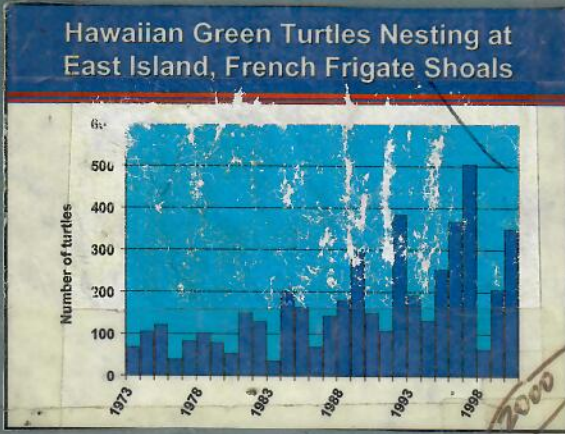


HTTP://balazs.it90.com/

(808)983-5733



BALAZS
2000-
2001



2000 Sept 14 - 2001
2000 - 2001



2001 CHEVROLET CORVETTE
2dr Coe

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



AA (508) 887-9402 home

KRF = ^{COABO}
6276

Denise (858) 546-5664
HOME - (760) 233-9644

Sean Lockerman
261-2145

MOP PAGER = 288-5685
MTRP " 287-7074

Go TO LANAI MAJOR TRIP *

MTRP cell = 286-2549
Alonso Cell = (508) 400-3034

1. Work - 541-3445
cell 554-6490
home - 247-6889
FAX - 541-5412

KRISTIN = 551-8658
NEW SHAWN Cell = 286-4359

ENC Beverly Honda = 944-7801

Regina Woodrum LUNA 559 286-4377
2440 Campus Rd #369
Honolulu 96822 957-1010

WINDWARD BOATS -
263-6030

Robert = 29
ASSIST MAnager

oasaplaya@aol.com

Mike Ellis -
TC =

Sean Lockerman = 384-7826
NORTH SHORE DINING = 637-7946

Richie Cell (305) 393-1688

MARC Rice home - 885-4965; HPA STRAND = 881-4200

JEFF POLOVINA - 983-5390

Seal line = 983-5715 + 226-0525 (760) 233-9644
Whale/Dolphin Strandings - 973-2937

Denise
1324 Wicken Pl
ESCONDIDO, CA
92027

SEAN LOCKERMAN = 261-2145
OBSERVER Program - 973-2938

Gil Martin Cell = 895-0393

NANCY and BRUCE - 637-0365
BOB BRAUN = Cell - 225-9389
page 252-9259

262-2125
326-4842 Kona!

Filescha Cell = 386-4367

JOCABE FAX 453-6789

Ursula &
Peter = 669-6915

DOMINIQUE Cell 927-2371
SHAWN Personal 220-5561

Doubletree
ALANA WAIKIKI 951-3112

Midway Phoenix Corp. www.midwayphoenix.com

National Brand
43-571
Made in USA

Dutton's Cell = (858) 735-3304 *COLLATION*
Office (858) 546-5636 HOME - (858) 689-1142

Laurie Allen = (301) 713-2239 EXT. 205

Skippy Haw 243-5834 office; HOME = 244-3894

Bob BRAUN - 225-9389 cell; home 263-8477

MCC PAGES = (893-3172) (893-3050) Jason

Tom Friel - 541-2729; cell 282-8557

Dr. Morris - 262-9621; home = 254-1740

DAVE ECHERT 587-0100; FAX 587-0115

Shandell Home = 545-3533

Joe ARCENEAUX 973-2935

Laurie Allen = (301) 713-2239 (EXT. 205) home

T. Work = 541-3445 cell 554-6490, 247-6889

Ron LU 732-7762

Lincoln Hall - 944-7816

Jennifer Schramm 808-599-5888 DIAL TONE 808-421-3330

Ken Niethammer " " 808-421-3315

hona Ag inspection 326-1077 Dr. Kenler DVM

Aloha Cargo Honolulu 836-4191 FAX 89-

Carla bk Museum 848-4198 7245

Jo Ann Pettigrew 637-3434

Jim Passon hona Scuba diver - 331-8939

Dean Bagley FAX = (407) 823-5769 TNE - 537-222-7131 4508

Blue MOHAWK 800-822-7368 BLUES

* Spraker = (970) 491-4155; FAX (970) 491-0320 HOME (970) 491-0669

952-8400 M.R. Valle dean of students Maryknoll HS 952-7215 FAX 952-7201

Rob Shallenberger FAX 541-1216 Ms. Chock = 262-9261 cell - 256-6002

SJK = (508) 661-9248

JOHN REGHI - Agent in charge NMFS-LE 541-2728

JEN KURANO = (253) 565-6025 Mother = " 565-6028

STAN BOND - 329-6881 EXT 203 FAX

U&P = (905) 826-6564

Sam Pooley 983-5320

NORA
PAGE

need

952-8400

office = 808-282-1142

Bob JUSTMAN 486-6657
2 Dawn Patterson 982-6094

Sally Beavers 329-6881 EXT 220 / FAX 329-2597 cell 989-8619
Suejin Huang 40 Milk Street #2, Westborough, MA 01581

Aloha (415) 378-6925 cell
1-800-367-5250

Everett Morris Fax (360) 638-2226
33-539 Hansville Rd. NE, Kingston, WA 98148

X Amy Wang - (409) 740-3899
DOMINIQUE CELL = 927-2371

Lucinda Knapman - WPRFM C

Pacific Dive (MAN) 667-5331

Nancy = 6151 Mountain Vista #2314 Henderson, NV 89014

HANNAH BERNARD cell - 276-1306

ALAN HONG PAGE - 540-6601 / 722-2142
Thierry Work Cell = 554-6490 (702) 450-4279

Lab-270-7034
Cell-276-8274
Home-878-3890
E-mail-jjj8888@aol.com

JOHN GORMAN
Tessa Banister
MIKE COYNE (301) 221-9952

YONAT 988-7153

NATIONAL Car Rental
800-227-7368

Jennifer Homcy
59-425 Kam Highway
Haleiwa, HI 96712
(808) 638-1126

Asaf
6/01

Ms. Dawn M. Patterson
HC 1 Box 5614
Keaau, HI 96749-9401

cell 989-5049
home 982-6094

Roger Kehler Khe
899-5777

Katy Garland
1720 West Kilbourn, #63
Milwaukee, WI 53233
USA
(414) 931-6686

18A - West Hawaii Today, Sunday, March 18, 2001

A SEA OF TURTLES:

Prosperity, Pride and Problems for Our Hawaiian Honu

Mr. George Balazs, NMFS turtle program leader, will narrate a slide show covering over 30 years of working and living with sea turtles throughout the Hawaiian Islands. Insights into the recurring question "Should turtles be eaten in Hawaii?" and a discussion of such topical subjects as turtle tumors, today's eco-tourism industry, research and conservation efforts will be covered.

FREE! REEF TALK at Kealahou High School Library
Thursday, March 22 from 6:30pm to 8:30pm.
(Previously Scheduled for March 20)

Contact UH Sea Grant at 329-2861 for more information.

JOHN PYE = Dawn's home
669-7580

cell 283-9714
home 984-3206
LEI YAMASKI =
256-3685

Midway Phoenix Corp. www.midwayphoenix.com

Rod (Lauren)

SARA PE

Elizabeth

Bill MCS. DEN

999

MOC
Kandy
MIL

Jim
(306)

PAN
SAT

STATOS
MCI

PO.
ANDY
Stan

DR. Bob Geo

King
MR

Joe, FL

-8619 Rod - m 261-2884 RICH=592-8304 TONY Palermo 688-2231
(Lauren) Jay April YANAT=592-2813
Lou Diliberto 573-1779 Maui

MAUI Alethea Konopa Jo Mitchell
LIA, Ali, Jason KAPOLTO Rental
(DAR) 965-7857

SARA PECK: 329-2861; home = 322-2266
Hawaii Kai Clinic Kaiser -
Elizabeth Sharp - home 422-7939
Sam Booley 983-5320

MRS. Roger & Mary Knoll - 952-7276
Bill DEVICK DAR 587-0110 → KATHERINE (secretary)
FAX 587-0115

999-9000
518 296 7927 2520 MIDWAY FWS
MOC - 270-7000

4800 Kandy's Repair, P.O. Box 12921 Lahaina HI 96761
Miller (808) 753-4110 Rob Shallenbeger, cell
Jim Wood RT. 7, Box 36A, Amacillo, TX zip =
(306) 622-0282. FAX (306) 622-2501

PANDA = 734-1961 P&O/OLIVE NOAA TRAVEL
(301) 413-3060 x 155
SATU TMC = (800) 736-9899 Press 2 LULU
ST

*FAX = (800) 840-8494 (877) 9059746
STATOS/NERA 800-563-2255 (ATT WORLD Connected)
MCI FTS CONFERENCING 1-877-855-4797
MAEUSAT 800-331-1140
Authorization Code 4664826V

B. Zimmerman
P.O. Box 136, Fort Collins, CO 80522
ANDY Ford - 974-6208
Stan Bond - 329-6881 #6

FAX 329-2597
DR. Bob George - cell (804) 815-1917; Vet (804) 693-3030
King Kan Hotel = 329-2911; Royal Kona Resort - 329-3111

MRS. Scherman 262-6200 FAX (713) 284-1334
Joe FLANAGAN = 888-748-1089 PAGE
329-6155-0241

4

Turtle Recovery Team Information

~~EAST Hawaii~~
Contact Information

MAUI

ALI Page =
893-3172

Pager 1: 327-7780
Pager 2: 327-7794
Pager 3: 327-7795

John Coney
Office: 974-7544
Pager: 899-1255
Home: 967-8092 (please think twice before dialing)
Four Winds Cell phone: 987-1340
Coney Cell phone (rarely on) 987-3590
Email: jconey@hawaii.edu

Lisa Canale
Phone: 968-6984 home
Email: canale@hawaii.edu

Rod Floro
Phone: 969-7769
Email: rodfloro@yahoo.com

Anne C. Ghiulamila
Phone: 969-7769
Backup number 329-2862 (grandmother)
Email: wahinepua@cs.com

Dr. Leon Hallacher
Office: 974-7544 or 974-7300
Email: leonh@hawaii.edu

George Balazs, Leader
Marine Turtle Research Program
National Marine Fisheries Service
SWFSC Honolulu Laboratory
2570 Dole St.
Honolulu, Hawaii 96822-2396 USA
Phone: 808-983-5733
Fax 808-983-2902
Office Cell phone 286-2899
Personal cell phone 808-271-5494
Email: gbalazs@honlab.nmfs.hawaii.edu
His assistants are 983-5730 (Shawn, Shandell)

MOP Student Coordinator
Jill Ley 965-1052, email jley@hawaii.edu
Jackie Holbrook

Other Contacts
DLNR-DOCAR, James, Andy Ford 974-6208 (enforcement)
After hours/weekends 0 for operator and ask for enterprise #5469



SSG Cody Hoover
732-0707 (home)
277-6481 (cell)

AA
Denise HOME
MOP
MTRP
MTRP

other strand numbers see p. 108

Alonso
KRISTINA
SHEA
Regina
2440 Camp
Honolulu
96822

Sean
NORTH
MAR

JEF
Page 9
white paper

S
OBSERV
Gil
NANCY
BO

Fi
DO

De

Midway Phoenix Corp. www.midwayphoenix.com

DONNA
cell 283-3423
Home 669-7580

PUNALUU
GIFT
SHOP
928-8439

GUY
JULIE
- Mrs. ENRIQUES

Kim Ikemoto home - 235-4704
POINTLAB - 236-7440 P.99



95-1048 B Ainamakua Drive
Millilani HI 96789-4345
My phone numbers (in case you forgot) are:
(home) 626-2912
(work) 395-5840
(cell) 258-0686
Kimberly AP-TITA



Jaw_tumor_Nshoresurgery.JPG



ATM 10/99 MAC



*Hawaiian Vacations
800-770-2700*

2455 Thurs. SLP Y2000 Dead - Gregg necropsy, IMM

MIDWAY FWS FAX 599-3914

have
IN AZ
TISSUES

14-15
Thurs. Friday

11/26/01 Gregg Levine 858-0054 page
569-9673

AD 11/26/01 ~~ABSE~~ FLEMING Beach Maui Nest #/
Hatched shells = 1, 3 = 4 690 emerged 9/26/01

EEM = IIII = 4 690 excavated 9/28/01

Mid EM = IIII = 7 1090

LATE EM = IIII IIII IIII IIII IIII IIII IIII IIII = 47 70%
1-albino

Hatched/hatchings = 8
emerged 9/26/01; excavated 9/28/01 TOTAL = 67

No sign of development = IIII = 5 790

47, 43, 47, 45, 46, 48, 40, 49, 46 } = 15
47, 45, 49, 48, 51, 411

shelled embryos
34 saved for genetics
for genetics

20
47

67
47

114
5

119
52

171
67

12-12-01
Yvette = 965-4026
933-3907
w/teashed catapods -
potulons

KYRA
310

URINE

9/14/00
145PM

+ collect
urine

Gregg
9-15-01
Need

Gregg
NAC

Wtz =

TWORK?
Mike Coyne
25-30 Sept

Habitat
Characterization
Hanshaw
1993
2003

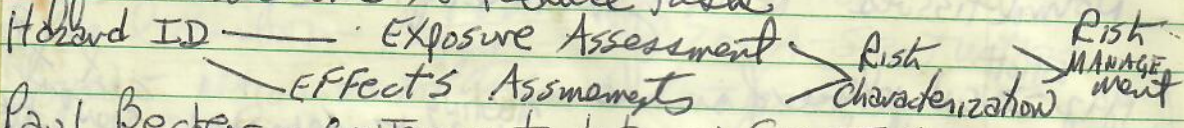
Charleston,
S. Carolina

14-15 September 2000
Thurs. Friday Workshop on Sea Turtle Health Assessment

Presentations - Lori Schwache - Population Level Risk Assessment

URINE

"The process of assigning magnitudes and probabilities to adverse effects related to a particular hazard."
"In order to intervene, we must determine most effective actions to reduce risk."



9/14/00 Paul Becker - Contaminants data on Sea Turtles
145pm Group - Disease Pathology
Bruce Homer, Greg Bossard, Jan Lansberg, Larry Herbert, GHB

x collect urine

Thymus - look at - Reduction in mass for chronic ill animals,
Larry turtles presented at clinic - Clostridium circulating spores
Blood cultures - "normal" wild turtles. GB
What Anaerobes are floating around? Bruce Homer
Joe Flanagan - Texas - carcass sinking - floating.
- Necropsy Manual - Need

Greg - "vitrius" humor for estimating "time of death" (done in humans)
9-15 of Friday - can it be used? humans/whales
Need - TO AA, Repitts - U&P abstracts - Immunology etc. Also to Bruce Homer.
Regression - Toho etc.

Gregg - QADE veterinary labs - diagnostics "quality control program" in line? Bob Morris?
MAC Lab that has a clinical pathologists with an interest in sea turtle blood.
N. Carolina Florida blood analyses
focus on populations.

Wtz = "Seasonal and special changes in histo"

3190 NOTHING
48/15.9 (NO TRANSMISSIONS)
14/60

BACK TATTOO of turtle - from skin deep
Michelle Lee 3 years Hawaii
270-B Meeting St.
Charleston, SC 29401

amichelle.lee@hotmail.com

sent
need to send

Gordon Gray
Vanessa etc.
need to send

9-15-08 "LOOK AT (veine) - can be pesticides, liver function, Friday can get a lot of data from it."

How to collect (need)

Physiology/Immunology Group - Hemocrit changes - Day/Night 15-25
Jennifer Kelleher Immunology
Normal tissues - necropsy of place of native hunt.

2. H Elliott
1992 - IVCN release of animals
"Chelonian Heritage" -
"Calculated Risk"

meeting in 2 weeks orlando
SLP Relevant?
FP turtle Relevant?

9-16-08 AM breakfast meeting (Town & Country Inn - Charleston) w Dave Owens, wife Milli and BTS.
Depart 11:00am TO Dulles VA Honolulu
NOS = 219 Fort Johnson Rd, Charleston 29412-9110

9/15 Friday Jan Thiery Liz Fairley Tod Leighfield@noaa.gov (Fani's worker)
met about blood dot test and OA Ciguatera analysis of kidney or liver.

send Liz Tod appointment of Reprints.

Dave Owens = Amazing resistance to infection / reusability
Jacobson = just as sensitive as any other animal but takes longer to die (due to his bias of working with only captive animals?)
need PCR exchange need new PCR

Tissues for Biotoxin?

- 9/20
1
2
3
4

9/20
Mam
Loggers
need to send men graphics

Gordon Gray left
Vanessa etc.
Need to send Assortment

Jennifer Keller
135 Duke Marine Lab Road
Beaufort, NC 28516
(252) 504-7625

JMJ3@duke.edu
Yvette - adds 5ml
Jan 10ml
Lanakea - stay all day
+ video, digital, etc. 9

Need - Fedex Laurie
Bollen Report Azores
- Renewal Abstract Symposium

Herbert - send him a turtle for necropsy, crop
Helen Gillette Box 1352, PAIA, HI 96779

hosted by me at HZ

19-21 Sept. 00 "Workshop on Sea Turtle Research" Biology

Stan since 1997 PAI
Pearl Harbor - Peggy - ARIZONA - Sea Turtles
Gordon Joyce - Myas visitor Attraction - basking
Dog chasing

"Don't give them any excuses"

Targeted brochure parts Sea turtles
+ Adaptive management - signs Test them

TISSUES FOR BIOTOXIN

- 9/21/00 TW Halawa necropsis w/ NPS
- 1 Nohia V541 Puako ID 8-10-00 A Jim P. + LFF Perry reserved
- 2 7-6-00 Puako JONATHAN DITTO
- 3 7-19-00 Kukio Bay, HI Mike Byrnes
- 4 8-17-00 Honanuan Bay John Kaluan

NAME = STAN BORD JOYCE
GORDON PEGGY

9/20/00 KANEIHE BAY 7 from NPS by Island
Logger 17501 Reef 43 + TW + Shandell

1 capture - Anapala's reef, only
Many seen - KAPAPA Choy, Reef 42-043 2-3 w/turnover
by herb TS2

Loggers
Dobbie Chan. 696-5364 577-7801

need to send her graphics

Replacements - Set for every 2 hours =

PIAD Account
code OFR5010
10 observer
8L2BLNY

Need ^{ERIC} Dennis MO Molokai Stephanie
558-8362
858 792-1554 San Diego
98.0
22.3
16.9
137.2

DAB 9

* Need - List of project for 2000 need/cost for FY 01 (147,210)

need
9/23 Student 8th grade 239-7424 > 239pm
Public + Fellow workers 47163 WIU St Standing - Ho K
Add - Friendly helpful spirit, eagerness to learn new skills / square High Scores
- Probation period

Need
KBAY

Elliott FAX = (352) 392-6125
Maha Report, Q & A & 6/12/2000 SLP minutes,
AZI KONOPA JASON
KERBER

25 Sept. 0 of visit Maui 1) MOP MCC strand train
Monday 2) Glynnis/Skippy high alt. today +
9/23 hawk skill nesting 3) MOC 6 SLP
twines - pit, oral exam, eye photos
LIA HANNA
Excavated am wed 9/27

Need
could

San Diego
ERIC MO = Telecon 9/26/00 (858) 792-1554

Re Bill, hawk nest. He left shortly after capture - went to just see it (at party) while was on its back.

Need
EMAIL
introduce
to button



Ives
32 years

Samoa

Never
say - no
tag tip

Tele

Relo
M

RH

8.0
2.3
6.9
7.2

DAB 9-24 Sunday 9:40 am
SHARON FIRST DENVER → MP Desk → Sharon Electronic Ticket
VA R67HWU | 5 Oct. FL5145 PS LA 545am 7B
17 Oct FL54 → LA 41F 53 815M → 11

Date: Mon, 4 Sep 2000 20:37:53 -0700
From: Beth Flint@r1.fws.gov
To: gbalaz@honlab.nmfs.hawaii.edu
Subject: turtle report from the north shore

Hi George,

This was passed to me by Donna Stoval at our Oahu Refuge and I thought you might like it for your turtle anecdote collection. Donna was called by someone named Bart on 14th or 15th of August. His number is 575-4212. He said he was on the beach near the Foremost dairy farm near the public right of way near Chun's reef and Kalaloa St. when around sunset he saw "loads of big turtles on the beach" He said there were ~100 turtles, 9 within spitting distance"

Donna said he was a local observer familiar with turtles.

I'm off for a month to the NWHI (Nihoa, Necker, FFS, and Kure) Have a good September!

Aloha, Beth

✓ Assess 2
office =
956-4881

home -
952-0035

Need

Ives
32 years

Guy Enriquez 928-0505; 974-7364
BOBBY-JO Naboa 929-7197
"Since 10 years olds, turtle clamped on recently - pulls pants off old generations. Caving-in shell RH - not using. NO blood - no puss - shell soft. size

Samtha
BJ

Never say tag #

200lbs head to tail 3'
"ANGEL" She will read tag and phone it to me
Tom Friel office 541-2729; cell 282-8557

Jacob - Senator Levine
586-6938, need milked

Release KAWAUNI, KAIUA BA

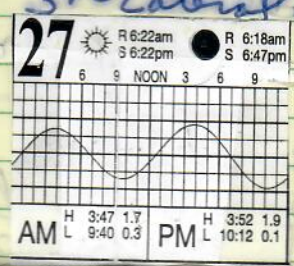
LH 502E24586D

ID 8-24-00 A
SCL 63.7 CCL 67.5

RH 500C4D6253

wt = 65.3 lbs
"6D" new molted L&R
3rd Lateral

Numerous turtles seen
(2-3 photos)
feeding - both up
in shallows
front Michael W.
Perry home



12
9/22/00
Friday

New
502E63480D
500F20427A

ID=9-4-00

Haleiwa 3 Tumors
cryofreeze
3 photos into Album

Transferred to Y. Swimmer / R. Brill
Tether attached Quick-Fix ERM
KRF

9/22 ~~Thu~~ ~~14~~ Kamehame transferred to Seal Tank
ID 8-10-00
KRF

9/29 need signs N. Shore - people harass turtles -
ERIN Higgins P.O. Box 55, Waialua HI
96791, Tel. 637-4755

Cunch with Brian Allen from O'Gara me lggers and juv. surr sample
from ^{OSFWS} ^{ACA} ^{Monday} ^{Food Court} ^{Points = 3} Contaminant study - Fish Caught

27 Sept 2000 Excavation Mikei GT nest #

Hatched shells	EEM	MID EEM	Late EEM	Hatched
17 (3 likely dead 11 hatch)	3	56	1	17 (3 likely detail develop 1 in shell - 2
14 dead hatchlings = 13	56 00's see SHIPPY Hav			

94/113
49 or 48 NO sign pellet, all dry-shrunk
must have been small
for DNA for diet

4 early dev 6 late dev 4 mid level = 14
47
61
24
3
1
3
17
5
85
x 94
H the same

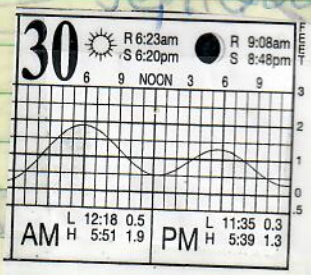
Necropsies in A2 IDs

- 9-16-00 A Malakohana (photo RRF strangle)
- 09-20-00 bellows
- 8-31-00 Kaneohe beach park
- 9-28-00 KMCB octopus in stomach
- 9-24-00 R797 RFL (no other toys seen) 64.0 TS3 food missing
- ID 9-27-00 RRF on turtle
- ID 7-29-00 ENA photo tongue

TO San Diego
 10/31 FL: 755pm U.A
 11/5 FL: 1230 469.

Midway 11/11 1/18 Midway - Aloha
 Take Smeal gear

SEPT 2000



Dolphin Quest

30 Sept 00 "Dolphin Day for Teachers 2000"
 Saturday Waikoloa, Waikoloa Hilton - Big IS.

Diane Sweeney - Pilot program at Waikoloa Elementary
 "Jay Sweeney" Turtle Trek "20 Children's
 Habitat based" (20) Children's Charge - 1 3/4 hr
 MAINE LIFE - Sponsorships Available + Volunteer Program
 Co Ray Stone

"We are touching hearts & Minds" Founder Jc Sweeney - vet
 - clay - Galen Toothed 1984

Kristi West - 2 blowholes; are hole
 Aerial surveys - how many of which species
 of obstructions on ashw? Daniela Feinholz

SSG

Robin - suction cup traps (TDE/VHF)
 (beard)

Joe Mobley et al, 1999 1993 = 2,700 humpback
 1998 = 3,800 "

DRAFT KIHEI NEST #1 (27 September 2000)
 Latitude: 20° 46' 04" N Longitude: 156° 27' 42" W
 EMERGENCE: Not seen
 EXCAVATION: Wednesday 27 September 2000 (Day 72)

SUMMARY
 Excavation by Steve Williams, Glynnis Nakai, & Skippy Hau (07:27 - 08:10)
 Data Recorded by Glynnis

Nest diameter about 5 feet; depth variable; egg shell located on surface;
 loose sand on dune; roots appear to be coming up from below

Previously Collected

DRIED FULL EGGS	9
EMPTY SHELLS	64
PARTIAL DEVELOPMENT	13
DEAD IN SHELL (hatchling exposed)	3
DEAD HATCHLING	1

ESTIMATED TOTAL 92 (12/92=13%)

See p. 59-61
 See this book
 EARLY July
 MORNING NOISE
 + some birds
 Need to make fast

Hi Shawn, each student employee gets a flat \$57 stipend per pay period for being on call, whether they go out or not. The hourly rate for initial hires is \$7.60/hr (241 scale), though Filiesha has been employed so long she's been bumped up to \$8.25/hr (A43 scale). All real hours of performance will be adjusted to standard pay rates, and rates for weekend holiday, or nighttime differentials will not apply. Students are compensated for time spent during response to strandings, which includes transportation either way...time spent preparing and maintaining equipment (example: repairs to issued cell phone)...and for mileage. Mileage includes stranding response miles and miles used transferring equipment to other responder. Mileage compensation rate is figured by "miles times 0.32 divided by hourly rate." Hope this helps,

STAND
Board
Schedule

Coli Res
Telecom Hoffman
Nancy LH
4136 91C

Doc Age FAT
Need in October
30 KALobro

1670
1797
10/5
Thursday
need
ID
IN

Moto
42
Midway

3 OCTOBER ~~00~~ K B Ay SE TW, GB
TUESDAY AOC = 2, AR = 1, R42 = 3
TO KRF Reef 42 NOTMR, NOTMR

Moto tool = "3F" TS I 60.5 SCL 72 lbs TW (KRF previous "Control" of)
ID "5A" TS 2 63.7 SCL 77.8 lbs
ID "2B" TS I 73.7 145 lbs

10/6
Friday
10/12
Fede

need
Chris Mulbe(?) EM2 planning 973-2935 ext. 214

10-4 Telecom John Sandor 44-135 Kahunani Way
K Bay end Kaneohe 96744 235-4829
Sart Kuloa - belly up - Large eye tumor 1/3 size of head.
Barnacles, fresh.

Need
ERIC HILL 587-0380 DLNR Cons. Zoning

10/12
13 OCT
Friday
10/13
need

10/10 TUESDAY 2:05pm Conference call w/ PIAO Marilyn Lupold, Rebecca Kent, John Chris Popp, Don Boyer, John Henderson, Kurt,

17-22
TUES PM

Date: Mon, 25 Sep 2000 14:37:11 GMT
From: Lena Börjesson <vrolapa@hotmail.com>
To: gbalazs@honlab.nmfs.hawaii.edu
Subject: Article arrived

Dear George,
That was a nice article you sent, it seems to me that a fair amount of newspaper articles are being produced on sea turtles in Hawaii.

By the way, have you had time to check out the Scherman residence after dark, to see with your own eyes the abundance of sea turtles that have crawled out of the water to rest along the canal? It looked amazing.
Aloha, Lena

10/17 1000 - with Bob Morris
Therapy Work - Examined
Marshall Is. Turtle -
Small SLP turtle 1999
CCL =
CCL =
CCL =
A few birds
Bob + blood taken both soft palate.
RBC = Marshall to me.

Marshall Turtle - scales peeling, but all now underneath. A few birds
SLP first seen are! Then NOT seen!
RBC = Marshall to me.

Voice M
10/16

10/5 Thursday Marlena Johns Capakahi 885-4303

15

needs ~~IN~~ Brad > 895-2506 - Swan out - ^{STAND CASE}
Suzie telecon Basketball orange float
A bay. 150 lbs. turtle tangled not caught on bottom.

Sherry = up/gt C.C.?
Andrea = gt C.C.?

DAN AKANA call/voice mail

10/6 Friday Reef Elbvagen G43-11393 Todd Capen
met w/ Russell 388-5851
re wreckless driving, Tail Gating.

10/12 Fedexed ^{2 bags} K 296 - ^{deied} Chebinbia ^{and matted} + leech eggs TO ^{Good} ~~no~~ ^{releases} 1980
TO Bill Newman / Arnold.

10/12 Chui's Reef - Signs put up, - 2 photos taken
back to back

13 OCTOBER 00 KITHOLO SEATURTLE CAM II
Friday Re-installation

10/13 ~~need~~ Kattie "ursula" website wants into Hanuavangans.
(425) 868-9488
Voice MAIL

Paul & Dad Faye MANSHO ^{Holiday Inn} (301) 589-0800
17-22 OCTOBER 2000 SILVER SPRING - WASH. DC
TUES PM - SUNDAY PM JA = found ^{lost 831-522} 10/19 NOAA Benze Metal
AWARD Ceremony ^{at UNIV.} Maryland.

10/13 Voice Mail 639-2240 Gregg Winston - Ukithi Toa Plool recovery
Kawai J - Referred to Steve KOLINSI but

10/16 Monday - ^{Glynn's skip} EXCORATED ^{she emailed} KAHANA g.t. nest #1. NO ANSWER

Bureau of Engraving & Printing (202) 874 3019 Press 3

Smithsonian Metrostop Independence Ave Exit 14 & C Streets

9Am - 1040pm 1Pm - 140pm
8Am - 2Pm Tickets (same day only)
RAJ waiting he (15 min)

Scott Henderson 523-5196

~~Maria~~ HE ^{swamp} ready 327-4751 Fibros
need MAILING ADDRESS =

Telecom LUCINDA Kimsel
454 ONEAWA St.
KAILUA 96734



10/24
Sent

Kevin
Tom Swenerton
(Joe, Jeremy, Lewis)



10/25 digital for Ron's Prints also taken
Wed ID ID 22-00 EU HAWAII
forget wts
organ wts
and urine!
Ron LV Trigenium/Gaston"
Sandra cheng Tech =

piece of spleen taken

EMILY Schaffer tel 263-1026
5 Eugene 39 Kaiholu street
Mill Valley, CA 94941 Kailua, HI
Kailua Beach - site = 96734

10/26
4.5cm SCL; 3.7SCW; 4.7 CCL
RFF missing

10/26 ^{Telecom} Kevin Foster - 541-344 - FWS
Re BO seabirds night sets

~~Flippers cut off - 689-3076 "Cybe"~~
~~Buried carcass~~
I heard it Saturday
"Friday 10/23 am"

20th
9th
Midway
Lena
NOV
DEC
JAN
10-3
10/3
tuesd
10/2
OA
Need
Kailua
need
10/30
refere
11/1/05
Wednesd
10-2

20th In Dec. GCB
9th TW

PANDA 734-1961

Need -
Sacrifice 2 new transmitters
constant run to determine
how transmission numbers
match up with company claims.
Controlled drain of ST 10
in office to determine % battery
remaining.

Midway 62" L x W x H
70 lbs - Many
as needed.
Lenny GOEL (80P) 599-5400
Billy Shifflet
2nd 3rd 4th

Refurbish

104 Hours
NOV = 8th Wed; 9th THURS; 24th FRIDAY; 28th TUES; 30th THURS.
DEC = 12th TUES; 14th THURS; 20th Wed; 21st THURS; 26th TUES.
JAN 01 3rd TUES; 8th MON; 9th TUES.

Monday 10-30 - ~~00~~ KALOH Owendego ^{St. Anns Blvd}
T. work 5 ord subs
10 Blood culture

Tuesday 10/31 Fedex # 8215-1157-9752
34 lbs

to Todd Leighfield, (843) 762-8630
NOAA NOS Charleston.

OA Fedex 8204-6263-8183
ID 2474 SAR waffer
" 24752 SAR "

TO Denis
for ETP Dutton
flosserheads
hopefully

Need to reach
Examine excavate *

ID code 2419, Refurbish
IT

266 = TW
2,785 TO 9/9000

Need some mail
10/30 LISAMarie 384-7582
referred from Rainbow Hilton II

11/1/00 Bellows - live hawkbill hatchling
Wednesday TO MAC. Dead overnight - frozen.

Admin Report - 00-06
P. to ... w/ McCracken
Need Algae
I.D. 501200
2/1/00

10-26-00 SKM Nursery of Frozen Turtles
Ad

18

Observer Training

Wednesday

- 1 Jessica Phelps minus83@hotmail.com
- 2 Enka Wasner mountain-chicken@hotmail.com
- 3 Sherrie Bain itajara21@hotmail.com
- 4 Tara Schoenwetter taraschoenwetter@hotmail.com
- 5 Joe Barnes joesentab@hotmail.com
- 6 Vida Yap vida.yap@aol.com
- 7 DAVID SPENCE dss2141@tamug.tamu.edu
- 8 Nathan Gauthier nathangauthier@hotmail.com
- 9 COLBY BRADY HAPTERA@HOTMAIL.COM
- 10 Tim Kob
- 11 Seung H. Suk chad111@JUNO.COM
- 12 Kevin Boswell Mahalos@hotmail.com
- 13 Vu-Bang Nguyen VubangNguyen@hotmail.com
- 14 James Troutman Troutj64@hotmail.com
- 15 LUCIE WEIS ljweis@hotmail.com
- 16 Nicholas Hopkins nobbins@hotmail.com
- 17 Leah Harman Sandle@bigfoot.com
- 18 Chad Landrum Chadlandrum@hotmail.com
- 19 Thorpe Halloran MAHIMAH1@hotmail.com
- 20 Jalynda Mckay jalynda@hotmail.com
- 21 Jason Vestre jasonvestre@hotmail.com

read EMAIL

All of THEM

2. H

11/11 Thurs

- 1) ID'S IN manual - drawing
- 2) Weekend arrival - samples - dead turtles
- 3) Wt. dead turtles

Need A Checklist TO TAKE IN-hand TO all necropsies:

- 1) Weigh ORGANS
- 2) WHOLE EYES TAKE ^{PHOTOS}
- 3) WHOLE ORAL TAKE ^{PHOTOS}
- 4) Soft palate biopsy HISTO
- 5) Blood DOTS
- 6) Call Bob LU ^{INVITE}
- 7) MORE ORGANS etc for ultra low
- 8) Call Bob Morris ^{INVITE}



11/1 wed - Live strand - Kawela Bay ^{TO MAC} 53cm ccl
 11/2 Thurs - Live strand - Haleiwa ^{TO MAC}

North Shore Divers

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 PERSONAL TOURS
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 TURTLE DIVES
 NIGHT DIVES

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Symposium Denise ORAZ

Date: Thu, 09 Nov 2000 13:47:13 -0800
 From: Denise Parker <dparker@gilj.ucsd.edu>
 To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: What I am sending - abstract - post-hooking

Post-hooking survival of sea turtles taken by pelagic longline fishing in the North Pacific
 Denise M. Parker, George H. Balazs, Shawn K. K. Murakawa, and Jeffrey P. Polovina

The post-hooking survival of sea turtles captured in longline fisheries is important for management and conservation of sea turtles worldwide. Observers of National Marine Fisheries Service have attached a total of 54 satellite transmitters to pelagic loggerhead, olive ridley, and green turtles taken alive as by-catch in the North Pacific Ocean by the Hawaiian longline fishery from 1997-mid 2000. A study of the post-hooking survival of these turtles was undertaken to determine if there were differences between turtles that were lightly hooked and those that had deep ingested hooks. This paper reports the results of transmission times and distances traveled, comparing deeply and lightly hooked turtles by species and for all species combined.

GET need = 20
Leatherback eye BTUS!
* Need Zoo - are waited to him?

GMB = 459
JMP = 175

Parker, Balazs, Polovina and Murakawa

La Jolla

Need - A@
Vehicle - leatherback
Midway size =
Atlas

Post-hooking survival of sea turtles taken by pelagic long line fishing in the North Pacific

11/2/01
Thursda

Balazs, Rice, Murakawa, Parker

Green turtle foraging and resting habitats at Midway Islands: Significant findings over 25 years 1975-2000.

heavily modified 1988 NW design 1100 from HAWAII 177°22'W 28°11'N

Balazs, Nakai, Hau, Grady and Gilmartin
Year 2000 nesting of a captive-reared Hawaiian green turtle tagged and released as a yearling [in 1981]

Year 2000 nesting of a captive-reared Hawaiian green turtle tagged and released as a yearling
Balazs
Nakai
Hau
Grady
Gilmartin
Turtle
5690
This paper gives the case history of a hatchling green turtle from French Frigate Shoals raised in captivity and released in 1981 near Hilo, Hawaii as a 22 cm SCL yearling. The turtle, identified by tag 5690 applied to a front flipper in 1981, was subsequently documented nesting along the south shore of Maui during the summer of 2000. Analysis of nest contents provided data on the production of hatchlings. There are very few long term records of "head-started" green turtles in the wild resighted as reproductive adults. The saga of turtle 5690 provides an interesting and valuable addition to this element of sea turtle biology and controversial conservation.

BARTO
NORM, TILL
DON KNOW
Phil = Pol
Tillman =
Decrease
Lours =
"We ha
JAW = "A
Boggs =
> 1 pm

5.6 Mitige
5 Million
209-5162
Me - (1)
Workshop Meet
Workshop Meet
w/ Pacific
2. Strand
3. Medit
Cave
Feeds to
4. D.C. head
FRID
5. A

La Jolla

wise need Collaborate or Die

SWFSC Sea Turtle Strategic Research Planning

21

11/2/00
Thursday

La Jolla leatherbacks need
9 AM - Charles - Applied Research / Litigation
Mike Laws - Funding process? what now?

what is it?

Health status - Fib leatherback Recovery plan

FWS #6 → 16K leatherback Mexico

"fish & H" + 25K wildlife foundation

BARTO NORM, Tillman, Dutton, ~~Steggen~~, Steve Kelly, Brill, Kamella, Tim Price, Lecky, P. Williams, Dick Neal

DON Knowles, JAW, BAS, Laws, Boggs

Phil = Politics / Planning / Research (all linked)

Tillman = "EXPORT Technology" Clean fishing

Decrease interactions vs post-hooking estimates

Laws = "Fishmen participate to help solve the problem" Involve the Industry

"We have to be clever enough to work with them"

JAW = "Aerial Surveys"; Tillman = "Cryptic kill"

Boggs = Pew Foundation, Eco-sys context "Sloan foundation"

> 1 pm Conservation Nesting Beaches Nesting Beach protection in Mexico

3 key beaches (conservation and protections - females & nests)

"funding commitment thru 02" RPS

- Costa Rica - Preliminary Indonesia

Guatemala Nicaragua

5% TO NOW 60% SURVIVING

Mitigation & Habitat Project - Mike Laws "POPPS" - at sea LL, Resq vessels & nesting beaches

5 Million - observers - used up in a year = Charles; # 1.2M in budget - Phil

JAW - "TURTLEM POPPY simulator"

Me - (1) Workshop Meetings

(2) Export Aerial w/ Phil

(3) Stand up Medical

(4) Carl

(5) D.C. needs to be in

Work - flesh out - health Assess leatherback Mexico Beaches 2 D.C. new op spec = ?

400k = 200k salaries, 200k hardware (Laws)

"Bleeding edge"

Chris & Gedi high seas drifting aggregation

Day 2 20% Coverage

Friday 12/01 Contract observers 2M

Autulake

22

11/2/00
~~Friday~~

Quite a bit of time

MD - Grand camp.

J hook, offset J, & Circle hook - Azores.

END DEC.

Wayne Perryman - frontal system - "Aerial" imaging.
Jim Leamy - Support Management

> 1 PM

HARD Shelled

Raise leatherbacks

Send email same as fisher tagging print Application

"Solution" Blue eye

Tillman - "dWine"

Nesting Beach for FP (MX)

nesting Beach Monitoring HI gt

" for FP

Stranding Res. salvage Rehab gt, hawk, l.o. C.e.

Medical care (T)

Pop. Model for HI gt

TurtSim gt HI

Health Assess FP

IN-water Research HI

Virus Etiology gt, C.O. l.o

Destruction of habitat All species (sat. tel.) (T)

Habitat & FP impacts

Capacity Build (T)

Pacific IS. & Rim

Community outreach HI (T)

"The reality of the world we live in" Fisheries" DON Knowles.

Stock Assess - IN water CMMI
Trends

Nice to see another - prof colleague
MINDS were made up before hand

Subject: t-test results for surface counter data

I did the t-test between the 9 light and 9 deep hooked turtles that we had surface counter data for and there was no significant difference between the means for this..
light = 30% time on surface
deep = 34% time on surface
P > 0.05

11/6
1960
1959
2412
195
195
195
195
1959
2412
2412
1959
2412
195
1960
1958
1959

Midway needs - wet suit gear - thicker stuff TRY ON NEW SUIT(S)
 1248 WILHELMINA RISE 2-96816
 Lisa Marie - 384-7582 (The Hawk Project = 732-4668)
 ERIC KO (PSP) 792-1554

Sony 800 = Results? TRV 900 digital

Miguel - Sat Tracks; Polovina ^{done} surfacing counting; ^{peel} Twitter B. ^{Dennis} ^{Benway}
 Old RPS - # Fy 00

MAC Pandolfi gone 13-21 Nov. call DE MORRIS Home.
 11/6/00 MAC FU ID 11-1-98 by Bob Morris;
 Monday TO A2 Bob Rayner & ^{recessional} Kawela Bay
 Leon
 11/6 Major Lynn Parr 259-4215 FAX 259-4227
 Bellows AFS Me: contact net offshore. "Kim"
 C.c.

ID	Hook STATUS	Months	Distance, km	
19604_98	L	1.7	73(?)	low data
24182_97	L	2.2	1703	
19585 STD	L N=6	3.0	1311	
19590 STD	L	3.5	2001	
19580 STD	L	3.9	2592	
19599 STD	L	6.9	3136	
24184 STD	D	1.4	989	low
19601_98	D	1.4	935	low
19602_99	D	1.7	1024	low
24181_97	D N=11	1.8	1013	
24185_98	D	2.4	1442	
19594 STD	D	3.5	1876	
24179_99	D	4.4	1727	
19582 STD	D	4.5	3480	
19606_98	D	5.3	2448	low
19586 STD	D	5.9	5199	
19598 STD	D	6.4	3492	

length 1/23-1/24
24
CNY
Feb 10 sacrifice

Arrive Feb 24
PM 24th night
SAT 0

25 26 27 28 29
② ③ ④ ⑤
depart Thursday

L.O.

ID	HOOK STATUS	MONTHS	DISTANCE
19589 SD	L	1.3	880
19595 STD	L N=3	2.1	2318
19592 STD	L	7.3	4968
19588 STD	D	2.7	1700
19584 SD	D N=3	6.4	7282
19603-99	D	7.4	3595
	C.m. L N=1	8.2	2223

Low

6700 sparse (Low)

24186-98

TOTAL
N=10
N=14

27 TOTAL

24

+3 too short

Date: Wed, 8 Nov
From: "George H. Balazs"
To: John Naughton
Subject: Re: LA

John, the story

This is one of the details after a few to

In 1980 NMFS BI for a year of c to test the "li auto-grafts bel completion of t liquidated/rele standard "HIMS" on 9/11/81 to H Center. Turtle about 6 lbs. T 20% of them) ha never been seen

Great story, is at 505 with Glyc a photo of the quite sure when astute observer and there is mor

Since there are this history, I me know if that

Aloha, George

Date: Wed, 8 Nov 2000 11:33:58 -1000 (HST)
From: "George H. Balazs" <gbalazs@hnlab.nmfs.hawaii.edu>
To: Denise Parker <dparker@glj.ucsd.edu>
Subject: Apologies... (fwd)

Just spoke with Jeff about this. Am mailing you a set of the graphics for each turtle (as per below).
He agreed about ending up with 9 deep 9 light. Maybe an analysis t test means of last 30 days (and even last 60 days). Look them over when you get in the mail and then later we can talk. In the meantime Jeff will think more as to what other analysis might also be applicable. Aloha, George

----- Forwarded message -----
Date: Tue, 7 Nov 2000 08:51:33 -1000 (HST)
From: George H. Balazs <gbalazs@hnlab.nmfs.hawaii.edu>
To: Jeff Polovina <jpolovin@hnlab.nmfs.hawaii.edu>
Cc: Denise Parker <dparker@glj.ucsd.edu>
Subject: Apologies..

surface counter

..for not getting to your office yesterday p.m. First day back for me is always insane, too much backlog. I'll bring you copies of everything from the LaMolla "planning" session when I get there later this a.m.

Re Surface Count data. We've come this far. We needed to. The data are there, I'd be remiss to not do all possible to extract it. Then have a smart fellow with analytical powers to take a look. Your graphics were very helpful. I've had them now for many weeks, pulling out every so often thinking what to recommend. There are 27 turtles represented. But three were only .2, .4 and .4 months and even for the short time covered the data were sparse. I excluded them from my thinking. That left 24, 10 lightly hooked and 14 deep hooked. But one of the 10 light, and 5 of the 14 deep had very sparse data. So I excluded them also, leaving 9 lightly hooked, and 9 deep hooked. (=5 C.C. & 3 L.O. & 1 C.m. Light; 7 C.C & 2 L.O. Deep).

The id's for the 9 Light are:

- 24183_97 (C.C.)
- 19585
- 19590
- 19580
- 19599
- 19589 (L.O.)
- 19595
- 19592
- 24186_98 (C.m.)

The id's for the 9 Deep are:

- 24181_97 (C.C.)
- 24185_98
- 19594
- 24179
- 19582
- 19586
- 19598
- 19568 (L.O.)
- 19584

hook 5 and 5
Covetta comparisons
OR: Aloha, George
were less than 60 days (2.0 months) to the telemetry.

So here's what I propose, after coming this far. Let's go the last few yards and see what if anything it shows. Run some analysis on these two groups. For the last 30 days to "standardize." What analysis I don't know, but feel certain there something you can do/suggest. If Denise can do it in SAS, then pass back to her to lessen your burden. Note I've recommended the last 30 days because biologically that "seems" more applicable than 60 days. But I could be mistaken. Also, for six of the above animals there

WITH ALONGSIDE
ROY
11-11-00
11-11-00

st
5c

Send JOANN ZELAY A (Brown)
Box 1073
Kaneohe 96744
235-4731

Bob Kern - Costco w/turtle
943-9241. Photographer
25

Send ELISA JONDEIRA Lyman House Memorial Museum
276 Haul St Hilo 96720 935-5021, FAX 969-7685

Midway MATEA (B) 351-2883

Agnes Mantel - HPW Turtle report
+ Jessica Escobar 55 S. Kukui St, #3207
HONO HI 96813

Harry Eggers 242-6392 Maui News
Glynnis = 875-1582 Skippy = 243-5294

Date: Wed, 8 Nov 2000 10:12:53 -1000 (HST)
From: "George H. Balazs" <gbalazs@hnlab.nmfs.hawaii.edu>
To: John Naughton <john.naughton@noaa.gov>
Subject: Re: LAST NIGHT'S NESTING... Turtle Nesting on The 23rd of Aug. 2000 (fwd)

John, the story of 5690, as promised. Good to talk to you. George
5690

This is one of those amazing tag recoveries that one always hopes for after a few to three decades of sticking with turtle tagging! An overview of the details are as follows:
In 1980 NMFS Bill and I brought about 230 hatchlings to Honolulu from FFS for a year of captive rearing contracted to Sea Life Park. The purpose was to test the "living tag" method of marking hatchlings by doing small auto-grafts belly to back, and back to belly. After a year and the completion of the study, there were about 175 surviving turtles to be liquidated/released. All were tagged with Inconel 681 tags having the standard "HIMB Univ Hawaii" address. 25 here taken by Balazs via USCG C130 on 9/11/81 to Hilo where, at 1230pm, I let them go at Richardson Ocean Center. Turtle 5690 was one of them, it measured 22cm SCL and weighed about 6 lbs. The "living tag" in this particular turtle (as with about 20% of them) had worked. That's essentially the end of the story, 5690 has never been seen again (or at least reported to us) until now.

Great story, isn't it? And especially since I saw her first (?) nest site at 505 with Glynnis on 13 August, at which time Glynnis presented me with a photo of the turtle. I thought I recognized her at the time, but wasn't quite sure when and where ;) Congratulations to Mary Jane for being an astute observer and recorder. More later, this story is a continuing one and there is more to unfold.

Since there are multiple folks from two groups that would like to hear this history, I'd like to have the opportunity to do that via email, let me know if that's ok with you-all.

Aloha, George

5690
230
175 22cm SCL
9/11/81
Sept 1980 from FFS
A "TIDBITS"
#383501
#383505
Pinnacle IN Polagic Waters

Got NATIONAL Imagery & Mapping Agency
Chart # 19482 Midway Islands

11-18 November 2000
29 turtles (9 recoveries)

MIDWAY IV
Sonic
NO TMRs recovered
NONE Deployed
ONE with TMRs

Mary Rice
Roy H. Naughton
Katie, Jill, JANA, ALIKA, Geo. Watson, (Quintana)

WITH ALAN & BETTY
Aug 19, 00 Jim Patton halohu turned turtle? 331-8939

11-20 KBAy - 7 captures TMR = NOTMR =

11-21 KBAy - 5 captures TMR = 5 ORAL Swabs

11-22 KBAy - 5 captures - all rec'd 43

11/23/00 home Thanksgiving dinner + visited WAWAMALU TMR =

26 Sent

IDEYH

10/31 ^(Mouth seal volunteer)
Barbara Frazer Box 1764 Holoa 96756
Tel 635-7909

Poipu - "Keiki Pool" 300lb turtle hauled out -
Mouth seal one foot away. ^(No mms or injuries)

Sent 11/22 Dawn Wasson - ⁷ Kāiwi phone call
Box 512
LATE, HI 96762

Need 11/22/00 Voice mail + call to Kristy - "Miles NAKAHARA"
DLNR West Hawaii - "one of their private
workers" ANN Goodie Rehab worth - possible
to do for turtles, weekends/holidays - has done this
several times already 887-6063

11/24/00 KRF - Bob Morris/GB 12noon to examine
Friday 4 turtles there, as follows:

- ① Loggerhead ID 8-15-00 (41.3) - Plastron exam - abrasions -
Seem OK photos need new SCL
- ② ID 11-1-00T (large) MR = Severe emaciation
Will EU and ideally sent to Terry Spraker Whole Feder
- ③ ID 10-1-00T (Heeia) - blood taken, left side of
wings, used Aspirator hind Brains -
Some fluid and air removed. Photo before
doing this floating in tank.
- ④ 9-14-00 Mokuleia - strong. Blood taken
Ken Nichols? Dissolvable green stitch ^{still} ^{Wound site}
Right line cut nearly all healed.

11/27/00 Feder # 8249-7321-9382 Midway to Dennis ORZ
Monday 3 Esoph. Flush, 2 mov th, 1 fecal (N=6)
+ 2 Tot ID 10-30-00 A & B Necropsy by Cynthia
Vanderlip.

11/24
Sent
Foresty
45
9
M
11/2
TO
All
on
11/2
12/1
11/27
re
11/28
11-29
Wednes
Blood
got



Oral Swabs 11-21-00

KBA	61.3	B7E
	61.2	976
	69.6	872
	57.2	E79
	79.1	329

11/22 TOMAC for Analysis

Need = 11-23-00
 Michael W. Perry - DOB Morris 27
 Candy Ernst
 recent Marku, ITWC.

Need = # Rehab released each year?

11/24/00 Friday Meeting w/Laws

Biology & Ecology of Hawaiian and other Pacific Island Sea turtles

sent Foresty Wildlife Box 457 96-743

Fibropapilloma Disease Research RE 2001 Prop of \$

Capacity Building of Pacific IS. Pacific Rim

Miles Nakahara Wildlife @ aloha.net 887-6068 TUN Goodie Nelson Santos
Forestry 887-0363; FAX = 887-6065 #331-8778

11/27/00 Fedex # 8215-1157-9811

TO Bill Newman BARN 56 sample packets from

All Alcohol Midway greens + 11-21-00 Incomp tag w/Barn

11/27 Fedex (EU) TO Terry Spraker # 8235-3481-8936

12/15 2 work return RE ID 11-01-00B Haleiwa Whole turtle large eye MR sent

11/27/00 Vic Honda - 541-2730 office - cell - 282-8466
re: Shipping turtles to Honolulu for necropsy

11/28 Terri JORDAN - (301) 713 0376
FAXED LL Bopsy protocol sent

Terri Guynn
108B 21st St.
Honolulu, HI 96818

11-29-00 RELEASE KRF 9-14-00A LFF infusing 12/29/00
Wednesday by MTC Bob Morris - held KRF

Blood spots Released by GB and SE 11-29-00
Army Beach Mokuleia 1:45 pm digital photos

LT 5019412441 New

500E466A46
New 39.5 lbs

SCL = 54.0
CCL = 58.0
2.3 LIQ injected w/shr

28 1/25 - 2/2 Mike Bresette
ORLANDO

need Steven English
91-275 Stavropoulis Circle #28
OWA 96706

11/30 Telecan Jack Brock - Boat w/ turtles sinking - need vH Library
732-5335 Union organizer Terry KUTIA 1958-59

11/30-00 Fedex # 8238-2649-6995 / 9/3 sys# 462030A
Sent to TRUWEN ^{BALISNAH} ST14 ID 19592
+ Elastomers & supplies

12-1-00 Fedex to Aisake ID 19593 sys# 462032A
8218-1860-4164 + supplies for two attach.

11-30 Aloha Cargo Henry 836-4191
John ROSA
Warren in hona 329-2511 "ANALAN" shippers

11/30 Thursday Puako BR - small turtle PL271
MARC Price Shipping # 598 450 4/1 Arrives 4pm

12/1/00 Necropsy by med of Q-450 ID 11-30-00
Digital photos + print film 35mm film. collected multiple organ tissues into formalin
need more at different stages To ship to Terry Strick

12/4 sent LIAM Selwyn 635 ANALAN Rd, Haku, HI 96708
<http://www.mp3.com/Hawksbill>

12/4 10% Vera Beda (781) 383-6185 - article on Sderston for Boston Ledger

Hi:
In the
driver
truck
were r
believ
DOCARE
The tu
has be
DOCARE
Hi, Ge
FYI, a
their
state.
Veteri

12/4
Re

12/5
Monday
(N=

13(12)

12/5
Monday

To
Sub
can
not

12/6
Tuesday

Hi:

In the wee hours of last Thursday morning, police stopped a pickup truck driver in Lihue. He had 2 large green sea turtles in the bed of his truck. The two turtles, both large (250 lbs. each), a male and female, were near death. They had severe head injuries and were bleeding. I believe one died and the other one had to be put to death.

DOCARE called Vic early that morning.

The turtles may have been taken from the south shore, but no bloody site has been found.

DOCARE is continuing the investigation.

Hi, George:

FYI, as of last Friday, the turtles were being held as evidence by DOCARE in their freezer. DOCARE agent Tarey Low is handling the investigation for the state. His phone number is 274-3521. I believe Dr. David Haas of Lihue Veterinary Hospital put the turtle down on Thursday. His number is 245-4961.

To be brought mid-Dec. hand to Hono by V/C 11/6 Jean Souza Breakup SA JUV
Need - Main Vic
value of adults

29

12/4 247-0308 - subject Manuwa Jacob "Alonso"
re interview g.t. FP

12/5 Fedex # 8235-3481-8958
Monday TO LIZ FAHEY Blood dots full cards
(N=25 Midway, Kaphu Bay + EUS DEPTAL = 50
(3 (2 turtles) K Bay; N=14) (MISC=4)

12/5 Monday Shandell to Linares to look for big turtle
hunting - "crack" on shell, re Sat. SSG Tomeseti.
people have seen it - seems to be basking, time on
flippers.
one contact was Teresa Berthelme Box 1115
Haleiwa HI 96712 + Angelika Vesch
621-2388 1971 Eames St, Wahiawa 96786

12/6 Tuesday "FRIENDS"
Bob Kern Hanalei - 943-9241
#18 follows people -
long telecon re "touching"

30A

To Andy
S. [unclear]
copy [unclear]
not [unclear]

MAEC-KONA wed. JAW 31
TRIP

∴ kby = TESA / SARA Beck
1/31 / Sea Grant KONA
MAR 13 lecture 6:30 PM

need
vow
MA
K

12/5/00 Fedex 4 Salt Packet Midway 9/23/00 TO Peter Dutton
12/7 " 1 PM 50 Vial Times A219 Midway

12/8 Fedex # 8204-6263-8323 TO
1/2 of Terry Brakey ID#-30-09 Q20
all necessary & did pusho ^{urgent} tissues
and pit tag in muscle

12/11
Mond
12-15
11:30

12-8-00 Fedex # 8245-2959-3974 Various New-Frozen
LL toter samples for DNA, TO Dutton

Samp
12/9
Receive
25 per
Samp 12

12-7-00 Telecas referred by Chuck HFN 395-4499
JARED DOW
Coreen C out of Pearl Harbor recreation
227-3474 Caught on Mahi ~ 8 miles
off Kohala head - stuck line - small
turtle in stomach - tag ZH24 #USA
other food = 1 Flying
state of digestion = 14 lbs ♀
other =
My HFN article
259-2530 Larry Rostrata one of
released on Monday

12-10
Lamake
ok

12-14

LECTU
MAR
6:30-
KON

Jared Dow
62-203 Lokoea Pl.
Haleiwa, HI 96712
227-3474

12/11/00 MAILED "AA 92" Pelagic drift net
Monday tissue (in salt) for DNA TO Dutton -
I have slide photos
Hawaiian
Haplotype

MOC
AP

NA
ave
6:30
PM

need
voice
MARCH
need
voice
MARCH

Shendell cell 265-0488

STARTED
Pucko 6/13/90

31

"Planning Solutions" - Sea Turtles of Keshole Pt.
593-1288

Alan Hong - Dave Schille Harayama Hawksbill -
395-2211

Jeff Carlson
914 Punahale St.
Honolulu, HI 96821
373-3312

12/11
Monday
12-11
11:30 AM

ANN - 6' Seawall Turtle - water
w/ SE & Daniel - near Waiupe Cove

Ann Evangelisti
935 Punahale Pl.
Honolulu, HI 96821
377-5512

Sample
12/13
Received
23 per
SMP 12-14

Fedex #
Jotton 8235-3481-9255

Wawamalu - 13
Kawainui - 13
Palaau - 48
Strand/Eu & Release - 76 + 3 doublet = 79
K-bay - 6
Kaloko - 4
all RBC's
Frozen

12-10-00B
Lomakea
OLPHANT

Turtle to Terry Spraker
EU on ice

12-13 sent
FedEx # 8235 3481 9288
AT LAB 10AM

12-14-00

Longline Training (19) Joe + Don Peterson
11 AM - 12:00 PM ME IN A2 + Demos
1:15 - 2:00 PM Shaun & Shendell

LECTURE
TUES.
MARCH 21, 01
6:30 - 8:30 PM
KONA

To: Sara Peck <peck@hawaii.edu>
Subject: Re: March 13th

SARA Peck

Good deal, Sara. Looks like we're all set for when the time comes. Mahalo again for extending the invitation and opportunity to me. I am appreciative, Happy Holidays, George

On Mon, 18 Dec 2000, Sara Peck wrote:

Gevin Harrison Pucko

> HI G..
> Yes, I did get your message, and changed the text to yours. I dropped a few words to conserve space, but all the ideas are exactly as you wrote them. Please see below:

> Sea of Turtles: Prosperity, Pride and Problems for our Hawaiian Honu
> Dr. George Balazs, internationally respected National Marine Fisheries Service turtle program leader, will narrate a slide show covering over 30 years of working and living with sea turtles throughout the Hawaiian Islands. From the notion of "special-of-the-day" turtle cutlets in the 1960's to the "see turtles swimming free" of today's eco-tourism industry, research, conservation and the mystical charisma of these ocean navigators will be covered. Insights into the reoccurring question "Should turtles be eaten in Hawaii and if so, when, how many, where and by whom?" will be discussed.

> Kona: Tuesday, March 21, 6:30pm to 8:30pm.
> Kealakehe High School CAFETERIA, mauka of Honokohau Harbor.



MOC =
April 11

MARC 4/2
JA 32 4/1

1/17 - 1/18 2 NIGHTS home 669-1001
Blue -
Nohani 800-822-7368

Bill Newman - Chth anulus proteus ? = Skw Clingons

12-15-00 } SLP Turtles taken to MAC
Friday } for general anesthesia and soft palate
biopsies

ML dead paper
dog says 7/14/99

in 2 freezer. I looked at soft palate - no bumps
Group A: SLP Immatures

- 1. RFF 4699
- 2. LFF 4700

Group B MLani

- 1. RFF WA89
- 2. V725
- 3. V738

Group C
"Higgins" V732

1/6/01 telecon Bob Morris - Adult Female from
logon - severely bitten - off food. Moved to separate tank
called him Greg called him

Boys Restaurant
395-7697

TESSA ~~Barnette~~ 886-1234 EX 1290 1/31
CAZIMERO Wildlife

800-445-8667 Hilton

Sat. Waialeale Fire Station
12/16

Main # 373-2738 Mike/NiLO
Private line 373-2579

12/18 MARC Puako - Fish line Reserve
Gavin W. Harrison 144 Puako Beach DRIVE
Kamuela, HI 96743
gavinw.harrison@gte.net

need
2 sets
sent

self analyzed only
deep hobbled

5 out of 29 (17%) ST10 2/4 gave no or only
one position
6 out of 13 (46%) ST10 24/216 gave no
or only one position
Deep 84.6% 24/206 units
" 55.2% for 2/4 units

out
disproportionately
greater deep
24/216 84.6%
vs 24 units 55.2%

12-19 Fedex TO Terry Spraker # - 8204-6263-8334
Tues. Bob Murray/Murray Jolley Papers -
Background + eye Abstract/21st century

12/20 Sakanari packet - Shistones - to Terry Spraker
Fedex # 8245-2959-3920

1-LANA-34 Go Home. "Dotie Software" Seaturtle emblem log = Antimutators

12-19-00 Theory Work Neurophys at Hakua ^{orig pure} turtles Tuesday

(1) Vida / Jeremy - LL observers present 11-20-00

CWB-TØØ1 LLO35B Set #6 TW15401

Light hooked SCL 44.6 cm 20.5 lb green turtle - Black in PL "Tangled in dropline of both"

6 Centrals. Gt frozen contents for Denise

All bones to BP Museum - Photo print & digital.

TW15402 Olive ridley ♀ TW15402 "Light hooked" WG-7002 LLO335 Set #8 11-02-00

SCL 64.3 CCL 69.0 76.7 lbs

Hook in skin 15 Shouder

developing eggs, yellow fat. photos.

MAILED IN Padded to Sutton:

12/21/00 (1) Olive ridley skin in salt CWG-TØØ2 TW15402 SCL 64.3 cm 76.7 lbs

(2) Byoral Juv. hawk strand 6-6-ØØIB DMSO TW15365

(3) cryo DMSO = JXW-TØØØ 6-2-00

WAIALUA SKKM Nesting

A lady called last night to report that her niece had seen a Hawksbill turtle laying a nest in Waialua off of Crozier Drive. She said that her niece was with a group of friends on the beach making a bonfire and noticed the turtle. By the time she walked to where the turtle was, it was gone and she could see the flipper marks in the sand. I will call this lady back, 637-9651, to gather a little more info. She wanted to know if we wanted to come and remove the nest or just leave it.

48
17
12-21-
12-2
Thurs.
F
TD
hah
ALMAN
IS
week
Tommy
turt.
Thurs
turtl
swam
with
Tommy
menti

VSG
Madison

485
178 Resights
Hawaii (A)
URSULA & Peter

BOOTS A2

Delta FL 210
1026 PM

Charles
Lindsay 35

12-21-00 Feder Midway 4 slides TOUGG for Cynthia Vandrup 2148-5889

12-21-00 I.D. Live turtle from Maui - NOAA Sackey
Thurs. fish line down throat - large TMR
TO KRF

Helena EU - Prints TW 15403
ID 12-26-00 Photos - no op but small jaw hinge
Kahala Hilton - heart Tumors
- Lung Tumors

Jacob - 247-0308 Maui grad student (sent)
ALMANZA 3/28/00 1-5-01 intern phone 45-729
Cinda - Oceanography Dept 956-7633 WAINANA 96744
ISLAND WARRIOR - 808-810-9100 YATOO.COM

need JOY Yoshina 1613 East Nelson St. Gonzales LA
70737-4995

12-22-00 ARISTIX
Tommy Kekoa (941-8448) called saying that he witnessed 3 men lifting a turtle at Allan Davis channel (across Hawaii Kai golf course) on 12-22 Thursday. While calling Enforcement, the men saw him and left the turtle. He and another fisherman released it back into the water and it swam away. The contact stayed an extra 30 minutes and the 3 men returned with a stretcher thinking that the turtle would still be there.
Tommy wanted to know if it were possible to have the area monitored. He mentioned it to Enforcement and wanted to mention it to you.

USGS Doug Docherty (608) 270-2464/2465
Madison CAB Bob McLean Director (608) 270-2401

6831 996 909

DMI <http://www.whalewatchmaui.com/interns.html>
36 "Institute for Cultural Ecology"

weed

John ^{Lives}
Wairu - kayak - Sees turtles

Lock on Paul's door
Enlarge Tawana picture

China Air/Panda Travel = Taipei

Video Life - Tripod, Soft Bag

^{ed write}
A.T.R. - JOHN KAIMIKAWA - KUMUHULA
"Halauhua o KUKUNAOKALA"

- DION LEE K. DIZON
- CHELSEA KALAEI Nih poli
- Robyn K. NUUHINA

need Young kava = Sunny COLLO ^{Jay April}
need older kava - diving = ^{LOO}

12/28 Kulo Ranch Sean Lockerman 237-9321 JARMA ♀
Thurs
Kulo
Tour operator Devon EWESA = 277-5917
Dead turned ID 12-28-00

"Guy Oliver - UC Santa Cruz & Oceanic Society"
New Research Director for OSE ^{Bright} ^{WINNING}

ID
12/31/00 Filisha SSG Live TO MAC - EU
Kailua Bay Oahu (11 lbs)
↓
Terry Spraker 8204-6263-8367 TO

gait
1-3-00

KRF
measure
1-3-00
wed.

see Sony 888-449-SONY
kit from Sony

TRV120
TRV 900

image
Bresett
Foley 37
Frack
Tony Redlow

Date: Thu, 21 Dec 2000 18:10:37 -1000
From: Claire Cappelle <Claire.Cappelle@noaa.gov>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Cc: Joylynn <joylynn.oliveira@noaa.gov>
Claire Cappelle <Claire.cappelle@noaa.gov>
Shandell Bames <seames@honlab.nmfs.hawaii.edu>
Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
Subject: Re: ID 12-21-00 alive arrived this afternoon

ID 12-21-00
26
Maur

Hi George,
The turtle was found at Maalea harbor in teh drainpipe next to the lauch ramp. It was initially spotted by the harbor master, called into skippy who called me. I in turn called Jerry and Maureen Stowell, volunteers. When we arrived the turtle was no where to be found. It wasn't until Jerry Stowell layed on the drain pipe and stuck his head in that he spotted the turtle at the other end (across the road on dry land).

The fishing line was cut because it was wrapped tightly around its neck and then back to the back flipper. When we cut the line, we didn't realize it went to its mouth - there was so much line wound around its neck. No attempts were made to remove the line from its mouth. Thanks for your comments - they are good info for all of us to know.

I will fax over the report later when we get it back from our volunteers. It was a good day for us. We all felt good retrieving a live turtle!!
Claire

----- Original Message -----
From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Date: Thursday, December 21, 2000 4:37 pm
Subject: ID 12-21-00 alive arrived this afternoon

- > Thank you all for getting this poor animal to us, it is now in our care and I won't second-guess the vet appraisal. It does have a fair amount of vigor. And, it is not a "floater" so that's good. If you can email us more
- > on the details of how it was found, etc (or fax the log book entry) that would be very much appreciated, and helpful.
- > I noticed in my exam that the fishline down the throat had been cut.
- > That's fine to do, if wrapped also around flippers etc. hurting the turtle. But great care must be taken to not cut the line too short.
- > Please leave at least a foot hanging out of the mouth. This is turtle-vet doctor's orders. He needs that length for his own efforts in the clinic.
- > Also, I don't think you would do this, but don't pull on line running into the mouth. Again, this is vet procedure, all of these things are vet procedures with special tools and the experience of working on many turtles.
- > I'll be sure to update you as this fellow (or lady) progresses, more becomes known from tests as to just what needs to be done, what can be done. Aloha, George
- > PS A replacement cage was sent back to you today.

wednesday
1/3/01 - Met w/ Bob Morris at KRF - examined all turtles
TANK A = Mari Maalea + buoyant
TANK B = Loggerhead
TANK C = Koolina + KBay Sandbar

00-P 51

Feder to George Zug
8245-2959-3996
Necropsy 4-23-99 - 2 EYES

1-4-00 Thursday JBH-T 002 4-13-99 Leatherbrook
Necropsy 4-23-99 - 2 EYES

gaut
1-3-00

Christy Semmens - FAX (206) 529-1240
REEF
4726 38th Avenue NE
Seattle, WA 98105

"Volunteer fish monitoring Program in Hawaii"

KRF Loggerheads - 16-00 ID
Measurements SCL = 45.3 N 44.7
ACL = 48.0

take video photos
need to get all ready for release
Frozen skin biopsies for virus
(3) Fall Brill

1-3-01 Dave Smith Hawaii Tribune Herald
wed. Turtles in ponds. 935-6626 EXT. 248

38

USG Documented Fish within 200 miles US Customs?

Need

KDA BRIX (907) 586-7824

ALASKA → Tim Donaldson (907) 772-2285
→ Jack MASON Swift/Turtle (907) 489-2222 35lb small center gray green

ID 01-3-01 SCL 53.2 on 35lb mod. emersion
Alli Beach Park to MAC - TO EU 1-4-01
to Terry Spraker TS=1 glotto!
Fedex # 8248-2959-3930

TW Eutneria - HALAWA TW 15407
2 turtles taken from KRF
ID 12-21-00 - Maui

Decided to not EU

~~129-00~~

Back to KRF → eye to spraker for anal eye surgery
KooliWA
1-11-01
MAC
Release
KBay BP
2/1/01

1-8-01 100 tBay Records to Ursula
pickup Fedex # 8249-7221-9420

Steve Montgomery - Kaula Rock 676-4974

1/5/01 Cynthia Valle (sp?) (310) 392-4324 ext 16
KAO SK Entertainment Travel Channel
FAX (310) 392-0393

When selecting, Do WHAT'S MOST IMPORTANT! ^{personal property of} Need Labels! 39

ENADA Alert for jet lag

Bowfin 423-1341 9AM

ISA exit #16 - #10

Telecon 1-7-0 / Sunday Bob Morris:

- ① Loggerhead KRF -
- ② Koby Sand Bar ^{crypto released by me}
- ③ KO/OLWA ^{Removed eye and tumor} ^{wednesday PM} Take to MA / Pick up Friday

^{need} Steve Montgomery 676-4974 Kaula/Celwa?

HOW does Surface Counts, ^{light} 3090 ^{deep} 3790 Compare to SDR? ^{data}

Mueller - (Bob Angel - Cousin) 941-0705 ^{JAN} 23 & 24

POSTER 5690 Assemble

40

TUNA & Swordfish? - all?
how many?

p.12 Kihei Nest - + print photo

- New Paper Headline
- p.20-25 nested
- p.12 EARLY July 7th nest #1 Kihei NOAA Sana. Office Hatch = 94/117 no hatch
- p.59 Nest #2 EARLY Aug 7th Lahana Right of way 48/76 63%
- p.60 Nest #3 LATE Aug 23 Lahana ? Hatch = 76/81 59%
- p.61 Nest #6 EARLY Sep 9 Lahana ? Hatch = 88/99 55%

Nest #	Location	EGGS	Hatchlings	Survival %
Nest #1	Kihei	94	13	14%
"	2 Lahana	76	48	63%
"	3 "	76	43	57%
"	6 "	88	48	55%
		334	152	45.5%

152 live hatchlings = 45.5% (new id)

"use?"
"New Colonization"
"use?"

FIRST KNOWN NESTING OF A HEAD STARTED GREEN TURTLE RELEASED INTO THE WILD

If they'll nest in captivity after being reared in captivity, there's no reason to believe they won't nest in the wild if they survive in the wild.

"The AMAZING STORY OF 5690"
male?

Nancy

Need - Thymus Reduction?

② Biotin - recent tissues from see p. 9 + my tissue list.

③ Clostridium in blood

④ URINE

⑤ Day/night hematocrit changes? ^{email - Kette}

⑥ MTEP list of IUCN Release of Animals - ^{email Jennifer} Orlando early Oct, 2000

⑦ Donna Stoval FWS odour refuge - 100 at Lamaha

⑧ YouAT - ① Attach ash drum

② Blood & photo

⑨ Schemans after dark - IR digital 8 video ^{+ determine hair & track}

⑩ Midway PIT 413619091C moto 42 ^{FFS or? check}

⑪ Lucinda "kimsel" ? p. 16 Newsletter

⑫ Control draining the ST101

⑬ TW necropsies - ②66 in Nov 00

⑭ Ann Grode 887-6063 RE Miles Nathan ^{mailing address}

⑮ Motor 8 Hanama - follows people

⑯ Need to CUT OPEN NATCHLING ZH24 + careful ^{measure weigh}

⑰ WAWAWA nesty? 12-22-00 637-9651

⑱ MAIL Joby Joshua 9.37 Algal

⑲ Tommy Kekoa - 941-8448 WAWAWA LU

⑳ Video Life - Tripod & case

㉑ Duplicate 35mm slides from Mediterranean LL fishery ^{ones in heavy plastic holders}

㉒ Locate slide of hooked leather given to me by Tim Price

㉓ EMAIL ^{Temp. Loggers} Dave Johnson / Lee Ann / Dominique / ^{Re FFS list} Tony

㉔ BAIT type for necropsy LL turtles?

㉕ Compare Sea World turtle vet care / SLP vet care / turtles

㉖ IMI - ^{Publication Record} Science Advisors, ^{in the} longevity of program,

talk to others, cost, links to other programs NMTS / FWS / SOFT State

Methodology; clear statement of goals ^{objectives} and relevancy to priority needs;

㉗ Solomon IS, ST14

㉘ Cindy Hunter - Marshall IS, turtle

㉙ EMAIL SYLVIA Spring Dor

㉚ Headstart D. Cat Port of Nagoya - Uchida or at?

List of persons - permit view

Alan Bolten; ~~Todd Stewer~~; Todd Stewer Sea Turtle Restoration Network
Scott Eckert;

Alo

K

F

244
Hew

S
N
↑

Fee
WR

OBS

NA

Mio

MIDWAY - poster Title poster photos Nautical map

- Seas
A. Pinnaque in Pelagic Waters - History
- Introduction / Background - History
 - Topic components - 1 panel each
 - Temperature (cage vs harbor)
 - Area/ calendar photo NW/1
 - Picture attach TDP source/caption of results
 - Feeding/Food caption
 - Growth - picture/caption
 - Habitat picture(s) caption of findings/results
 - Methods (before/now) photos captions
 - KK patch (Fabric)
 - Basking Photo/caption of results
 - migration to/from f ss photo/caption
 - health/FP - picture caption of results
 - Genetics

INNER Harbor Seawall = $28^{\circ} 12.850' N$
 $177^{\circ} 21.678' W$

For Proceedings -
Can photos be used?

SAN DIEGO 44

9-10 JAN 01

WB 1/9/01

Am Tues

LAST Meeting - September in L.A.
"Working Group on Reducing Turtle
Bycatch in the Hawaii Longline
Fishery" Hubbs-Sea World Institute

Laura's presentation HL-research activities
* Question - olive ridleys - East vs West genetics

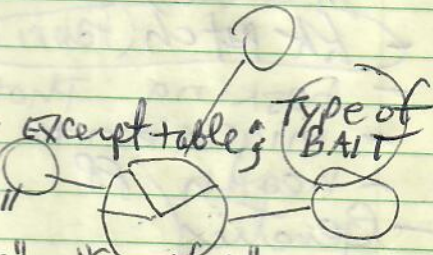
- "lower" to detect difference - Crowder?

Permit Application -

Botten - strong support - No difference in accuracy of data
By fishermen, Knowledge vs Supposition

Need - copies of Polovina et al, portable,

Need - Multiple catches on a trip - except table; Type of BAIT
Merge Shandell & KRISTIN pages
Person distribution around a rare event
Type of fish - "TUNA" or "Swordfish"



"Centra" North Pacific
Hooking & entanglement Status entries - need clear definitions
up front.

"Hardens UV" - sticks to wet things

- syntactic foam -

"Tridentinal" stimulator - not an olfactory
cyanide

"Chemically illuminate Gear"

PIES - Break down lightly to locations in same pie

Take skull off just before euthanasia and test brain areas.

"Turtles aren't social; turtles don't learn from one another" - Sickert
Jaw -

Scott Eckert - Photo of leatherback shown - poor body fat - condition
Body Condition = BC

SAN DIEGO

1-9-01
Tues
John
Lag

16/0 M
w/off

FLA
Transp

Survivor
be

"large
sho

John
"Ge

Crowd
- SIZE
PAUL

San DIEGO

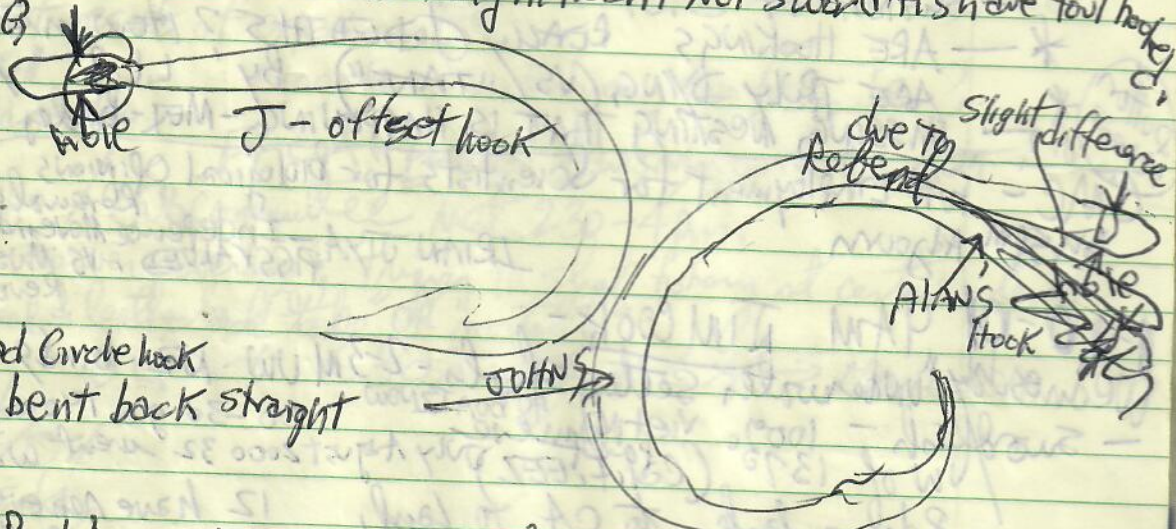
BAIT Bill = Magic bullet - Find something that is inherently repulsive 45

Steve Monroes =

14 (D.C.) Pygal drill - stop trans (almost a year)
"he thinks they stay on much longer"

1-9-01
Tues.
John Langrang

60-70 hand shelled
2 PM - John Langley - offset makes it "foul hook"
"better" because significant No. swordfish have foul hook



16/0 Mustad Circle hook
w/offset bent back straight

ALAN BOLTON - Azores - finished experiment end of December 2000.
"Transpire results are area to another" on ocean to another.

Survivorship of hooked turtles
behavioral component

"longer dives" are stressed animals
short deep dives are more normal.

Dutton

"Genetic signatures"

counter currents w/in currents - questioned Polovina et al. Against current finding may be inaccurate

24-25° temp range - leatherback preferences
Crowder (Status for Selma)

PAUL RAIZEL - Alternatives

Boggs - "100m is a nat. division between two types of fish"

Son Leatherback is the key - Prime concern

46
Diego *

Hypothesis is wrong - LL fishing is not a sig. contrib to decline

P.A. = "All your fault."

9-01
Pres *

is not a sig. contrib to decline of E. Pac. leatherback
other factors eminent extinction of E. Pac. leatherback

ocean toxin as per Hendrickson?

WCSTC? or ? Ecology series

Switch of D.C. nesting in French Guiana - Schultz

ARE HOOKINGS REALLY DEATHS? How many ARE TRULY DYING (VS "TAKE") By LL?

MISSING NESTING THAT IS HAPPENING - Mex-border shift

Dutton Video?

CME - Full employment for Scientists for biological opinions
6:45pm Albany

IRAN JIYA - Independence movement, Indonesia, Revolted by Pork Pigs

1-10-01 9AM TIM COOK -

Wednesday Underwater setting shoots - 2-3M UW NZ birds

Swordfish - 100% Vietnam 40 boats now 20-30 go 140w land
W of 137° (CS/EEZ) July August 2000 32 west w. coast

8 days back to CA to land, 12 have removed permit, #3M Inove - "Aid to Fleet" compensate boats for loss in fishing experiments.

Undermine conservation goals by taking out Pacific & Atlantic LL mg

SECRET "Biologically you can't get more than 70% hatch from nests."

"HAWAII = 3% of LL fleet in Pacific" "Technological Fix"

Todd Steiner 75% reduction w/ 100% observer coverage

John Siebert - Tabled "Concept Notes" agreement on reducing

John Laberge - "Do experiment in Azores, kill a lot of turtles." "Do IN Hawaii Don't Kill many turtles."

TUNA - 0.19 D.C. mortality per million hooks

see Marty Madronen Report. Externally entangled - mortality is assumed zero.

Laberge - Circle hooks can't be used in swordfish - won't catch

Experiments in the fishing in Hawaii are precluded by ESS BIO OPINION

SE - "Dutton stock stuff needs factor into BO." BEST AVAILABLE INFO

PAUL DAZEL SDA-DENISE PNG/WCSTC "ENVIRONMENTAL INDUSTRY"
RAISE D.C. of Seaworld - Tremendous Facility / Tremendous Resource.

35% of N. Pacific Swordfishing is Hawaii = 3500 metric tons
SE - 20% observer coverage. Does higher observer coverage
detect high take rates that are higher
P.A. (+S.E.) "Keeping Hawaii swordfish life is not key to
saving leatherbacks."

SE - "What we have in Hawaii is a nice model, "A place
to test results of experiment."

1-10-01
PM Wednesday

Allocate take between two fisheries?

FACA = Federal Advisory Committee Act

4PM Subcommittee met 2:30-4pm.

"100% observer coverage" Triggers to shut fishery at certain level
of loggerhead & leatherback take OR "mortality"

Depart 6:30 AM for CA → HONOLULU

Thursday
1-11-01
Thursday

1-12-01 TW 15411
Friday AIA WAI Boat Harbor

ID 1-9-01

EV by Theory work at Hawaii 3 pictures

ID 12-05-00 hB by Saul Bar (hauled out?)
from KRF TO A2 (Cryo x3)

1-12-01
Friday

2 pictures put in freeze
Clodod - 2 large #15 associated w/ #3
LJH - 1-#1

by GIBB

LFF Ventral Shouder 1-#2, #1
RFF Shouder 1-#2

Released Kameohe Beach Park 2:15pm 1-12-01
old TAGS K710, K711, K712 PIT 407 D35414F
3 pictures SCL - 70.8 CCL 75.5
WT. 84.9 lbs PAR = 20

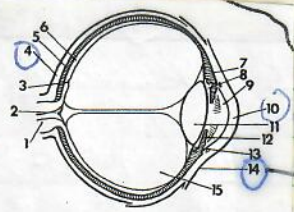
webster

48

EYE

Nictitating membrane n. 1713 a thin membrane found in many animals at the inner angle or beneath the lower lid of the eye and capable of extending across the eye

eye \i\ n [ME, fr. OE *ēage*; akin to OHG *ouga* eye, L *oculus*, Gk *ōps* eye, face] (bef. 12c) 1 a: an organ of sight; esp: a nearly spherical hollow organ that is lined with a sensitive retina, is lodged in a bony orbit in the skull, is the vertebrate organ of sight, and is normally paired b: all the visible structures within and surrounding the orbit and including eyelids, eyelashes, and eyebrows c (1): the faculty of seeing with eyes (2): the faculty of intellectual or aesthetic perception or appreciation (an ~ for beauty) d: LOOK, GLANCE (cast an eager ~) e (1): an attentive look (kept an ~ on his valuables) (2): ATTENTION, NOTICE (caught his ~) (3): close observation: SCRUTINY (works under the ~ of her boss) f: POINT OF VIEW, JUDGMENT (beauty is in the ~ of the beholder) — often used in pl. (an offender in the ~s of the law) g: VIEW 5 (with an ~ to the future) 2: something having an appear-



eye 1a: 1 optic nerve, 2 blind spot, 3 fovea, 4 sclera, 5 choroid, 6 retina, 7 ciliary body, 8 posterior chamber, 9 anterior chamber, 10 cornea, 11 lens, 12 iris, 13 suspensory ligament, 14 conjunctiva, 15 vitreous humor

SCLERA

the dense fibrous opaque white outer coat enclosing the eyeball except the part covering the cornea

CONJUNCTIVA

The mucous membrane that lines the inner surface of the eyelids and is continued over the forepart of the eyeball.

EUSTACHIAN Tube

detritus = the bony and cartilaginous tube connecting the middle ear with the nasopharynx and equalizing air pressure on both sides of the tympanic membrane

→ ID 19607 2/4 cycle ^{in metal box}
 Syst. A20399A ^{EN 01-13-01 Saturday}
 1-15-01 Fedex to Dutton #8245-2959-4000 ^{04/1/01 check - 48}
 Monday genetic sample = pickup 79 ^{Running fine}
 Tues. J + copies of LH forms ^{3 MONTHS CONSTANT}
 - Camera ^{10 N"}

need Sheryl Barretto = 582-3197
 - mount piece
 - wt belt

QING LI FAX = 956-5037 - zippers in wet suit

Regina LUNA #369
 2440 Campus Rd #369
 Hono 96822

need Lisa Barcloth 847-8347

Hi George,

From Dutton 1/16/01

I have analyzed a large set of samples from revillagigedo and found a couple "hawaiian" haplotypes there (albeit they are rare in revillagigedo). Don't mis-interpret...this does not necessarily imply ongoing migration, overall quite distinct populations, but it does raise the possibility that the couple "Hawaiian" turtles ID'd in the HLL fishery might in fact be from the east Pacific after all, and that none are from FFS. The one's I ID'd in HLL fishery as east Pacific are definitely that. Like I said, this Revillagigedo population is turning out to be quite interesting.

17-19 JAN. 01 HONOKOWAI GB MAR 2001
 Tested Jaw Scooters JACTATORS Collected & MALA Wharf
 need label + HISTO 1 - HONOKOWAI Polz ledge loggers
 10 - Airport Replied
 5 - MALA PARASAIL (1 w/ Tumors) Replaced w/ new ones

ID 19607
50 W office
FMR

ID 19592 3rd ST14 out by ISNIAN
mid January Sobell

1/19/01 Friday Large Turtle Received from Popu, Hawaii - TOMAC
cell = 639-7305
Saw Heacock (808) 274-3344

1/22/01 Monday Evaluation of MAC w/ SE GB, Pam Bob. ^{YAMAGATA} ^{OCEAN}
Apparent adult female. Large JH tumors, eye ^{SATTE}
tumors. Couldn't get blood. Plastron fine - hard.
Leech eggs. Bob will surgically remove 2 jaw hinge
and at least one eye tumor.

1/23/01 TUES. PRINT photos - post surgery - head on view w
small camera (new LHF)

MOTO TOOL "6D" L&R 2nd catenals



Thick scutes!



♀ CCL-93.0
SLP-87.4

Chyo surgery (X3 - #TMR
print photos. 2X 3TMR)

KAWAI = Popu

10PM Release KBTy beach park
Swam out slowly but consistently
not successful at Perivertebral Blood
Sample. Blood for DNA, Blood Dots & Plasma Bank
obtained from Dr. Morris collected at
Tumor Surgery.

JOAN GOSSETT
639-4091 61-453
Kamilly
Haleiwa HI
96712

1/24/01 Wednesday ID 1-24-01 Chums Reef eye tumor
turtle, also reported yesterday, picked
up by Shadell. Joan Gossett called
different Joan than yesterday.

Also a call from Lisa Hawking,
Box 296 EAST SOUND, WA 98245
ohu = 637-2410 (in law house between
Alligator Rock and Onus (pideys surf beach))

1/16/01 TUESDAY

OBSERVER TRAINING

Jeff Mangel
P.O. Box 13047
Lahaina, HI 96761
808-986-8173

51

- 1 James Bales bales_james@hotmail.com
- 2 SUSAN TRAN tran_si@hotmail.com
- 3 JOHN GUSTAFSEN KO
- 4 Steven Todd estevetod@hotmail.com
- 5 Matt Kopee m-kopee@hotmail.com
- 6 Florence Hulihee hulihuec@hawaii.rr.com
- 7 Keith Davis kblegend@yahoo.com
- 8 Paul Roylo
- 9 James Bennett JAMESBENNETT@HOTMAIL.COM
- 10 MARTIN PAUL KASZAKOVA BULAKIS *John Bennett*
- 11 CHARLES MCCOY
- 12 Steve Rusak
- 13 JOSE VINEENT josee.vineent@hotmail.com
- 14 DAVE MANN DMANN84@hotmail.com
- 15 Camisha Booth camisha_booth@hotmail.com
- * 16 ANDY VATTER (observers - Division Cross) ANDYPATTYV@NETZERO.NET
tiger sharks
- 17 Sonia Siles SLS8512@yahoo.com
- 18 Julie Belliveau bitn@hotmail.com

1/23/01 Jeff Olsen Pearl Harbor 471-9292 ext. 245
 Becky HARMAN - 473-4731
 Attorney no. blasting PH
 Telecard entrance of PH
 turtle w/ mud gear
 Bob Folby 707 Pool
 Need Honolulu 96818

1/23 STRAND 8:50
 Joan Peck Chorus Reef 637-4014
 Tues. 16-18" live on beach.
 SE same Sean Lockerman went out but nothing there.
 long call from Mark. 61-559 ~~Kam Hui~~ Pohaku Looky.
 Haleiwa, HI 96712
 637-4014

52

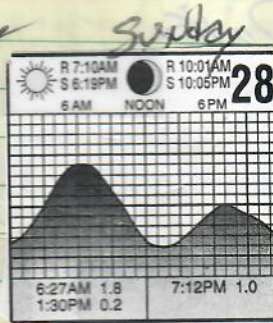
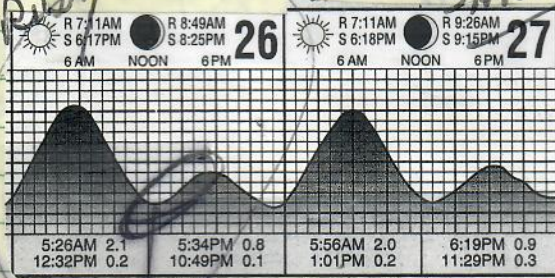
Room 102 944-7880 Thursday
Simon CHAN - 1/25/01 705am NWLO

Mike Bresette - 2/1/01 1115 am depart
AND SIMON CHAN 1/25 155pm

25 JAN - 01
Thursday

1/24 ~~area~~ Call on strand life "CHRIS"
Wed ^{not a} ~~area~~ ^{know #} ~~area~~ ^{code} 250-0294 turtle on beach -
~~area~~ at Haleiwa Beach - income

FRIDAY PROB ACCOUNT



1/26 Telecon Richie Morretti (305) 393-1688

1/26/01 TW 15414 ID 1-16-01

Friday EV Neeress, Halawa
w/ Simon Chan & Mike Bresette + Rich Brill
Print photos - erosion inguts from 10/6 mon @
Blood dots, DNA + PLASMA BANK

1/26 PM Drive around the island, A few ^{SMALL TO MEDIUM SIZE} turtles seen.
FRIDAY CHITS, Kuloa; Wawamalu, ^{Turtles seen.}

1/27 Saturday 4 hours with Simon & Mike on satellite tagging.

need spectrum
MIKE
TBES:
Need
Slide

(Aunt)
TATTOO =
JENNILLE HOWARD
11-B Puako Beach DR. KAMUELA 96743
HILTON WAIKOLA

31 JANUARY 01
Simon, GB, Mike Bresette, Bob Morris, T. WORK MARS
T2 CAPTURES, 11 green, 1 howardsbill

Donna Brown - Available 12noon - 115pm Tues & Thurs

Students: Honolulu Airport 1/25/01 w/ wife MILILANI OKA
CHRISTINE TATSYAMA "Peace/Aloha" Drawing

- 29 JANUARY 01 / BOB Pinner, T. work, S. Chan, M. Bressette, S. Eames, GB Blood cultures

2 Boats
- MAH3 Reef (Anchor there will keep fish away) (Tour operator comment)
- AOC
- Awards
- Reef 42 & Reef 43
Turtles caught =

1/30/01 - TUESDAY
M. B. = larger head slide
S. Chan = green Turtle w/ vines.

Samuel Hung - upside down floating turtle.
Infertile - is there cell matter in egg

Hui-Dong / Gangkoy National Nature Reserve for Sea turtles
(Guangdong Province)

"Turtle King" = 王
Small Grants - MTSG ##
Simon - MTSG need

Marydele Donnelly - MTSG Quoting Need Handouts
possible Sea Grant - how? → Need sighting form
March 14
March 21
April 4
April 17
March 21 630 - 830pm see p. 31
Questionnaire TAKE

April 11 - Maui Ocean Center?
MAY 2 7:30 pm

P. 102
P. 100
P. 101

54 TS = 1

2-1-01



4250033876

Total Protein = 4.0
PCV = 21

ID 12-9-00
Koochna

SCL = 65.1

CCL = 70.5

weight = 62.2 lbs

Release Kbay Beach Park by
GB & Mike Bessette.
(MAC wt. = 62.8 lbs)

Left eyes surgically removed 1/11/01 MAC

From RFF -

2-6-01 GAS anesthesia Assisted Bob Morris w/ surgery

TILT Floater 1 lb 1002 from RFF saved
But can + left eye injected saline under conjunctiva
Adjust STRONG ID = 10-1-00 (Heela Pie)

ID 7-10-00 Kamehame

N-474
N-495

RJA w Head #4
Tumor #4
Removed

new 424F0F7071

new 423A3E7D55



Kaneohe Beach Park released by GB 1150AM 2/7/01

38 PCV; 5.6 TP

2-7-01 = SCL 62.9 cm (orig 60.8 cm); CCL = 69.0 (orig 66.0 cm)
wt = 98.1 lbs (orig 73.6 lbs)

RJA site Firm/Pink healed - no regrowth. But
where #2 taken off glottis there is new papilloform.

There is #1 L5H, and 2 #15 Right JAW pine
2-6-01 Cryo 3X each to these two. Print photos,
+ close-up of eyes w/ olympus MAC Comar film

study
2-17-01
Released by GB
Kbay
beach park
2:40 PM

SCL = 59.7

CCL = 63.0

WT = 61.5 lbs

RFF #4
removed
MAC
2-6-01

ID 10-1-00

500E422D3E



501A07745F



* Need feed lot
Take algae to center / RE: FP Turtle SAN Diego BASK models 55
2-2-01 Conference Call T. work Dutton,
Denise Parker, me, Mike Brusette,
1-877-591-4775 # 450-189

2-2/01 P.M. - MB & GB necropsy of ID 2-1-01
Kw/oa turtle in A2

Laurie - (301) 713-2239 EXT. 205
Allen Reddison head JEFF = 245-1955

Send Brain ^{guy} Polovina et al.
START AT END POINT, work back

2-8-01 Luncheon w/ Bob Brown Columbia INN
Thurs - come on trip host/captive - Release workshop
Necropsy

2-9-01 Friday new ID 1-23-01 Chums Reef
Glottis ^{JOHN Peck, JOHN Gossett} removed.
SCL 48.4, CCL 52.0
30.4 lbs TC-2
410B7B212F new
410B384769 new

Release by me ^{Right eye captured - no emaciation}
^{Surgical Removal} 1150 AM Harehole Beach Park.

2-9-01 Friday Conference call "Office - Laurie Allen, Steve Leathers,
Bill Fox, Don Knowles, Jeff Polovina, RE LL mortality estimates
Protected "Resources" (FPR)

2/9 Re Robert Dolly call at HRF for me from:
Elizabeth Keith 227-6617 RE turtle statistics
Expert Working Group meeting host - HL ^{Covered GIB}
Week on March 5th lead by ^{Co-lead Choms/Keith}
Pooley; Braun vet. ^{Facilitator} Medicine

2/13
TUES.

EU ID 1-16-01 neworky TW 15414 #12 - live erasing

VANESSA Term Date

SCL, wt, clutch size, renewed hatching, Turnover status

Turnover	Non Turnover
7 (20)	8 (23)
1-1st clutches	1-3
2-2	2-5
3-4	3-3
4-4	4-2
5-4	5-1
6-4	6-4
7-1	7-3
	8-2

- 1- Mon
- 2- Tues
- 3- Wed
- 4- Thurs
- 5- Friday
- 6- Sat
- 7- Sun
- 8- Mond
- 9- TUES
- 10- Wee

2/14/01 ^{TD} Large turtle from Hilo received -
 USA Corales MOP - TO MAC
 2/15 ^{wed} Thursday Work at MAC - They judged EU, Digital Camera, Blood dots, Sclera, Conjunctiva, Harshberger

35mm
 need all m

2-15-01 ^{wed} Thursday WPF MC Garden Terrace - Alamoana Hotel
 Becky - Council Member

Ray Stoddard - Solomons
 Am. Samoa man DAR = Steve Heathley - "Minimize to the maximum the mortality"
 Bob Iverson ^{wed}
 Paul Dangel - write to Sylvia Spring
 75g reduce D.C. - shut down April & May (2/10+2)

need all m
 4
 B
 Tw
 6

396-7697

National Car Rental Customer Service = 800-468-3334

need to call
Tony

Dutton = (760) 934-8518 57
Home 688-2231
EXT 205

- 1- Monday Feb. 12 - need Forward my answer to knowles to BAS
- 2- TUES. Feb 13 - need 2/19 or 2/20 Voice MAIL - Natelle -
- 3- Wed. Feb 14 - Lives on Kawai 828-0398
- 4- Thurs Feb 15 - Council LUCN-MTSG-EC Pacific Islands Issues
- 5- Friday Feb. 16 - (1) Long lining - other nations? reporting/observers
- 6- Sat. Feb. 17 - (2) Civil strife - Solomon Fiji Iren JiyA (D.C. studies) Mexico
- 7- Sun. Feb 18 - (3) Pacific hawk bill Track Project Drews Row Kenneth
- 8- Monday Feb. 19 - (4) Health Assess. Disease (including D.C. TW/GB) - Workshop How SC health assess.
- 9- TUES. Feb. 20 - (5) *SPREP - RMTCP AP/Chas (6) Take -
- 10- Wed. Feb. 21 11PM Fl. 56 off (7) Cooks - Palmerston (8) TRAINING Fiji SIMON/Cooks

(WESTC); Castrogilts; olden timer photos; Mock TRANSMITTERS
 1-800-476-0542 Symposium #459
 www.seattleu.org/Symposium/2001/
 Business cards; Wachtman; GIFTS; Macedonia; HARE ext
 35mm microbers; Manual for Char Crew. Posters for their class
 need Fedex

need 7220
all records

2-21-00 Wednesday ID STRAWD
8-15-00 (Loggerhead)

UH new

4136254866
Barcode

WT = 30.7 lbs
SCL = 47.1 cm

RFF new
4135333A42
Barcode

RFF - RH Missing

Print
photo w/
Shandell

Invoiced
681

Metal tag #11888 LPL Applied by GB
TO BE Released offshore by Bob Morris 2/22 Thurs

Sept. 200

58



need
 to stop
 these
 pages
 and glue
 into
 Maui
 book

for nest #1 see p 13

5690

2/14/01 SUE & GHB in AZ: Examination of eggs sent by Skippy.

Draft Lahaina Nest #2
 Excavation: 16 Oct 2000 (Day 70)

Empty shells - 49	6390	36	6390	21
Severely decomposed green hatchling			416	48
Shriveled and sunken shells - 28			-240	27
				<u>76</u>

Estimated diameters { 45.5 mm, 46 mm, 46, 46.5, 44 mm, 47 mm, 47, 47, 47, 47, 49 }
 N=60 X=

No apparent development - 13 (17%)
 mid-embryonic mortality - 2
 Late-embryonic mortality - 12 (16%)
 (1 late-embryonic rotten) - 27

10 Saved embryos - frozen
 (1 to Peter Dutton)

F'D

DRAFT LAHAINA NEST #2

Latitude: 20° 51' 59" N Longitude: 156° 40' 35" W

EMERGENCE: Not seen

EXCAVATION: Monday 16 October 2000 (Day 70)

By SKIPPY HAU

SUMMARY

Excavation by Glynnis Nakai, & Skippy Hau (17:09 - 18:40)
 Assistance by Neighbors and Hawaii Wildlife Fund Volunteers

Data Recorded by Glynnis
 Nest found at 18:20.
 Nest diameter about 1 foot; depth at bottom of nest 64 centimeters;
 hatchling found by dog
 Excavation completed 18:40.

DRIED FULL & PARTIAL DEV. EGGS	28
EMPTY SHELLS	49
=====	
DEAD HATCHLING	1
ESTIMATED TOTAL	77 ((49-1)/77=62%)

5690
2/14/01 SWE & GHB in A2 @ cont.

Draft Lahaina Nest #3
Excavation: 20 Oct 2000 (Day 59)

sm.
caliper
camera

Empty shells - 43 (57%) 43
Shriveled and shrunken shells - 33 33
76

Estimated diameters (mm)
{ 45, 46, 46
47, 47, 47, 47
48, 48 N=2
49

No apparent development - ~~20~~ 21 (28%) ↙
mid-embryonic mortality - 0
late-embryonic mortality - 12 (16%) ↙

(1 late embryonic rotten)

11 saved embryos - frozen
(1 to Peter Dutton)

SUMMARY

Excavation by Steve Williams & Skippy Hau (17:13 - 18:45)
Assistance by Hawaii Wildlife Fund Volunteers (Mary Jane & Amy)

Data Recorded by Steve Williams
Live hatchling found at 26 centimeters depth.
Egg found at 44 centimeters;
Nest diameter about 1 foot;
depth at bottom of nest 65 centimeters;
Excavation completed 18:45.

DRIED FULL & PARTIAL DEV. EGGS	33
EMPTY SHELLS	51

=====

LIVE HATCHLINGS (1 weak hind flippers)	2
--	---

(Released on beach after excavation)

ESTIMATED TOTAL	84 (51/84=61%)
-----------------	----------------

DRAFT (corrected 10/23 per Mary Jane)

LAHAINA NEST #3

Latitude: 20° 52' 12" N Longitude: 156° 40' 40" W

EMERGENCE: 18 October 2000 (Day 57)

EXCAVATION: Friday 20 October 2000 (Day 59)

5690
2/14/01 SME & GHB in A2 cont.

Draft Lahaina Nest #6

Excavation: 5 November 2000 (Day 58)

Empty shells - 46
Green Hatchlings fresh appearance - 2
Shriveled and shrunken shells - 42

Estimated diameters (mm)

{ 44, 45, 45
46
47, 47
48, 48, 48
49

N=10 X=

No apparent development - 19 (22%)
mid-embryonic mortality - 1
late-embryonic mortality - 21 (24%)
early-embryonic mortality - 1

19 saved embryos - frozen (1 to Peter Dutton) 88 / 18.0
440
900

2 saved hatchlings - frozen

Seven hatchlings released on beach; one weak hatchling and one dead hatchling reported by Mary Jane Grady. Decided to excavate after calling Glynnis Nakai.

SUMMARY

Excavation by Mary Jane Grady, Amy Miller & Skippy Hau (09:37 - 11:15)

Data Recorded by Amy Miller

Live hatchling found at 17 centimeters depth.

Second live hatchling found at 16 centimeters entangled in roots.

Egg found at 36 centimeters;

Nest diameter about 28 centimeters;

depth at bottom of nest 59 centimeters;

Excavation completed 11:15.

DRIED FULL & PARTIAL DEV. EGGS	42
EMPTY SHELLS	48

DEAD HATCHLING	2
LIVE HATCHLINGS	2

DRAFT

LAHAINA NEST #6

Latitude: 20° 51' 59" N Longitude: 156° 40' 35" W

EMERGENCE: 5 November 2000 (Day 58)

EXCAVATION: Sunday 5 November 2000 (Day 58)

Helona 62
~~W 15422~~ ID 2-14-01 EU and Necropsy
 Blood dots
 Hilo Radio Bay
 Blood Culture by TW
 Thromy dig parasite Blood
 Scraping on this one

HALAWA
 2-16-01 Friday
 - Moderate Emaciation
 - Massive ^{NBS} leeches - leech egg
 PL - 64.9
 TAIL - 26.5 C - 14.5

PPS - yes
 Female
 Blood for Plasma bank, DNA
 and dots

RFF 1-#2, 7-#15; 1-#4 (RF2)
 LFF 4-#15
 LH 2-#2, 3-#1
 RH 1-#2 (PATCH)
 TAIL 1-#1
 R eye 1-#3
 L eye 1-#1
 TS = 3
 2-pictures - front & n
 8 dig. pls (2 to Hilo)

CCL = 87
 CCW = 81
 SCL 81.4
 N 81.4

Roof of mouth 3-#1.5

Anterior head saved in Formalin - A2
 Humeri TO A2

Need Histo Spaker on eye

2/20 Voice MAIL "NATE" lives on Kauai upset about people touching Turtles at Puuakoo
 5 "hawkbills" out on beach. Wants a stronger worded sign. 828-0398

~~need~~ - Terri Rowles
Sistravani

~~need~~ KATHY AIRTEL 2
944 715 9

Midway
" A PINNACLE IN PELAGIC SEAS "

Adem's Mark Hotel

wed. night 2001 21st Sea Turtle Symposium - Philadelphia, PA
21 February depart 11AM → LA → PA arrive ~ 5 pm 22 Feb.
depart Philadelphia 11:17 AM 3/1/01 YUCA 3/1 Thurs.
2/22 MTSG ~ 9:30 AM Residents Room - CMC - 1/3 depart " 3/2 FRIDAY 3/3 SAT. Thurs.
FRiday Wto ^{members} many Pacific Islands? = " STRATEGIC ALLIANCES "

~~need to appoint~~ =
Need - electronic mailing list of Pacific IS. members -
on-line Services - Menu Driven

" INTRANET.com "
Belize - Manual - sea turtle practices, Alberto ^{ON CD}
" Challenging Issues " - " Green LIST "

~~need to appoint~~
Louis - New Caledonia sat. tag col- new worker here from Indian Ocean
Col - wetland Internat. fund D.C. North Coast PNG, Papua ocean
only PNG - nesting by D.C. widespread.
- Regional MTSG Meetings - needs
" Bookmark " for future discussion.

Dimittis - " Widecast " in Med. Region - network
E/C Spanish / Italian LL - " Luc LURAN " ^{LL agreement}
Institute of Fisheries → Spain - Juan Antonio
ocean MTSG member LL agreement
Action Plans such as for sharks.

Monday 6-8 PM.
Lymers - Hawksbill transmitter.
Chen " " "
Ocean Basin - Population Status

Patrice send publications FP 17-20 strand 90% - TS 35
need photos martindale

CHAU - Pear D.C.
photos - frame w/ blue.

Community control / community decision ^{Respect} ^{learn from} ^{cultures of} ^{people} ^{communities}
 Stop by - ^{Just say} ^{why} ^{to} ^{tell} ^{them} ^{that} ^{continuous}
 Missionaries - ^{local} ^{biological} ^{questions} - ^{research} ^{needed}
 People urbanized removed from environment vs people who are still predators
 - Intermittent water

Grand Discussion

Language Differences

→ go.schofe@freemail.gr ^{need} photo of her speaking
 GAIL Schofield
 17 DIONYSIOS MARHME GOV ^{sent}
 ZAKYNTHOS Greece

GR29100
 2-26-01 EC Executive Committee
 MTSG Meeting 6 PM -
 Monday need - latest membership list.

STATUS REVIEW
 → Green turtle - BLANK WASHINGTON: Lumpeso Nick, Aitcher
 Brendan Godley; Rene (MTSG)
 *Klaus Bjornel + Jeff Marshall; French?
 Ed. - for buddy support for the Region; Cynthia L.

STATUS
 Outline - Send to people. Fill in blanks.
 Perron Techniques Manual - ^{1000 left} hawkbill ~~Review~~

1995 IUCN Re-introduction guidelines
<http://www.IUCN.org/THMES/SSC/pubs/Policy/>
 Headstart Eckert et al. 1994 11pp. NOAA Tech Memo OPR 5

Jacobson 1996, Marine turtle farming and health issues. MTN 72:130-15 SKRM

OWS.DW. 1995, Book Review
 Last Chance Lost? or is it? MTN 71:11-12

- ① Techniques Manual - Spanish version
- ② Dominican Republic - Proceedings report

in
 K...
 Hitch
 2/27
 from
 need
 20
 10

8th wed, Caribbean meet wed
surf will attend.
Meeting
15 MARCH
KAWAIT
Hilchen

GOT TAG Rec. Letters
CURICOW 65
ST14 ID CODE?

Colby Andrewin
TED HOGAN c/o
409 N. "D" Street
MIDLAND, TX 79701

Belize
man that ①
helped w/hawk
st deploy ② tumors
on hatchlings
③ AA news
man

2/27/01
JUANITA
need to send
info - PULZ; kolinski
Cheryl-Lyn; Yvette

from TAGS
to ELNEDO
Chado
Develop

Community
CHARLES T.

Florence Evacitas
Jonathan Diola
Christophus John Ty

community - need
a copy
(856) 227-
9592

APPLICATORS given to them by MAJULA

MELINDA STOCKMAN -
44 MEND AVENUE
GREENWICH, CT 06830
m-stockman@hotmail.com

sent
video also
Also to
KATY GARLAND
C.R. video

Sent
Bayman farm preserves
from TEXAS A&M send pp stuff
KATHRYN CRAVEN
301 ASH ST
COLLEGE STATION, TX 77840
Kathryn@mail.bio.tamu.edu
N. Sound

2001 MTSG Meeting 2/28/01 10AM
Regional Reports
Form Strategic Alliances w/in Regions
"Collaborative
overlap"

need Dave
Bill Walsh
sh

2/28/01
66
Wednesday

MTSG General Meeting

~~day~~ Pritchard -
Atlantic population dist morphologically distinct.

*need - LISTING GUIDELINES SSG Web site.

~~need~~

Call Karen Bondal

March - recruitment + new members

send some
STAN
Carban
cloth!

VANUATU - going there - need 3-way email links / job prep
- Hila Stuenkel & Leo Brenman
1246 North Lawrence Street
Philadelphia, PA 19122
Send some literature

brenmanleo@hotmail.com

* Send LUIS LOPEZ Algae ID + photos of Castro cigar + cigars +
ETIKA Q Ruperi Schmeder/BALAZ

WWF South Pacific Programme
Private Mail Btg
Suva
4, Maian Street

eruperi@wwfpacific.org.fj

Send (well) Internat D.C. Sat. Truck
PN G

Send email
Dutton
need Dutton
Sent

Mick Guinea TP DAVE OWENS,
+ Algae Manual

JIM BROWNING JIM@BROWNING.ORG
Cocos Project

Handwritten notes on the right margin of the page, including "2/28 Wednesday", "VAEIPIS GROUP", and fragments of printed text from the reverse side of the page.