

OCT 98 - SEPT 99

60479-955 (808)  
(808) 595-6409



BALAZS



NMFS, HONOLULU LAB  
Marine Turtle Research  
2576 Dole Street  
Honolulu, HI 96822-2396



MORRIS - office 262-5680, home 254-1740, EVERETT = 260-5822, ST. PATRICK = 734-8979  
 MARC RICE - Office 881-4004, home 885-4965, cell 987-6903  
 WATSON - home 885-8827, cell 987-0101  
 DENISE - 239-2117, 529-8793  
 SHAWN - home 671-5135, PAGE 641-4490, cell 220-5561  
 MOP PAGE - 288-5685 - Observer - PAM LEAF -  
 MTRP PAGE - 287-7074 Office 522-8247 261-4275  
 MTRP cells - 286-2899, 286-2549 Shandell 955-6508  
 AMERICAN EXPRESS - 532-1888 / 800-331-0417  
 Bill Pulepa - 553-3778 home, 567-6696 office  
 cell = 658-5407  
 LEON HALLACHER - 974-7364; home 959-5987  
 NAUGHTON - 262-9029  
 NITTA 973- work, 737-7167 home  
 LAURS - SUSAN 5353  
 HOME DEPOT 521-7355  
 Tom Friel page 273-6021  
 POOLEY - 983-5320 office, home 533-2506  
 PUNALOU Pay Phone - 928-9944 cell = 554-6490 / cell - 554-6490  
 Thierry Work 541-3445 work, 247-8989 home FAX 541-3472  
 JIM CASEY - (607) 253-3579, home - (607) 272-0633, LAB (607) 253-3412  
 TEZONICS (480) 892-4444  
 RON LU home 942-8160, 732-7702 office. GREY LEVIN -  
 EMILY GARDNER 587-5404  
 Bob BEAN Page 252-9259, SEA LIFE PARK = 259-7933 571-9833  
 235-4902  
 Susan Kerner - 983-5353; 261-4012 Steezy  
 Dudley home 964-1445 (305) 361-4207 home office  
 Shandell - 421-0376 home 955-6508 234-5187 home  
 KRISTY MAZADA 577-3574 pager; 957-063 home  
 HERYL 847-6978 home  
 KILTY JENSEN - 541-2749 (917) SAIF CAL 506513513  
 Hotel Molokai = 553-5347 U4P - 669-6915  
 Medeiros - 553-5702 Ken FAX Nohonani - 669-2388 FAX  
 MATSUMOTO - 395-7835 Nichols → 637-3667 (669-8208) FAX - 637-8667  
 SUEJIN HWANG (508) 363-4922 MARLU - 637-6417 61-529  
 528-2204 JOANNE Pettigrew - 637-3434  
 ALAN HONG - 722-2142

Bob Morris  
 Cell -  
 226-9767

National Brand  
 1-571  
 Rob  
 Home  
 Be  
 Do  
 TE  
 W  
 AMEX -  
 Jan  
 Alon  
 Be  
 Sc  
 DU  
 Beth Zan  
 • Att  
 Ter  
 UR  
 Pat  
 Ye  
 Ye  
 SK  
 → Bill  
 011 ER  
 011-74  
 V  
 K  
 Ray  
 Le  
 Mik  
 FEDEX  
 F

\* Phoenix Georgia 1-888-643-9291 <sup>Heidi 239</sup> <sup>Yuko</sup> <sup>EB Nancy (75)</sup>

Alonza cregg <sup>Bob Cell cnu = 953-0627</sup>

Rob Midway <sup>508-333-599-5888 (3 Rings)</sup> <sup>808-421-3315</sup> <sup>Lenny 3353</sup>  
Home 394-0222 FAX (808) 599-3914 KATIE Midway 3327

Beth wild. Pharma. (970) 484-6269; 482-4140 home

DOCARE- 587-0077

Jeff Polovina - 261-1895 5390

TELONICS = (480) 892-4444 <sup>BRENDA EXT.</sup>

WILDLIFE Computers (425) 881-3048

MEX - 800-331-0417

JAN LANDSBERG home = (727) 866-7142; office = (727) 896-8626

AA Direct 87-4906 FAX (727) 823-0166

Alonso (508) 839-7918, home (508) 887-9402 FAX (508) 839-7930

Beth = (970) 482-4140 <sup>332</sup> <sup>Wildlife Pharmaceutical</sup>

Schroeder (301) 713-1401 ext. 147; home 587-4929 <sup>TERESE-126</sup>

Dutton home (858) 689-1142; office = 546-5636

BETH ZIMMERMAN - (970) 482-4140; (970) 781-6267 FAX (970) 482-6184 <sup>Wild. Pharm.</sup>

Att 800-545-4387 → Conference

Terry Spraker office (970) 491-4155/1281 FAX (970) 491-0320

URSULA & PETER Home phone = (905) 826-6564

Patty Herrera home 833-2649

Yvonne home 988-7153; office 592-2813

Peter Bennett Computer FAX (905) 826-9679

Skippy - 243-5834

Bill Gilman - 985-7041 <sup>7805</sup> MAIL - 879-2627

EWC Reservations = 944-7805; Hale Mansa 944-7960

7410 Lincoln Hall EWC

Vanessa - 236-7414; 235-2074

Ron LV Home = 942-8160

973-2971, 72 DIAL-IN

Del Moss (760) 365-5323

Ray Caethy office = (352) 846-0545

Lee Ann Woodward - 541-1201 ext. 187

MIKE FERGUS (PAGER) 888-472-5680

FEDEX 800-238-5355; 247-4747

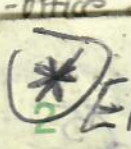
FEDEX = 1510-7478-2

840 189  
2599  
5243

ASB GB

HGB

MOREIS - office 262-5630, EVERETT = 210  
MARC WAT  
DENISI  
SHAWA  
MOPF  
MTRP  
MTRP  
AMEE  
Bill  
LEDA  
NAUGI  
NITTA  
LAURS  
POOLEY  
PUNALOU  
Thierr  
JIM CA  
TEZONIC  
RON  
EMILY  
Bob  
SUSAN  
Dudley  
Shandel  
KRISTY MA  
HERYL  
Kitty J  
HOTEL N  
Medem  
MATSU  
SUEJIN HW



GTE 1-800-898-4836  
ENTERPRISE 5469  
PANDA TRAVEL: 734-961x3326

Jonise Naha

AVID (909) 371-7505 FAX (909) 737-8967

SUSAN KAMEI = 267-4012 Home

JULIA Horrocks FAX (246) 417-4597  
SEA ADVENTURES = (808) 885-7883

MAUNA LAUI

HARRY MRS. Helen N. MAECH 10150 TORRE AVENUE APT. 120 CUPERTINO, CA 95014

need photos

Reservation Bay HOTEL 800-367-2323

(808) 885-6627

LISA Wedding, 1457 Komo HANA, HILO, HI 96743

Roger Zimmerman Directors office = (409) 766-3500

George Losoy - 254-9289

Heacock - 644-1775

NAUI CERTIFICATION

#455202 09-76 INST. NO. 2243

HUI-CHEN Wang = (409) 268-8925

Dennis Russell - (907) 789-1621 home

AVID (909) 272-1044

Del Moss - Home (760) 365-5323 work 228-3125

HUMANE Society - 946-2187

chuck\_monnet@mal.fws.gov

Osha - (319) 338-4778

Sandy McPherson (904) 232-2580 EXT. 110

PATRICK CHING NATURALLY HAWAIIAN 259-5354 cell = 561-5350

AA (508) 887-4906; FAX (508) 839-7930

Photo Finish Hawaii 521-5617 1142 Bethel

U&P 669-6915

DON Heacock PAGE = 644-1775

phone - 274-3344

HOME =

PH  
FIVE  
Temples  
TIG

Terry  
Alon  
Jim-

howzit@turtles.org  
thierry\_worke@usgs.gov  
lotus@sunbeach.net  
aguirre@wpti.org  
honor@turtles.org  
mrice@hpa.edu  
rshaj@aloha.net  
nhoffma@aloha.net

GCB Kaiser \$656  
Term  
Health plan #  
ANTIGUA 8452, 8453  
8455, 8456 ?

840-189-2599-5243

### "A SEA OF TURTLES"

See turtles Sea turtles; Sea the turtles  
"SWIM WITH HAWAIIAN SEA TURTLES"

"PHOTOGRAPHIC AUTOBIOGRAPHY" TAIWAN  
"GODS, GHOSTS, GRAVES & TURTLES"

FIVE Temples: 1) Bought cake 2) MA-FU 3) GOLD Turtles 4) Fireworks 5) \$500M new  
TIGER emblem TEACHER - FROM 1979 WCSTC See page 58, 28

Cheng Home =  
Cheng 886-2-246 22192 chinese then 5303  
Other FAX 886-2-2462 8974

→ Amy paper 0943033724

Cheng office - 886-2-246 22192 chinese dial 5303

→ GCB 700A BROADWAY • Josh - (504) 862-7218  
NEW ORLEANS, LA 70118

"FROM THE GARBAGE COOKER OF KALAMA VALLEY  
HOG FARMS" WANTED TO RAISE PIGS, HAD THE CHANCE,  
BUT DECIDED NOT TO BECAUSE I  
KNEW WE COULDN'T KILL THEM!

HIS office = 4155

Terry- Phone (970) 491-1281; Fax (970) 491-0320  
Alonso- Office Phone (508) 839-7918; Home Phone (508) 839-0296;  
Fax (508) 839-7930  
Jim- Phone (607) 253-3579; Fax (607) 253-3384

Csi #657

Jim & Fern WOOD  
Rt. 7, Box 36 A  
Amarillo, TX 79118  
TEL: 806-622-0282  
FAX: 806-622-2501

GJP #3!

cc TVE HGB

HGB 321

MORRIS  
MARC R  
WAT  
DENIS  
SHAW 7-15-99  
MOP  
MTRP  
MTRP  
AMEN  
Bill  
CELL 6  
LEOI  
NAUG  
NITI  
LAURS  
POOLEY  
PUNAL  
Thier  
JIM C  
TELOW  
RON  
EMILY  
Bob  
235  
SUSAN  
Dudley  
Shanda  
KRISTY M  
HERYL  
Kitty  
HOTEL  
Medon  
MATSU  
SUEJIN H

Madehue  
#1 KAILUANA PL  
Kailua 96734  
Isabella  
Bone biopsy paper - for SUEJIN  
"Wawamalu" = Allen Davis - Cement bridge  
see page -

Date: Mon, 25 Jun 1999 07:43:25 -1000 (HST)  
From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
To: GeorgeH Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Dawning of the Age of Aquarius, or, A Sign of the New Millenium!

That's what ran through my mind today. It takes a lot to really get me worked up on turtles.. realize I've been exposed to quite a bit over 29 years. Well, all this past week we have been getting reports of bunches of turtles, some Very Big, in close on the North Shore. First concern was sickness, strandings. But, no way. Today my son Paul (13) and I went "exploring" 9 hours worth. North Shore. Multiple stops, to look and take pictures. Something wonderful and beautiful is happening. Dawning of a New Age! and the turtles.. gentle vegetarians.. are signaling it? That's crazy of course. But I couldn't help think it when watching 8 or more 300 pounders, perfectly clean and healthy looking, relaxing and grazing in 2-3ft of water next to shore at Chuns Reef, Laniakea, and east of Haleiwa. And, kids and adults standing in the water with them. My kid joined also. Watching them, petting them, thrilled out of their mind. And, feeding them. Yes, that will make you ballistic. But. Wait. The turtles were there to feed on Ulva and Enteromorpha. It grows in shallow. Turtles were there to eat it. Some of the best was out of the reach of their Big Bodies. So people were picking bunches and handing it to the turtles which gently munched it from them.

I don't know what to make of it. But I loved it. Some lifeguards I spoke to at Waimea Bay said "Oh sure, this has been happening, whenever the surf is down, and sand shifts to expose certain rocks that the algae grows on!" I think I need to go the the North Shore more often. Instead of making trips half way around the world! And Ursula and Peter, you ought to get over to Oahu sometime. Don't need to bring your scuba. Geo.

Dear George,  
Craig and I took my sister and her 10 year old to Chun's Reef last week to see the turtles. Amazing place! We counted 43, a few small but mostly big ones.

As you saw when you were there, people were feeding the turtles seaweed and gently petting them. Then, to my horror, two big local kids (not tourists -- they always get blamed for this kind of stuff) grabbed a big turtle and sat down hard on it in the shallow water. They got off in a hurry because I yelled at them. (My wide-eyed nephew was impressed at how angry I was and promised me he would never ever harass a turtle like tha or let anyone else do it)

Anyway, I would like to write a column about this but want to hear your input first. I hesitate to write anything for fear it will just make the place more popular but I am impressed that this beach is already growing quite popular among both locals and tourists. You can't keep 40 or 50 turtles swimming around at the shoreline in a foot or two of water a secret! I could even see them from the road.

Do you know of any state plans to make the area an MLCD? Do you think this should happen? Any plans for signage at the beach with behavior rules and phone numbers for abuses? Do you think these turtles will stick around in winter with the surf up? Please let me know what's off the record and what's on. If I write a column, I'll run a draft by you before sending it in.

Here's a positive end note to my story: The 400 pound turtle that got roughly handled, then sat on until it was squished into the sand, did not leave the area. She just turned around and began accepting seaweed from another person as if nothing had happened.

Looking forward to hearing your ideas. No hurry.

Aloha,  
Susan

9/9/99

Date: Wed, 15 Sep 1999 10:40:59 -1000  
From: Susan Scott <honus@aloha.net>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: RE: Hours

[The following text is in the "iso-8859-1" character set]  
[Your display is set for the "US-ASCII" character set]  
[Some characters may be displayed incorrectly]

Thanks for the nice compliment on my column. After 13 years, I still enjoy writing them.

The new turtle story (yes, from my heart) will run next Monday. I hope the turtles stick around there! I haven't had such fun on a beach since I was last at Tern Island. Those turtles are a treasure here on Oahu. I'm glad you didn't see any abuses. Hopefully, it is rare. But when it happens, I'm urging people to speak up for our reptilian friends. I too believe they will.

With Aloha,  
Susan

Susan Scott  
honus@aloha.net Honolulu Star-Bulletin  
http://www.starbulletin.com/1999/09/15/091501a.html

John

5  
 "International Training workshop on the use of satellite transmitters and the Argos system to track post-nesting migrations of hawksbill turtles in the Caribbean Region" 7/98

12-29-98  
 KAWAZO GPS

(21°28.370' N fence line key hole  
 157°50.202' W

(21°28.432' N Right off <sup>MR</sup> the dock  
 157°50.510' W

(21°28.697' N small patch  
 157°50.102' W

(21°28.822' N "C" smaller  
 157°50.057' W coral reef  
 turtles

16-99 <sup>small</sup> E reef = 21°28.874' N - 157°50.063' W

TW/N#1 = 21°28.930' N, 157°50.078' W ~ 1030am  
 (KAWAZO SPOT)

WAZO patch at anchor = 21°29.009' N, 157°49.941' W

notes  
 rare  
 nest  
 etc

MORRIS  
MARC R  
WAT  
Deni  
6  
SHAW  
MOP  
MTRP  
MTRP  
AME  
Bill  
CALL  
LEO  
NAUG  
NITI  
LAURE  
POOLE  
PUNAL  
Thier  
JIM C  
TEZON  
RON  
EMIL  
Bob B  
235  
SUGA  
Dudley  
Shand  
KRISTY  
HERYL  
Kitty  
HOTEL  
Mede  
MATSU  
SUEJIN H

Date: 09 Jul 1999 22:16:33 -0400  
From: Shandell Eames <Shandell.Eames@noaa.gov>  
To: gbalazs@honlab.nmfs.hawaii.edu  
Subject: Turtle at Haleiwa

Van Fleming  
North Shore Diving Headquarters  
66-456 Kam. Hwy.  
Haleiwa, HI 96712  
637-7946

Redme

MAIL  
Sent

Contact called reporting a turtle that had fishing line wrapped around its flippers. Apparently some divers had pulled it out of the water onto shore, removed the fishing line, and then released it at Haleiwa Boat Harbor. He said he wasn't one of the ones who saw the turtle so he really couldn't give anymore information. I had mentioned that they really shouldn't be taking the turtle out or restraining it in anyway and he said he understood that. He also said that he will be giving our number to one of the divers in order for them to call us with more info. I will be sending them an information packet.

Ken Nichols from North Shore Diving Headquarters called back stating the turtle was appx. 1 1/2' in diameter. Didn't notice any tumors or tags. He said the turtle had a hook in its left front flipper with fishing line attached to the reef. It wasn't able to reach the surface to breathe, so they cut the fishing line. They then proceeded to follow the turtle around for about 15-20 minutes until it became tired. Ken grabbed the turtle, brought it up on to the boat, took it to the shore, and removed the hook and line. The turtle was then released. I informed him of the legal ramifications and he said he was fully aware of them. He had talked to both NMFS and DLNR and was informed, but he continued to say that if he was put in the same situation again, he'd still do the same thing. I'm assuming this is the same guy that was on the news. He couldn't talk long so I didn't get a chance to ask him if it was or not.



MTRP ID: 9-17-98

Contact: Cary Atwood, C&C Lifeguard  
Ph: 638-8121 (cell phone at lifeguard tower)  
Place: Waimea Bay Beach Park  
Live turtle beached itself at Waimea Bay Beach Park, tumors over eyes, weak and lethargic. C&C put back in water but it did not swim away so they retrieved out of water and called MTRP. Turtle had not moved for 2 hrs between original call and when DME arrived, then started to move. Some strength, but glottal tumor. Size -56 cm SCL. DME took to Makai Animal Clinic for examination.  
9/18 - Dr. Morris called to say that he might operate to remove/reduce glotal and eye tumors and then see how the turtle does, because of strength wanted to possibly release after operation. Planned to keep animal over the weekend at least.

TIGER SHARK TUMOR

Date: Wed, 6 Jan 1999 14:22:13 -1000 (HST)  
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: "Denise M. Ellis" <dellis@honlab.nmfs.hawaii.edu>  
Subject: Tiger shark tumor

Frozen Normal -  
TMR -  
TO Jim Casey  
1-13-99

T.W. submitted to RTLA

The fishermen hacksawed the tumor off the shark for me. It was frozen solid. It actually looked like there was 2 tumors...the large one (22cm x 16cm) right under the right eye and a smaller one (6cm x 6cm) located anterior to the large one. The fisherman was able to cut away the large tumor with some normal skin. He also took a piece from the left lower jaw hinge area for normal skin. I put the two bags (large tumor in one and the smaller tumor + normal skin) in the good liftop freezer.

The tiger shark was caught on 12/19/98 in the southeast area of Hana, Maui. It was 12'9". The width of the head was 63cm. (I also measured the mouth area which was 43cm wide.)

I took 7 photos with Deborah's autofocus camera (Kodak 200 film). It's a brand new roll so I don't know when we'll get the photos back.

Junior Cross, MSC 72, 1060 N. King St., Honolulu, 96817, 256-0411 (on the boat) and 292-1382 (offshore). He will keep in contact with you to find out the results of the analysis that's being done with it. See p. 49

Date: 13 Jul 1999 20:46:37 -0400  
From: Denise Ellis <Denise.Ellis@noaa.gov>  
To: gbalazs@honlab.nmfs.hawaii.edu, Shawn Murakawa <Shawn.Murakawa@noaa.gov>, Shandell Eames <Shandell.Eames@noaa.gov>, Sheryl Barretto <Sheryl.Barretto@noaa.gov>, Kristy Masada <Kristy.Masada@noaa.gov>  
Subject: turtles in pond at "Alan Davis" next to Sandy Beach

7-15-99  
SJH & GIBB  
visit

Shannon McCallister and Daughter Jennifer McCallister (1st noticed turtles)  
608 Kealahou St.  
Honolulu, HI 96825  
Ph: 395-1764

Information package was given to them.  
Area is on Bryan's Map 20 B2/B3.  
I went out to respond to call re: concern that turtles were trapped in this area. The area is a 5 min walk on 4 wheel drive trails from sand parking lot, in a very large inlet. Contact was concerned with rocky area at mouth turtle were stuck in 'pond' but after viewing area you can see a definite channel through the rocks to ocean mouth. Turtles are located well inland at the bend of the inlet as it turns toward the road (Kalaniana'ole). There were about 4 in the area, ranging in size from 50-70 cm. I let Shannon know that I was certain that turtles could come and go as they pleased and they were more than likely either resting or perhaps eating in that area. I did not see any turtles that had obvious tumors. Shannon was eager to be of help so she may call the stranding line with information re: these turtles if she can verify tumors or if she sees a larger number of turtles in the area, as her daughter very interested in marine life and they walk there dog down to that area every day.

How to get there:  
Walk on road above beach, take the 3rd right cut off (just before old bridge), at 1st fork take the left road follow along, it will veer right then left, follow along the left to get to pond area.. You'll see a old demolished red truck turn left down the trail there and that will take you directly to pond.. Area where turtles are located are just to left of that

notes  
may  
mess  
re: info

DR. RHODORA DELVIRA  
LED J. RAMIREZ  
91-119 MAOHAKA WAY  
EWA BEACH, HI 96706

NOV - FIRED  
LAST WEEK  
CNN  
Headline  
news  
JAE -  
GIBB

date  
HILDA  
TALK  
9/29/98  
Tuesday

MA  
De  
St  
Mc  
MT  
MT  
27<sup>th</sup>

SEPT - OCT 98 SILVER SPRING, MD Turtle Team panel

ASunday Honolulu  
depart Sunday night  
B  
CELL  
L  
N  
LA  
Pa  
Pu  
TA  
JIN  
TE  
Re  
G  
Bok  
S  
Duc  
Sh  
KRIS  
Her  
Ki  
Hot  
Me  
MAT  
SWEJIN

# RPS TURTLE ALLOCATION MEETING

9/28/98 Monday arrive ~ 3pm Reagan National

9/29 TUES. 830 AM Peter Beck - FACILITATOR  
Ground Rules - 1) Meeting 2) Proposal Review procedures

other ISSUES: "Capture parking lot"

GOAL = MOVE MONEY OUT BY CHRISTMAS.  
Turtles: FY 99 MARK = 3.633M same as FY 98  
(1.0M extra for MONKSEALS)

Bob Correll, BAS, Laurie Allen, Chuck ORNETZ, GIBB,  
DARRYL Christensen, Roger Zimmerman, Sherry Smith  
Epporly, Theresia Conant, Peter Dutton, Margaret Dupree

- SWC-01 NMFS visitor exchange program 0.8K
- 02 SAT. Telemetry 209.4K
- 03 CAPACITY BUILDING 28.7K
- 04 FP 282.0K
- 06 CNMI, Guam, Am. Samoa 30.6K
- 05 JAW BIOLOGICAL OPINION - Quantitative support 65.1K

## Executive Board -

HILDA - 66.8M existing FPR budget  
9:30AM GOAL - 250M

BOARD DECISIONS

"Knowledgeable about Turtle issues" Most important  
RPS Team "Proactive"

"Think strategically. Budget for turtles, Money for Turtles, FY 2000?"  
"Devote the time" Good representation, good to have  
well thought. Names, issues, explain threats.  
She needs our help. What are needs - content & detail.  
with is important?

\* Way to  
Senior  
executive

HILDA

dates 5-6 November 98 SAIPAN WORKSHOP <sup>consider to FPE</sup> <sup>need detail short term</sup>

HILDA  
TALK

9/29/98  
Tuesday

Johnson's seagrass in SE candidate species  
"60% Base / 40% Flexible" <sup>IN A</sup> "Healthy Ecosystem"  
in NMFS - only FPR has this  
we owe HILDA's strength, wisdom for turtles.

Do A "Base" inventory in Centers/Regions in turtles,  
then ID needs.

FMC's (12 of them)  
How many are long-term needs? Don't want to  
make mistake in carry transfer to base (i.e. 8  
Senior Chemists EXON Valdez Asto - now work is done,  
nothing for them to do).

Board rejected Hilda's proposal for opinion from Tetteford.  
Decision by Board =

Look at Recurring projects in RPS process.

② Base positions  
to permanently transfer # to FMC permanent Bases  
strings attached to transfers.

Will be an account - who paid with \$, amount travel, etc.  
A reporting each year.

If changed - Directed reassignments will become a way of life.  
No RIF authority to anyone -

Funding given will be "tracked".  
AN RPF process will be run with remaining money.

\* Way to Alleviate needs is to participate in the RPS  
Budget Initiative process\*

Senior Executives  
SESers - influence them. HILDA - Do the job by Dec. 17. FMA's

Need our report as fall back in case Hilda's efforts  
with FMA's fails.

"Wisdom & Advice" - Hilda Pacific collaboration & FP & pelagic looking, life history etc.  
Recurring projects = urgent National/International priorities.  
Call Geor. Peter. Letters will be sent soon.

HILDA  
"Go to Meetings w/ Tillman to advise Him." <sup>impressive</sup>

MA  
De Wendy  
SH Laurie  
Mc  
MT  
MT  
A  
B  
CALC  
N  
LA  
Po  
Pux  
TJ  
JIN  
TE  
Re  
G  
Bob  
S  
Du  
Sh  
KRIS  
ST  
Ki  
Hot  
M  
MA  
Sue

FPE = 59 employees, 4.9 M budget

10 Hilda "inform constituents to lobby"

9/29/98 Bob Gorell - RPS participants = Bring people Together

As a policy - Hilda would not transfer observer program to BPE. because policies being developed - fishermen may pay.

SF needs to support in Hawaii layout. Kishun - wrong to take from studies.

Advocate for Value of RPS panel - talk it up SESE's

[How take a "National Perspective" for Sea turtles/agency when not agency - contracted by SWR project?]

OBSEWER Program - 3.633M <sup>budget</sup> 17% cap on observer programs

Recovery Planning - exempt from FACA <sup>Cheryl Sherry</sup> coordinate what's happening

\* Bob Gorell (write to Hawaii) Laurie Allen (invite to Hawaii)

Chuck - Hawaii in December

Sherry / Andrea to Hawaii

(NEC - from Seattle - Richard Merrick to build a Center <sup>run the</sup> program)

9/30/98 Discussion of Handling hooked Turtles, <sup>prepare</sup> Wednesday Placard text for NEJ Meeting - Laurie Allen <sup>comment</sup>

Harrenbaker - Region - HL? <sup>Price</sup> <sup>get</sup> Ground Rules RPS? are FTE'S

And proposal Document how Trusting used in Biol. opinion.

530 - 6:15 PM 9/30

Need - email Laurie RE Panel Rep state

Need Health assess Report 10/1/98 Thurs.

EMail Panel Rep: SWR

Favorable project one each?

→

Need -

10/1/98

N - N - (not yet by N)

Need Health Report

- Unique
- Bridge building
- Accinices collaboration

Need - More publications & Reports from RRS  
 Approved (JAW) = 983-5386  
 Landshey

he, Thurs. 10/11/98

46.6k of 65.1k asked  
 Gear procedures + link to SEC  
 Recovery procedures - redirecd effort  
 = 10k (25%) for GIS imaging  
 = (25%) Biological Statistician  
 "Series of procedures" for determining take.  
 How much left?  
 FY98 Small grants

EMAU 2 Power Res. Surp

Section 6 225% state contribution

Favorite Projects

Small Grants carries \$43k - JAN. 99 approve

Guam - Lack of information in proposal \$50.0k  
 ABSTAM Surco 72.6k 2 only

one each

(2) 250k Azores Experiment 50.0k 5 voted carry

(3) 25k Section 6

(4) Video/Brochure LL mitigation \$15k

Nominal SWC  
 Brians  
 2/1/98

(5) USVI in-water work \$25k

Am. Samoa - only project lower pulled up  
 (by Margaret - head selection)

→ HILDA will Ask For  
 Priority in packages from FEMA's

am.

Need - Send twitter/transmitter photos 6x8  
 TO PHILIPPE ROCHTE, Director, Information Techn  
 SAJ 1801 McCormick Drive  
 Suite 10  
 LAGO, MD 20774  
 Visited - Debbie Shaw  
 Lisa

out

10/2/98 Service ARGOS INC, 1801 McCormick  
 FRIDAY 10AM - 2PM (301) 925-4411 IN LAGO, MD  
 FAX 925-8995 philippe@  
 ARGOSINC.com

FAXed - 1999 ARGOS Requirements

Worksheet to Terry Bryan

N-AAA

N-D ← Likely to be taken out

N-K (Not yet labeled by NOAA as "operational")

N-H

N-G (= NOAA 9)  
 still transmitter, 9 feet  
 DATA NOT PROCESSED

MA  
De  
SH  
Mc  
MT  
MTI  
A  
B  
CALL  
L  
N  
LA  
Po  
Pur  
TH  
Jim  
TE  
Re  
G  
Bok  
S  
Duc  
Sh  
KRIS  
Har  
Ki  
Hot  
M  
MA  
Sue

12

9/30

Prepared KOWINSKI @ Hawaii, ESO  
Requesting 6 recovery plans  
Phone Message Margery Zeigler = 599-2436  
99-447-493  
99-474-672  
M. A. V. C. I. O

LOTUS  
METHODS  
Bullets

ANTIGUA - Deployed already - only over by Jim Richardson / Western  
08455 gm requested 10/2 Message to me R.  
need to call from Jim  
Me (608) 270-2432

more Ted Walsh Shirts Bts = Medium  
Zandy - Needs ADS Act w/ 8444 8454  
call Teri Rowles 1 Fedex Outfits to Cheryl  
VAN COVER Lotus Address for Prints & Video

Needs - Sam - contribution to FP report - notify Kenet wogo  
Survey tattoo shops/web sites/cultural web sites  
Bob & George Squid/Fish - fish analysis whole or flesh?  
Simple Flipperless KRF Turtle  
TM 222 TO Sherry Efferly  
Pensla Chu 623-3555  
FWS/mask/wt for visitors  
Send Rheta Page to Lutz  
Send Emails Carey, Dutton, JAN  
Bill Walsch email  
Bar Graphs to Anne Ruliero  
Livia ON OSAKI?

10/2/98  
Friday

SAI visit. Photos  
LUT #30K. Advantage - real time processing (vs 1-2 hours when supplied from satellites to ARGOS stations.)

Jaw  
which email?

NHK enterprises 21  
10/5/98 Marlene HORIUCHI  
MARMAHO@MSN.COM

TRIP TO  
Download  
TRIP OCT  
Replace  
MAE

Problem  
Roger

TRIP TO Download 13th photo  
replace same next symp. paper?  
MARC - ~~Woods Hole~~ Woods Hole  
10/2/98 3PM FPR/MMS Marine Mammal Acoustics  
Discussion? Dr. Robert Gentry  
MYSTIC new England Aquarium Study "13

\* D KETTEN @ WHOI. EDU - turtle material  
- Need to send email - Acoustic - Research  
- ART Popper new England Aquarium = AP17@UMAIL.UMD.EDU  
Whale AHD / Acoustic

Problem w/ sound for sea turtles - low frequency receptor  
Harbor porpoise for them to hear it would require high energy  
Calif Sea lions Roger Gentry @ wood2.gov drain (batter drain)  
Harbor porpoise - set nets works

some species of fish - stay away from nets w/ pinkers  
ie. Shad

LFA (LFAS) Low Frequency Active Sonar  
Training range - shallow water cleaver 500 Hz

need Bob GINSNER \* GINSNER@ONR.NAVY.MIL  
ONR - Funds ART Popper?  
FAX - (703) 696-1212  
53 kHz High frequency Sonar  
2000 yards

- Patrick Ching - Sent Maui Article  
P.O. Box 670 Waimanalo, HI 96795

ELAINE MALONEY 627-7350, 626-0031 10/30/98

"outdoor"  
Back NOTE  
4804, 22132 25TH MS Mine to Maurice both 6/6

56 Nov 08 Sarpan

# CNMI QUESTIONS

HAB's -  
"HARMFUL  
ALGAL  
BLOOMS"

- How many?
- What sizes? Sexes (if request for sexually mature)
- Where? What locations? AREA? <sup>water?</sup> beach?
- What times - seasons
- How? By what methods? Modern? Historic?
- For what purposes?
- Capture alive? Lethal immediate? <sup>CAPTURE</sup> injured?
- By whom?
- Species? <sup>Humane death</sup>
- If alive, how butchered?
- How distributed? <sup>Legal kill</sup>
- How verification of PERIMETERS / CARCASS? <sup>ID</sup>
- Health? Diseased? VET. INSPECTION? <sup>to determine?</sup>

<http://www.turtles.org/special/masthead5.jpg>  
[www.eccturtle.org](http://www.eccturtle.org) S. Carolina <sup>sea turtle</sup> study

Joe Ruak Home (670) 256-8714  
 Parents home (670) 322-0639

MA  
De  
SH  
Mc  
MT  
MTI  
A  
B  
CELL  
L  
N  
LA  
Po  
PUL  
TH  
JIM  
TE  
Re  
E  
Bok  
SU  
Duc  
Shi  
KRIS  
Hes  
Ki  
Hot  
M  
MA  
SUEJIN

"5  
Turtle  
MTR  
ID 9  
JM  
No  
10  
MB  
10/  
10/5  
10/5  
10



"5 Temples IN 10 hours:  
Turtle Sacrifice in Three lengths Islands Graves and Ghosts  
Empire of Taiwan" God's wrath and Sacrifice

GCB  
VA 17 VDCB  
New Orleans - Boston 15

MTRP strand alive  
ID 9-17-98 Carry Atwood 638-8121 cell e/c lifeguard Waimea Bay  
JME TO Makai Clinic. "Ball-valve" tumor in glottis/  
+ Eye TMR. Both excised by Bob Morris. EXAM 9/22 by me,  
Andy, Lotus, Tomo. TO KRF. Swimming breathing OK - interview with  
OK TO Release.

need Critter Cam  
need - BIRGIT Bahlevers = (703) 845-0856  
Greg Marshall = (202) 429-5238  
Irene (Aunt) (256) 442-6386

10/5/98 Released I bought - supplied these 2 ST-10's  
Monday ID CODES = 22130 22131 (Antenna anterior)

10/5/98 Fedex # 804 783086936 Cites of water  
Kaneohe beach Park 1100h  
Antenna posterior, both changed the batteries, used something else to attach.

10/5/98 Mike Veith. LAWA KAI 332-7324 EXT. 43  
KAWAI Re nesting Monitoring 7 Nest 15/1997

10/5/98 JAY SILBERMAN 541-2077  
USCGELLOH MAT

10/22/98 JAMIE Ed. Manager Taking out our sea turtles?  
small lecture 270-7000 MOC.  
Thursday

10/22/98 message on recorder - Tony ORTEZ referred to  
me by Randy Honebrink. Shark attack list  
595-5115

Rob Shallenberger Midway 599-5888 3 rings Oct 14 21  
1-808-421-3365  
888-574-9000  
888-643-9291\*

16

web. flights

Mike Goteaux step <sup>row</sup> Midway - Lemon  
Kenny Stimmo  
PAY WHO? Allowed BTAS?

POT - 800 -  
788 - 2800  
808 599 5400  
John B. ONE fishing sport scuba

Journals = InterVirology / Cell and Developmental Pathology  
Ron Lu Reviews / Phil Loh, Martin Kaynes

10/6/98 Fedex to Dutton 2 boxes & 9 DMSO # 80478308924  
Pickup #111

10/5 Marty Weisner 3 - 1 year olds <sup>going</sup> SLP → Mawalaani tomorrow.

10/6 <sup>telecom</sup> JAY APRIL ARTIFACT Studio 573-1779  
with gen script overview / Hawksbill video - The Horn project

10/5 V26 dead <sup>6/4/91 mark</sup> picked up by Denise. <sup>ref TS = 0 40.8</sup>  
"MTRPID 10-4-98" V24, 25, 26 10/4/98 <sup>strand kahaluu</sup> washing in surf dead

10/7/98 Sampled LHF RHF "ANIKAI"  
SKIN biopsy x2 of 6-14-98  
wed. KRF front of pierles - w salt packet  
To Dutton Fedex # 8073591659  
Fried to get blood from neck, but nothing.  
→ EU pat Halawa by Ti work. lots of black egg packets on intestine length

10/7/98 Barber's Pt Nimitz beach  
ID 10-2-98 54.5 SCL 3lbs

10/7/98 Fedex # 8062 4748 3001 <sup>tracking</sup> Maps <sup>pick up</sup> # 10/9  
overheads to Cheryl Fedex  
HL Account 510 - 7478-2 / 800-238-5355  
247-4747

10/8 <sup>conference call</sup> Meeting with Jim Casey, Ti Work  
Thursday RE: Australian Results (2) transmission Repeat - There

MA  
De  
St  
Mc  
MT  
MT  
A  
B  
CAL  
N  
LA  
Po  
Pux  
TH  
Jim  
TE  
Re  
E  
Bob  
SU  
Duc  
Sha  
KRIS  
She  
Kii  
Hot  
Mc  
MAT  
Sue Jin

1-2  
Dece  
10/8  
ne  
10/8  
mess  
on vo  
Co  
off  
10  
RID  
PM

1-2 December 98  
Petaluma

FAA? AVID = (909) 371-7505

LISIANSKI

Lisianski

17

need

CAROLYN CORNISH  
2331 BIRCH ST.  
VANCOUVER, BC  
V6H 3W3  
604-733-8255  
cornish@direct.ca

BECKA SEYMOUR  
530 ESTERO AVE,  
MORRO BAY, CA.  
93442.  
(805) 772-8712

10/8 from Theo: Monk Seal Group Midway:  
need → midwaymonkseal@hotmail.com  
Wayne Sentman (UMFS) Suzanne Canja (HWF)  
Cynthia Vandertip (HWF)

10/8/98 Michael KLINKS RE 1979 Elep10 988-7203  
Message on voice recorder sent - Balazs & Schmidt  
Whitton article, ELEP10  
3081 G. BATY Drive 96822

Conference call 10/8/98 Thursday PAO  
John Kelley, Jack Tenorio, Richard Seman  
Margaret Impey, Don Segev, Karen Rosa  
Multi-Purpose, susupl, CNMI DLNR meet w/ comment  
center answered questions  
Letters to Council by Senator Vilagomez - need from Karen Rosa  
"Explanation of the laws, biology, conservation"  
Biological Aspects.

Mike  
CNMI  
Leslie Morton - Karen Rosa Comments

Moven  
Migration of pelagic loggers to  
relate to environmental factors

10/9/98 Jeff Polovina DME  
Friday PM (1) General introduction - statement of problem (1) GIVE PAB & GHB  
(2) transmitter attach (2) Genetics of Selected Loggers (3) literature  
(4) Title (5) Authorship EMAIL  
WCSTC  
2157

SCL 56.5cm ID 4-16-98 Hawkebill /  
Scutes N A 2. KAIAKA Beach

<http://leahi.kcc.hawaii.edu/org/pvs/pvs.html>

10/12/98 Fedex Rod Kennett #8072-4237-7177  
Pick up = 89 2 - Angliss + Castro kits, video ATACH PAC  
+ instructions, Xerox photos etc,  
Deliver 10/19

Get  
10/12

MARY GILBERTSON  
2259 PELISSIER  
WINSOR, ONTARIO  
N8X1N5

ETP 19600  
STDS 19609

1 day on / 9 days off  
2 hours on / 4 hours off

weld  
message  
to Peter

10/12/98 telecon - orthopedic - April presentation  
Dr. Burt Moritz MD email shark attack files  
59-385 KENUI 96712  
HALEIWA  
638-5960

10-14-98 b.mortiz@worldnet.att.net  
Rod Kennett Fedex #8072 4237 7166  
2 instructions + supplies list.

sent  
week  
10/11  
- Pac

196  
(CBB)  
1/9/98

10  
we  
M  
FT

GARC  
Schw  
V

10/14  
Friday

MA  
De  
SH  
Mc  
MT  
MT  
A  
B  
CAL  
L  
N  
I  
LA  
Po  
Pu  
TH  
JIN  
TE  
Re  
E  
Bol  
S  
Duc  
Sh  
KRIS  
Her  
Ki  
Ho  
M  
M  
Sue

issue

issue - Turn Tunes

Heidi Salpan #6112

3 NOV 33pm

Sat 7 NOV 6 AM 19

KOTA KINABALU (Sabah) 15-17 July 83

"Beyond the Beach" talk on Invitation by Nick Pilcher.

Scoopnets

more zippers more blue

GPS, film; notebook computer files ~~same~~ colored

Midway list - eCard, coffee calipers, flashlites  
midway folders, local birds patches

10/12/98  
- Birth recorded

Joseph SIO FETE

99-1128 LUMIKULA ST  
WAI PANG 96797

19603 DD

19607 showing up

19601 BB  
1/9

Oscar Hilton Rm 3137 949-4321  
need to have email question

19601 (BB) 1/9 days

19602 (CC) 1/9 days

19603 (DD) 1/9 days  
19607 (MM) 2/4 hours

www.midwayphoenix.com

http://www.mitdaily.com/midway/

10-14-98 9:30am Chiefs' meeting - Laura's office

wednesday

Susan - GWARDAS - AWARDS L drive

Mike - (AB) Gent (FRS) at 700% flush FY98. FY99 doesn't look good

FTE'S - ALL out hold. 11 positions save ~ 70k year

Hogarty/Baker - visit for 30min to demonstrate need for new facility

GARCIA is Baker's Deputy.

Space, PIATO, Gary Sakagawa - Center Scientist

Schulster - new leader, Don - web page up.

Virtual Sea turtle research - in water on beach - consider

1/20/99 50th Lab Anniversary, Mike - Vietnam trip.

10/14/98 Chris Ebers FAX 239-8964  
Friday Deborah E/ANS

MA  
De  
SH  
Mc  
MT  
MTI  
A  
B  
C  
L  
N  
LA  
Po  
PUN  
TH  
JIM  
TE  
Re  
G  
Bob  
S  
Duc  
Sha  
KRIS  
Hof  
Kil  
Hot  
M  
MAT  
Sue JIN

20

10/14/98 Chris EVANS - FAX 239-8964  
Turtle Stranding team

2-3cc plasma  
for Ron  
W

need  
F

11-1-98 Fedex photos TO  
Monday TOMO #804783 @ 87325 pickup #137

MARC RICE, Kalia God, KATIE Hreemphax  
Candace  
Kenny  
JOSH

14-22 OCTOBER 98  
26 Turtles Captures

MIDWAY

10/22/98 STRAND 247-5297 HMB Paul Nalegon Rescuer,  
Thursday Deal rotten turtle. 55G Felicia called,  
HMB Gate Comb. 1114. Disposed of back into water.

10/23/98 W350, 6273, (1263) Severely decomposed  
Friday washed pl. by Kahlua Benzoe  
treatment plant. No tumors apparent.  
Shank bite at hind flipper?

TRY new  
TDPS

Disposition  
of carcass

TDPS = 6/17/85 East Nesting  
6/22/85 near shore SW-S  
6/12/89 Nesting East - 8/23/89 East

10/29  
Thurs.  
Sent

10/27/98 Fedex #553  
to Peter Dutton #80735191666

10/28 Fedex #8062-4748-2998-0466  
Pick #126 TRIP photos to Andy TAFLEICHIG  
(691) 350-12294

need "Certificate of completion"

(260) 656-6237

Need  
Video  
REVIS

D & MRS. Vermeer 8968 MAIN WARD Rd.  
(Rebecca & KEES) SIDNEY BC V8L1J7

10.3  
SAT.

11/9  
MON

need (802) 660-8064 Riller  
 FAX (802) 862-6581  
 originally tagged 7/28/93 SCL 41.9 cm  
 CCL 45.0 MOTO TOOK K11 21

16-17 Nov

Debbie DeBord  
 TAGS = K12, K13, K14  
 Resighting of  
 2 of 5 GRAVES, MAI and MAUI  
 (last week ~ 14 Oct 98)

Date: Mon, 26 Oct 1998 12:32:41 -1000 (HST)  
 From: Denise Ellis <dellis@honlab.nmfs.hawaii.edu>  
 To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
 Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>  
 Subject: Large, tumored turtle near Haleiwa  
 66-456 Kaw Hwy 96712 Haleiwa

We have been getting calls about this turtle for a number of weeks.. Everytime someone goes out to check on the animal its not there. Basically turtle is very large (3 ft +), heavily tumored and basking up on the beach at Puaena Pt., Haleiwa (1/2 between Haleiwa Beach Park and Police beach access only around the rocks.) Today Pat Johnston (N. Shore Diving Headquarters) - 637-7946 reported turtle for friend Stan, who said the turtle is dying (pager: 582-1802). I let her know that if it was the same turtle we have been getting calls on, it usually leaves the beach in the afternoon and if we did find it the large size might keep us from being able to take it. She was kind of insistant that someone come down and take care of the animal, even asking if there was anyone else who could come out (saying some group starting with Noni or the like was doing this??? from a tape she had). I said we would try to get someone out as soon as we could and left it at that.

sent  
 N. Shore Diving  
 SURF TOWERS  
 STAN  
 638-95036  
 VANVOORHIS  
 P.O. Box  
 1174  
 HALEIWA  
 96712  
 WATER-feeding?

10/29 Denise went to site A.M. - Turtle not there, but ones seen in water - feeding?  
 Thurs.

Another report on the tumored turtle that is basking up on Puaena Pt.  
 Tim Lippert (via Gary Wood - NMFS-LE)  
 68-281 Au Street  
 Waiialua, HI 96791  
 Ph: 637-2357

Probably same turtle that has been reported numerous times over last 3 weeks. Alive, Large (3 ft x 2ft by 18-20" thick), Far up on beach under a Kiawe tree, #4 size tumors all over rear flipper area (extending out beyond shell), lethargic, but no raspy breathing. Nearest access is Police Beach (located 50-100 ft from closest you can drive to the beach) which HPD would have to let you in. Otherwise it is a long hike around the point from the Sunset beach end of Haleiwa Beach Park.

10/31/98 Picked up by SSG Patty - TO MAKAI CLINIC  
 SAT. ABOVE

George:  
 We have a stranding at the clinic. This is a BIG turtle, probably the one at the North Shore you were telling me about. Lots of large rear tumors, some on front but eyes OK. Did not do a good physical because will need a lot of people to help lift it etc. Plan on checking it better on Mon. It should be OK at clinic. It is the largest I have seen to date.

TO KRF - see p.26

11/2/98 Small live turtle shipped from Maui Molokini  
 Monday by Skippy Hau, DME to Makai Clinic TW gave me  
 TO KRF 11/4/98. TO T.W. EU 11-6-98. Blood for DNA & Plasma.  
 SCL = 43.8cm CCL = 46.5cm  
 32 #1's; 8 #2's. "dense patches skin barnacles"  
 need - message to Skippy about <sup>skin</sup> barnacles

MA  
De  
SH  
Mc  
MT  
MT  
A  
B  
CELL  
L  
N  
LA  
Po  
Pur  
TA  
JIM  
TE  
Re  
G  
Bob  
S  
Duc  
Sh  
KRIS  
H  
Ki  
Hot  
M  
NA  
Sue

8/25/94  
22  
10/29  
Thurs.  
10/29

Need  
Sissalays  
SMM/Sent  
Tinku  
nesting  
Paper

800-241-6522 V7V9C8  
#1  
11/25  
New Orleans  
#437 8062-4442-2976

Feder to Joe Kvak  
Feder to Amber  
Phoden  
3 reviewer papers  
CCB  
Fedef # 80478308  
7244

Reef 42 scuba 1 = 34min, 25ft  
scuba 2 = reef 43 58min, 30ft

30 OCT 98 KANEOTE BAY, DME, SHKM, me Bob Karyen

Leeches 10-30/98  
T. work. Scuba reef 42 & 1/2 reef 43.  
2 hand scuba Reef 43, 05 boat dive AOL  
(no Tw. 11-23-98) Reimburse

Feder to Lotus photo etc. check #8072-4237-7339 Puck #108

11/2/98 Telecon Donna O'Daniel/Lindsey JA  
Tel (808) 421-0011 EXT. 3182

11/2 Fedef #807328873943 observer Manual to Sherry  
EPPery

11/2 Chris Smith Telecon. (can with daughter 11/6 Friday)  
Soil Cons. Service

11/4/98 Bled 6-14-98 Flipperless at KRF  
Wednesday 10cc. RBC to Dutton + plasma for banking.

11/5 Thursday  
Congress. STRAND  
Abercrombie Kavela Bay 293-1354  
Nancy Carroway 944-9919 → home  
11/6 Friday All to Fed. Bldg. office  
MARI CLINIC

need  
- picture  
- Swivel

Need

Need  
Shay  
update  
Need  
Tint  
Huel  
DISAPPE  
Shay  
Bites  
Need  
Need  
Sei  
11/4  
11/4  
11/5  
Th



76

need shark case  
operator  
need  
Tim Huebner

need friend (Hamilton Lib. 956-2615)

MISSING FREE-DIVER NAVIGATION  
Sept. 1, 98 Clyde KASAWARA M  
wife = FAYE Calerose

DISAPPEARANCE  
shark tooth  
Bites on gear  
need

Dive Shop operator "MAUI DIVE SHOP"  
Who <sup>knows</sup> Clyde = BRIAN KOSHIKAWA  
retrieved.

Zug phone call

- ① TREPINE Bone ~~case~~ validate telos
- ② Symposium data
- ③ Preserve Bone - Biopsy
- ④ DATA Logger STamp

sent Alton = FAX 587-0115

need  
sent  
sent

John Piro - National Science & Technology Box 47435  
Abu DHABI: UAE (971) 2 262 234  
FAX (971) 2 234 422 NST@EMIRATES.NET.AE

Kittolo - 520am FL 80  
~~500~~ 430pm <sup>FL</sup> 283  
640pm

11/6/98 = Fedex 3 diskettes BAE BAE TO Jim Richardson  
holiday  
Fedex # 80732 8874104

need  
sent

11-4-98 GARY Hoefflen → Oceanic Society Expeditions  
Telecon from Colorado  
Lisa King FWS  
3251 S. Estes St  
Lake Wood, CO 80227

Birgit Winning

11/4/98 Dave Martin DVM Hotel  
Theresa Young. 661-0021 Maui Visitor  
I left a messaging saying see [www.turtles.org](http://www.turtles.org)

need

Dave Gulko - 587-0318

need  
TAE

JOSH SEAMON - Bird person, Pago Am. Samoa

11/5 Thurs. Heide HAWER telecon WTD <sup>for</sup> map report  
Re: STRIMM travels JH

24

PTGB Paul's Friend  
KEAUA 396-2327  
Katherine Rodrigues  
BRYAN

Syst. # 436018  
STID ON - 645pm 11/6/98  
ID = 25362

George,  
County Highway personnel helped me bury the turtle on the beach behind the Kahului Treatment Plant. I asked permission from Land Management. I wrapped it in a small blue tarpaulin and tied with a rope from Highways.

IN BACK YARD

I placed markers to locate the bones in the future. 10/23/98

Skippy (Received another call about a weak green still in the water in Kahana. I don't think it will be coming up soon but I won't make any guesses anymore. I just don't like people calling for us to recover and then moving the carcass...)

my ERROR

CCL 105 ccl dead and very rotten near Kahului Sewage Treatment Plant.

Skippy many thanks for your call. Let me know please if they are able to bury it in the landfill at a marked site I can get to months from now.

Have looked up the turtle in our database and see that it was first tagged nesting at East Is. FFS 6/85. Resighted nesting there again during the summer of 1989. There may be other more recent nesting at FFS, but that's all I had time to locate at the moment. Mahalo! and Best Regards, George

11-6 Telecom Jan Ten Bruggen re: Sarah Bouchar  
faxed Henri & Synohai for eggs at East  
366 W. ALENE Avenue Suite 400 91816 3260  
HAWAII  
GAIL WONG - Weingberg Foundation

11/9/98 2 Pruning shears, 1 bolt cutter Fed # 0807328874115  
HAWAII # pickup

11/9/98 Feder # 807328874126  
STID ID 025362 # 58 436018 pickup # 530  
back to telecom - magnet off  
2100h 11/8/98. Did not stuff.

ID Codes of recent received STID's

- ② 25363
- ③ \* 25314
- ④ \* 25317
- ⑤ \* 25358
- ⑥ \* 25359
- ⑦ \* 25360
- ⑧ \* 25361

These 7 magnets 11-8-98 9PM  
off Sunday 11-18 Night 9PM  
should go on

25315  
25316 → imbedded Helix STID

Later changed to regular antenna not perfected by Telecom

Skippy HAW

MAUI MOLOKINI ID 11-8-98  
George:  
The turtle arrived OK at the clinic. I checked it and it weighed 21 lbs. has a large glottis tumor, several small jaw tumors and is severely anemic (PVC 12). Has other tumors also but these are the worse. It looks like another euth. to me, I froze some rbc cells and serum for you. Thierry can have it any time.

Neil ID 11-9-98  
+ Aberrant Double Kowala Bay BOTH TO KRF 11-9-98

MA  
De  
St  
Mc  
MT  
MT  
A  
B  
CAL  
N  
LA  
Po  
Pu  
T  
JIN  
TE  
R  
E  
Bol  
S  
Du  
Sh  
KRIS  
H  
Ki  
H  
M  
SUE

4S  
11-7  
Caught in #2 GNRK  
11/5  
11-9  
MOND  
11/9/98  
11-1  
TUES  
11-10  
Vola  
Need

Kiholo Needs - water container - Fedex - Melody

- SLIICE net
- DATA loggers (yellow prop. sinkers)
- LID list
- Palm corder operation
- GPS
- Some MAs

25

4 SONICS TO MASC 11-10-98

JAW = 530-273-7188  
PARENTS Grass Valley CA

11-7 Caught in #J2GNK

National #1693976838 midsize  
5 day #136 1/14 - 1/18  
Alamo #819 0813 169,99 - 15% + TAX

11/5/98 Sys 9487 ID (22134) = 1995 Kamehameha deployment  
Went to me by Katakura  
Recovered by his people 8/98  
Kamehameha from nesting hawkbill. Duty cycle = need to send for refurbish

11-9-98 Murray Dailey - M.M.C.  
Monday sent +3  
MARIN HEADLANDS  
SAUSALITO, CA 94965  
(415) 289-7346

11/9/98 Shipley Hawk "U787" found dead - <sup>feet</sup>one flipper bitten, <sup>both</sup>hinder  
Kaimuku Bay Area

11-10-98 KIHOLLO <sup>98244</sup>  
TUESDAY RECOVERED ~~TRIP~~ & replaced w/ <sup>TRIP</sup> SON <sup>95123</sup>  
GIBB, T.W. Gabeen Wong  
Foundation

11-10-98 Eric Sandberg 10-20-98 Deployed  
Voice MAIL 19606 GG KIT  
Need 24/216 Sys. 49368A  
Cavetta  
① Tangle deep hooked  
② Lift net not used  
③ what to do if rat. tagged caught again.

MSEC, Bill, Casey, TW, Ron Lu, Zanzon, Yacht,  
B. Morris, AA, Meloby, Doug

~~need~~ KONA LU sat, trans release into  
KBay - <sup>were</sup> tumors cryo or cut for auto-  
immune?

11-12-98 KRF large turtle ID 10-31-98  
Thursday Halawa removed taken to Mahai -  
Cryo on several tumors. Pits. 8cc L19. Release KBPack  
by Bob Morris  
Pickup 597  
Blood for RBC DNA Plasma & SKKM

11-12-98 Fedex #804783087194 ID 6-14-98  
RBC's 2 Vials - KRF Hipples  
TO Peter Sutton

11-13-98 Fedex #80724237 7155 0400  
Friday TO Carlos <sup>new</sup> - Puerto Rico - Gloth kit, Castro,  
Elastomer, Catalyst, Sandpaper & Sati predict - for 22127  
Recommend 6/6 off duty cycle - in my ADS but in BTS program.

11/13/98 EU by Thierry Work - Halawa, Ron Lu collected.  
Friday Two Turtles - Maui Molokini ID 11-8-98  
③ Neil Abernethy KWA Oahu ID 11-5-98

need priority for T.W. Report  
Friday 13 night  
depart 10:30 AM  
web. Hawaiian  
18 night 9 PM arrive  
Maui

NOV 98 Yucca Valley / JNTP  
Laughlin 11/14 night Saturday (+ AZ) Chula Vista 11/17 Mole 6. 11/18 wed.  
Netting in the S.M. w/ Dutton + 2 S. San Diego Bay.  
Elyse & Luana 99 & 100 & 48 SKL greens

11/17/98 SKKM - T. Work, Halawa Quarantine - Necropsy of all  
TUES. freezer turtles, EU and necropsy of recent live  
stranding ID

11/17 Telmes. M. Wessner SLP (from DALLAS AQUARIUM)  
2 turtles to Mauna Lani

need Frank Lopez Maui 879-7855 MAX RACKS, GOCARDS  
POST CARDS

MA  
De  
St  
Mc  
MT  
MT  
A  
B  
CAL  
N  
LA  
Po  
Pu  
T  
JIN  
TE  
Re  
E  
Bol  
S  
Du  
Shi  
KRIS  
Her  
Ki  
Hot  
M  
M  
JIN

11-12  
FRID  
11-1  
To:  
From:  
Subje  
This m  
Beach  
keep  
I inspe  
on the  
appea  
787) w  
remov  
on its  
The sl  
carapa  
asked  
of the  
a piec  
some  
Georg  
turtle.  
c: DO  
Ge  
Ma  
Ka

SKAM to Sam P.  
PP workshop draft

need to contact Noaly

Mystical

Tillman Priority, 70 FP (2) Genetics, 3 leather bank, 4 quantitative, 5 Est. 10

11-13-98  
Friday

Video Conference RPS Transfer to base Review Presentations

BAS - pull behind car

instructions re: post transmitt

GENERAATION - makes obtaining DNA very difficult  
The Pharaohs - Scott Woodward's lab, PCR, human genome  
work in UV light. presence in gel, then sequence. Povo, UTAH  
Secrets of the Pharaohs. DNA in dinosaur bones  
"BASE PAIR" - find in dust. Shipped to U.S. for newspaper?

11-17-98 AM LEONID METEOR SHOWER TO BASEBALL 45 miles/sec  
Milky Way

GRAIN OF SAND

DIVISION OF AQUATIC RESOURCES - MAUI  
DEPARTMENT OF LAND & NATURAL RESOURCES  
130 Mahalani Street  
Wailuku, Hawaii 96793  
Phone # (808) 243-5834  
FAX # (808) 243-5833  
November 9, 1998

To: Bill Devick, Acting Administrator  
Emily Gardner, Endangered Species Specialist

From: Skippy Hau, Aquatic Biologist

Subject: Beached Green Turtle Near Kahului Beach Road (Outside of Kahului Harbor)

This morning, I received a report of a decomposing turtle on the shore next to Kahului Beach Road (before the Kanaloa intersection). At first, the caller asked if he could keep the turtle shell. I told him he couldn't keep the shell.

I inspected the carcass and found the turtle was shark bitten. Maggots were abundant on the shark-bitten hind area. The right front flipper, both hind flippers and tail appeared to have been bitten off. The left front flipper had a metal identification tag (U-787) with instructions to write HIMB University of Hawaii 96744. A plier was used to remove the tag. The turtle had tumors on its head and neck. Barnacles were present on its shell and head.

The shark bitten curve carapace length measured 78 centimeters. The curved carapace width was 93 centimeters. I contacted the DOCARE Office by radio and asked that they inform the County Public Works Department for assistance in removal of the carcass. Slide photographs of the carcass were taken. I wrapped the turtle with a piece of rope found on the beach and tried to mark the location of the turtle with some black plastic floats.

George Balazs of the NMFS Honolulu Laboratory was informed of this second tagged turtle. The recovered tag will be sent to them later.

c: DOCARE - Maui  
George Balazs, NMFS  
Margaret Dupree, NMFS  
Karen Rosa, FWS

AA PHONE =  
office (508) 839-7918  
11/98

A14 Friday, July 17, 1998 The Honolulu Advertiser

# DNA extracted from ancient dung

Associated Press

WASHINGTON — New from science: a technique to extract DNA from 20,000-year-old dung. It can't be used to create extinct creatures as Hollywood scientists do with DNA in dinosaur movies. But it may solve mysteries about animals now gone forever.

Hendrik N. Poinar, a molecular biologist at the University of Munich, led a team that discovered a chemical agent that will extract from ancient dung DNA fragments that come from the animal and from the food it ate.

The researchers, reporting today in the journal Science, said the technique has been used on dung from a giant ground sloth that disappeared from the fossil record about 11,000 years ago. The dung was found in a gypsum cave in Nevada and was age-dated at about 20,000 years.

The scientists are now using the same technique to search for DNA from manure thought to have come from some of the other 20 species of large ani-

mals that disappeared about the time humans first moved into the American continent about 11,000 years ago.

Some other scientists said extracting DNA from ancient dung is an important advance in the study of animals gone forever.

"This adds several new dimensions to the study of ancient animals," Bob Wayne, an evolutionary biologist at UCLA, said in Science.

With the new technique, he said, researchers will be able to identify the animals through their genetic structure. Cells from the animals' gut are sloughed off into the feces and these cells contain the DNA.

The studies also detect DNA from the plants the animals ate and from the parasites that tormented them. These studies, in turn, give clues about the climate that then existed.

Poinar said his laboratory is now testing ancient manure, also called coprolites, that may have come from American mammoths and extinct mountain goats.

11-20-98 K BAY  
11 total scuba

11 captured DME, me, T.W.  
2 more loggers deployed.

Turtle Sacrifice to the islands of  
 Temple GODS in the Penghu, Taiwan  
 "Turtle Sacrifice and Celebration in the MA 200  
 Temples of Penghu, Taiwan" OTHER GODS?  
 Cultural & Religious significance of sea turtles  
 Graphics - Temple roofs (shades), kaula, bell, Baya Baya stone, TURMOT  
 Hawaiian Petroglyphs, Marquess, Pond under Penghu temple,  
 Penghu Video (grab photos), Makung Airport, Urashima Taro,  
 Taiwan Stone; Penghu Stone tablet. "ethnology", enlarge  
 prints for; Icon; Turtles Released by Chinese in Hawaii,  
 incense; Chinese religion book; Graphics; ghosts, paper #  
 ENbrace; incorporate modern, GODS, GHOSTS, GRANTS AND TURTLES

### Bright Lights, Big Tumors?

NO CIGARETTES. NO CHARRED burgers. No electric lights? Don't laugh. "Artificial lighting is beginning to look like a risk factor for cancer," says Dr. David E. Blask, of the Bassett Research Institute in Cooperstown, N.Y. Melatonin, the hormone our bodies produce when darkness falls, may help prevent the devel-

opment of tumors. But artificial light stalls its production. Researchers in Sweden and Finland have found lower-than-normal cancer rates among the profoundly blind (whose melatonin output is not disturbed by light). And Blask and his colleagues recently discovered that tumors grow twice as fast in rats that sleep with night lights as in rats that sleep in the dark. The case against electric lights is far from closed, but the early evidence offers a good excuse for dining more often by candlelight.



The downside daylight at night

90 NEWSWEEK NOVEMBER 16, 1998

Safety in ocean peace prosperity  
 DIED 103 years of age  
 DIED 1012 years of age  
 Celebrated Turtle Festival for safety prosperity  
 11-25-98 KIHULO - Deployed 6 loggers  
 55 MIN. 35' scuba Saw 9 baskets in lagoon  
 30 MIN 10' scuba TWO MATSU Read = R489 K1631  
 Lantern festival 15 days after C.N.Y. Turtle sacrifice unique to Penghu  
 Folk Religion MATSU 2000 people 14? safe passage of sea turtles - GHB  
 1039 years ago  
 1012 years of age  
 Turtle Festival  
 Celebrated for safety prosperity  
 Fishermen

(Amy)  
 HUI-Chen Wang  
 4F NO. 99, Aiyu 29  
 Ln 27, TE-CHANG ST.  
 HSIN TION, TAIPEI  
 231, TAIWAN

need from Amy  
 MA 200  
 MATSU  
 MARCH 23  
 15 needs Birthday  
 God Mother  
 Mother  
 Heaven

MA  
 De  
 St  
 Me  
 MT  
 MT  
 A  
 B  
 CAL  
 N  
 LA  
 Po  
 Pux  
 TI  
 JIN  
 TE  
 RE  
 E  
 Bol  
 Du  
 Sh  
 KRIS  
 Ho  
 Ki  
 Ho  
 M  
 M  
 SUEJI

09  
 01  
 11-2  
 11/2  
 11/2  
 11/2  
 11/2  
 11/2  
 11/2

09092  
01092

- Symposium Titles - (1) One length  
 (2) SKIN STRAND ON TURTLE?  
 (3) Tiwork? (4) MAEC? (5) AA? (6) AA? (7) Ramon? (8) Pussula? (9) Jim Casey Peteri (10) Ron Lu

29

"Photo-documentation of Fibropapilloma Regression <sup>on the island of</sup> in green turtles at Honohoua, Maui [in the Hawaiian Islands] the regression of"

\* "Photographic evidence for fibropapillomas ~~regression~~ afflicting green turtles at Honohoua, Maui in the Hawaiian Islands"

Prevalence of fibropapilloma *lesions* in green turtles stranded in the Hawaiian Islands, 1982-1998.

Telecon

11-23-98 Kevin Foster FWS - Eco Camp

11/25 **Kiholo** Aroha 620AM, Record locate IRBNE-1  
 2 BASK Road Tlys. FL 615 530am SCUBA to deploy logger -  
 Lagoon De Proj

11/24 Conference call charged to ATT card 800-845-4387  
 TUESDAY <sup>conference</sup> # M26159 = The Call, 700-911-4250  
 my access code # 17461; Their code # 45789  
 30 minutes.

11/24 Fedex # 807351916547  
 TO Peter Dutton

includes - 19 strand Rbc frozen; 51 <sup>frozen</sup> <sub>1/20</sub>

① 40772 F4279 is JMSO hBAy skin biop. 11-20-98

② 11-14-98 mummified (2 dups) "strand" - four along road  
 struffed?

11/25 Fedex 8062-4748-2450-0400

Recall Andy's check, pick up #82  
 11/27 pickup #397

876 HGB

GB Ø239

HGB321

EMPH  
MAY 30

Ghost  
Grave  
Marking  
Spirits  
AVID - (909) 371-7505  
Pescadores

Feder  
Tattoo  
ALTIMETRY

"EVIDENCE FOR COUNTER-CURRENT MOVEMENT OF NORTH PACIFIC PELAGIC LOGGERHEADS BASED ON REAL-TIME SATELLITE TRACKING AND

SATELLITE ALTIMETRY OCEAN IMAGERY" GB, JP, DE, DK  
STIOS, HI LL Fishery, observed-deployed, Loggerheads olives (D.C. also taken) objective survival and movements pelagic Ecology - Counterpart AZORES;  
SAT-DATA, not passive drift, east to west, See Jeffs draft.

W/30 from JRH, obtained from Julie Koch who returned from Ternan  
Chamwell: 1) 2 dupes of juveniles Tern seawall

com  
10 to  
100  
books

- 2) 4 asset Stowaway (N9 181192) (E1 144073) 69.3cm 38.5cm
- (E5 1409-64) (E4 144070 63.5cm)
- 3) 4 asset Slow (TI 122325 48.5cm)
- (N1 181186 78.5cm) (T4 122323 77.5cm)
- (N2 181194 - no depth removed 9/18/98)

12-4-98 **KENEHOE BAY** Windy! GB, TW SKRM & Carolyn's SPANKE  
NO SCUBA Snorkel - Reef 42-1 AOL - #7  
#9 TOTAL Reef 43-1

12-13 Turtle shipped from Maui Skippy - to MAHAI  
THURS TO KRF ID 12-3-98

12/7/98 Feder #807328873954  
Monday Wild Feder 8925 Leesburg Pike, Vienna  
VA 22184 Tel. (703) 790-4528  
Pickup #205 33 Slides (10 originals)  
12 PRINTS



Need get statement Strategic plan  
Sub Pacific meeting

Country list

Peng-Hu web sites

Emergency per night

11/27 Fedex kits & enzymes to Sabine - 2 boxes  
#8062 4748 2910  
#8062 4748 - 2921 Dry Ice

Pod. <sup>Kenneth</sup> "missing" hawkbill ID=4169, Program 1857; BAS=1490 (re 22127)

**PUNALOU #40** 1-2 December 98

16 TOTAL 4-horse shoe (all new)  
11- Punalou Bay (one new)  
1- Basher resign

DAWN MATSUMURA

HCRI Box 5614 Kea'au, HI 96749

FAX=595-8037  
TANJI cell 281-4832  
office =

12-2-98 Randy Miller <sup>KYAKS</sup> Lahaina Chart House <sup>Box 12921 LANAINA, HI 96761</sup>  
Tel. message seen Saturday midday 40' water 4800  
SHIPPY HAD Tel: 661-8054 transmitter w/o antenna

JULIE TEL. 235-2074

"exciting" has turtle news"

SAW 12/23 AM

12398 Peter Dutton <sup>Fedex</sup> #80735/916580  
7 long line, 2 UAE, 4 sat. tag FF5 1998 Sept.  
+ 4 RBC KBay Frozen including counterpart  
of skin sample (Pointy posterior) #4877302A01

Census Agency 800 642 0469 \$7991

The two samples for constituted compare are:  
RBC SKIN biopsy

11/2/98 1410 4223 F32  
KBay (220 F740 A11 DIDNT READ)  
party @ time pt inserted but

- ABSTRACTS TO FILE
- ① satitrack LL
- ② obake video
- ③ TDR PAKO
- ④ PENKITU TEMPLE GODS
- ⑤ FP STRANDINGS HAWAII
- ⑥ GEORGETOWN
- ⑦ QUACKENBUSH VIRUS AUSTRALIA
- ⑧ AA HISTO AUSTRALIA
- ⑨ SATITRACK YKATAN
- ⑩ DITTON GENETICS
- ⑪ REGRESS URSULA
- ⑫ FFS TEMP THANE

16-28 JAN

need TO order

need

12-8-98 need TO check Jim's ANALYSIS

we have purchased DNA returned TO me.

18 TISSUES

12-11 need face MA

FRIDAY 12/11/98 → extravasation T work, R. W. Halawa. Plasma & RBC Banking  
 OF 12-10-98 AOL strand Bay. TS-3 + tissue

12-7-98 Monday Sent 3 workshop LL reports Earth Justice  
 Majorie Ziegler 223 S. King Room 400 96813  
 Tel. 599-2436

12/7 pickup 664 Midway photos to Macrice HPA students,  
 # 807328874170

12-8-98 telecon ACYSLIA SKILTON  
 Loyola Marymount - Class project - sea turtle mathematics

12-8 Potty Miller - "Ocean Quest KIDS Science"

12-8 Telecon Chris Smith - Soil Conservation Dept. Ag.  
 Reference 4 24, 29 ~~Antenna~~ 8541-2600  
 Langberg paper. EXT 119

need to introduce TO  
 JAW: CSmith@HI.NRCS.USDA.gov  
 "Coral Reef Preservation Initiative"

MTRP ID 12-8-98 KAPALUA MAUI Shippy. total 130lbs - 52lb box  
 shipped 12-9 to Makai clinic 78lb turtle  
 need BAENACHES; Face photo

12/10 12-2-98 ID MAUI Back to Makai Clinic

12-11 Friday I took both of the above to KRF following Makai surgery.  
 INJECT ANTIBIOTIC IN 12/8 @ 12/12 (2)

10 DEC 98 KANEHOE BAY 11 captures (6 turned) + AOL STRAND  
 Thursday GB, SKKM, TIW. Lisa wedding, Swos

AMP  
 DE  
 ST  
 MC  
 MT  
 MT  
 A  
 B  
 S  
 S  
 N  
 LI  
 PC  
 PU  
 TI  
 C  
 JIM  
 TZ  
 R  
 E  
 BO  
 S  
 DU  
 SH  
 KR  
 HE  
 KI  
 HO  
 NA  
 SUE

16-28  
JAN

CISA Wedding SS# 549-55-9097 works-935-7277  
327pm arrive FL249 wed. home-981-2522 33  
Civic Hall 944-7816

Need  
TO  
order

"Tug of War - The story of Taiwan" WGBH \$23.90 X  
1-800-255-9424

Vivian Vermont  
1/31/99 ordered

need U362  
U249 new TDS, or Paper date

12-8-98

Australia  
Samples tissue in Ultra low examined today  
that had been returned by Jim Casey

Need  
TO  
check  
Jim's  
analysis  
All  
have  
purchased  
DNA  
Returned  
to  
me.

- 27 #1
- 27 #2
- 30A
- 30B
- 30C
- 36 #1 17 June 98
- 36 #2 " " "
- 40 #1
- 40 #2
- 53 #1 19 June 98
- 53 #2 " "
- 53 #3 " "
- 53 leech eggs 6/19
- 39T 18 June 98
- 42 18 June 98
- 41 41? 18 June 98
- 44T 18 June 98
- 48T 18 June 98
- 50T 18 June 98

circled  
number  
written  
by  
Jim in vials?

783  
395  
2211  
Noni KANETA  
KALALEA  
96825  
Sent

12-16-98 Mailed  
to Dennis Russell  
for  
TD - mouth contents  
from PI#  
407DIC 766B  
AOL 6BY  
12-10-98

12-11  
Voice  
MAN

HIROKO ——— FUJI TV  
945-2090



Monday <sup>KBAV</sup> Dec 21  
Duty cycle  
24/216

~~Shallenberg~~ NBC Tickets  
591-2211 Pick up <sup>for</sup> ~~for~~

ID	25317	Sys	430356	Fedex #800
"	25362		436018	#610571
"	25363		436019	017
"	24179		179459	#8073
				288
				14137

~~4~~ Above,

4 ST-10s Fedexed to Alan Bolten

~~Backnote~~ SKKM - CCL 8/11/95 TAITUNG, TAIWAN (HAWAII MATCHES NEEDED)  
N=9 46.4; 41.0; 47.0; 44.0; 40.0; 44.0; 45.0; 44.0; 43.0;

12-18-98 ID Haleiwa (brought to HL by Paul - Friday Haleiwa Harbor person). Tray given to him for future use. I took turtle to Makai, 12/22 E. Plasma for printing ABC DNA. To work Hawaii.

12-12-98 Makena - Burns and skin into formalin.

12/22 (12/23) Interview 4800  
GD TANJ  
Advertiser - MAUI 244-4880 TANJ@aloha.net  
~~800-850-7339~~

12/22 Lunch Meeting w/ Rob SHALLENBERGER (ANARIE)  
394-0222 Home

12/23 Fedex # 800 610 571 495 24 Australia 12/24  
Pickup #118 Packet of 7/29/98, gwe Ridley A necropsy hooked DJK T091, C027

KIT ~~KK~~ (2419) (2/4) 12/10/98 deploy  
34° 14' N  
136° 5' W

need Address =

Robert Schroeder (305) 238-5309

36

~~Formalin Avst~~ ~~sey map to Bob Morris~~  
2 spin blood  
3 uniform blood

ComUSA 537-1355 WAIPATHU = 676-3200

APPLE ONLINE STORE / www.apple.com

www.Macworld.com

Seattle MacZone 800-248-0800

New Hamp. 800-2222 X3731

Com Mac Sales 800-516-4239

Need - Herpes - rise and fall? <sup>ASEY?</sup>  
dormant. Flare up.

12/29 148pm

12/28/98 FedEx # 8021 9529 8403 0400 P.  
pick up #378 3 videos + photos to Vermeer, B.C. Canada Vermeer

12/28 Julia <sup>1-800-247-4747</sup> formalin tissues  
Honok FedEx from Barbados #400-9814-0335

29 Dec <sup>98</sup> KBAY DME, Carolyn SRAMEK T.W. Me.  
TUESDAY cold water! Search by Tim Raf / Kowelo spot.  
cat. long Small green small hawk caught / C reef area.  
P.5 released 12/8/98 Kapalua & 12/29/98 Moheana  
SevBA 7 total wild captured

need Michael Mixer 377-9218

12/31/98 Visited office C.H. DIONG  
NANYANG Technological University  
Singapore

IMAC = 1-800-800-2775  
www.apple.com/education/store

Need  
Rare will g  
WAS  
full mo  
row nig  
gin an  
not see  
cades.  
Then  
Januar  
two ag  
That  
ported  
Naval  
When  
"blue"  
has a b  
spheri  
Fron

Need

Radio Shack # 263-1622 AC Adapter

Robert Schroeder (305) 238-5509

Peters1@icconnect.net

37

Purchase 28 Dec

Hawaiian Air	RAVIWA	PANDA #352
Flg 4 JAN MO	515pm	850pm
Flg 14	1030pm	915pm
		216 Asle # 408250
		246 Asle

12/29 Ms. Rosenfelt 955-8821 Hawaii Public Radio  
 Cliff Smith 956-9086 Nan Yung Tech Univ? Singapore  
 Dr. Dong - 9447960

**Rare full moon series will grace the skies**

WASHINGTON — When the full moon takes its place in tomorrow night's winter sky it will begin an unusual series of full moons not seen in more than eight decades.

There will be two full moons in January, none in February, and two again in March.

That last occurred in 1915, reported Geoff Chester of the U.S. Naval Observatory.

When a month has two full moons the second is known as a "blue" moon, though it only rarely has a blue tint, that unusual atmospheric conditions can supply.

From Star-Bulletin news services

Need Tides for MAY - JULY 1973-98

12-31-98 <sup>1999</sup> New Years Resolution

"WALK AROUND SHORELINE OF OAHU!"

Follow TATS INTO Ocean



"Soviet-STYLE STATE Directed Science"

38

BARRY CHOI (612) 361-6610 ext. 239  
home (612) 934-7016  
FAX (612) 361-6634

Duplication? or  
checks/crosschecks  
different approaches  
Different oceans  
Different populations  
Age/size class  
habitats



FP?

Residue  
is = ?

Started 12/28/98 30 MIN.

1/4/98 Feder to Marc Rice - 2 asset stoppage  
Monday of Kiholo Lagoon loggers for bottom  
#144070 & #122325 deployed  
1/6/99  
By MARC.

1/4 Sail phone message -

1/4/98 John Bingham observes <sup>kit</sup> telecan  
Deployed 25359 24/2/16 light hook  
in mouth - removed. Net lift used.  
61 cm ccl. Resin left in cup to catalyze  
due to cold.

Sched  
12-31-98  
Hawaii  
'Im  
Hu  
vide a  
they c  
ruled  
the ge  
sperm  
main  
gener  
next -  
Ove  
permi  
is the  
turn c  
Two  
annou  
metho  
port i  
netics  
growi  
cancer  
One  
Chiu c  
labora  
talized  
more t  
The  
Woodr  
Shay a  
Texas  
Center  
tered c  
280 do



Scheduled Powa'u MOP 16-17 FEB  
 PAPA'i MOP 16-17 JAN

Color Printer, Shanon  
 Hurricanes color reading 39

12-31-98  
 Hawaii 57th Bulet



**HEALTH**  
 Your daily checkup

'Immortalized cells'  
 still doing well

New York Times

Human cells normally divide about 50 times before they die. This limit is overruled in only two kinds of cell: the germline -- the egg and sperm-generating cells that remain ever youthful from one generation of people to the next -- and tumor cells.

Overriding the limit could permit longer life, but the fear is the revitalized tissues might turn cancerous.

Two teams of biologists who announced their override methods in January now report in the journal *Nature Genetics* that their cells are still growing and dividing, with no cancerous tendencies.

One team, led by Choy-Pik Chiu of Geron Corp., says its laboratory cultures of immortalized cells have doubled more than 200 times.

The other team, headed by Woodring Wright and Jerry Shay at the University of Texas Southwestern Medical Center in Dallas, said their altered cells had gone through 280 doublings.

Date: 1/5/99 3:45 PM  
 Sender: Alvin Katekaru  
 To: John Naughton; George Balazs  
 Priority: Normal  
 Subject: Tiger Shark with a Tumor

Junior Cross (FV Anna C) called me to inquire if anyone here wanted the head of a tiger shark with a tumor (size of two fists) on its lip. He's never seen anything like this before and found it to be interesting. The head weighs about 50 lbs and is frozen (good condition). Mr. Cross thinks he caught the shark in the vicinity of S.E. Maui or Kahoolawe. His cellular phone number is 256-0411.

from sample to them work frozen & "normal" to Jim Casey

TO email/AMEX  
 need TRAVEL orders

Hilo  
 SAT 10:40  
 508500 FL 246  
 (4pm) FL 75  
 SUN. 4pm → 4:47pm

1/16 SAT  
 1/17 Sunday \$100

MAUI KAPALUA

705 AM Tues 1/19 FL 1302 \$118  
 953 AM Sat 1/23 FL 1593

need orders  
 1-28-99 Thursday - Hawkbill meeting HEARIA

See page 49

40  
SEG A

20g p. 23

800-872-7342 Game Gear

(White EURE phones -  
(864) 297-6939  
370-9281

need →

6 JAN 99

**KBAY**

KAWALO SPOT (=Twin Reef)

Wednesday TARGETED turtle, located, 17 clean, 4 TMR.

6 TOTAL (1-crab, 1-seabird, 2 hawks, 2 Reef, 42

Flork, KRISTY MENDO, GB, DOMICILIS.

3 Scubas -

1/6 Telecon from Shippy HAV = large turtle G566, 67, 68, 69 dead  
Wed. Stranded 505 FRONT ST. LAHAINA. Buried for future recovery. see p. 48

1/7/99

Telecon Paul "Achtuff" Earth Justice. Use of lift nets + genetics of leptocephalus as per DUTTON ET AL. Abstracts  
Ventura, Calif. Longliner

need

email "recently deployed" 25358 & 19605  
LC 1

KIT 00

KIT FF

32.077N, 152.428W

need  
transfer to codes

need

DNA kit for Stromwell + instructions.

Photos of turtle recently hooked off KONA. Rich Bill

FP list serve

1-1999

2-1999

3-1999

tover  
revert  
pot  
Lowe

13

2

Sik  
Rea

FP list  
services

Conduct research and prepare a report evaluating the immunologic response of g.t. w/ and w/o FP and

① 1-year isolate and identify (of the viral agents) associated w/ FP in Hawaii in accordance with the Interagency agreement" USGS N.W. #L.

work  
Docherty  
Moore

② 1-year Report based on the results of research investigating g.t. FP and the potential role of cleaner fishes in disease transmission  
Dr. George Losey UH 200  
ZANZOU

③ 2-year Pathogenesis, molecular and immunological properties of a herpesvirus associated with green turtle fibropapillomas" final 6/98  
Dritler

Thesis - Title = need  
12/97

Peter Wutz

The Immunology of green turtle FP  
by Rene A. VARELA

Journal  
Veterinary  
Pathology  
Lawrence

Comparative Pathology and Pathogenesis of Experimentally Induced and Spontaneous Fibropapillomas of green turtles (Cim.)  
L.H. Herbst, E. Jacobsen, P. Klein, G. Balazs, R. Moretti, T. Brown, J. Sundberg. Albert Einstein College of Medicine Bronx NY, Veterinary Pathology. Editor in Chief JAMES F. ZACHARY  
ZACHARYJ@UX1.CSD.VIUC.EDU UNIV. ILL. URBANA

13 JAN 99 KBAY Betty Herrera, T.W. GHB, DME.

Target turned small  
Marks Reef, Arnolds Reef, tawels spot,  
C-Red, Reef 43  
8 captures. only 2 suitable for T.W. blood.

26 JAN 99 KBAY T. work, DME, GHB  
ves. 3 captures. Target turned. well!  
S. Bay Seasarch, snorkel. Marker green 17, Arnolds reef  
Reef 42/43 Scuba. AOL.

Halawa - T. Work  
Sheryl, we, Shandell, Ron Lu

42  
1/8/99 Friday (1) EU "1-6-99 ID" Halawa ← 11-7-98 \$227 ppt  
Digital photos. extensive gill/tumor ID = LL ppt

(2) Olive Ridley from LL observer (need copy of data sheet)  
- Crab from tail into 10% formalin  
- Both, humeri (need 2-3 earlier ones due to) TO ZUG

need Denise  
need Frances  
- head for observer to examine - show hook place on jaw.  
- Digital photos. Save hook - liver & skin frozen for BACK UP DNA TO Peter

need Denise  
- Stomach contents (tag, uniform)  
- Selected intestinal (tag " " (need y roses mats/s. tps. crab leg a few plastic chips)

(3) +  
Frozen ones =

Supplies TO KEVIN - observer program.  
1/11/99 Monday 2 piers, 103M - 200M. 60 salt packets  
TAGS = 60M - 700M. 50 6mm biopsy

1/25/99 empty kits returned:



Alisa wedding #45  
Kawai HANA #160

Ritti Jensen - 262-4201  
K Bay Howe

Need Xerox for book  
11-99  
Monday

Need Necropsy  
Necropsy needed 5/31/98 41,000  
44,550  
LEFT 21 olive ridley  
A. Reddy IN 1st top freezer  
Eggs from Maui - Conducted count and X-ray  
Counted in #2

ID = Remains of turtle nest via Skippy Hau 8/9/98

Empty shells =	54	Correct for double count
No sign of development =	54	
Part developed embryo =	33	(twin partially developed embryo)
Full developed =	0	
Full developed/Hatched = hatchlings	8	"(8/19/98 day 59)"
Frozen Full D/Hatched ~ 4 saved for DNA		meter (141)
		EST. TOTAL = 149

ID = VFW-3-98 Sept 1, 1998 (Day 65) (See page 46 for reduced xerox of ID label)

Empty shells =	74	corrected =
No sign of development =	13	
Part developed embryo =	53	EST. TOTAL = 127 - 72 = 155
Full developed =	1	
Full developed/Hatched =	72	(recovered 9/1/98) according to S. Hau
Full D/Hatched ~ 4 saved for DNA		+4 (in separate bag) +1 (in separate bag)
Separate bag labelled 9-2-98		"59 partially/undeveloped eggs"
EEM =	9	

ID = VFW-4-98 (Glynis Nakai Excavated)

Empty shells =	63	See p. 46 reduced copy of ID label
No sign of development =	10	
Part developed embryo =	70	EST. TOTAL = 150 - 148 = 2
Full developed =	0	
Full developed/Hatched =	2	
Emergence Sept 12, 1998 Sat. (Day 54)		EEM = 5
Excavation Sept 15, 1998 Tues (Day 57)		
(2 partial for DNA - frozen for Peter Dutton)		corrected = 148

1-11-99 A2  
Monday

KRISTY MASUDA Recording

Excavated ID = VFW-5-98 Hannah Bernard Emergence Oct. 4, 1998 (day 58)

Empty Shells =  
No Sign of Development =  
Partial Development =  
~~Full Development =~~  
Full Development/Hatched =

66

5

53

4

See p. 45  
Reduced ID label

Partial D - 2  
Full D/Hatched - 2

saved for DNA

EST. TOTAL = ~~128~~ corrected = 124

ID = No label 7-27-98

Add styrofoam as per Shim note p. 44

Empty shells =  
No Sign of Development =  
Partial Development =  
Full Development =  
Full Development/Hatched =  
EEM =

0

165 (triplet double?)

2

0

0

2

EST. TOTAL = 176

+ in separate bag in package No Sign of D = 5  
Partial D = 2

+ ~~2~~ Marked # on Dev. egg 163

Inked numbers:

ID = Chicken egg styrofoam 3 total (1-13, 14-25, 26-37)

Empty Shells = E  
No Sign of Development = N  
Partial Development =  
Full Development =  
Full Development/Hatched =

EST. TOTAL =

(CONTINUED NEXT P. 45)

25-  
26-E?  
27-N  
28-N

1-11-99 AZ  
Monday

KRISTY MASADA Recording

VFW-5-98

Hannah Berner

Pedure

Bernard

Excavated

Emergence Oct. 4, 1998 (Day 50)

Excavation Oct. 7, 1998 (Day 61)

NEST REMAINS:

111 Empty Shells

38 Undeveloped

15 Partial Dev.

164 Est. Total

4 dead hatchlings

22 live hatchlings released.

See p 44

29 } triplet N  
30 }  
31 double N  
32 N  
33 N  
34 double N  
35 double N  
36 double N  
37 N  
N

20-N

21-N

22-N

23-N

24-E?

25-E?

14-N

15-N

16-E?

17-N

18- ~~empty~~ No egg

19- No egg

1 } double E?

2

3 ~~?~~ N

4 N

5 N

6 N N

7 N

8 N

9 N

10 } triplet E?

11

12 N

13 N

Date: Wed, 13 Jan 1999 17:45:04 -0500  
From: Skippy@DAR.CCMAIL.compuserve.com  
To: "INTERNET:gbalazs@honlab.nmfs.hawaii.edu"  
<gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Re: spanish version-19th Symposium website (fwd)

Pedure

The eggs in the carton were for the first nest excavation on July 27, 1998.

The grass found around nest #3 was Buffel grass (Cenchrus ciliaris). I picked up a sample this morning.

Loose in freezer

July 27, 1998

1 Nest Remains

Kihei Beach Reserve

excavation date  
Loose in freezer  
package

46

1-11-99  
Monday Ar

WOK  
FR

Karen  
Howay's  
Ho Low  
Leu  
Student

ID = VFW-3-98

Empty Shells = 4 retrieved hatchlings  
~~No Sign of Development = Sept. 10, 1998~~  
~~Partial Development = yellow postit~~  
~~Full Development = 4 x 6 note card~~  
~~Full Development~~

Need to  
Correct my  
Kawabishi  
DATA  
SHEET

Found dead Hatchlings  
around Nest #3, were the  
the 75 dead Hatchlings  
was found. these 3  
were found 9-10-98.  
for Steve, I kept them in  
the freezer. couldn't bring  
them sooner, because

weekend  
Claudia Pauly  
Dawn Patrol  
VFW area  
ph. 374-9150

THE HATCHLING WAS DISCOVERED  
25 FT NORTH OF NEST #3  
ON SEPT. 10 BY A BEACH  
WALKER'S DOG. APPARENTLY  
FRESH NEST #3 AND  
LOST IN GRASS

Campout w/ walt family  
Leon, John Corey

Sat. Sun.  
16-17 JAN 99

PAPA BAY (KING'S LANDING)

VFW-3-98

Emergence Sept. 1, 1998 (Day 65)  
72 dead hatchlings collected

Excavation Sept. 2, 1998 Tues  
(Day 66)  
NEST REMAINS:

~ 148 Empty Shells  
59 Partial/Undeveloped

207 Est. Total

47  
48 live hatchlings  
7 dead hatchlings  
8 9/3/98 sh

(Glynis Nakai)  
Excavated  
Reduce

VFW-4-98  
Emergence Sept. 12, 1998 Sat.  
(Day 54)

Excavation Sept. 15, 1998 Tues  
(Day 57)  
NEST REMAINS:  
Damp Sand.

117 Empty Shells  
46 Undeveloped  
40 Partially Dev.

203 Est. Total

3 Dead Hatchlings  
17 Live (Released)



Smartparts  
(412) 539-2660  
weef

G&H Sterling Ctd. 8362 Pines Blvd. Suite 290  
Pembroke Pines, FL 33024  
(305) 438-7571

47

Tues

1-13-99 Fedex to Jim Casey #807328873965  
Pickup #570

Frozen  
dry ice

VIAL leeches;  
vial bladder parasites

(Tiger Shark tumor pieces)  
(Normal Tiger shark tissue)

1/13/99  
Tues

#807328874090  
Fedex 2 eyes EW JW 15163 (1-6-99)  
Paul Sensano (Haleiwa Harbor Master)  
TO Heather Zorn (Chuck Olive) NOAA / ERL  
Boulder, CO (303) 497-6241

Mau<sup>C.</sup> 8<sup>th</sup> grades Seabury Hall Drew Russ <sup>not sent</sup> 876-1052

Sadie Curry = email  
Joel Lackovich

1-15-99 Bill Newman Scripps <sup>fedexed to him 1/20/99</sup> wnewman@ucsd.edu  
Friday Digital Photos in Gray Containers in A2  
3 vials skin barns collected 10) formalin 1) "old" kind  
KRC Platypos, hex 2) "N" = clings? 3) MIX twe  
from 1-13-99 ID Lahaia, Maui Skippy  
6213 SCL CCL-6610 67.216g

Mon

Friday

19-22 JANUARY HONOKOWAI, MAUI

DME, GIB, Marc Rice, Jill Zamzow

2 hand captures at Nohonani, 1 Malahwan <sup>3 animals skin barn collections</sup>

NOHO  
MAUI

one logger (Turtle House) Retrieved; 1 not found (Zeus Carr)  
3 deployed - Turtle House; The Rock & IRON wreck Malahwan.

Need? C.T. Ticknor 667-6706 works w/rel Rice  
"Turtle Research Stations"

~~W/ham/maui~~ ~~Bill Newman~~ ~~Don~~

Kahului 48

Honolulu Ave Tues 1/19 7:14 6:15 am

need 1/28/99 reservation kahului

DIVISION OF AQUATIC RESOURCES - MAUI  
DEPARTMENT OF LAND & NATURAL RESOURCES

G566 G588  
G567 G569  
130 Mahalani Street  
Wailuku, Hawaii 96793  
Phone # (808) 243-5834  
FAX # (808) 243-5833  
January 10, 1999

skippy =  
Reburied?

To: Emily Gardner, Endangered Species Specialist  
Through: Bill Devick, Acting Administrator  
From: Skippy Hau, Aquatic Biologist  
Subject: Dead Turtle Carcass Buried at Beach Fronting Kamehameha Iki Park in Lahaina

On Tuesday evening, 5 January 1999, Mr. Kimo Falconer (Ph.#667-5975) called me at home and reported a large turtle carcass on the shore at Kamehameha Iki Park in Lahaina. He said it was one of the largest turtles he had seen. He described tumors on the animal. The area was beginning to get dark. He did not notice any metal tags. It appears that it might be another female which may have nested at French Frigate Shoals and could have been tagged during nesting season.

I drove to Lahaina to inspect the turtle. I also brought a shovel if it needed to be buried. I was scheduled to be with Mike Yamamoto and Annette Tagawa most of the next day to inspect locations where exotic species have become established.

I went to the park and was directed by someone sleeping on the beach where the turtle had come up. It was a large green turtle with heavy tumor growths on its eyes, neck and the base of both front flippers. I checked and found each flipper had a metal identification tag. Measurements and slide photographs were taken. The four metal tags were recovered before burying the carcass at the beach.

The curved carapace length measured 97 centimeters. The curved carapace width was 88 centimeters.

A message was left for George Balazs about the tag recovery.

c: DOCARE - Maui  
George Balazs, NMFS  
Margaret Dupree, NMFS  
Karen Rosa, FWS

DIVISION OF AQUATIC RESOURCES - MAUI  
DEPARTMENT OF LAND & NATURAL RESOURCES

130 Mahalani Street  
Wailuku, Hawaii 96793  
Phone # (808) 243-5834  
FAX # (808) 243-5833  
January 11, 1999

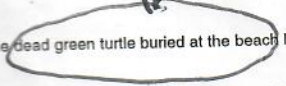
To: Emily Gardner, Endangered Species Specialist  
Through: Bill Devick, Acting Administrator  
From: Skippy Hau, Aquatic Biologist  
Subject: Green Turtle Tag Recovery

Four metal tags were recovered from the dead green turtle buried at the beach last week.

G566 was found on the left rear flipper. G567; G568; and G569 were removed from the other flippers. The tags were placed in an empty film canister and will be sent to George Balazs at the Honolulu Laboratory for documentation.

c: DOCARE - Maui  
George Balazs, NMFS

need



Received Slides from SKIPPY 1-25-99

pick up #65 fedex eyes TO feather 2 am 2/10/99 #807328874089

need

Date: Mon, 25 Jan 1999 08:38:02 -1000 (HST)  
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: SB from Maui turtles

9-17-93, Calvin Ah Loy (DOCARE) via Brooks Tamaye (DLNR-Maui), Baldwin Beach Park, Maui. No tumors. Small patch of SB + normal skin in 10% formalin sent to Dr. Cooke.

These are two other turtles that we collected SB:

4-30-93, Brooks Tamaye (DLNR-Maui), Kahului Bay, Maui. No tumors, shark attack. Tags 8468, 8470, 8471. SB in 10% formalin saved.

10-6-93, Stanley Okamoto (DOCARE-Maui) via Skippy Hau (DLNR-Maui), Baldwin Park (Paia), Maui. Tumors-3. Dense barnacle patch from ventral RHF saved.

1/25 Tue

1/26 TUES

1/27

need

1/30 Sat

Dot

See

need

CAST

S

1/25 Since 1983 of the "ANN C." 256-0411  
Junior Cross Miami Shark Tunnel 49  
Telecom ~~Nohonan~~ <http://www.choice1.com/nohonani.htm>

1/26/99 Fedex 38 Cassettes <sup>pick up</sup> olives + grass #150  
TUES: Javier - OAXACA (to) Terry Spraker  
#807351916488 biopsies from

1/25/99 ID 6-14-98 CAN. HAID FRONT Flippers  
Monday Amputee dead at HRF. Drain plug, water  
raised. Fresh necropsy at HRF. by  
Thiem work, No crop. <sup>Double</sup> Bones saved.  
LIQ Administered pin? Digital photos.  
Thick skull top - cut to remove brain. Saved.  
Title - Stricken of Polz Brewery

1/30/99 Notes on Polz Brewery video. Paul & DAD viewing 2  
Saturday music at title; HONOHOWAI MASI  
"EXAM by sea turtle Biologists...  
music good. healthy clam

TV monitor - Brews on shelf now  
Date frame - small tank  
good photograph  
date scene going under ledge \* to catch  
Telecom P&U

Scene Turtle on back  
Captions  
↑ why doing what looking at  
need - photo of 1/99 Polz Brewery  
CAPTIONS  
↓ Scene - Tumour Scoring  
Speculum use open only - not struggle  
Scene - open) Should cut off snipe

Mark knows Sally Beavers

Doug Watson 897-9985

Basking  
Bibliography  
Dodd  
home? Synthesis  
(Blue?)  
Sandra?

Video Review

Right Shoulder no good - delete

Scene Clinger collection - new occurrence

maybe related to disease,

Scene PIT Tag insertion

36 hours later

music at end for credits

Speak credits

2-1-99

for 4/20

Fedex # 807328874939 to Alonso  
gloss slides (Smears) from Oaxaca

2-1-99

Fedex # 807328874917  
literature etc.

need  
MARK VEKASY = phone?  
address?

Date: Tue, 19 Jan 1999 01:39:42 EST  
From: Laysan98@aol.com  
To: gbalazz@honlab.nmfs.hawaii.edu  
Subject: Re: dead turtle Laysan

George, dead turtle on Laysan was very decayed by the time we received your message. Collected a sample of muscle tissue, still pink but decaying and rather paste-like; will this be usable? Have bones from one front flipper, other flipper bones are missing now, but may be able to find in sand. Got shell measure, and also photos when freshly dead. Also have photos of tumor on live turtle. These are on my personal film, but I'll be happy to send copies once I get them developed. Just let me know address to send them to. Also read tag on small turtle, - 2 ft over curve of shell. Right front flipper, shiny metal cliptag W-945, -noon, 10jan99, beach north of camp at crosses. Hope this is all useful. Let us know if there's any other info you'd like. Cheers, Mark Vekasy, Laysan Duck Project field assistant.

Alive

days

"Resilience"  
sea turtles

"Hammer away at populations"

contemporary <sup>cultural</sup> & history

1/27/99 #710

pick Fedex

- Buy dive computer

1/27/99 #807 328874300

TO Dr. Bill Murray  
Scipps  
Skin Bands

1 vial  
1 vial  
1 vial  
1 vial

Harveth

407A40672F  
90% Alcohol only

1 VIAL

407A516757 1-26-99 Vial 1 1-26-99 Foremargin flippers  
90% Alcohol only 1-26-99 Vial 2 1-26-99 Skin bands

1 vial "MW" = small wharf 10% form TO 90% Alcohol 1-21-99  
Skin bands

1 vial "N60" N=new 1-20-99 10% form TO 90% Alcohol  
1 vial 060 O=old 1-20-99 " " " "

1 vial "PB" 1-21-99 in 90% alcohol only Polz Brewery -  
MTU

1/28/99 fides to Peter Dutton #807351916570  
includes LLO231 98/12/10 pick up 97  
ACG T002 Leatherback cones biopsy

JVB-T013 12/12/98  
LLO235 Leatherback biopsy

+3 vials w/ biopsy FL (1 cc, 2?)  
+2 Tern Is. juvenile greens

days (69, 63, 66, 57, 61)

BAEY  
52

- AA - need final ms copy Aquatic Animal Health
- Send Bill Neuman old samples
- Bill Cooke - get back sample

→ Skippy sent Aunt  
 itinerary  
 sent + working models reports (3)

Program Coordinator  
 List & Recor. Coordinator Mardlett Sablan  
 Vertebrate Species

28 JAN. 99 HAWAII HAWKBILL TURTLE RESEARCH  
 Thursday COORDINATION MEETING

Bill HWF " JSEB Merged  
 Gene - AO-SWR - workshops on enforcement & education  
 within 6 months (2 in wa maybe)

Need - list of all past meeting hawkbills

"State Beach Reserve"  
 ID beach sites potential

Bill Puleloa - nothing at Moomooi or Halawa

Kaheho  
 Kahahele  
 10 slides

Larry Halepa slide needs & travel plan aerial  
 Slide of transmitter turtle.

Potter - below ocean view estates

#1 = Goldish #29 greenish  
 Counterpart vouchers 2/8/99  
 mailed to Dennis Russell

2-2-99 Dinos Picked 362  
 Fedex TO Jan # 807328874284  
 10-21-98 Bag #1 Midway  
 10-21-98 Bag # Midway

2-3 FEB. 99 KIHOLE - Blood for T.W. immunology.  
 TUES - Wed. Mirice, GIBBSON, Brooks  
 7 Ingriders, 23 captured - pond &  
 # Highschoolers  
 Lagoon Hand Sworkel  
 19 records  
 4 new  
 - 0498 onset deployed to replace  
 - TDR 96370 / 9 on 248 removed  
 not replaced

Skippy - travel  
Steve - Award

"J" message to Bill Neuman  
#636 Osha 1/29/99  
pickup #807328874928

53

Gege Kelly cell 351-7451 - MOVIE  
Wanna try AIA - 586-2630 - consumer protection

Shawn - straw T.W. (Give MS TO YOU)

Dense - he's  
- GEORGE  
Seychelles  
Taiwan Give print to DME

2/2/99 Kittolo skin barnacles collected - 8 turtles -  
see visit ID's 258, 31E, 944, C6E, 150, 963(F73), 7753  
p.55 includes 4 from PINSTRON

2/3/99 Patrick Ching - 259-5354  
Carlton (children's author) 955-2778 #402  
Hal Richman - 236-7409  
need EFIN - Turtle Petroglyph etc. ALOHA AIR KONA AIRPORT  
96826

Need

I received your request for Petroglyphs : Raitea Bora-Bora Huahine  
inventaire archeologique de polynesie francaise. There are 2 copies in the  
state that I am aware of. Unfortunately, I am unable to borrow either of them.  
Both the Bishop Museum (they charge \$) and the Hamilton Library Pacific  
Collection only loan materials if they have 2 or more copies. Both libraries  
only have one copy.  
If you wish to walk up to Hamilton Library, 5th floor, and look at it (bring ID),  
the call no. is UH PACC GN 875 .F74 P48 1988  
If you would rather go to the Bishop Museum Library, the call no. is GN 799  
.P4 P48 1988  
The book is in French. It has 12 pages of text and 51 plates.

Need

2/5/99 Julia Barbados 4 graphs # 8062-4748-3137  
pickup #420  
Noah Idechong  
pc@palauet.com = Noah  
Executive Director - Palau Conservation Society  
Box 1811 Kona State Palau 96940

54

whole articles  
"Cultural values, practices evolve yet are still valid"  
VANESSA - 637-2425

TPC Green

Turtle Resting County Depression  
MEET ME

HI 182Rc 12 Noon  
2/16/  
PUNALUU  
425PM PL 221  
2/17

ATT  
2/8  
930AM  
HST

M51963  
45 MIN 7:15 hours  
DIAL Direct  
700-991-4844  
Access 1-9811 controller

Yvette (352) 2154

Fed participants call  
1800 545-4387

conference code 45033  
FD#  
M38079  
700-991-4886

Assist # 0 = operator

Ray (352) 466-0018

Turtle

Man and Turtle in the Central Caroline  
Mike McCoy  
Micronesia  
207-221 1974

Telecon ECOHAB process. - Telecon w/ JAW  
2/8/99 huge program - in JAW's Agency

Kevin  
Terij Rowles  
NOAA coordinator

2-8-99 ID - kua'oa live strand to Makai Clinic

2/15 Telecon conference  
Ray Carthy, Jan Landsberg,  
Yvette, me.  
KAREN Holloway  
Lewis student  
President's day



NORM P.34 596-8070 "Sick & TIRED" SEASICKNESS "DEATH RATE" EAST ASIAN Basket Co. 861-DOA 8490 at Airport Rice cake 55

Brian McNamara former observed 597-8865  
VideCAS = 7 loggers; 1 leatherback. Give me data. HAS A Video.

JAT "Photo finish" 521-5617 533-3111 enter Novanu 2day  
9am-3pm Sat. 676 Green Byron

need @ Claudia Johnson, 167 Aberdeen Court, Geneva, IL 60134  
FRANCIS → Digital Light = 847-6453 596-0550 #9 each  
for slides 2K text need 6"x4" 300dpi 200dpi

pineapple Miguel DONOSO Instituto de Fomento Pesquero, Huito 374 VALPARAISO, Chile  
pinepub.com <mdonoso@ifop.cl>

need - Lotus  
- Aisake

Brian Gill Curator of Vertebrates Auckland Museum  
Private Box 92018 Auckland, NZ  
gill@akmus.org.nz

(Keuper-Bennett = howzitt@turtles.org  
Peter Bennett = how@turtles.org)

2/8/99 #809328874321 Fedex 8 vials hiholo  
skin hairs to Bill Newman (see p. 53)

Telecom 2/9/99 Bill Mullen Chicago Tribune (312) 222-4674  
(SLP return) (312) 222-4130

56

- Not cooperative
- VP responsible
- no spirit of Collaboration
- FL - centered
- not timely
- disrespectful

SWFSC  
 Conducts research  
 support recovery  
 and management  
 build sustainable  
 fish fisheries of fish

Discoveries  
 Tumors seen 2 years ago

Cindy Bryan 965-6237  
 Coastal Recycling in Puna

8 seen  
 8th Monday  
 11AM

Pottorhi  
 visited P.O. Box 2149  
 site 5/2-16/99  
 PATTOR, HI 96778

BOAT  
 PAUL  
 ISSAC  
 HALE  
 PARK

Sturtles  
 on rocks  
 all w/ Tumors  
 Tidal ponds

up to 6 on rocks  
 Boat ramp  
 at night

Cynthia Vanderlip  
 599-5888 808-421-3423  
 (many turtles hauled out along Limestone of AOU 3/54)  
 Heavy tumor turtle  
 Bob Deelay Midway Recreational Planner  
 24/216

Two kits Returned used - 2-10-99  
 25861, KIT RR, 1 day in, 9 off - by observer  
 Kit NN 2/4 cycle -

Sent Freda Army Chavez (E report) #8072-4237 7/44

2/4

M  
D  
S  
M  
M  
M  
C  
L  
P  
T  
T  
B  
S  
S  
S  
H  
H

How  
 report  
 Sec 4  
 570  
 830  
 485  
 2/18  
 2/18  
 2/18

Hono Airport 836-6641  
Security Hilo 934-5863  
state 836-  
L 6547  
Katy book = no placemark for  
4 407 4460930  
TAMARICONSULE = TEL = Tapped Economic Kevin  
& Cultural office 595-6347 photos 522-8247 57

835-3700 lost & found 245-6518  
Hawaii Air

Sent National - Stephanie T-shirt  
Hilo Airport  
General Lynn Field  
Hilo, HI 96720  
935-0891

P.O. Box 1350  
Puunene 96784  
Maui

2/17/99 Judy Edwards (808) 879-8360 Saw it 2/8/99  
Sent Telemark Y-260 Left + others  
pictures take Kipolo flipped over and dead, bod hi @ maui.net

2/17/99 Telemark 956-2860  
KUMABE Stuffed turtles - Hanalei Bay  
need sea grant (Touching - Riding) Education

need Kyle Telemark Photographs  
American Way IN Flight 737-2237

J629 2/8/99 upside down dead wedged in rocks  
Ms. Sidne Long

1493 PASEO NORALES  
Alamo, CA 94507

2/19 MARCELO AND LOCATED AND STAVAGED

2/18/99 Sent Terry Burgess 961-8695 removed large swimming  
2319 Kalamole Street 96720  
MARCELO

Pickup 546 3 (air tickets) #807328874402  
Felder 807328874387 HAW  
807351916503 spraker

AMY 3/9 FL 1 CO  
215 Mannin

"Five Temples in  
10 hours: GODS,  
GHOSTS, GRACES and  
Turtles of the  
Pentti Islands"

see p. 28  
p. 3 p. 4

2-10-19 Angela Correa-Fei  
St Vincent School - info on Turtles

TAIPEI TO MAKUNG  
40 min jet

11

TIEN-HO TEMPLE  
Tien-ho Temple, otherwise known as  
MATSU, is the most valuable of Makung's  
relics. It was constructed in 1592,  
during the middle of the Ming Dynasty,  
which makes the temple the oldest of  
its kind in Taiwan

See  
page 3,  
p. 28, 59, 64

Temples - built in an exquisite &  
elaborate manner

length = 96000 population  
MAKUNG CITY = 60,000

49 sq. miles  
126.86 Square  
kilometers  
49  
1.6 2.6 127.0  
1.6 104  
230  
234  
1.6 96  
1.6 2.56

MASS  
Homeily  
Bishop  
Francis

- Chinese New Year
- Family
- Long life
- Blessing of home
- Prosperity
- Fertility
- Good Fortune
- Honor Ancestors

64 islands (20 populated)  
97 villages  
174 TEMPLES  
(and more being built each year)

Year 2000 (from Amy 3-10-00)  
• 3/23/2000 Lunar Calendar  
as MAZU Birthday  
• 3/5/2000 Lunar 15<sup>th</sup> start  
of procession celebration  
8 days START 12 AM  
4/9/200 Western  
Calendar

change UA  
need NW  
CO 10 AM 1:55 PM

TAIPEI  
need Cheng  
until 3:30 hold  
EVA AIR  
CONF.#  
OLX3VD

PPP-608-1999 CO 9015  
BUSINESS  
9 April 2:35 PM 7:35 PM 10:00 PM  
16 April 9:25 PM 12:30 PM Friday

Penghu 97 Villages 174 Temples  
64 islands 20 appointed  
PESCADORES = FISHERMAN ISLAND  
TAIWAN STRAIT  
Fish + Squid

TOURIST  
GUIDE TO  
TAIWAN

When you travel here, it seems you are in Paradise. She is the monstoun of sea, pretty archipelago, the "Hawaii" of Taiwan. 2 Million visitors a year. Tourism, Fishing, Agriculture - Melons, Peanuts Villages. East China Sea/South China Sea (Penghu ACE - Bridge Point). Hot Summers/Cold Winters. STRONG monsoons from the NE. 160? year 610 Cheng-Lin dispatched to occupy. 1171 Penghu part of China. Chinese Culture transmitted TO TAIWAN VIA Penghu \*

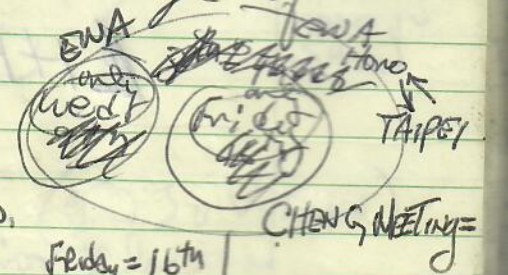
↓  
BEACHT AND CORAL  
Turtles SAFE Passage at sea.  
"Penghu is an oceanic county. Most of the residents live on fishing. Facing the changeable nature, it is more violently required for them to pray to Gods. So they respect heaven and earth and are afraid of ghosts and gods. Due to this factor, the density of temples in Penghu is the number one in Taiwan, and the temples are very luxurious."  
"Penghu's coastline is very long and most of the residents live on the sea, so they have to face the challenge of evil waves"

CHINA

# 1940

Wed = 7th	Sat = 10th	Tues = 13th	Friday = 16th
Thurs = 8th	Sun = 11th	Wed = 14th	
Friday = 9th	MON = 12th	Thurs = 15th	

CHENG MEETING =



need Silver Elite V call Friday night

60 - Dwe logs = January 1 and Feb

Need - photos of me giving talk

CANDLES  
- Frozen Rice Twiggies  
- Chicken Corp  
- Insease etc.

PAPER GTE - 9473840 Fran #4654

7878  
7878

cell phone ANNAOKI 544-8723

ID very #2 - MAC LINIC  
2-23-99 Active. Dwe 1 = TS 3  
HOWARD, - hauled out Mild emaciated

KAINA Bay  
2-24-99 release  
Khan  
Bash Tank

S - 50.1 (49.9) x 38.1  
C - 54.0 x 45.5

Need to SHAWN

LEye 1-#3

REye 1-#2 1-#1

RH 1-#3 1-#2 3#1 LH 1-#2

TAIL 2-#3

LFF - 6-#2 1-#3 4 #1

RFF 2-#2, 1-#1, 1-#3 RING BASE RFF

(L & R Jaw hinge 1-#1 each side

Roof of mouth 1-#1

Neck - 6-#2; 3 #1

407A3B6979



LFF

407A335A44



LHF

407A305A37

BOA yucca check #100 #100

MR. DOB 5  
Savered  
Hearts 61  
Guitar lesson?

2/21/99 Sunday MAELU - Live strand.  
Felicia Rappard. Entangle - Strangled RFF TO MAHAI  
Letters in file. Tues. 2/23 TO KRF.

2/23 (ID 1-13-99) MAUI RFF Head injuries to Mahai - XRAY ->  
Back TO KRF (I took them, put in tanks)

2/23A; 2/23B/99 Picked up by Kristy - MRS. Sherman, Nancy Halowe  
KAWAII <sup>Laid there when approached</sup> on rocks. TO MAHAI. Both AT Clinics  
vigorously

2/23/99 c SKIPPY HAW HONOKO  
MAUI 170lbs with container - TO Airport 3PM,  
AIR Bill #57919683 \$86.70 Aloha CARGO - (836-4191)  
Pickup by GMB 7PM!

2/23 late PM Teri Burgess Richardson Ocean Center 935-7536 home; 961-8695 w/h.  
Heavily tanned, no tags on shore since 10 AM.  
Halochee = 974-7364 home 959-5989  
TO HILLO DUNNAGE = #57920542 LEON 974-7364

7728

Need to show

2-23-99 ID MAHAI RFF Unpatched MISSING

Release 2-24-99

FBty MITC em association

Beach Park

TS-3 overall

RFF 2-#2, 1-#1

LEYE 1-#2 AVISUAL likely

TAL 1-#2

LFE - 3-#2, 1-#3

LHL - 1-#3

RHL - 1-#3

REYE - 1-#2 1-#1 (50% vision)

Jean & Sente - 1-#3 anterior plastron

LH 1-#1

RH 1-#2

Need to show



- Phone Vicki - perm.
- Dutton - Molly? Margaret?
- Carrie Allen - phone
- ~~Frank~~ EP, Iisterson? Saul P.K.
- ~~Frank~~ Landsberg - J. BAKER

24 FEB 99 met with Gene & Margaret - Gill Net TASK -  
 Wednesday Sea Turtle Handling Guidelines

2/25/99 7:30 AM Phone Conference w/ BAS/Theresa  
 Thursday Kannela, Nitta, JW, MD, Mike Laura, Pierre, Kevin,  
 Hooker, Skillman, Dutton

J-hook - STRAIGHT SHANK "bought"  
 9.0 hook

KEM

nearly 300 million hooks Pacific  
 15 million Hawaii-based

699-1386

How to cut line off.

need - Alan's report

39770 ROE, PAUGH RD  
 Temecula 92591

2/27 Sat. Filosis 55g 49cm RFF injured - tetanic - Kereshe MCS  
 TO MAC.

EU TiW.

2/28/99 FD Cahaina Maui - Russell Shup  
 upside down flounder, TO MAC. Breast stake  
 TO KRF. sick to eating? weird!

Release Kawaiiki Beach Park  
 TS=1 2 #1's ; 1 - suspicious bump eye.

J  
M  
D  
S  
M  
M  
M  
C  
L  
P  
T  
T  
B  
J  
K  
S

EU  
 Necessity  
 HAC. An. A  
 T. W. S.