associated Press
9100 NW 36th St
Suite 104
Miami FL 33178
(305) 594-5825
(305) 538-4627 home

3/7 Ran Bachman ^{Telecon} re: Sherman Estate
w/ 7 turtles, some w/ tumors,
trying to get over rocks to fresh water

ADOPTION
3 day ^{coverage} minimone STATE LEGISLATURE
1822 Senate
787 House Bill

SUNIO'S FRIENDS

Brent Lowe 259-8294

46-927 Kalamianole Hwy

Waimanalo

linked up by Bill

(181)

"Nehu" at Kewalo?

GWB, BRILL, GHB TURTLE TRACKING MEETING

3/8/91
FRIDAY

Tumor workshop to
Need - Sea Grant Directors

Prosecutor
Lynn Jenkins "64 Bishop, 11th floor 96813
261-1313 home

3/11/91

office 527-6419

COURT APPEARANCE RE: spear at Sandy Beach

Re:

Robin Ritchie

spear given to Bob MATU

Project
Mug off from Sugar cane
"Puhana"

10-2 PUPAKE PLACE
LAHAINA, HI 96761

NO CARD RETURNED
AS OF 4/19/91

sighting
cards,
etc.

3/13 Dead turtle rotten - Heeia h Bay TUES
TO dump by Karl

3/13 Dead - Kawela Bay - Harriett Eisner
A2

3/13 Kawela Bay - Monk seal
Sandy & Joe
293-8843

FRIDAY 15 MARCH 91 Steve Ball

WAIKIKI NETTING #4 "FR & G" NEW (133)

Steve - 235-6080
HAWAII LOA

Rick - Conservation Hotline

3/16 - Sgt. Souza 293-8565

SAT

Monk Seal gave birth at
57531 Kam Hwy

Mrs. McMahon 293-2554

3/17 - Mitch Craig sent out to site

3/18/91 KAWELA Bay NETTING
3:30 - 7:30pm 200 off
Don Ho's PROPERTY

**NEW
GATE
956**

3/18 Kahala - 2 calls about fresh
dead turtle - turtle

Storm rain
washed it
away

7529
POUMANOE
House

LOIS ABLE - 395-7615
Sykes & Sykes - 396-8891

Jack Davidson
GWB Jane Ball
LOUISIANA Tumors??
TEXAS Tumors??

19 MARCH 91
TUES.

- Linkage - what expertise at each Sea Grant UNW,

"National initiative by Sea Grant Network"

NMFS & NOAA sponsored projects; CRITICAL Problem w/Threatened Species

"Mitchell Bill"

Regional Marine Research Boards

Report on clams - Dailey

Brouer's office - Forman send report

Extra-Reports for Jane sent

3/20/91

Daniel HARTMAN

734 La Mirada

Leucadia, CA 92024

(619) 942-2299

Jap. Squid drift-net
observer

sent

PUAKO #4 21 MARCH 91

① 60 min
40'

8 caught (1 was a recap from 1/16/91 PUAKO)

② 60 min
40'

22 MARCH 91 DIVE MAKAI

① 50' 55 min

"Turtle TOWERS" "Grooming" cleaning place.

How specific is site where cleaning occurs.

sent Tom Morrell - Box 3730
Wildlife Biologist
Am Samoa 96799

sent

Tony SALVAGGIO
PO Box 1672
Hilo HI 96721 935-1210

for Turtle cards / Fibropapilloma

4/25/91

Miriam Pillos
3251 Cardiff Ave #9
LA, CA 90034
213-825-8766

photo of
gapped
Turtle

Telecom 3/26 TMR report

sent
TMR
Report

Bruce JAILDAIAN
PO. Box 2157
New Smyrna Beach
FL 32170

Ruth Levin
967-7383

3/26 ^{Telex} Robert Faust
Faust Bio-Aq Services
P.O. Box 400
Honouua, HI 96726

Sierra Club
Golf Course oversight
Committee

Tel 328-2080

TEKNA
7992 MIRAMAR
SAN Diego 92126
ATTENTION Customer service:
"TIP" 3/30/91 sent
Chak Hanfed #
PINK SLIP # 38.50

~~need~~
JAW: - Bowens Papers ✓
- TAG retention Hep. Review ✓ ← send to McDermud & Rolland
- TRADE Rec. Plan ✓
⊗ - questions on ecology of whales for McDermud

WAIKIKI

3/28/91 Grace's Ledge - 845 KB & RM
Snorkel - 1 caught "H" engraved.

3/29 GRACE'S Ledge
2 caught "I" "J"

need to call

Gordon Clewden
734-0603
2134 St. Louis Dr.
Honolulu, HI 96816

Till Sept.
McDonald
Jutton

P.O. Box 1697
Frederikstead
St Croix VI 00841-1697

(809) 772-0274

DANIEL HARTMAN (619) 942-2299
734 LA MIRADA
LEUCADIA, CA 92024

3/30/91 Telecon
SAT.

X
Acut // Send + URASHIMA TAE0
+ Carr pelagic loggheads

1 APRIL 91

6 CAPTURES

(KB Greg BALESS)

KBAY

1 w/turnovers (reap)

+ Bob Morris observes.

2 other recaps

∴ 3 recaps

Blow-Hole Cockroach Gulch - saw 1 large Seedi close.

4/1 sent ED HollenBACK 395-4005

Mon. 120 HANAPEPE ~~place~~ Portlock

est. SL 65cm - BLOAT TO THE MAXIMUM!

need on rocky shoreline along base of cliffs in front of her house. No tags, no breaks in skin or shell. ^{cause} Death unknown.

WASHED OUT TO SEA THAT NIGHT"

Shannon - (206) 386-4360
F.T.S 392-4212

4/2/91 LINDA JONES NWFC = ~~FIS~~ (206) 526-4021

Rich Ferrero (206)
Telecon FAX 526-6615 sent

aterril
GOSH
-4023

HAWAIIAN Moving Co

RANDY Brant - MWP - 841-8300

KGM B - 7944-5200

Bob Cummins 261-5502

4/5 sent

VIA BJ - ~~Dr. Bruce Mackay~~

+GWB sequant sent

Dr. JOHN BICKMAN
Dept. Wild & Fisheries
TEXAS A & M
College Station 77843 (139)

FLORIDA KEYS
14 JUNE 91 FRIDAY / NECROPSY AND
PARASITE SCREENING
WORKSHOP

LONG KEY MARINE LAB

[~40 Attendees]

- Lew
- SAVE-A-TURTLE (small grants)
- Richi Moriotti / TINA BROWN
SUNDBERG

Mouse Genetics as a model for human disease

Head of ^{Simpson} Biology Dept.

TAIL REGENATION IN LIZARDS

- Molecular aspects of VIRUS [Scherba]
- = ACHIEVABLE IF PEOPLE ARE INTERESTED =
- Extremely difficult disease to UNRAVEL -

LESION / PAPILLOMA = epidermal component

FIBRO = DERMAL component

BENIGN = REMAINS LOCAL / CANCER = MALIGNANT

" " MULTICENTRIC " - MANY CAN GO TO ANOTHER ORGAN AND OTHER STRUCTURES.

LUCKE-1938
Schlumberger & Lucke 1948

KOCH'S POSTULATE - ISOLATE AGENT, TITRATE
CHALLENGE NAIVE ANIMAL AND PRODUCE
THE DISEASE.

IN VITRO = cell cultures.

LARRY HERBS - PhD candidate - WILL WORK ON IMMUNE SYSTEM OF GREEN TURTLE

Schistosomiasis IN HUMANS.
IMMUNE RESPONSE TO SPIROCHETID EGGS

" Synergism " with pollutants

1979-80: Adult GT at CTF.

SEND = - Being letter to Jacobson, Ewert
- KBB - SAVE PICTURE INTERNAL TIME,
6/14/90 TURTLE KRANKS RESTAURANT

① Slide (EJ) - Chin TMR - Color slide.

② " " " Serrated jaw edge - upside down

③ TYPE OF GAS ANAESTHESIA? =
GOOD → (ISO FLURAN) or (Halothane) older one

Better -
TAKES
15 MINS

None of INJECTABLE ARE ADEQUATE for eyes.

"ENDOTRACHEAL TUBE"

Laser surgery / Laser probe

"GRANULATE IN" GRANULATION
ANTIBIOTICS cover lesion / US none
Doesn't appear to be much difference

Through winter - turtles TMRs INACTIVE -
WATER WARMS UP - TMRs TAKE OFF.

- "ARBORIZING" effect of TMR - branching

Results?

ALL TMRs from one turtle I sent to EJ?

L.E.T. (Lung Erythrocyte) disease at CTF.

Green Lizard - Herpes VIRUS → transmitted by biting.

Herpes = DNA VIRUS, gets into genome.

only expresses when animal is STRESSED

NEED - Heat attenuated cell-free extract.

GRENER Digenetic trematodes - Helminths

80 species worldwide in greens

SPIROCOTIDS (family)

all live in turtles - intermediate host

ASEXUAL reproduction.

"This is something different" - FibropAP (141)

need - [unclear] wed
3 APR Schuty

2169 Kalia R
96815

sent // Robert "Wahiki Beach Service" B. Morris
Ivan Reef Hotel EU w/ "Cash" special X-RAYS
Duque 4/4/91

3' & Paradise (outside)
Moderate amount slimy algae on Casapace & P/As
924-4941 Beach Desk

SI=50.4 CIVE - considerable
paralysis
20cm slash through bone across
precentral and the 1st & 2nd central.
appears deep - likely into spine.
5cm across dorsal distal RFF.
Estimate that wounds are at least
24 hours old. No external bleeding.

Turtle taken to Bob Morris - X-RAYS.
X-rays didn't show spine was severed

4/4 - fun EU by "Cash".
thurs Put in freezer.
Probably hit 2 weeks ago.
Necropsy w/ Bob Morris
Muscle slash "much" and
NOT from vertebrae

Need FIRST LAST CRYO-TUES. 4/3 Wed - Cryo - Morris
ON Lagoon turtle / Also
(Jim/Karen) TMR/4/25

- FFS K. McDermord
- Lysol spray
 - goggles
 - TAGS
 - Grog (date)
 - Bob / Grog get together
 - FOOT WARE
 - GLOVES

Waikiki 3 Sheraton
3/1 "E" DAN Newhart =
entangle in fishing line.
3/15/91 "F" "G"

"A" - J (10)
A = Gillnet death
2 Boat propellers
1 - speared (Leahi)

"B" Gillnet w of
Kapaolu
see wall

Friday 9/5 Patrick Christie possible
Masters student
(206) 232-1939

gent Cannery Creek Hatchery
P.O. Box 670
Whittier, AKA 99693

Telecon 4/9

→ Michael OKANO 6 students -
Kam School. visit office

Givento
GWB

Harry Tikami
1386 MONA LOOP
KAWAIAHI (HILO), HI 96720
Tel - 959-3604

(143)

sent

P.O. Box 791
Kahuku 96731

4/2 JERI Cabrerros 293-5480

TUES. near KAHUKU Golf course - Beach

Dog brought her a turtleshell 18" (45cm)
Parts of it looked "burned."

Telecons 4/6/91 and 4/21/91

4/3/91 ONEULA Beach Park
wed (Barbers Point) EWA Beach office

TODD R. Wenke 689-8411 home
91-483 Pupu St. 689-5367

Ewa Beach, HI 96706

15-20' deep, 300-400 yards off shore
at "Shark Country".

Cuts left calf and both sides ^{5" on} _{SIDE} of left foot. Cast/tendon surgery.

Saw a turtle just before bite.

Size shark = NOT ABLE TO ESTIMATE ^{6' 10"} 15" TO 18" WIDE

Time = 5:30 pm

Sitting on board = yes ^{Saw 18"} _{of head}

8-10"

HAIR

Shark
Au Fur
FAT

(84)

4/5 Sheraton
WAIKIKI
nothing

NATI. Geog - TIME article
Sundberg - T-shirt
Padded envelope

4/7 Call from "Gerrid" DOUGLAS HOTLINE
Sunday RE: "10516" turtle dead on
the beach at Lanikai.
officer will drop off at HL 4/8 am.
Picked up by Dave Smith-Forestry DW.
548-8850; Dropped off at
lab 4/8/91 - TO A2 freezer.

sent/MS. JAMA Williams
Applied Resour Group
Box 19000A
96819

4/7 - Call from Mike Coelho on
Sun Lanai - Found a live
turtle on the beach - spear hole
in flipper. Swims in circles.
Will ship on 6:45 am flight
4/8 HAWAIIAN AIR. 565-6688

sent

KA CAE
CANAI CITY - Z.P. = 96763
Died Kewalo 4/18
TO A-2 Freezer

1-882-7666

3/3/91
Rickey

Dr. CRAIG THOMAS - SUSAN SCOTT'S HUSBAND
261-3326

CALIF. TRIP

10 - 17 APRIL 91

4 turtles - ^{IT'S A} SMALL WORLD 2 turtles - Submarine Ride

Earl Bakken = 326-4611

ALAN TOM

~~Alan~~
TMR
Report

US EPA
Office Man & E Protect
WH 556-F
401 "M" Street SW
Wash. D.C. 20460

Tel 202-245-3904

Size check =
Time = 1:30 pm
Sitting on bench = yes

(24)

Print - Kirby Graft photos | GWSB - need - Bowen/Meylan DNA Report

- Copy of ~~check~~ schedule

- ~~Decision!~~ Seewah

- Iz - Kept turtle small

RSS - No EPAfic

- Protocol for finding/Breach of that!

Need

Telecom

4/19/91 John Wilson
Friday P.O. Box 1043
Haleiwa, HI 96712

Sent 638-8031 Atla

638-5669 resident FAX

522-5801 Atlantis Reef Diver

Video
Sees turtles daily
at ATLANTIS
off dive site
some with
Rubbing Rock.

→ 10 photos ^{returned} to Mike Seki 4/19 DIVE NET

23-24 PUNAW #15
APRIL 91 20 captures

Rick Schulze

1-882-7666

5/3/91
Friday

(147)

TEIN CON - \$34.00

W/O WBC

FRIDAY
4/19 Telecan Alan Bolten

BASIC Chem Profile
#7.50 25 ELEMENTS
including IRON
& TRIGLYCERIDES

FLAME photometry
OLYMPUS
AU
5061

WILMA
5/14/19
DR. KANEISH

* NEED TO CALL - SMITH BIOSCIENCE LAB TAMPA
1-800-282-6613
(813) 972-7100

Beck Dickinson 1-800-631-0174
#20 1 1/2" NO. 5746 Needle
Tube no. 6482 7ml Vacuum container
w/ Lithium Heparin
+ Holder and Needle screw.

Health Care
Baxter Scientific
Send Access
CURTIVE MATHEWSON
AIEA

Fisher Scientific -

IMMEDIATELY ON ICE, THEN
SPIN ASAP FOR SERUM.

Hematocrit - greens - 35-45%

Store in liquid nitrogen
or ultra freezer. SHIP TO CAB
ON DRY ICE. Driven there
By lab pick-up service.

Repeatability is critical factor.

i.e. submit 10

Bolten ✓
Tele
JACOBS ON ✓
Tele

LOAN - LAPROSCOPE DEMO

SMITH KLINE Bechems Clinic
4400 KALANIANAKOLE HWY
806-738-9855

note
CVD
CAcks
IRON
TRIGlycerides

Surplus
Fiberoptic
Endoscope

Sent
TO
Andrew
Smith
~~need~~

D907-D999
C901-C999
E801-E900

entered in
MASTER file

~~BRUCE~~

3 CAPTURES
3 "L" "M" & "N"

26 APRIL WAIKIKI
Friday 91

TOM FARE
PHOTOS

1 capture

2 captures

100x
5

*
STERATION

need: Reserve room & sit a look - me

5/14/91 - Looked at Kailua beach

Fecal pellets collected by Cynthia V,
and husband Clay Cole - 263-6396.
Sweet like petroleum. Need ID by Dennis.

6/91 - Assigned Russ Mija to
"process" 3 of these pellets
to send to Dennis.
sent to Dennis
Kailua A, B & C
7/91

Speculum obtained

need SMALLER
SIZES

9/10am Kim, Randy, Scott, Bill & GHB

4/22/91

Radio tracking meeting

Monday

- ① Cover for HMB
→ depth & duration of dive (rather than daily range of movement).
- ② Cover dive depth & duration variation
48 hours - several short, sharp continuous tracks. These direct all effort towards ^{transmitter} recovery.
- ③ + size frequency of turtles (Group)
Need - Ogden article
- Stendera article

Tues. morning catch effort.
Thursday finish.

Last 2 wks of Aug. - Bill & Holland gone.
1st wk of Sept - Scott gone.

Authorship -

2 turtles from Tarley -
4/22/91 Hilo Shipped to
A-2
Frozen

4/23-4/24/91 Puuvalu #15

JANE THORP

20 captures
(4 of which
were new)

61-305 Kam Hwy. (W) 973-8551

Haleiwa (H) (637-4224)

96112 ~~TURTLE~~ EGGS - ?

4/28 Telecon

Sunday - 4/21/91

SAW
6 eggs
for certain

15' above high tide

2 together
- behind cement barrier

Police beach (middle)

3 open
cracked -
"No fishing"

1/4 - 1/2 mile Haleiwa side

- just after beach park
before papilua last house

10' more
to vegetation
behind a
cement
bulldozer.

3 cracked open

2 more exposed

more oval eggs
round @ edge
larger than chicken eggs?

(151)

Telecon w/ GMB late, reveal
*Chicken eggs from someone's picture!

Telecom CINDY HUNTER = 236-7418

4/26

~~Toxicology~~

EPA

GEORGE GARDNER
Rhode Island (401) 782 3036

1-4 MAY 91

KBAy environmental workshop

Hunter
Sediments toxic to anything

26 APRIL 1991 WAIAHI (3 Captured)

4/27/91 office (217) Francis Petelo
SATURDAY Dead Kaha'ulu need Report

Turtle washed ashore - 3' long
under 100 lbs. Shell partly missing
possibly bitten by shark.
Tumors present. "tagged for disposal"

Not seen or
obtained
by us

29 APRIL 91 KBAy
Monday Mack Reef 3 (2 TMR)

Cryosurgery
By BOB Morris

AOL → 5
8 total
no recaptures

4/1

Car
Yan

5/3

4/2

TMR
Sed

Bob G

Original
Tagging
data

(10)

4/29

need - latest issue of SKINDIVER (April)
- Purchase Cryosurgery?

LISA - Home 329-5838

FAX 7627 (Richard)

Turtles

Carl Yamamoto

MARCO 637-6417

48" x 30

223-2184

TMR & MOUTH EARS

#8171

→ Greg West - 247-6204
Another turtle?

GOLF BALL SIZE

5/3 GHB 68cm Tumors
Small shell cut but not taken

MR. PARK Fishermen

EAST NIGHT'S PAPER

4/29 PAIKO LAGOON

"Bob" Anonymous caller
LARGE-MESH

TMR score = 3

Turtle caught in net, cut loose.
Large tumors on head. NO Both eyes

Bob GRATHAM ALSO CALLED 395-9360

near Turtle turned over

original Tagging data

Entry NO 353
8171 & 8163
6/84 EAST SL
6/87 EAST MM
6/90 EAST SL

Tumors

Sent

Peggy Paty 61-445 Ham Hwy
P.O. Box 337
Haleiwa, HI 96712

MARCO → "sign" whale on red fence
- across the river bed
toward Sunset Beach -
almost to vegetation. Seen hind flippers, digging
But no eggs seen.

4/30/91

Turtle Tower "Turtle International Airport"

LISA Chlogette - WRASSES ~ Dozen turtle
DWE MAKAI - Baby parrotfish peeking
at coralline algae

4/30/91

Past Tammy/Mark

Dead Mokuia Beach Park - at
Turtle Owens Retreat

1/4 mile past - before SAME AS
Army Beach. SUSAN

7 flyers - RFF
Bitten off back side
~ 18" estimate

1/15/91
WED.

A-2 NECROPSIES - a 5 of them
Bob Morris observer.

Tel. 262-9621

5/2/91 Roy Murakami 47-118

~~weed~~

Mauia Ranch
TMR - floating offshore

A-2
picked up by haul

Need = ADVERTISEMENT ✓
FOR TURTLE TRACKING

JUNE 10?
Monica

need \$12-191 Sue Doyle
Picked up to A2 Sandy Beach
By KARL TO A2 Fishing line wrapped

Susan Small

need
5/3/91
FRIDAY

637-7694
Small dead turtle - *Nobilia*
TO BE PICKED UP BY Casey JARMAN → TO Dump
community
Puako Assoc

sent Rick Schulze
882-7666

P. O. Box 795
KANUELA, HI 96743

Box 19000A VISITED & EXAMINED

5/3 Bishop Museum - Eric, Roger, Sheila
FRIDAY 96817- KAHILIA'S ANTHROPOLOGIST
0916 G. ROSE

Coni Telecon Jeff

5/3 Covington (205) 476-7732 home
Need to call again work (205) 479-0394

5/10 TAMM
Telecon BP Museum

Duckworth-williams
848-4119

Seattle - Driftnet observer
Training 6 - 8 May 91
LECTURE MON. WED

UNW. Motel: #44 JONATHAN SHANNAHOFF observer for
LAST year

CARGE
MESH

3 Small IDed "hawkbills" changed to Loggerheads
After I saw his photos.
Left for Taiwan 5/8.

5/9/91 STRAND

Anonymous - no name given

Kahalaun
Kahalaun St. ^{JOHN} by the Sea Beach
Caenani Drive Park

14" long - TMRP

Karl/Russ picked up taken to A2

Karl's Cellular
Phone
927-3530

G. LOsey - Zoo, 956-4702
Losey HIMB = 236-7429
Kum Hollan HIMB = 236-7410
Home =
Medeiros - 553-5702

FAT
236-7443
HIMB
HIMB - 236-7401
John Wilson = 638-8031

HIMB FISCAL 236-7405
BOATS

5/9 THURSDAY GWB - TASK Leaders Program Review
FY91 Progress & problems

"CYOP Form 4" be sure all these are listed
+ "other things" the task does or ~~is~~ adds on
with an asterisk. (To make up for problems
and things on Form 4 that didn't get done.)

Delete area (column) for flow charts when
you don't have a flow chart

Fy92 - "Give it some good thought"
See our plan. "See Turtle Spending plan"

Revised version due May 21 IDENTIFIABLE DELIVERABLES

- 1. FY91 Base
 - 2. Salary raise x $\frac{4}{3}$
 - 3. Employer contributions (EC x 1.19)
- 1 + 2 + 3 = _____

Budget numbers
by the May 14
by TASK

Computer - 20MB - doesn't need
to be on
network?

Bill Suddins 669-5751 home
661-3275 work

need
TMR
write
Kenals

Dr. Richard Ushijima
STATE AG JET
Hawaii:

487-5351

Home: 621-8263

Neil Roger - Kawaiini Canal 254-1895
Turtles

RADIO TRACKING

Volunteer - Josh HEKEKA 262-6692

Need
TO CALL

PAT wells (305) 664-2845 or 664-4815
14 June (Friday)
(30 miles from Key West) Theatre of the Sea

- Blood
- PARASITES
- Necropsies

Award - Kathryn D. Hogue Sent award
Educational Specialist
SeaLife Park - Marine Research & Ed. Foundation

5/9/91 - The turtle from ^{in front of} Kahala found
Dead at Kevalo (several days?) - ♀
Taken to Kailua Dump by Russ & Karl.

STRAND

Tom Kirkwood only 2 story Bldg
47-653 Kam Hwy on right
Kaneohe, HI 96744 2nd Hard side

5/9/91

Need
Sent

Tumors 239 2321
Karl picked up to A-2
Freezer

~~sent
head~~

5-11-91 SAT.
25 YARDS
0930 - OFF REEF RUNWAY
BONUCV, JOSEPH
B-day 1-14-58
4337 LANIHALE PL
PH: 735-4269

MASSIVE
SLASH (PROP)
through head

Brought to A-2 photos

DOCARE OFFICERS:

Alive but Died 2 hours later

SCOTT CHUN badge # 58

STEVEN USUI " " 14

SL-63 cm

CL-67 cm

Amy Shelton Kahala 734-2244
New Turtle caretaker ext. 7072

5/13/91 →
Telecom
Need Cent

MARLENA ON STAFFORD

LAPAAHI

889-5586

Box 100

KAPAHAU, HI 96755

Regarding
naming of
turtles at
Mama
Lani

5/13 - KITV WANDA Ware
hooked turtle at ALAMONA Beach Park -
(not substantiated by agents)

5/14 Telecom Bill SUNBIN

work → 669-5751
Home - 4661-3275

"Airport
Beach"

Need
Cent

Possible ^{old} turtle egg shells "SW end
of old Lahaina runway where it meets
the beach" just N of Royal Lahaina
Hotel, right at Veg. line.

never
rescued

3740 Lower

Honoapiilani Hwy

A 307

LAHAINA, MAUI 96761
ZIP 96761

Kim Holland

Univ. Calif Conf.
Lake Arrowhead

Thurs. Friday

16-17 May 91
USCG C-130

KURE ATOLL

only 1 turtle, ~40cm seen
(Twice) during 5 hours snorkeling
green.

(161)

Need something 5/17-possible 8171 beach, near her house

Judy McGuire
61-565 Pohakuloa way
Haleiwa, HI

5/20 Call from Ms. Nasrin Mohamed
sent me report interested in turtle problem 1118 19th Ave
Honolulu, HI 96816
Tel. 735-2875

need → GARY SPRINKE SPINKE Productions
789 KALUANUI Way / PBS
Honolulu 96825 / Educa
395-8877

need Terry Taube ARTIST
73-01100 ALIHILANI Dr
KK, HI 96740
325-5496
coming 29 May Wed. TO MAKE mold of
dead turtle.

(10)

011-
(684) 633-4456

Am. Samoa
NATASHA
BARTLEY

5/17 sent follow up inquiry CCL=64 cm Olive ridley
found dead east end of Tutuila. ✓
Spear in neck. Dead several days.
Saved shell. Centals 6-7 skinning.
roy carapace. [Gordon Yamasaki says
he was caught and released 2 years ago??]

5/20/91 Officer Morgan > 684-6222
Officer Goodier

Barber Pt NAS - civilian police
Turtle seen close to shore in distress.
50 yards offshore. White Plains Beach.

5/21/91 Michael Rajkowski to Sea Life
Officer O'Connell Park.

HPD "Han Bugh" - Oneawa
Park Beach Park
5/21 Michelle 943-3911. (White Plains Beach)

7-11 store
226-0197
Farouk Guessford
mother=MINA 672-8415

Ben Ohtomo - 971-7180
151 Kapaehulu
2001 96815
(NEXT PAGE)

Officer
Richard
Ladlow
655-4817

(163)

5/21/91

LUANA

TO A2 freeze
TO pick it up

TUES

92810 WAINOHAÏ ST,

sent/ forward ~~AWA~~ Beach 96707
Makapilo

5/21/91 Telecon.

Ann Shigeta - Manna Lani R.

949-4131

Draft Recovery Plan sent.

Channel
4
News

DICK ALLGIRE = 545-6200

5/21/91

Tagged, measured & inspected

3 large males at Kahala Hilton Hotel.

Data sheets appear earlier in this book.

(13)

(NEXT PAGE)

ALBERT MOITA Viewed Home - 565-6448

Video of "Swimming" turtles - wife work - 565-6688

22' To 2 1/2' size Julie 8 on reef
4 on channel

5/16/91 Mammals and White Rock 6 on reef
6 in water
High & dry right along side channel edge,
will send a video

" " USCG Telecon

5/22/91 16 Life Guard Station, Guy Perry
Turtle on the rocks of Magic Island -

wed. TMRS + old shark bite above LH.
Prop hits across across + old healing wound.
external exam and taken to Dump.

Measure Same turtle as "Canyon" off workin video
TMRS check

Pete DIAS

5/23/91 Hickam AFB - Stranded
Thurs. dead turtle - large
maturing male - leeches &
leech eggs - Score #3 tumors
CFE entangled w/ 10lbs webbing
and 40lb fish line -

Bromwell TO Dump. Measure & score TMRS

(165)

MAY 24, 1991 Friday
KBAY (Mark Reel -
8 caught - 4

~~Sent
Need
CAYMAN
FARM~~
Telecom
Alix FANO
115 West 77th St
Apt 3R
N.Y.C. 10024
(212) 721-1850

Rick DOCARO H.I.D. # CASE
K 1306
5/26 51-636 Ham Hwy 943-3363

{ 10" x 14" } 2-3 days old
Bloating & Rotten
Sunday

INGORRE
TO KAMA

5/27/91 Bob Laube called Sam
Monday said there was a small
Memorial Day dead turtle on the beach
at Swanzy Beach Park.

MAY 24, 91 KBAY - Mark Reel
Turtle Track #1 6 collected
3 w/ Laube

5/29/91
Wed.
~~pent~~

Bob Blinsky = 874-6955

Wailea area & 155 Wailea ike Pl.
#45
Gillnet & Wailea 96753
Small turtle
swim up to them.

M/M Barnes 5/24/91

47-7192 Kam Hwy
Kamwehe 96744

Severe emaciation - beach eggs - photo DB-35

Heavy algae growth ring. SL-73.0 x 58.2

TMR code = 3 Russ & Karl took it to KAILUA DAMP.

5/30/91 Telecon
Haleiwa Trench

18 years - BLUEWATER Divers
P.O. Box 88910
Honolulu 96830

~~pent~~

Daytime - most w/ TMRs
most smaller 2-3'
rest on mound - 40'
However
Nighttime - The really big turtles
IN CAVES in trench

943-1166

Vince McHenry

40-60'
No signs at all of TMRs
- gotten worse
over the years.

8 years ago 14-15 turtles.
Now 5-6 turtles seen.

5/30 Shelli GRISWOLD 261-7781

"EGGS" @ KAILUA Beach.

14 NAMALA PL.
KAILUA 96734

Betty

(167)

5/31/91 Kristen Von Kugelgen

Interested
in TMRB

UC Davis
(916) 756-6090

885-1234
x2483

~~Agent~~

LINDA Elliott

Hyatt Regency Waikoloa

HCO2 Box 5500

WAIKOLOA, HI 96743

"Wildlife
Curator"

Kami
Assistant

for 6/10/91

1 JUNE 91 ~~KALAE~~

w/ALBERT MORITA

LANAI

(979990d - VII -
V16

7 JUNE 91 - Mark Reef

w/KBB and Dennis Russell

202
1 Rec
1 new
w/TMRB

9 JUNE 91

Sundays
likely

14 NAMALA - TO look at eggs

622 Kamalina - M.W. Perry - Exit of
Kauauni Canal -
someplace choye I tried netting.

JUNE 8, 91 SATURDAY

"Breakfast with Sea Turtles"
Sea Life Park

P. Weitzel
661 0330

Need -

Coosey
- video

Sent

KBAW
MAP TO
MR. BAENS

CANAIDES -

- Hump. Review articles

Tiger
Shark
STUDY

Albert - Home 565-6448

Dennis Russell - 1015 AOLOA PL. #230

AOLOA PL ST. 261-1238
AOLOA

Need Sent
2 more TMC Reports
FO TINA

FRANK (Scott) Betz 638-7144

DATE =

5/26/91

59-410 Kama
Haleiwa, HI 96712

Shark
ATTACH

(6' waves breaking every 5 Minutes
12-15' murky, Further out than other surfers,
Maile Beach Point
8' shark

Caught a wave in to shore. Left
2 incisions - 7" and 4" ^{necessary} call

10" dorsal STITCHES TO ^{close} ~~close~~
7 1/2" ^{surf board} red rails/underside white.

need to send - shark list
- SB & ADV. articles
- SASE; photos of sharks
- Kawai article (no injury to person)

Done

9 June 91 7AM Call from Jerry DOAK
Turtle turned in to SeaLife Park. Spear in
Head, rope (new one, not debris) tied to hind
flipper. TO A2 freeze

(169)

Interview Telean 6/4/91

Puako #5
10 JUNE 91 5 captures

+ Mammals
Carni
1 capture
w/ Danny Anika

6/14 Hidden Harbor Motel (305) 743-5376 \$27.50

6/13 Lime tree (305) 664-4740 (Reservations)
[Edgewater (305) 664-2662]

6/15, 6/16, 6/17 - Flamingo Lodge
Stacy Morris - Diners (813) 695-3107

Continued from P. 114 FL KEYS 6/14/91

NOTE TAPEWORM Records for marine turtles -

Levinseni - produces one large egg at a time
or 2 maximum

(Most of TREMATODES occur in the gut)
(Levinseni has long spines, 3/3 longer than others). Not all trematode eggs have spines.

Some EGGS walled off and never get out
[except if eaten? (i.e. tiger shark or man)]. Answer = possible, but unknown if eggs are viable after being passed out.

* → Stephen BUSAK
USFWS Forensic

Loei Covington
work
(205) 479-0394

476-7732
Need TO MAIL BONES

John Fulton
(912) 944-4415 Savannah, GA

Lenny Jones FL Refuge
Naples

Ray Porter Savannah

SEA LIFE PARK - EARLY JUNE 91 FEED H. MUSCIFORMIS + ACANTHOPORA FROM KUALA TO TURKES

PROGRAM REVIEW 6/12/91 Wednesday
Barnett, Mackett, DICK NEAL

6/12 Call on a cellular phone from Kuala - "dead" turtle on the beach.

6/12 Call from Kulionou live turtle beached, possibly the same one at Bay St, call received a day ago 6/11.

continued 6/14/91

need New Gillnet reqs 600 YARD limit. check compliance an hour.

ES - Dremel tool w/ Blade for Necropsy.

need - Series of necropsy slides.

need YELLOW FAT - MODULATED FOR Hormones. yellow Fat Bodies important for vitellogenesis?

JOHN EMBRY
541-2749

Xerox all KBay &
WAIKIKI STUFF in here and
AFFIX IN PROPER BOOK.

~~Wendell~~

All Reptiles have a 3-chambered heart, except Croc. have 4 chambers
Need - Wendy - Toxicology ## (NBF)

6/14/91 FIXATIVES = Neutral buffered formalin (NBF)
10% NaPO₃ (Sodium phosphate)

Can buy 3% commercially already buffered.
after 48% switch to 70% ethanol.

6mm penetration of formalin. 10 TO 1 volume
Wayne's slides

Elizabeth
Slide of reflection of workshop in Sunglasses.
PATWELL KEYS 50% green 41 loggers 6 hawk 29% leather

70% FIBRO

Fish BBQ AT Hidden Harbor

6/15 SAT TO Key West

TO LOOE Key (Storkel) (Tom Mathews)

TO FLAMINGO Everglades Nat. Park

Need - Payman Woods letter to Lew & Barbara

- Turtle Decoy article to Schroeder

- Balazs leaving slide from Lew

- Sea Grant letter to Lew

6/16 AM TO FLAMINGO - Everglades Nat. Park

Depart ~ 8am w/ ANGELENO GEORGIO

1/16/90 TO

Channel (later IRON PIPE
10 miles from CHANNEL
FLAMINGO?)

Sandykey on the way.

260 YARDS net laid 12' deep - 8" bar
16" mesh. Parallel to "channel" - 8-9' deep.
3' on grass flat, "Loggerhead" farge.

~ 60 cm loggerhead swimming along net,
missed it.

Saw Siringodium; Thalassia, Sargassum,
Colepoda serrulata; Acanthoephyron on post;

No turtles caught in net.

Saw small (35 cm) green Surtin out
from under "Loggerhead" farge, tunnel over
fiberglass boat - last year saw green under it.

Green seen by it. Caught small green
resting on bottom of channel w/ head in
grass. 3 big barnacles. Saw Kemp's ridley
with partially missing posterior - shape on
prop?

Caught an 81 cm loggerhead
near unmarked "channel" north of
"iron pipe". Grabbed a front flipper -
immediate lots of wild-open-mouth
biting at me. Brought aboard 115 hp
flat-bottomed 22' boat. The greys
that were seen were skittish -
fleeing almost immediately.

Took TIME count
sittet

8-11-90
3/1 C Channels + 0.3
32.5° C 3' =
GRASS FLATS

6/16/91
Sun.

3 - loggerheads 81.5[♀], 81cm[♀]
89.5cm ♂
1 - green 37cm
Fibropapillomas

upon sight of the boat.

Returned ~ 4pm.

6/17/91 Monday depart ~ 8:15am - 2 boats
Skip Snow driving 17' BWhaler.

TO Mau-o-wae channel - Set net
parallel along west side, close to
double-worked south end.

Skip and Jill Ogle and I
motored channel, saw 1 first
moving green, large loggerhead -

♂ 89.5cm; Moved to
"9 mile bank" - Y-shaped channel.

Net set across channel. 81cm
loggerhead (♀). "Wart" on RFL;
Wart also on ♀ caught yesterday.

2 greens (45lbs each) caught
in net, almost at the same
time. Lightning storm! Stomach
flush "dumb" on one green -

Thalassia and Serixdomina pieces.
Cew concerned about capturing esophagus
Elliott mentioned "S" shape esophagus.

6/17/91 Monday

took RFF width
and hind flippers LXW. need
from
Barbara.

Returned to Flamingo - 4:30pm.

6/18 9AM depart for Seattle via Chicago.

~~TUES~~ FOX MFAC ("Marine Fisheries Advisory Committee").

Driftnet program

Fy 89 - 500k

90 \$3.3k → 2.6

91 \$4.2k → 3.996

"Development of Methodology"

COE. - DCMC job recruitment

Driftnet - large mesh = >150mm ^{MESH.}

Grey "Chopstick" nets - pushnet - Vietnamese
shrimp fishery in the Gulf.

12-21 June 91 - Florida Keys, Florida Bay
(Flamingo) AND Seattle.

(175)

Alanya
5 July
91

836-1111

ALOHA AIRLINES

FL 84 745 am TO Kona

485 82 8:25 am
FL 287 5 am 620 pm

800 327 9633
~~823-47885~~ Acamo ✓ no

HERTZ - 800-654-3131

SUNSHINE - 329-2926

957-0800 Tropical ✓ no

922-3600 Budget ✓ no

944-1544 Dollar ✓ no

See
p. 108

16 July 91

HILO

FL 444 444

Alaha 836-1111
9:50 AM → 9:40

TO MOLOKAI
LAST Flight

17 July

FL 47

6:55

FL 764

Call back
need # =

Tropical \$38.95
2477657

minivan

8 July 5:40 PM

Hawaiian 537-5100

FL 700 620 AM
648 am

9 JULY TUES.

Alanya
Molokai
\$45.00
DINER

536 7545

FL 765 625 pm

11 JULY THURS.
\$69.95
Gov. Price?

531-4004 (9av Hotel)
HAN

AVIS #21.95 need #

306324

KCCN coupon \$10 discount
RADIO each way
103US4

567-6814

FRANK 1145 am
7/7

MARK REEF

TURTLE TRACK #2 - KBAY

-No Tumors-

Relocated
+ Mark Reef 6/28

25-27 JUNE 91

6/27 - John Navigation Reports that Resident of
Agatter village by Honokohau told of people
gillnetting turtles.

Need followup on note.

MARK REEF

Need Shark List
George Burgess sent
FL Mus. Nat Hist
DIV. Fishes 326110
UF - GAINESVILLE, FL

Sent Brad Wetherbee
Kin's office

- Larger cooler
- towels for turtles
LARGE CITEAL

Need Panetta
West MAINE - order charger for VIII
TUMOR -> DATA ON TRACK #1
- Deep cycle battery
- Memo to ABBOTT w/BENNETT
Score 1 TO A3

Sent JOHN Engering =

Sent attack by
Need leatherback off Palau
FAX 541-2756
sent recon. plan stuff to Robert Smith

MARK
732 3725 Harpos PIZZA KAPAHULU

Leilani - IPP1 WOG 71-21

MARK REEF
TURTLE TRACK #3 - K Bay 1-3 JULY 91
Score #4 Tumors

6/26/91 Telecon Gene Witham
Confiscated in CALIF. on 4/12/89, Tagged a
held at Sternhart ~ ca 14" CL "olive ridley" 8859 R
8860 L
and released it into FAGATEL Bay
American Samoa.

MARK REEF
TURTLE TRACK #4 - K Bay 15 JULY 91
STRONG & VIGOROUS 79lbs
Trans. recovered by KREL (177)
Score #2 Tumors

Telecon 7/13 SAT.

at
Kalihi Pt

7/12/91 Tom Walsh 966-4829

sent/watches "Paradise" on Big Island
Turtles PARK on the cliffs. 20' cliffs
particular turtle floats around
WAVE flipped over every so often
12 MAX. all sizes - little to Big. FEED on
Late morning to darkness. Fishermen
complain

HCR 9533 KEAAU 96749

16-17 JULY 1991 PUNAAHU

#16

15 captures (3 new)

NO Tumors

Ben SAITO
Wailua P91 #

①

SEA TURTLE TAGGING / NECROPSY TUMOR FORM - Addendum

Capture Date/Stranding ID and Location:

1-2-90 MARK Reef

Person Recording Data:

OLD TAGS: RFL

Y907
282

LFL

NEW TAGS: RFL

LFL

OTHER
NEW
TAGS:

STRAIGHT CARAPACE LENGTH:

WIDTH:

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
EYES		4				Both
MOUTH						
NECK	2	1				
FRONT FLPR'S	1	2				Both
HIND FLPR'S	1	2	1	1		Both
CLOACA/TAIL		1				
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.

#2 = >1cm to 4cm.

#3 = >4cm to 10cm.

#4 = >10cm.

SEA TURTLE TAGGING / NECROPSY TUMOR FORM - Addendum

Capture Date/Stranding ID and Location:

1-2-90 MARK REEF

Person Recording Data:

OLD TAGS: RFL

NEW TAGS: RFL

N576

--

LFL

LFL

OTHER
NEW
TAGS:

N577

--

STRAIGHT CARAPACE LENGTH:

--

WIDTH:

--

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
EYES	3	2				Both
MOUTH		1				R JAW
NECK	1	2				
FRONT FLPR'S	1	2	3	1		Both
HIND FLPR'S		6				LH
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

--

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter. #2 = >1cm to 4cm.
#3 = >4cm to 10cm. #4 = >10cm.

18

SEA TURTLE TAGGING FORM

23°C
seawater

CAPTURE DATE, LOCATION AND METHOD:

MARK Reef 1-2-90 ~ 9 AM

PERSON RECORDING DATA:

OLD TAGS:

[Empty boxes for old tags]

NEW TAGS:

RFL

[Empty box for RFL]

LFL

N 576

OTHER NEW TAGS:

N 577 R 3-4

STRAIGHT CARAPACE-LENGTH:

63.4

WIDTH:

49.4

NOTCH LENGTH:

62.8

CURVED CARAPACE LENGTH:

68.0

WIDTH:

63.0

HEAD WIDTH:

8.9

SEX: MALE, FEMALE OR UNDETERMINED

[Empty box for sex]

TAIL LENGTH: T

[Empty box for T]

c

[Empty box for c]

RIGHT FRONT FLIPPER WIDTH:

10.3

SAMPLES COLLECTED:

[Empty box for samples]

PLASTRON LENGTH:

[Empty box for plastron length]

[Empty box for plastron length]

WEIGHT:

[Empty box for weight]

[Empty box for weight]

[Empty box for weight]

[Empty box for weight]

[Empty box for weight]

DESCRIPTIVE REMARKS:

TUMOR SCORE:

3

Plastron / Beak / Barnacles on carapace removed

8 mm	11 mm	13 mm	6 mm
10 mm	10 mm	17 mm	8 mm
12 mm	8 mm	13 mm	3 mm
	8 mm		13 mm
	9 mm		3 mm
	19 mm		3 mm
	5 mm		7 mm

+24
Others -
all small

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

(19)

Mark Reef 1-2-91 9 AM hind flippers

PERSON RECORDING DATA:

OLD TAGS: Y 907 → barnacle removed
Z 82

NEW TAGS: RFL
LFL

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 52.1 WIDTH: 41.7

NOTCH LENGTH:  Curved healed piece missing

CURVED CARAPACE LENGTH: 56.0 WIDTH: 48.5

HEAD WIDTH: SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

2nd S.R. missing healed

healed

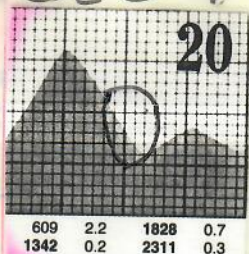
Score = 3

(P185)

20 DEC 90

12/20/90 BW from Kewalo

THURS



11:30^{AM} - 300pm return

GHB, RM & KB

Released 11am - lots of rain squalls before departure.
 2:45pm ^{TAGGED} D777, D778 hatchling hawk
 from 12/14/90 KAILUA Beach, Oahu. Seep. 57
 CINDY BAKER 254-2529

361 ILIANA ST KAILUA 96734

5-4.5 x 3.5 mm (photos ^{CLOSE-UP} in bucket)

24°C

Anchored 11:30am oceanside of Grace ledge -
 Strong winds (15-30kts) but very clear water -
 Followed ledge-ridge - Saw "B"
 turtle - white paint distinct in
 engraving - very readable. Unable to catch.
 This is the only turtle we saw.
 Saw it in pothole settled in about
 15 minutes later. Swan out slowly when
 I approached.

Barefoot (Aikane Catamarans) "Alealeka
 I" anchored nearby. Blue band bottom
 inflatable (HA1016) had bottom, and red

12/20/90

THURS.

The inflatable tenders. latter motored to ledge and appeared to be "checking" to see if brand new yellow polyprop. still there (New from 12/14 when we cut off blue polyprop.)

Motored to just off Natatorium - anchored and snorkeled area - up to windsack at outrigger canoe club. Cables noted coming from shore. Russ caught one small juvenile (543.7_{mm}) right after we anchored.

This, and one other, of similar size I saw inside wave break, was all the turtles we saw, in spite of the habitat being plentiful in ledges, caves, etc. with nice sand bottom. Area closer to wind

sack very turbid. Lots of reef fish.

This area is in Special ^{Fishery} Management Area.

At AMARUWA seen.
Returned to Crave Ledge - no turtles seen.
Removed skain and yellow polyprop.

12/14/90 Depart Kewalo ¹⁶ SW Ledge
15-30KT 12:30pm TO Grace's Reef
KB, GB, RM - 2 captures snorkel
along reef edge. Photos UW
of chain, rope & bread bags on
Largest "cave"

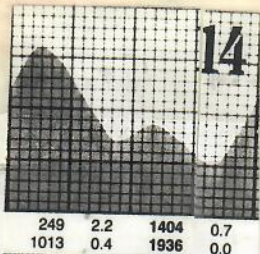
Returned to Kewalo at 4:30pm

12/14/89 Found entangled in a gill net (unattended) in
"waist-deep" water off Kapahulu Seawall.
Life Guard rescued it and call personnel at the
Waikiki Aquarium (Jerry Crow & Reid Withrow).
"STRESSED & Weak"

Released by Gitts at Kawaiiki Beach Park

12/18/89 - Strong Swimmer,
(+3.6) ^{Length} Straight = 57.6 cm (+2.1) Width = 45.6
(+3.3) ^{Length} Notch = 57.4 cm
(+4.0) ^{Length} Curved = 61.0 cm (+4.5) Width = 53.5

DEC.



24°C seawater - Grace's Reef

249	2.2	1404	0.7
1013	0.4	1936	0.0

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

12-14-90 ~ 115pm HAND
 PERSON RECORDING DATA: GHB & _____
 Depth = 8' ?

OLD TAGS: L
 Y49 (3-4)
 Y48 LFL - "Ringed" (12-14)
 Y47 RFL
 Y50 LH

NEW TAGS: RFL _____
 LFL _____

OTHER NEW TAGS: R35 Z243

(up side down) APPLIED

STRAIGHT CARAPACE-LENGTH: 61.2 WIDTH: 47.7

NOTCH LENGTH: 60.7

CURVED CARAPACE LENGTH: 65.0 WIDTH: 58.0

HEAD WIDTH: 8.8

SEX: MALE, FEMALE OR UNDETERMINED
 N.P.

TAIL LENGTH: T 12.5 c 8.5

RIGHT FRONT FLIPPER WIDTH: 11.3 SAMPLES COLLECTED:

PLASTRON LENGTH: 49.9
 old small scale

WEIGHT: 78 lbs

Small piece from Mouth - green alga

DESCRIPTIVE REMARKS: old gouge (scab) top of head near Royle

PORTIONS OF "Y-47" ENGRAVE VISIBLE IN 1ST LAT. RIGHT
 2ND Lat. Right "B" ENGRAVED - WHITE PAINT

(189)

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

12-14-90 ^{Ledge} Graces Reef - 11:30 AM
HAND CAPTURE

PERSON RECORDING DATA:

OLD TAGS:

NEW TAGS: RFL

N570
N571

LFL

OTHER
NEW
TAGS:

RHF N572
(upside down) R35 Z242

STRAIGHT CARAPACE-LENGTH:

49.5

WIDTH:

40.8

NOTCH LENGTH:

48.7 (injury)

CURVED CARAPACE LENGTH:

53.0

WIDTH:

48.5

HEAD WIDTH:

7.5

SEX: MALE, FEMALE OR
UNDETERMINED

U

TAIL LENGTH: T

9.8

C

5.5

"PRUDE"
Behavior

RIGHT FRONT FLIPPER WIDTH:

9.0

SAMPLES COLLECTED:

PLASTRON LENGTH:

40.7

WEIGHT:

45 lbs

DESCRIPTIVE REMARKS:

New ENGRAVED "C" 3rd Lat. Right
WHITE PAINT

Seam between 8-9 has notch healed
"Light" presence of SKIN BARNECLE

only one other turtle seen VW
at this location, approx
same size.
24°C = 75°F

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

12-20-90 In front of natatorium - 7ft deep
hand captured

PERSON RECORDING DATA: Russ Mijoff

OLD TAGS:

"D" engraved
4th LAT
Right

NEW TAGS: RFL

N573
N574

LFL

OTHER
NEW
TAGS:

N575-LH

STRAIGHT CARAPACE-LENGTH:

43.7

WIDTH:

33.9

NOTCH LENGTH:

43.6

CURVED CARAPACE LENGTH:

47.0

WIDTH:

41.0

HEAD WIDTH:

7.3

SEX: MALE, FEMALE OR
UNDETERMINED

P

TAIL LENGTH: T

6.7

C

4.5

RIGHT FRONT FLIPPER WIDTH:

7.9

SAMPLES COLLECTED:

PLASTRON LENGTH:

34.7

stomach
sample collected, it

WEIGHT:

30 lbs.

took 3 times

(Likely Acanthopora)

DESCRIPTIVE REMARKS:

Photos of Russ w/ turtle
PCA on carapace
small notch RFF 6-7 scale (healed) (191)

SEA TURTLE TAGGING FORM

20

CAPTURE DATE, LOCATION AND METHOD:

MARK Reef 1-2-91 9 AM

PERSON RECORDING DATA:

OLD TAGS:

Four empty boxes for recording old tag numbers.

NEW TAGS: RFL

N 578

LFL

N 579

OTHER NEW TAGS:

Two empty boxes for recording other new tag numbers.

STRAIGHT CARAPACE-LENGTH:

46.3

WIDTH:

35.5

NOTCH LENGTH:

46.2

CURVED CARAPACE LENGTH:

50.0

WIDTH:

42.5

HEAD WIDTH:

7.2

SEX: MALE, FEMALE OR UNDETERMINED

Empty box for recording sex.

TAIL LENGTH: T

Empty box for tail length T.

C

Empty box for tail length C.

RIGHT FRONT FLIPPER WIDTH:

8.4

SAMPLES COLLECTED:

Empty box for recording samples collected.

PLASTRON LENGTH:

37.2

Empty box for plastron length.

WEIGHT:

Empty box for weight.

Empty box for weight.

Empty box for weight.

Empty box for weight.

Empty box for weight.

DESCRIPTIVE REMARKS:

5 DB

SCORE = 1

NECK - 1 - #2

LEYS - 2 - #1

SEA TURTLE TAGGING FORM

21

CAPTURE DATE, LOCATION AND METHOD:

1-2-91 MARK Reef

PERSON RECORDING DATA:

OLD TAGS:

NEW TAGS: RFL N 580
LFL

OTHER NEW TAGS: N 581 L 3-4

STRAIGHT CARAPACE-LENGTH: 45.5

WIDTH: 36.8

NOTCH LENGTH: 45.3

CURVED CARAPACE LENGTH: 48.0

WIDTH: 45.0

HEAD WIDTH: 7.3

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: 7.6

SAMPLES COLLECTED:

PLASTRON LENGTH: 35.5

WEIGHT:

DESCRIPTIVE REMARKS:

Eye- 1-#2
Eye 2-#1
Neck 1-#2 / 2-#1
LFL 1-#1

SCORE # 2

page 193

22

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

Mark Reef 1-2-91 9 AM
PERSON RECORDING DATA:

OLD TAGS:

NEW TAGS: RFL N 586
LFL N 587

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 46.0

WIDTH: 37.9

NOTCH LENGTH: 45.8

CURVED CARAPACE LENGTH: 49.0

WIDTH: 43.0

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH: 36.9

WEIGHT:

DESCRIPTIVE REMARKS:

4 VB 5 DB
Neck - 2 - #25 1 - #3
Throat 2 - #15
LEye 1 - #2 3 - #1
REY - 1 #1

HIND F - 2 - #2;

TUMOR SCORE: 3

13

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

Mark Reef 1-2-91		9-11 AM
PERSON RECORDING DATA:		

OLD TAGS:

Y 884
Z 70
Y 885 RH

NEW TAGS:

RFL
LFL

OTHER NEW TAGS:

6/15/90

STRAIGHT CARAPACE-LENGTH:

53.4

WIDTH:

42.2

NOTCH LENGTH:

53.3

CURVED CARAPACE LENGTH:

57.0

WIDTH:

51.0

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

43.1

WEIGHT:

DESCRIPTIVE REMARKS:

Reye - 2 #15
Leyes - 1 #1

Neck 1-#1
1-#2
LFA 1-#2

Age 195

TUMOR SCORE:

2

UNITED
547-2211

United - Daily to Sidney

leave 12:50 am

FL 817 arrive 10:25 am (following day)

Advance 21 day; 10 day stay \$899
7 day stay \$1153

Oshiro
565-6952

F 818 leaves 12:40 pm

Tropical
X 5657417

JUNE 1
FL 1301 5:35 → 6 am
FL 1218 5:30 am
LANAI

Same day

13th &
14th

Hidden Harbor Motel - (305) 743-5376

2396 Overseas Hwy MM 48.5

Marathon, FL keys 33050

5/22 Ken - Univ. Travel Lodge - (206) 525-4612

TUES 4725 25th AVE. NE (by Univ. Village)

6/18 - 6/19 - 6/20
WED THURS.

DINERS CARD# Given

547-2211
"Red"
Thomas Cooke
8881-835
532-1888

UNITED JUNE 12 WEDNESDAY FL 100 TO LA 9:50 pm

FL 344 5:55 am TO CHICAGO

FL 1218 TO MIAMI 12:58 → 1:50 → 5:45 pm

UNITED JUNE 18 TUESDAY FL 391 7:10 pm CHICAGO 9:15

FL 657 10 pm

SEATTLE 12:28 pm

21 JUNE FRIDAY FL 33 TO Honolulu

e p
10cm.

cm.

HERTZ 78120453CA4 6/13 - 6/18 \$1130.05 Ford ESCORT
800-654-3131 THURS TUES

FLORIDA KEYS MARINE CAB
(305) 664-9109

PATWELLS -
(305) 451-7617

Wound (ear TAGGING / or prepunch) next
Tumor turtle in captivity at Kewalo

JOB LIST

- ✓ BAR GRAPH - MOLOKAI TO TMR
- ✓ Hawaiian Is. w/TMR SITES
- ✓ Group photo
- Beauty Photo Display by David S. call.
- ✓ Leslie + pictures for press
- ✓ Kewalo turtle assess by ^{score} + number, TMR.
- Growth rates of turtles with, and w/out, tumors.
by Tumor severity
- Life History graph w/illustrated turtles ^{Deborah?}
- Simpson - wound healing; Horse disease & MUTAGENS? ^{counterparts} - new algae - Acanthopora
- Horse disease &
- ✓ - Close-up photo of K Bay CALONDAE & BEKKO INSIDE CLOUD PATTERN
- ^{need photo} → VW Hawkbill off postcard; PACIFIC DIVER COVER; (get piece in my office)
- ✓ - write to Bannet - request slides
- JAW publication
- Russ - letter to editor re: WAIKIKI
- Kobayashi - JOE slide show
- Sled for underwater towing WAIKIKI
- * - Graft tumor from a turtle onto itself.

call Howard Moore

P.197

64 students 9am Naalehu School

5/6 UAF L32
12:24pm =

66 students
10:15am

TRIP LOG

5/8 UAF L33
8:30am →
SEATTLE

RTLA Histological evidence for differences in TUES FL vs. HI
ref.? Spines in schistosome eggs that cause irritation and tumors

<u>ALOHA</u>	ALOHA - 836-1111	23 rd APRIL	HAWAIIAN =
TUES	FL 402	5:40 AM → 6:21 AM	FL 102 537-5100
23 APRIL 91	→ VAN		5:35am →
24 APRIL 91	FL 65	5:25pm → 6:06pm	6:21pm
	TROPICAL = \$29.95 VAN		
<u>HAWAIIAN</u>	PEROSTAR Request		
	#2390091 Dennis		
23 April	FL 122	7:50am → 8:36am	
24 April	FL 201	5:30pm → 6:16pm	

UNIVERSITY MOTEL
4731 12th AVENUE, NW

Thurs KONA Hawaiian

21 MARCH FL 128
7:00 → 7:30

22 MARCH FL 247
6:15 pm 6:52

TROPICAL \$1650 #

LISA - 329-2025
Citouquette

21 March Aloha FL 88
6:40 am

22 FL 283
2:45 pm → 3:15 pm #

TROPICAL 9.95 \$12.95

PUAKO #4

ALAMO \$9390

FL 80 Aloha

FL 485

6/10 AM 6:12
5:50 → 6:24
6:10 → 7:04
6 pm

(206) 582-4724

1pm → end

PUAKO MONDAY

6:52 FL 247

"Lei"
JUNE 10th
CAT "SUNSET" \$15.95

81143VW1
8R1B7200
1M3178

Useful Information

Wordperfect Hit "F5" twice TO LIST FILES.

MOSS-365-0574

MULTIPL

1	2	3
2	4	6
3	6	9
4	8	12
5	10	15
6	12	18
7	14	21
8	16	24
9	18	27
10	20	30
11	22	33
12	24	36

Table of Time

60 seconds	= 1 minute
60 minutes	= 1 hour
24 hours	= 1 day
7 days	= 1 week
30 days	= 1 month
12 months	= 1 year
365 days	= 1 year
366 days	= 1 year
100 years	= 1 century

Table of Dry Measure

2 pints (pt.)	= 1 quart (qt.)
4 quarts	= 1 peck (pk.)
4 pecks	= 1 bushel (bu.)
1 cord	= 128 cu. ft.

Table of Liquid Measure

4 gills (gi.)	= 1 pint (pt.)
2 pints	= 1 quart (qt.)
4 quarts	= 1 gallon (gal.)
3 1/2 gallons	= 1 barrel (bb.)
2 barrels	= hogshead (hhd.)

Table of Paper Measure

24 sheets	= 1 quire
20 quires	= 1 ream
10 reams	= 1 bale

Table of Linear Measure

12 inches	= 1 foot
3 feet	= 1 yard
16 1/2 ft. (5 1/2 yds.)	= 1 rod
660 feet	= 1 furlong
320 rods (5280 ft.)	= 1 mile

Miscellaneous Measures

12 units	= 1 dozen
12 doz.	= 1 gross
12 gr.	= 1 great gross
20 units	= 1 score
1 hand	= 4 inches
1 fathom	= 6 feet
1 knot	= 6086 feet
3 knots	= 1 league
1 bu. potatoes	= 60 lbs.
1 barrel flour	= 196 lbs.
1 cu. ft. of water	= 7.48 liquid gals. and weighs 62.425 lbs.
Diameter of circle x 3.1416 = circumference	
Diameter of circle squared x .7854 = area.	
Atmospheric pressure is 14.7 lbs. per sq. in. at sea level.	
1 3/4 cu. ft. of air weighs 1 lb.	

W-423
W-73
W-321
W-363
W-45
W-375
W-494
W-314
W-361
W-63
W-443
W-161
W-15

TAGS BENT OR OTHERWISE NOT USED AT FFS DURING 1990

= SAVED ALL OTHERS DISPOSED OF.

W-34
W-101
W-35
W-39
W-67
W-74
W-77

2781
W-369
W-522
W-518
W-517
W-309
W-85
W-56
W-11
W-374
W-440

C.B.
3422
763

feet long, 1 1/2 feet wide, and 1 foot high.

Table of Avoirdupois Weight

16 drams	= 1 ounce (oz.)
16 ounces	= 1 pound (lb.)
100 pounds	= 1 hundredweight (cwt.)
2000 pounds	= 1 ton (T.)
2240 pounds	= 1 long ton (L. T.)

Table of Troy Weight

24 grains (gr.)	= 1 pennyweight (dwt.)
20 pennyweights	= 1 ounce (oz.)
12 ounces	= 1 pound (lb.)

Table of Circular Measure

60 seconds (")	= 1 minute (')
60 minutes	= 1 degree (°)
360 degrees	= 1 circumference
A degree of the earth's surface or a meridian = 69.16 miles at the equator.	

Table of Apothecaries' Weight

20 grains (gr.)	= 1 scruple (ʒ)
3 scruples	= 1 dram (ʒ)
8 drams	= 1 ounce (ʒ)
12 ounces	= 1 pound (lb.)

Table of Surface Measure

144 sq. in.	= 1 sq. ft.
9 sq. ft.	= 1 sq. yd.
30 1/4 sq. yds.	= 1 sq. rod
160 sq. rods	= 1 acre
640 acres	= 1 sq. mile
An acre measures 208.71 ft. on each side.	
A section of land is 1 sq. mile.	
A quarter section is 160 acres.	
A township is 36 sq. miles.	

1 decagram (dkg)	= 10 g
1 hectogram (hg)	= 100 g
1 kilogram (kg)	= 1,000 g

METERS	YARDS	INCHES
1.000	1.093	39.37
.914	1.000	36.00

CENTIMETERS	INCHES	FEET
1.00	.394	.0328
2.54	1.000	1/12
30.48	12.000	1.000

KILOMETERS	MILES
1.000	.621
1.609	1.000

GRAMS	OUNCES	POUNDS
1.00	.035	.002
28.35	1.000	1/16
453.59	16.000	1.000
1,000.00	35.274	2.205

KILOGRAMS	OUNCES	POUNDS
1.000	35.274	2.205
.028	1.000	1/16
.454	16.000	1.000

LITERS	PINTS	QUARTS	GAL.
1.000	2.113	1.057	.264
.473	1.000	1/2	1/8
.946	2.000	1.000	1/4
3.785	8.000	4.000	1.000

8RIB7200

Kim's
cellular phone
927-3530

8LIA3VWI

