

APRIL MAY

2 of 3

2010-alco™-2011  
 Composition Book  
 Name ~~UNKNOWN~~ Street Law APRIL  
 School FEB. 26, 2010 - FEB/MARCH  
 Grade /2011  
 GEORGE BALAZS



Logway Book  
Distal Book

"Keep them  
in the dark"

284A151E036A

N=12 Released by  
Gtb across SLTH  
from 845pm

N=6  
Jeff applied

1-2010

Sunday N=6  
George applied

①  
4601741E7E LH  
46075A6408 RH  
SAME TURTLE

46075A6B43 X

4607400B65 X

②  
46017F5168 X

4603665C4F X

③  
4607613A38 X

46073E1909 X

④  
4602292119 X

46017F4322 X

⑤  
4607723758 X

46080A3447 X

X w/out  
IPIT  
FKS

Monday XRAYED  
8-2-2010 MAC  
Group of 6

X-rayed Monday  
8-2-2010 MAC  
Group of 6

Date: Sun, 25 Jul 2010 13:33:49 -1000  
From: Robert Morris <morrisr005@hawaii.rr.com>  
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: hatchling

Microchip # 067F (last 4).--Turtle has no external injuries. Seems weak with somewhat limited use of R front flipper. Microchip area looks good. Will see how it is this PM If release is questionable will wait until tomorrow. Prognosis is very guarded-- may die. Will freeze for you if dies.--RM

8 + 9 = 17 CAPTIVE

7 + 8 + 26 + 10 + 39 + 7 + 50 (197) + 12 + 25 (234) + 1 + 55 (291)  
+ 1 (291)

020

(81)

N = 25

Saturday

JULY 31, 2010 (By Jeff Pawlos)

book name  
book



4602406B27

C76



470B5C6576

C56



47096C0B68

C75



46080B242D

C55



470C7A7B53

C77



470C6D6475

C53



470D151355

C74



470A1F5270

UNKNOWN



467D316D4E

C73



470D151D3D

UNKNOWN



4709621542

C72



470A0E4A30

UNKNOWN



470B1F5F6B

C71



470A231D62

UNKNOWN



470A4A4722

C70



457C3B2362

UNKNOWN



4607534A20

C69



470B5A6C78

UNKNOWN



470D0E4F46

C66



470A72353E

UNKNOWN



4603651C45

C65



4607565034

C62



470A434555

C60



4608053B24

C59



470D0E412E

C57

Aug 2010

Wildlife Computers (MTRP),  
(35) SPOT 5  
(2) MK9

Wildlife Computers (EOD)  
(15) SPOT 5, Shipping soon ✓

Telonics (MTRP)  
(1) 2639 paid via credit card, already delivered  
(6) 4510  
(7) 4410  
(33) 2639, [9 of those delivered on 7/14/10.] ✓

4A3E615E4R

46071D3C57

4A15687F43

4A5C2C8262

4607502R

(83)

D-11-2010 SLP

size <sup>EXISTING</sup> WM-25 Present imbedded R3-45

TRAINED  
Beth IN  
PIT Tagging

4608100B2D

LH

SCL-  
39.6 cm

46071D3411

RH

2008  
hatch  
SLP

no size present

2

4602361B52

LH

28.2 cm

POINT 27  
ID

2009  
hatch  
SLP

46074E7416

RH

YW42 size 1

3

460730233A

LH

SCL-  
31.1 cm

2009  
Hatch  
SLP

4609

4602346E08

RH

POINT = 42

3 of 3

3 of 3

8-10-2010 N=25  
AU By Jeff Pawelowski

4A151F2B3B



C98

4602181B79



C91

4607751E41



C96

460226071C



D4

4607752054



C99

4A424F7C0C



C92

460771717C



C78

4607743424



C90

46021D642E



C80

4B066C256F



D1

460773645C



C79

4A624D7167



C89

460773674B



C82

46073F3655



C45

4601663E76



C83

460735050F



C87

4607723A27



C84

4B0B72135E



D2

460769555E



C85

4A3A7D4114



C93

4A3E615E4A



C86

46071D3C57



C88

4A15687F43



D3

4A5C2C0262



C94

46077E5D0B



C97

(85)

8-12-2010 EOD & MTRP

Presentation

Ali Ren PIFSC Intern

- Includ
- Coastal?
- Magnet?
- Corest temp = 15°C

Dusky

Alice Ren @ Duke.edu

47 PA

PSD Staff

~~PSD~~ - killed one shark Trig worming-seal with a et al. Elepaio

"Super Week"

Historical Ecology of Sea Turtles in the Pacific

PX12' postits

paper "Epidemiology of FP" accepted

Question - If he can't communicate/have with us, how can he with PIR?

IACUC ?  
Renewal of Modification?

Died - Painted  $\text{P} - 15 - 2010$  " Sunday  
 N=3 Suspect - D | 90 | 88  
 " biggest pottiest

Paint G - odd pit placement - slighter slowing end of PIT.

Paint PINK - MOB N=6

Paint PIT "C" - Dead 8.15-AM Sunday  
 47-PAID 27 A/B  
 got contents "no body cavity"  
 High INTESTINAL Breach  
 Necrosis - RM MAC  
 Acute dead 8/15

Paint PINK TO BOTTOM A/B  
 IP Antihelminthic  
 BTRIC

5 X RAYS TOTAL ON  
 8-15-2010  
 DIGITAL 8/15/10 MAC

N=16 TOTAL	#1	3	"puffy"	NO. OF TURTLES	3	88	90	D
	#2	3	MOB	Paint	3	87	A	I
	#3	3	MOB	Paint	3	93	G	91
	#4	3	Paint	85	92	94	slf	
	#5	4				86	B	F

in photo left to right



Table 3. *Chelonia mydas*, *Eretmochelys imbricata* and *Caretta caretta*. Bacterial diseases of oceanarium-reared turtles. No. affected in parentheses

Disease	Pathogens isolated	Species affected	Prevalence %
Traumatic ulcerative dermatitis	<i>Flavobacterium</i> sp. and <i>Pseudomonas</i> sp.	<i>C. mydas</i> (2) <i>C. caretta</i> (1)	20.0
Ulcerative stomatitis	<i>Vibrio alginolyticus</i> , <i>Aeromonas hydrophila</i> and <i>Flavobacterium</i> sp. <i>Acinetobacter calcoaceticus</i> and <i>Pseudomonas</i> sp.	<i>C. mydas</i> (4) <i>C. caretta</i> (2)	40.0
Obstructive rhinitis	<i>Flavobacterium</i> sp. and <i>Pseudomonas</i> sp.	<i>C. mydas</i> (1)	6.6
Bronchopneumonia	<i>Vibrio alginolyticus</i> and <i>Flavobacterium</i> sp.	<i>C. mydas</i> (1)	6.6
Keratoconjunctivitis – ulcerative blepharitis	Causal organism not identified	<i>C. caretta</i> (1)	6.6
Peritonitis	<i>Pseudomonas</i> sp.	<i>E. imbricata</i> (1)	6.6
Septicaemia-toxaemia	Suspected on histological grounds	<i>C. mydas</i> (5) <i>C. caretta</i> (1)	40.0

changes associated with these abnormalities closely resembled those already described in farmed turtles (Glazebrook & Campbell 1990) as did the pathogens (*Vibrio alginolyticus*, *Aeromonas hydrophila*, and *Pseudomonas* sp.) that were isolated from lesions. In addition, *Acinetobacter calcoaceticus* was recovered from the oral cavity of loggerheads.

Keratoconjunctivitis and peritonitis were diagnosed infrequently. They were caused by superficial trauma and notches in marginal scutes which are used as a means of identification by the Queensland National Parks and Wildlife Service. Septicaemia-toxaemia was closely associated with traumatic ulcerative dermatitis, ulcerative stomatitis, obstructive rhinitis and broncho-

pneumonia. Degenerative changes in the kidney suggested the presence of toxins.

#### Parasitic diseases

Parasitic diseases are listed in Table 4. Cardiovascular flukes (Digenea: Spirorchidae) were a prominent feature (5/15 or 33.3% infected) of larger turtles (sub-adults and adults) on Magnetic Island. These specimens had been caught on nearby reefs viz Middle, Broadhurst and Wheeler (Fig. 1) and kept at the oceanarium for varying lengths of time (up to 3 yr). Both auricles and the ventricle were occupied,

## A survey of the diseases of marine turtles in northern Australia. II. Oceanarium-reared and wild turtles

J. S. Glazebrook, R. S. F. Campbell

89

GT HATCHLINGS BORN AT SLPH

N = 55

8/22/2010 BY JEFF PAWLOSKI

CONTINUED  
8/22

4851272A38

470B22063D >D32

470B433A7E D13

470A

470B42776C

483B444B33 D16

460773787E D19

470B5

470A096424

48514B6630 >D5

470C304B7F D15

470C7

470A393276

4709756555 >D26

470A0A3D35 D9

470D0

452842012F

483A106E6C >D28

46022F775B D21

467C4

4523016467

485147145B >D12

470962570F D10

470D

45263E2E07

4853447425 >D23

470C27774D D11

46077

4529761F2A

4607752177

483C1E6C4F D7

46021

4522317A6E

4608117C30

4830195669 D24

4607

4527647C6D

460235477A >D34

4851523870 D6

4602

452A344F38 >D56

4607620802 >D44

4853342F69 D15

4527434F6F >D54

4601645966 >D43

483E0B0553 D14

45232D3618 >D53

46016D5806 >D33

4850160F09 D8

4523101A73 >D55

4608054D0E >D36

48534C452C D20

4608060B2A >D45

46024B294E >D42

483B263C2B D27

8/31/10

CONTINUED  
8/22/10

470A13347F D22

470B591F18 D30

470C757430 D17

470D0C406A D18

467C4E2A6C D31

470D184410 D29

4607752812 D35

46021D280B D38

4607433737 D39

4602437B2A D40

N=1  
8/27/10

4524093E0A

Saturday  
9/24/10 INSPECTED 16  
posthatching turtles w/ Jeff.  
All outside now in separate float  
containers, only "G" shows buldge  
- maybe increased, tiny tip of PIT  
showing.

11/1/2010 EXAMINED 10  
Monday outside (note 6 of above  
sent to MOC). ALL look excellent  
w/ but sig. variation in size.  
"G" has buldge but no glass of  
PIT tag now showing & buldge  
is more anterior w/ scales.  
6 of these will be sent tomorrow  
to the Maura Lani.  
"G" should be LH 470A08767A


8/31/10 EXAMINED 10 being reared SLP. "G" bulged but  
end of projecting TAG overgrowing.

95

A 2 <sup>Freezer</sup> EGGS processed 9/7/10  
Tuesday

① "Kure Atoll 9/24/2008 21 eggs  
Turtle EGGS Nest 1" ALL INFERTILE

ALL  
w/ Atoll

② Dehydrated new hatched hatchling with  
"NOAA" "XW49" Size 1 TAG = 

③ 9/20/08 TN 48 LAYSAN (JAR#1)  
4 decomposing embryos

④ "Laysan BT hatchlings" 15 Sept 08  
TN 28 2 severely decomposed not saved

into

⑤ Laysan 13 Sept 2008  
TN 24B (JAR#2)  
1-Mid term embryo saved

⑥ Laysan 21 Sept 08  
TN 23 (JAR#3)  
1 advanced embryo

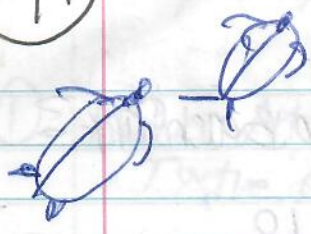
⑦ Laysan 13 Sept 2008  
TN 24B 1 Advanced

⑧ Laysan Summer 2008 hatch  
"NEST TN 47" 4 Decomp hatchlings (JAR#4)

⑨ LAYSAN 30 May 09 LAY (13 Aug 09 HATCHED) (JAR#5)  
TN 1 3 advanced, 1 Mid-EMBRYO S

97

Donna  
32 Sep



www.puuohoku.com

Terry Fleming  
GUEST SERVICE MANAGER  
RETREAT BOOKINGS

PUU-O-HOKU RANCH, LTD.

PH: (808) 558-8109  
FAX: (808) 558-8100  
e-mail: hoku3@aloha.net

P.O. BOX 1889  
KAUNAKAKAI, MOLOKAI  
HAWAII 96748

9-8-2010  
TO DONNA  
BRONW

### Award of Commemoration

In Recognition of a Decade Partnership with the NOAA Pacific Science Center involving the and Research of Stranded Marine Turtles on the Majestic Island of Maui.

Presented with appreciation and admiration to The Marine Option Program of the University of Hawaii Maui College, emphasizing the numerous students contributing to and educationally benefiting from this special partnership.

PIFSC/PSD Marine Turtle Research Program  
Awarded by Georgetown Balazs  
September 2010

MOC  
N-6  
2010  
MATCH

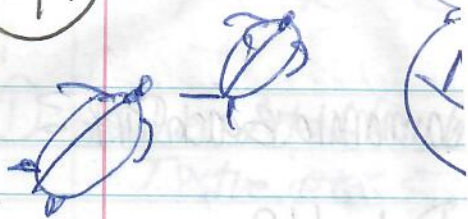
PAINT NO.  
A  
F  
93  
I  
87  
91

Last 4 digits of PIT  
5672  
5942  
2131  
7A6C  
163B  
3332

Bulge left hind

All Have some BLACK pigment TO PLASTRONS!

97



A BROWN  
OUTH LAU HOE  
LAHAINA, HI 96761



da tion

ds of Outstanding  
Islands Fisheries  
Rescue Salvage

9-8-2010  
TO DONNA BROWN

Awar

In Recognition  
Partnership with  
Science Center  
and Research of stranded Marine Turtles on the  
Majestic Island of Maui.

Presented with appreciation and admiration  
to The Marine Option Program of the University  
of Hawaii Maui College, emphasizing the numerous  
students contributing to and educationally  
benefitting from this special partnership.

PIFSC/PSD Marine Turtle Research Program  
Awarded by Georgette Balazs  
September 2010

MOC

N=6  
2010  
MATCH

PAINT NO.

Last 4 digits of PIT

A  
F  
93  
I  
87  
91

5672  
5943  
2131  
7ABC  
163B  
3330

Bulge left hind

All Have some Black Pigment  
TO PLASTRONS

MAUI September 8, 2010  
HA Depart 8:10 AM Kahului

Kahului Power Plant 9:30-10 PM  
only 1 turtle - was out offshore.  
Low tide, L.C. abundant & exposed,  
especially noted to the east past turtle-watching stone

Need to

Schedule MOP MANOA - Jeff Krabera, Cindy,  
Sherwood (?), Stephen, Tyler  
List of students. REGINA.

stopped at TRIPPX surf clothing store.  
Drove ~ 10 AM to Maalea - SNACK AT  
Carls. Drove to Oluwala - off road to take  
pictures of Award plaque. Drove to CAWIPKO  
Park - turned right at stop light, then left at roundabout  
to dirt, then right to DONNA's house - 5 ACRES. Met  
her husband George.

Noted on the way 0.5 mile marker 11-14 is Oluwala  
swamp area. Drove to MAUI OCEAN CENTER  
Restaurants - Met Skippy and Glynnis, ate  
lunch at former Blue Marlin. Presented plaque,  
photos. Walked to MOC. Met by Jim Lubbe, Corissa,  
and Kate Z. Beautiful mosaic sea turtles  
on floor of entrance gate. Went to hatching  
display near large turtle display 2 of 6 200  
hatchlings here. Older larger ones in main pool.  
inspect PITS in those 2, then walked to outside

Took

MPD 628 police patrol car.

See PRIOR PAGE.  
tanks for other 4  
one with BULGE AT TAG SITE "BULGED" BUT  
normal unerupted when at surface.

"93"

(99)

MAUI

9-8-2010

Wednesday (CONTINUED)

Good 3 Bags eggs from Skippy

Drove Donna back to her home (she could go to the airport to pick up brother visiting she hadn't seen in 3 years). Then drove down to Kahana (MacDonalds), then to "S TURNS" (POHAKU PARK?)

~ 4pm

very little sand, Lahoma side. Walked (in Kahana direct - 8-12 Adult turtles foraging on rock a short distance from sandy shoreline. Two were on elevated edge (driveway of park) 1 on sand watching + photos. Calm water on slight waves. I took many photos.

After ~ 15 min more people came standing at sand in shallow water watching turtles ~ 15 ft. Snorkeler swam out around (no response for turtles). After ~ 10 min more man

They're "standing on their backs"

in white pickup cab with Pope rocks (contractor Co. Name and logo) pulled up and stated loud to everyone you know you have to stay away 50ft its the law' (paraphrased statement). I quietly told him "that's not really true - maybe

he's mixing up with monk seal laws. Continued insistent, then drove off. ~ 5 min later

a MPD patrol car came into parking lot. I spoke with officer. Gave him my card he said someone made a report, so he was responding. I told him no harassment seen (45 min) of watching people just enjoying turtles.

Return HA 265 - 6:37pm

Honolulu 6:50 pm

Turtles all over Maui - that's the good news





(101)

YUCCA VALLEY Sept 9<sup>th</sup> - Sept 15

Installed front and back green doors

Plot in report Thursday

7:30 am back in Wed Hawaii

Performance review 1 pm - 3 pm

9/17/10 Monday

Feedback ocean-captives

SKM - Kyle (skeloto)

September 21, 2010 TUESDAY

MOLOKAI - Kawaloa beach (egg pickup)  
2 Award Plaques - Medeiros Bicoy  
checked

Have 5 packages by Nov. 1. 9/23/10 (STACY'S DUE DATE)

PSD Staff Meeting 130pm Thursday

Call for "Call for Milestones" by end of month from Sarah

Healthy/Prevent  
Mark good  
EXT. REVIEW  
TWs  
Bogs

FN quest vs visitor (on site 1-3 days)  
(longer than 30 days)  
↑ 1 day in advance

Scott is the POC

KAHOOHAWE  
KIRK may end soon.

Need email  
Marie  
Rescued g.t. trapped in debris

P5B STAFF Meeting

"The Searcher" UP to 20 days a year  
5K day + 1504 day FUEL

shank pop-up net - never used ALFFS use off season Charles

Bring Laptop into office?

ENTergistics of Leatherbacks Todd Jones + Kyle  
- Kyle - KRF tank use

Sept. 27, 2010 Monday  
10AM IACUC meeting teleconference

PAIN vs Distress Behavioral change

Nov. 12, 2010  
Friday IACUC Phone Conf. Meet 1100AM  
larger term mid.

9/28/10 2 JAPAN TELONIC TAGS

6/24 Fedex Sent to CNMI  
JOHN STARMER  
ID 22979 Tel. # 643137  
FR 22981 Telonics # 646183

Fedex # 8721-6657 - 0810

103

LANIAKEA 26 Sept. 2010

Sunday

HEWITT  
TO LANIAKEA  
Book # 158  
see p. 158

GB to Lanika following ~ Noan phoned  
from JOANNE that he out to book.

239.5# weight removed  
- 18.7# carrier 2:50 pm

SATELLITE tag - Saved.  
TOOK off 50-50  
Rubber pad.

212.8 lbs. 9/26/10

2 4mm skin  
biopsies from  
neck dorsal.

SCL 87.0 cm

TDR Carrier  
left empty.

Put in ANIMAL Carrier - Carried  
very close-by to shade  
for work up.

Released about 20 min later - Crawl  
to sea, swim out fire.

~~Monday 11-29-2010~~

"CRITICAL Risk"  
THECESTHID = CRT

40 year life span of bumpheads

Threat TALK > white/yellow / uncertain / likely  
Rusty-brained

Center of Biological Diversity

Proposed NOAA logo for bullet lines.  
83 corals proposed - 82 found as candidates.

Corals - Morphology dependent upon environment - makes  
TAXONOMY difficult.

BRT - Biological Review Team "DPS - only vertebrates  
CHANGING STORMS"

NO  
20  
Mousch

NO  
T

11/1  
T

11-2  
Mousch

MEGANO

send old  
STH  
ISSUES

TAGS

NOV 8, 2010

Feder 50. Sprep

Puu O Hoku Ranch  
PO Box 1889  
Kauai, HI 96748

TAGS TO LUI BELL  
TITANIUM STOCK BRANDS

(Faint R) 2276-2325  
(Small)

NOV. 8 - JOY BROWNING & GB TO  
2010 Molokai HAVINIA Currier  
Monday, Puu O Hoku Ranch + Eddie GARCIA  
HAWAII INSPECTION + FAGANS (Pohaku Pili  
COVE). need Eddie notes see p.109

NOV 9, 2010 KIHOLEO

TUES. INFLATABLE + Electric motor use  
TO PENINSULA - MAGALI VERDECCI  
N=14 PF

Deployed TAM 6/48 on  
19 year history green turtle -

11/11/10 - worked hula beach for  
Thurs. hawkbill old nest sites  
Bob Morris / GB / RICH CARVILL

11-29-2010  
Monday 9:30A

SCORE "BRT false  
Semis Room killer whale"

MEGAN / Rusty / EP / W / Kobayashi / BOGGS / Humphrey  
TEAM (8 members)

"Significant pelagic - more than 40km from shore"

send old SH + notes  
BRT Bump head parrot fish  
"Significant portion of Rouse"

29 Sept -  
17 October  
2010

"Rhapsody of the Seas" Royal Caribbean International  
Honolulu → Papeete TAHITI →  
1030 pm 10/5/10  
9/29/2010  
Wednesday

MOOREA → BORABORA → RAIA TEA →  
10/6/10 10/7 10/8  
Sydney (Crossing the date line lost a day)  
10/16 AM

Rented car, drove to Wollongong ~85km  
~2 pm stayed one night 10/16 SAT AT  
NANTREN Buddhist Temple.

7N18 "point of light" in main temple <sup>ADD \$100.</sup> one year  
for Hui-wen He and Cheng-yi Family  
(daughter to be born February 2011)

Oct. 23 -  
2010

TAHITI

Mick  
Sem  
Post

LISA

10/19/10 Special coordinating  
Tuesday Meeting ~~at~~ AT

10th Floor  
Conference  
Room

Jeff Semruff, Peter Dutton  
Irene Kelly, Frank Parnish, admin  
Lisa Van Atta, Patrick O'Leary, Karen Frutkin,  
Stacy Hargrove, Lance Smith.

BRTs = wikipedia site(?)

DPS categories  
district population segment.

Post-doc funding for background of BRT <sup>green</sup> title  
for BRT.

Mike  
Sensen  
Post Doc

Jeff <sup>TM</sup> Semruff - "huge amount of work"  
need to send him special BRTS report.  
2007 was last "status Review" <sup>TO ALL</sup>  
Irene - compile lesser known information  
Jobs also.

PI SSC

Center document being circulated =

Irene - Scilly 20k for charter for genetics

Tomo - vs - Kyle - leatherbook modelling?

AISA

"Terms of Reference" for operating Biological Review Team  
Check the book of Nationality Modelled in NW Salmon.  
Only Science issue.

Peter - loggerheads = ~~haplotypes~~ haplotypes spread in  
"genetics" = "haplotypes" south to north.

Nansei Islands - predominant Australia haplotype.

Council Report - listing <sup>Reporting?</sup> this.

Bias <sup>haplotype</sup> in Baza of Nansei Hoyt collections needed.

(107)

TO: Takes in pound nets. Ishioka thesis

Dec 2010 - tested 6, I worked but fishermen didn't want it due to being rigid  
need: Resend Hamezaki message - projects

Dr. Shiota & Dr. Abe

<sup>Find</sup> Scilly Bones? Lvi - genetic samples  
Taken Borabora

Dutton Presentation "Orphan Haplotypes"

~~FRONT~~

Grants Reviewed by PIFSC.  
Contracts not.

Makes no difference  
re science research  
if its a grant  
or contract.

Michael Molina. Guam Gerry Davis

Irene - Herb says Chris said "Go out and collect more genetics samples."

"Risks"

atmosphere  
pollutants  
NIS Technology

DISCUSSION  
KELLER  
Jennifer

TO Hawaii - work at the facility.

need

MUTUAL SPIRIT OF TIMELY  
and open FREQUENT COMMUNICATION



10-20-2010 PSD STAFF MEETING  
Wednesday 9:30am -

Need Permits -  
Rabbit Island \*

Design Committee - photo contest need

performance vs conduct (how we conduct ourselves)

WH: How et al.  
Elepaio

TO

IACUC?

Re Monk Seal parasites,

Jessie - Contaminants study - monk seals

MT 195 dead - necropsy Tiffany

Monk seal phantoms  
+ whale/rattles Viewing Guide?

NIST

Kerry Spoker - monk seal pathologist need

- ERIN

- Kathleen

- Jenny (?)

- Native Hawaiian  
Man -

109

→ Terry 538-8109 "hospitality" for PUPU HUKU RANCH

Another phone # 538-8550

10/21 Telecon James Astew DVM  
Thurs. SAUCIER Vet. Hospital MS  
(228) 831-4660

11/7/10 LAVINIA COURIER - Sweet \* 531-1167  
10658-0117 ← SB SPOKE w/TOM

10/21 Telecon EDDY GARCIA  
Thurs. 20 years living on Hokuwa  
Impact on hawk bill nests  
watchlyps. Campers. PUPU O HOKU  
LAVINIA COURIER Hoku Ranch

need to call him 11/1/10

Joy use only, break out campers, his Boat burned ~ 8 months ago.  
Joy Browning @ NOV 8 need travel CELL-

10/21 Telecon SYDNE HETZEL  
2312 KAAKA ST.  
HONOLULU 96822  
WAIALALOA BAY - BELLONS

See P.104

Bill Puleloa Telecon 10/21 Pihaku Pili beach  
11/6/10 Puleloa nesting 2 months ago.  
(Fagan's beach) nesting - small beach on Hoku Ranch property

TE MAN O T MOANA

NOV TH

Nov 23-31 2010 Moorea  
6 AM 26-27 NOV 2010

TE  
MANA  
O TE  
NOANA

1st International Symposium  
on Marine Turtles in French  
Polynesia" October 26-27, 2010  
Moorea

MIRI Cell 689-308-380 Office = 47-66-49  
MIRI

MAGALI VERDUCCI

Hawaii Cell - 808-223-1117

TAHITI Cell 689 709 475

ERIC CONTE — NAPUKA 1989 video.  
GOOGLE

PSD Taskleader + Fran Meeting with Sam

Nov. 15, 2010 Science Center at Hapiolani

Monday <sup>NMFS</sup> Science Director

- (1) Muroski left - need new one
  - (2) How BRTs operate, PIFSC accepted by all Centers, GRIN DID A LOT work load for each M.A.
- BIG science issues vs Big Management Issues

"Diligent"

Delete sent NOAA.GOV

need Denise - PINE & BUSINESS /  
USE "HELP DESK"

"KING GEORGE" - Bohbert - Newport OR.

PAID BAND

Reconsideration RATE/RATIO

NOV. 18, 2010 Feedback Meeting

Thursday

1.270

Score 81

337

\$10 BONUS

(111)

Fedex  
Shipping  
stopped  
turtle

Nicole DuBois  
2827 NW Lacamas Drive  
Camas, WA 98607

VIA ERIN  
Green

11/24  
Wed.

Local spearfisher 456-4100  
Josh - 808-645-6389  
PAPA COAST - "Large turtle  
Same place, "boys" - to  
the right of right away"

11/24  
Wed.

Call from 262-02840  
Sue White Re Campaign  
Earth Trust Pond

Sent

Turtle w/ metal on it.  
on her recorder p. "Sick person" sp?  
from KAROTHO  
96-1225 WAITONA D. WAITONA  
REPT City 96782 ART 2

12-15-10 - PSD staff meeting 930am -  
Wednesday

Send Flowchart

Liz - protozoa - Sea World Monk Seal Mortality

Fedex tracking = 8566-83071467

1/7/2011

TAM Swall to CHENG  
TAIWAN Telavics # 635286

ARGOS ID 53767 6/24  
+ Partial 50-50

Thursday  
DEC. 2<sup>nd</sup> 8,  
2010  
YUCCA VALLEY

WEDNESDAY  
BRIAN SARGANT  
(ACROSS THE STREET)  
MOTHER - 7649 Acoma  
YUCCA VALLEY, CA 92284

(new queen size sofa bed)  
#5.4<sup>th</sup> Repair  
of Septic Tank  
ROTO ROOTER Plumbers - Palm Springs

INTOUCH.ORG  
DR. ANDY STANLEY  
HEARTFELT

DECEMBER 9, 2010  
1PM  
PRD  
PIRO / PS & PIFSC

10th Floor Meeting Room  
Irene Kinan - Come May 2008

"Reports on Time"

"FY11 Sea Turtle  
Program Coordination  
Meeting"

"Legacy Project 2004"

12/10/10  
FRIDAY w/ Tyler Bogardus & Wendy Marks  
PUNALUU  
N=10 (3 new, 7 recaptures)  
+ 10 year stranding plaque to Moltile

JAN. 10, 2011  
Size 681 TAGS  
TO ELEADOR  
STERLING PALMYRA  
6D01 - 6D99 (99)  
7D01 - 7D99 (99)  
+ 200 PITS

(113)

FAW STHROUD  
1-888-231-5236  
6 cyl J160302  
n4?

12/29 - TO KAPALUA <sup>AWARD TO HAWAIIANS</sup>  
1/4/2011 Met for Lunch w/ TOM <sup>ATTACH SPOTS MDC</sup>  
Edgerton Supervisor NWHI  
+ Midway NWR.

SAW "MANAS FISH HOUSE"  
CTV Ad/STORY  
THERE MANAS  
Seafood plentiful  
COOKED FINE  
SHOW "still photo"  
of MANAS  
~ 30lb green  
Turtles

National Marine Sanctuaries  
National Oceanic & Atmospheric Administration

**Patty Miller**  
Education Coordinator,  
Maui Programs Coordinator

**Hawaiian Islands Humpback Whale National Marine Sanctuary**  
726 S. Kihei Rd  
Kihei, HI 96753

Office: 808-879-2818, ext. 21  
Fax: 808-874-3815

Patty.Miller@noaa.gov  
<http://hawaiihumpbackwhale.noaa.gov>

*Rua TurtleLover@aol.com*

*Anita*



Cal  
To  
Society

AQUARIUM

(114)

1/10/2011  
Monday

Postal TO: LAGONS  
Richard FARMAN, DIRECTOR

B.P. 8185 NOUMEA

telonics  
TAM

4410  
Medium size

98807 NEW CALEDONIA

OR 24383  
Denise Bottom

6/24 ARGOS ID (out) 23483

Telonics # 646188

+ one 50-50 ELASTOMER Kit + 1 NRC Turtle Book

JAN 14 2011 Navy Meeting  
Thursday

PM RF Sean Hanser

Angela, Steve, Shawn, Stacy, JOLIN

Mangroves

4 components

Polygon  
Numbers for square

OKIWAUA KM

Who


1/14/2011

ARGOS ID 53749 TAM

TEL #633629

TO Richard FARMAN

POSTAL TO



**Sean F. Hanser, PhD**  
Natural Resources Management Specialist  
Marine Resources Branch

EV2 Environmental Planning  
258 Makalapa Drive Suite 100  
Pearl Harbor, HI 96860  
www.navfac.navy.mil

V: 808-472-1388 F: 808-472-5419  
E: sean.hanser@navy.mil

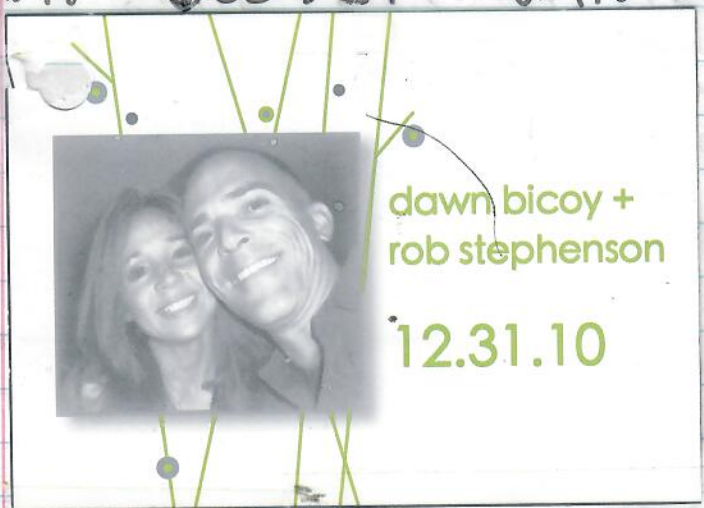
115

FRIDAY  
1/14/11

MAUI Hawaiian Air  
94Bpm, Return  
612pm flight

\* ULUA Beach Searching for heavily  
tortured turtle - DWI & HITW NMS volunteer  
flooding, S. Kihei Rd.  
100's of people poor behavior to public.  
DROVE TO Big Beach - TALKED TO LIFE GUARDS.  
Noted "Little beach" to the right - trail up over  
Rocky Point. Oneuli Beach gated - Flood damage to  
dirt road. → 1100AM TO MOC - <sup>scanned and</sup> palpated 11 PITTAGUEL  
AS HATCHLING SLPH

MOLOKAI Dec. 31 - JAN 2, 2011  
2010 GB & LIN



dawn bicoy +  
rob stephenson

12.31.10

Hotel MoloKai  
Wedding

entire IS.  
green from  
recent heavy  
RAINS

DRIVE TO  
PAHOHAKU - Resort in shambles.

See p. 117  
1/15/2011 SATURDAY  
CONNIE (KA-YAN) NG - Hong Kong  
ARRIVE 1230PM BY GB TO Ocean Resort (Hotel)  
Sat. Monday  
15-24 JANUARY/2011



Sunday 1/16/2011 MAC No = 5  
Digital X-rays + GHB DR. MORRIS, KAYANNO (16)

(1) PAINT (88)  
PIT Read 701A Reads 27,500  
2 shots x-rays 13:17:32 LAST SCL=19.2 cm

(2) PIT Read 1339 Paint — (D) Reads SCL=17.8 cm  
1 shot 13:26

(3) PIT Read 767A Paint — (G) Reads SCL=18.3 cm  
1 shot 13:33:14 top left side of femur

(4) 1 shot Paint — (90) Reads SCL=20.4 cm  
PIT Read 7373 Reads 13:40  
light colors whitish

Hatched 6/27/2010

1/17/2011 — 2008  
CONNIE — got turtle at SLP — Attached TAM satellite tag in A2.  
MARTIN Luther King Holiday Monday

(117)

JANUARY 18, 2011 TUESDAY  
IACUC 7AM HST

Scott Benson - leather books  
Heather Harris - Hematology IN Press JWD  
+ Fatsality

Kyle  
VanHoutan

to satellite tags in a box  
1/19/2011 Wednesday SB/GB PSD budget meeting at KAPIOLANI  
Need to straighten out PIRO, IIFSC before Program Review  
SEFSC - ?  
problem?

1/27/2011 Thursday  
Biorepository (for other agencies)

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY  
HOLLINGS MARINE LABORATORY

EGGS  
unoperated dehydrated 150K. South Carolina

18 JANUARY 2011 HANAUMA BAY N=4.  
TUES. TANYA  
Kyle/Higa, KA-YAN Connie NG  
GB John Johnson, SB Wendy Marks, Tyler Bogardus,  
Fethen MAT

19 JANUARY 2011 Wednesday  
CONNIE KA-YAN  
Necropsy A2 w/ Thierry Work  
and Lei YAMASAKI

20 JANUARY 2011 KIHULO BAY - SLICED  
Thursday BAY. N=17 (5 ARE NEW)  
CONNIE SHELL SCRAPINGS N=4 (for Amino Acid)  
N=2 from NUTRITIONAL Rehab study KRF  
Hawksbill seen feeding in LAGOON; 33 BASKERS ALONG ROCKY PENINSULA.

See p. 115

21 JANUARY 2011  
Friday

CONNIE - Long Line TRAINING  
Hong Kong A2  
SB presentation #18

1-22-11 22-1-11  
22 JANUARY 2011 CONNIE

SATURDAY Telephone TRAINING Conference  
w/ Denise Parker

Release of satellite turtle across the street  
from SLP. Pali Lookout Drive

23 JANUARY 2011 Sunday - North Shore - ANAHOLO  
River, Lanika, Halewa Aii. CONNIE

24 JANUARY Monday TOUR of Thierry (A-YAN) work  
office & Lab. Demo of stomach flush A2.  
Took to Airport for 6 pm departure ANA.

25 - 29 JANUARY 2011 Charleston, S.C.  
Tues. Saturday

1/25 Tuesday Departed Delta ~ 5:40 pm direct to  
Atlanta, GA ~ 8.5 hours - Arrive 8 AM  
(Shows ahead) - connect flight to Charleston arrive ~ 10:30 am  
(40 min flight). Budget rental car 30 min to FRANCIS  
Marrion Hotel - King & Calhoun St, downtown

1/26 Wednesday Room 322. Walked town - sent Fedex photo to Bunn  
Dinner at Coast.

1/27/11 Thursday

Kittolo

SHELL SCRAPINGS for Amino Acid  
ANALYSIS - 54.0<sup>cm</sup>, 55.2<sup>cm</sup>, 56.6<sup>cm</sup>, 64.4<sup>cm</sup>

119

Michelle Lee, MS  
National Board Certified Teacher, Biology  
Science Department, Room 304  
James Island Charter High School  
IB Biology, IB Environmental Systems & Societies, CP Biology  
Science Club, Recycling Club, Surf Club, & National Ocean Science  
"If everyone does just a little, it DOES make a huge difference."

**NIST** United States Department of Commerce  
National Institute of Standards and Technology



**Dan Bearden, Ph.D.**  
Research Chemist  
HML NMR Facility  
**Analytical Chemistry Division**  
Hollings Marine Laboratory, 331 Ft. Johnson Rd.  
Charleston, SC 29412  
Tel: (843) 762-8865 ■ Fax: (843) 762-8742  
email: dan.bearden@nist.gov  
1800a.gov

Fort Johnson Marine Science Seminar Series

**"On the Road to Recovery With  
Hawaiian Sea Turtles:  
Some Findings From 40 Years of  
Research and Pacific Explorations"**

**George Balazs  
NMFS Honolulu**

**Friday, 28 January 2011, 4 PM  
MRRI Auditorium at Fort Johnson**

Mon,  
Trey  
Boylan  
Thorva  
Michell  
Owens,  
Julia B  
Bose  
Kathy M  
George  
ect: Re

Lunch  
Steve Smith

(20)

we chose the islands "The Frisbies"

### Refreshments before & TGIF at the MRRI Outdoor Classroom to follow

In 1963 George Balazs and wife Linda, sold all their possessions, emptied a small bank account, and left California to experience life in the South Seas among the people of Tahiti. The journey there included a week in Hawaii before flying to the newly opened jet airport near Papeete. Through the kindness of strangers, for 7 months they subsisted in the then-outlier District of Paea in Tahiti. It was there that George saw his first sea turtle that would have been dinner if not for being a poor aim as a spear fisher. Visa limitations eventually returned them to California on a cargo ship via Nuku Hiva in the Marquesas and Panama. A few months later they were back in Hawaii building a life, family, and careers that endure to the present.

Through another series of good fortunes and perhaps fate, George again encountered ocean turtles in 1971 as part of an aquaculture research project at the University of Hawaii. But compelling concerns about excessive harvesting of free-ranging turtles made it possible for him to initiate in 1973 a nesting beach tagging program that has persisted for 38 seasons. In 1981 George became employed at NOAA National Marine Fisheries Service tasked with building a Marine Turtle Research Program in the Hawaiian Islands on a shoe-string budget. Over the years the program has prospered in research results due significantly to an array of partnerships involving highly motivated, good-spirited, and truly capable individuals. Some noteworthy findings of research results will be highlighted and informally discussed.



Mon, 24 Jan 2011 10:10:43 -0500  
: Trey <Jennifer.Keller@noaa.gov>  
"Boylan, Shane" <SBoylan@scaquarium.org>,  
"Thorvalson, Kelly" <Kthorvalson@scaquarium.org>,  
Michelle Lee <ALICIA\_LEE@charleston.k12.sc.us>,  
"Owens, David William" <OwensD@cofc.edu>, Al Segars <SegarsA@dnr.sc.gov>  
Julia Byrd <ByrdJ@dnr.sc.gov>, Mike Arendt <ArendtM@dnr.sc.gov>,  
DuBose Griffin <GriffinD@dnr.sc.gov>, Pat Fair <Pat.Fair@noaa.gov>,  
Kathy Moore <Kathy.Moore@noaa.gov>, Michelle Pate <PateS@dnr.sc.gov>,  
George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
ect: Re: George Balazs visit

DAVE and Mimi OWENS - 843-953-9176  
745 LONDON DRIVE  
CHARLESTON, SC 29412

(121)

2-6-2011

MARILYN MAJOR  
P.O. BOX 2722  
GRANTS PASS, OR 97528

ARRIVE  
HILO 4PM

10-13 FEBRUARY 2011 KAPOHO

Thursday  
Saturday  
Hilo 2:47 PM

2/10 Thursday N = 3 <sup>HAND SWABBED</sup> BLIND INLET  
2/11 Friday N = 5 net MANGROVELESS POND <sup>BARSELL</sup>  
2/12 Saturday N = 2<sup>th</sup> (1 Phaeopaign <sup>HAND SWABBED</sup> (TDR from 2/08) + 1 net <sup>BARSELL</sup>)

MARCH 2, 2011 HUALALAI

SHKM, HPA  
Heather

Blood for NMR  
N = 12

HAWAIIAN  
BASKING  
NESTING  
MAPS

Consistent with the <sup>population</sup> growth and expanded habitat use of gts in the Hawaiian Islands behaviors have changed - basking, foraging daytime, presence of people,

Nesting more and better reported.  
Example basking late 1990s <sup>SITTING</sup> Oahu

MAUI - 2005  
Kauai Coast early 1990s LAVA ROCK

The Crescent moon tonight in the dark Hawaiian sky  
shines deeply like eyes

The moon shines half full tonight in the Hawaiian  
Clear Sky. ORION'S STARS POINT TO MOTHER TURTLE PLERIDE

"A TIME TO KEEP SILENCE"

122

"Caught between <sup>within</sup> a world of  
Change"

by  
Moore

PHOTOS - "You  
DON'T ONLY Regret the ones you  
DON'T TAKE."

AQUARIUMS - Captive; Captive Bred / <sup>captive</sup> Reared

FRIENDSHIP - LIKE & TRUST

When you work with someone of similar views

123

2/25/2011 FedEx #8704-7978-1760  
7 leech samples to Audrey M<sup>c</sup>Gowan  
1185 overlook drive  
FAIRBORN OH 45435



U.S. Fish & Wildlife Service

Ray Born  
Permits Manager

Papahānaumokuākea MNM  
300 Ala Moana Blvd, Rm 5-231  
Honolulu, HI 96813

808/792 9488  
808/792 9585 Fax  
808/285 4888 Cell  
vernon\_born@fws.gov



2/24/2011  
EWC  
NHWI  
Symposium

28 & 30 MARCH 2011 J. Keller NIST  
Monday MWPerry  
wed. Mrs Scherman

29 MARCH N=6 LL necropsies  
To Work Jo Keller



need send him  
ANATOLY ABSTRACT

(124)

2/9/2011  
WEDNESDAY AT ZIPAYS, 1230 pm lunch w/ Steve Smith

Pearl Harbor - 10 years of  
counts and behaviors

Sizes ① < 50 cm ② 50-100 cm ③ > 100 cm  
using meter stick, + 7100 cm

Cegassy-Smiths

Brookh report Pearl Harbor w/eg  
Steve photos of turtles

fresh water discharges?

Salinity - RH, ; Aser - for size of object  
MT's never seen by him, UW - on camera.

Steve - AIRPORT LAGOONS - Reef Runway

125

- Scott Ferguson  
- GB  
- YONK SWIMMER  
- FRANK PARRISH

3-14-2011 Monday

A Subject MATTER EXPERTS

Selection Committee Interviews

9:30-10:15 AM S. BRUNSON 11 Questions  
10:15-11:00 AM To JONES 10 + 1

11:00-11:59 AM  
1:00pm - 1:40pm Tyler Bogardus

3/16 ~~140~~ 2:35pm - Meredith FAGAN  
Wednesday 3PM - 3:44 Annemarie E/CH

MARCH 2011

DR. SUN / Chen Song-tao  
Shanghai Ocean University  
hosted DR. MING PAN

"Marine capture Fisheries 1978-84  
The household responsibility system  
"collective economy"  
change Scott's 1985-94

All markets opened fully - Market demand determined price.  
Ownership started to change, village capital debt divided to families,  
1995 To Today 3 forms: ① indiv. business based on household, own boats & gear.

② Joint operation - converted to shares  
picture - boats, "JUNSE" most south of China, Shandong?

③ Joint Co operation  
Reco Zhoushan of Zhejiang province

Dr's Paddle - husband and wife. Men only go a short distance.

Dangtou - a village

Zhoushan City video - fishermen's life  
ARCHITECTURE (LATEST)

send papers  
photos etc  
how long?  
see more pictures  
area to Ka Yan

for example

STONE WEIR

126

leave the small islands - build the  
large ones (city modernization)  
"After all, here is downtown  
Putuoco one area  
of the island.  
4 hours from Shanghai."

**The Development of Management System of Marine  
Capture Fisheries in China**

Dr. Sun Chen

Professor Shanghai Ocean University  
Visiting Scientist, Pacific Islands Fisheries Science Center

**Time:** March 16, 2011 10:30-11:30 am

**Location:** 1601 Kapiolani Blvd. 10<sup>th</sup> floor conference room



① <sup>Best Qualified</sup> Relevant TO Position Description Performance PLAN

6 POINTS

② Experience <sup>articulated or written</sup> applicable DURATION <sup>demonstrable</sup> TRACK RECORD

③ Knowledge <sup>articulated or written</sup> SCOPE MAGNITUDE DEPTH

④ Skills people skills

⑤ MOTIVATION RATIONALE

Judgement of

⑥ OVERALL ABILITY FOR SUCCESS IN POSITION <sup>and presentation</sup> WITHIN 1 YEAR  
(QUALITATIVE MORE THAN QUANTITATIVE)

REMOVED

PEOPLES LIVES ALL 5 BUT NEED "BEST QUALIFIED" OF 5 SO 6 POINTS

Low - Medium - High. UNCERTAIN BUT BEST ESTIMATE =

FACTOR IN

- ↓ overall broad
- \* Benefit TO the Center - within 2T 3T <sup>MOVED TO NEXT TITTLE</sup>
- \* Satisfaction on the job
- \* Adaptation Ability
- \* Harmony

⑥ JOB OVERALL RATIONALE

⑤ JOB RATIONALE

④ JOB RATIONALE

③ JOB RATIONALE

② JOB RATIONALE

① JOB RATIONALE

Person Interviewed

ATTRIBUTE AND RATING (5) 5 4 3 2 1  
 (6) 3 2 1  
 OVERALL ABILITY FOR ALL THESE

	EDUCATION	KNOWLEDGE	SKILLS	EXPERIENCE	ADJUSTMENT	RATIONALE	OVERALL ABILITY FOR ALL THESE
1	2 MEDIUM	3 HIGH	3 HIGH	3 HIGH	3 HIGH	3 HIGH	3 HIGH
2	3 HIGH	3 HIGH	2 HIGH/MED	2 MEDIUM	3 HIGH	3 HIGH	3 MEDIUM
3	2 MEDIUM	2 MEDIUM	2 MEDIUM	2 MEDIUM	2 MEDIUM	2 MEDIUM	2 MEDIUM
4	3 <u>HIGHER</u>	2 MEDIUM	2 MEDIUM	1 LOW	1 LOW	1 LOW	1 LOW
5	3 HIGH	2 MEDIUM	2 MEDIUM	1 LOW	1 LOW	1 LOW	1 LOW

Person interviewed

1 HIGHEST (17)

2 BRUNSON (18) SECOND FROM TOP

3 JONES (15) THIRD FROM TOP

4 BOGARDUS (10) LOW

5 EICHT (10) LOW

6 FAGAN (15) CREDIT

START

(129)

3/18/2011 1230pm Selection Meeting

1. G.B. - First

DISCUSSION AND DECISION

2. YONAT - went second

60% Science 40% Admin

ADMINISTRATION

JONES ①  
BRUNSON ②

3. Scott 3<sup>rd</sup>

Tyler 3<sup>rd</sup>

JONES ②  
5-weeks

BRUNSON ①  
FIT JOB  
description best

Tyler ③

4. FRANK

Could Frank apply for MM (or turtle) stran  
"relevant to position"

Cole for position  
40% stranding network  
60% other science research  
Admin Budget

- Put recommendation forward -

MOKUOLOE

A History of Coconut Island

2007

by P. CHRISTIAN KRIEGER  
w/ cont. by Philip Hellrich &

BISHOP MUSEUM PRESS

JO-ANN C. LEONG

Need Security Home ENABLE

- 4. Kobayashi
- 5. Hoyt et al
- 6. Collette
- 7. Manjula
- 8. Work
- 9. Vantho

LISA WHITE

106P

Need Security Home ENABLE

7th Wednesday

UP PLUS PLUS UP (30)

STAC. MARCH 23, 2011

Dr. SATO <sup>CAB</sup> ASSOCIATE Iwate Prefecture - open roof pond net OTSUTE Village

MTSG - Egg relocation <sup>WHITE PAPER</sup> acceptable management  
"Supports JAPAN'S work ENTIRELY"  
(Past Leatherback work <sup>Steve Morvill</sup> in Hawaii) / LUISA AVENS

Ishihara <sup>san</sup> Kobayashi ISTS

- 1 Kobayashi et al. (1)
- 2 Hoyt et al. (2)
- 3 Collette et al. (4)
- 4 Manjua et al. (5)
- 5 Work <sup>OR dropping</sup> (3)
- 6 Van't Hof <sup>habitat</sup> (6)

YAVAT publications / Todd Jones / John Wang

Heide - discussion  
Volker - tele conference 1020 AM →  
"changing jobs now in Galapagos" "Don't have a single dead fresh logger head for necropsy"

Council - failed or low-success projects not good.  
Volker - MANUAL need. Allow so / Sprakes = "No"

Nick  
Milani - Best PRACTICAL means <sup>not necessarily best</sup> SCIENTIFIC means  
LUNCH 35 min.

106 PM Takai Ishihara <sup>Report</sup> "Assessing state of Coastal Fisheries"

7th STAC

(131)

TAHA

Thunderbird

PERSONNEL TIME MANAGEMENT

SONY Note Book  
OCELOT  
② Kuroki

STAC

Mitigative methods of bycatch should be designated on at least sub-area basis

"Refugees escaping from area"

- Akita - Miyazaki - north Japan) not hard hit.

NANSEI Islands

Yoshi - "nesting beach Management in Japan"

Oichi - Sendai - died from

started 5-years ago / Fukushima nesting beach.

Bamboo grids

Cc

HLL 104 fishery

almost 300 w/drift net & Calif.

NO TOURISTS

Tanegashima = 10 km Cc beach

Japanese name = NAGA HIRATA

"Long beach"

IRON WIRE VS PLASTIC COGES

But no proof yet imprinting

Rene Kelly - Piko overview

"Polynat large portfolio all over the place" where are you going?

IRene - many are "legacy projects"

Bay:

PFSC

split by me & Jeff to Dutton

Need ISIS Kobayashi et al Pacific

Col - 2 big ones of nesting

greens Rhinogold - w/ Genetics samples?

fit TAG info TO ASUKA



~~7th~~ STAC  
THURSDAY

MARCH 24, 2011

8:30am

<sup>100 Passes</sup>  
Catherine SLOTA (132)

X Enter new sites "misunderstanding" Col. NC <sup>Colonia</sup> 3 tag groups

Michael White SUGANYMA - 9:30am Phone

Chief "EM I, INOGUCHI SHINICHI TANAKA" MANOKWARI Region W. PAPUA Report

"poaching" is it illegal to take and eat? Indonesia Law Illegal, Papua leave true alone

Don Kobayashi Presentation  
Phone here to answer questions  
DISCUSSION of each report  
Lunch

1:45pm - COL Presentation

Ash  
Georg  
Pete  
New Caledonia -  
Very little attention to extensive Cc nesting  
Small Cays in the south.

VANUATU - Cc present  
Asuka Presentation

Irene - Emotional CNMI workshop  
outputs vs outcomes

FFF <sup>Female</sup> FAT FACTOR GG Breezy Green  
"PIRO funds council" gives money to

[16-19 April TW & AM out of town]



5/23/2011 GB Release 7:15 pm KAWAIKU Beach Park  
39cm SCH MT704 (MTRPID 5-22-11 from entingie lightly BARBERS PTO)

SCOR Melanie - Two Models - 1 C & 1 Swordfish  
Then overlay them

"STRATEGIC Models, not TACTICAL Models." Jeff Polovina

June 1, SHAY GUTIERREZ  
2011 Shaw W  
JAWR ~~SWAN~~ 50/50  
with container

ARGPS ID (22980)  
(Telonia 646177) 6/24

Brush  
cups  
fiberglass  
gl. cloth  
Fiber 8721-6656-9986  
Mix sticks

4/27/2011 (136)

The Purple Mist  
26.5

At the twilight that transforms into sleep  
The purple mist like plasma flowed from the west  
TO mingle ~~as~~ it sometimes does  
With ~~my~~ ~~mind~~.

our Souls touched ~~me~~ ~~again~~.  
Then I saw you of every ~~my~~ ~~all~~ ~~ill~~  
Tears ~~all~~ ~~at~~ ~~the~~ ~~sea~~.  
Why, I asked.  
Please can I help ~~you~~ ~~hearing~~  
And you smiled with your pure heart.

(137)

MAY 3, 2011 TUESDAY

WEST MAUI

ISLAND AIR 725/AM TO KAPALEHA  
5:23 PM TO HONOLULU

Mary Boardman

~~20510~~ F 20 Alaeloa #21

Lahaina 96761

808 669-2446

3 years  
AGO

MARCH 2006

(08)

FIRST SEEN  
BASKING - MAGIC BEACH

MARY GRIDLEY (MAUIMARY@gmail)  
P.O. BOX 483  
JACKSON, WY 83001

PUALANI came into my heart  
held me in your arms to hold me  
Sent from above as sweet  
Magic touch  
Tenderness, I love you  
Touch your face with fingertips

MA  
12/21

- Need  
need

SAT  
TAG

EARLY May 2011 Fedex tags to DON BUDEN  
85 681 incoled tags + applicators  
G-415(jest) through G500

(138)

Thursday / Friday  
MAY 5-6, 2011

KITTOLO BAY

Jennifer Kelley / Flannia NILSEN (HPU)

2 DAY TOTAL = 31 16 recaps, 15 new

1 juv. Dead seen died seen behind Mitchell property,

Thursday

MAY 12, 2011 STACY HARGROVE  
Presentation Coming of Age: 4 decades  
of tagging sheds light on age

- need Ron Walker Photo  
need TM 36

~~Alaska~~ - Add ALASKA add

TRend = graphic number "Turtles Identified"  
ORP = data facial base Mavi = 23

SATellite tags unknown  
Nestles  
TRend & Recovery  
Nestles Recoveries of juveniles =

(139) 1/12/2011

Shawn - Melissa progress?  
Zug - address

Gov. & Carr - growth green turtles

Kyle Zug's method  
Shift graphics

TAG loss picture kelly

26 - 45 years  
35, 35  
(32)

Biology letters 2500 words

Grant writers

6-12-2011 Thursday

Julie Whittaker

"Sunset Group"  
MTRP (8 TOTAL)

agreement / cooperation agreement  
240  
289 total possible

Task 2 - one - for salary

HK SAR

GANGKOU Sea Turtle Reserve

6-13-2011

Friday  
Proposed Mechanism for Sustaining cooperation  
"Ocean Acidification" - need EOD

By Chinese

"Native Reserves"

Asiatic Animal ocean protection

Head

Chinese Academy of Fish Science ♀

7 from different institutes, under it,

+ 1 person

Institute of Oceanography

3 day meeting  
Silver Spring

5-13  
pos  
21

5-13-2011 Size I TO Richard FAAMAN  
New Caledonia  
postal Mailed WNO1-99 for Loggerhead 40  
being received

Dr. Sun Chen - Shanghai Ocean Univ.  
visit to PIFSC



(141)

Late 2005  
Dec 12/25/05  
GB  
JACOB ALMANZA

12-13-2011  
11:07 AM  
Jacob

Go  
ex  
my  
J  
prep  
An  
The  
th  
E

*[Faint, mostly illegible handwriting on lined paper]*

George,

09 APRIL 2010

Where to start... thank you for expanding my world, opening my eyes, sharpening my mind, warming my heart, and most of all, for - enriching my life -.

Just about this time last year I was preparing to embark on an adventure into the unknown. And because of the shoals - so much I have grown. Thank you, thank you, thank you for an experience that will be with me for all of my days.

Enclosed - a lill gift of my appreciation.

Aloha ~~to~~ Until. the next time,  
be well ... Take care and give care,  
Shein Joan

SHEIN SARI

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**ABSTRACTS**

2/18-21/2011

22nd Annual Symposium on Marine Archaeology and History of Hawaii and the Pacific

**FRIDAY, FEBRUARY 18, 2011**

**KEYNOTE: APPLYING ARCHAEOLOGICAL MODELS TO ECOLOGY**

Jack Frazier, Ph.D.

Researcher, Conservation and Research Center, National Zoological Park, Smithsonian Institution

Ecology is fundamentally about interrelationships: interactions between numerous animals and plants as well as between living organisms and multiple components and processes of the environment. These interactions involve not only diversity in life forms and environmental parameters, but also spatial and temporal variables. Ecologists put enormous importance on spatial features, but temporal considerations are routinely undervalued and under-investigated: studies lasting a decade have routinely been considered to be major temporal investments, and information from a century of investigation is the epitome of "long-term." But, these periods - even several centuries - are too short to be able to understand various forms of biological and environmental variation as well as the ecological processes that respond to these variables. Hence, a major challenge for biological research is dealing with "deep time." Moreover, the "natural sciences" habitually remove Homo sapiens from consideration. This omission is routinely intentional, even though there is compelling information that humans have been impacting major areas of the planet, in some cases for millennia. Ecological models and studies that have removed, or ignored, humans are bound to be incomplete and inadequate. Archaeology, by contrast, is about "deep time;" and a central theme is human-environmental interrelations. Unless ecology fully incorporates archaeological information and models it will remain impoverished and incapable of dealing with two major sources of variation that are critical for understanding most ecological processes: humans and time. Many archaeologists and anthropologists have efficiently integrated ecological concepts and perspectives into their work: indeed, given their integrative approaches that give careful consideration to deep time as well as one of the most ecologically important organisms on the planet, it can be argued that some social scientists are actually better ecologists than many of those who are categorized as "ecologists." Hence, the challenge for both archaeology and ecology is not so much "Applying ecological models to archaeology" but the reverse.

**SATURDAY, FEBRUARY 19, 2011**

**FORBIDDEN SEA TURTLES: TRADITIONAL LAWS PERTAINING TO SEA TURTLE CONSUMPTION IN POLYNESIA (INCLUDING THE POLYNESIAN OUTLIERS) AS RECORDED IN SHIPS LOGS, MISSIONARY REPORTS AND OTHER ETHNOGRAPHIC MEDIUMS**

Regina Woodrom Rudrud, PhD Candidate, Ecological Anthropology Program (Marine) Specializing in Sea Turtle Conservation Biology University of Hawai'i Mānoa

Throughout the Pacific regions of Micronesia, Melanesia and Polynesia, sea turtles are recognized as culturally significant species. The specifics of human-sea turtle interactions in these regions, however, are not well known, in part because ethnographic and historic reports documenting these interactions are scattered requiring extensive archival research. Ethnographic and environmental data collected over a ten-year period is analyzed to assess patterns of human-sea turtle interactions prior to (and sometimes beyond) western contact. From the ethnographic data for Polynesia, a region-wide pattern emerges where sea turtle consumption was restricted to special ceremonies where the elites such as chiefs and priests but no one else ate turtle. Only in two countries did this pattern differ. Environmental data does little to elucidate explanations for this region-wide treatment of sea turtles as restricted food sources as there is no correlation between environmental variability and the presence or absence of these restrictions. Instead the results of this research suggest

such practices may have been part of an ancestral Polynesian society, developing well before human settlement into this region of the Pacific.

THE ECOLOGICAL  
John N. Kittling  
1 Impact Assessment  
2 Maritime  
Atmospheric  
3 Department

What is the ecological  
can impact  
introduction  
survivors on  
accomplish  
including  
these island  
the observed  
the health  
survivor can  
classes, or  
we know little  
regional scale  
the Papahānaumoku  
NWHI and its  
approach, m

**THE ECOLOGICAL IMPACTS OF SHIPWRECK SURVIVOR CAMPS IN THE NORTHWESTERN HAWAIIAN ISLANDS**

John N. Kittinger<sup>1</sup>, Kelly Gleason<sup>2</sup>, Jason Raupp<sup>3</sup>

**1 Impact Assessment, Inc., Pacific Islands Office**

**2 Maritime Heritage Program, Papahānaumokuākea Marine National Monument, National Oceanic and Atmospheric Administration**

**3 Department of Archaeology, Flinders University, Australia**

What is the ecological impact of shipwreck survivor camps? In fragile island and atoll environments, shipwreck survivors can impact marine ecosystems through direct exploitation of biota for consumption, and indirectly, through the introduction of novel species and habitat alteration. In this study, we assess the direct ecological impact of shipwreck survivors on island and atoll environments, using the northwestern Hawaiian Islands (NWHI) as a case study. To accomplish this, we compiled a comprehensive and spatially rectified list of shipwrecks and associated survivor camps, including timelines for habitation, provisions salvaged from shipwrecks and basic information on survival methods in these island environments. We then selected several (~4-5) survivor camps for which we had detailed evidence about the observed abundance of marine biota that were harvested, the methods and protocols developed for harvesting, and the health and well-being of the crew. We coupled estimates of abundance and exploitation rates from these detailed survivor camp descriptions with a vulnerability analysis to determine the ecological impact of these activities on different classes, or guilds, of marine species. We used detailed case studies to extrapolate to other shipwreck camps about which we know little, which allows us to develop coarse estimates of the ecological impact of shipwreck survivor camps at a regional scale. We expect this information will be valuable in informing current conservation and management actions in the Papahānaumokuākea Marine National Monument, which was established as a cultural and biological reserve in the NWHI and is the largest protected area under US jurisdiction. Our study adopts an integrative, transdisciplinary approach, melding methods and disciplinary theory from archaeology, history and ecology.

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A LIFELONG RELATIONSHIP WITH HAWAIIAN AND FRENCH POLYNESIAN GREEN  
TURTLES, 1963-2011

George H. Balazs

Pacific Islands Fisheries Science Center, NOAA Fisheries, 2570 Dole Street, Honolulu,  
Hawaii 96822 USA

The story of green turtles being restored in the Hawaiian Islands during recent times has been heralded in several scientific and popular publications, but perhaps most eloquently in "The Book of Honu" and on the Turtle Trax web page <[www.turtles.org](http://www.turtles.org)> authored by Peter Bennett and Ursula Keuper-Bennett. Less known to most is the past and present complexities of the green turtles of French Polynesia, where they are also called honu. The bond between the native peoples and honu of the far-flung islands of French Polynesia continues to be deep-rooted, diverse, and intense, likely as previously existed in Hawaii, and may happen again, as the honu population of Hawaii proceeds upward and the tumor disease continues in decline. My relationship with green turtles began in French Polynesia in 1963 and evolved, through a series of lucky events, into a 38-year endeavor focused in the Hawaiian Archipelago.

In 1963, my wife Linda and I sold our possessions, emptied our small bank account, and left California to experience life in the South Seas among the people of Tahiti. Our journey there included a week in Hawaii before flying to the newly-opened jet airport near Papeete. Through the kindness of strangers, for seven months we subsisted in the then-outlier District of Paea in Tahiti. Visa limitations eventually returned us to California on a cargo ship via Nuku Hiva in the Marquesas and Panama. A few months later, we were back in Hawaii building a life, family, and careers that endure to the present.

I saw my first sea turtle in Tahiti, a juvenile honu that would have been dinner if not for my poor aim as a spear fisher. Later, walking the shoreline of Bora Bora with Linda, I saw my second sea turtle kept as a pet in a pen on the reef flat. I regularly still dream about French Polynesian people, islands, and turtles, as the natives still dream at night when an ancestor tells them where a turtle can be caught the next day on the reef. Since leaving in 1964 I've returned to French Polynesia on six short trips, five by invitation to assist with sea turtle studies, and once with Linda for a brief stop on a cruise vacation to Sydney. The most memorable visit was in 1991 to remote Scilly Atoll to work with Rene Tuputu and family, Rene being one of the most knowledgeable turtle hunters of the region. My most recent visit was in October 2010 as part of the "First International Symposium on Sea Turtles in French Polynesia" where Rene Tuputu and I met again after 20 years.

There is great potential for traditional ties with the honu to persist, on a sustainable basis, among the people of French Polynesia. The status of the stocks and the sustainability of the harvest need to be examined within the cultural context of island communities. I am committed to playing a role in aiding both the honu and the people in their interwoven relationships.

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20110204

Date: Fri, 4 Feb 2011 20:12:42 +0000  
From: R C FLYNN <fob6@q.com>  
To: gbalazs@honlab.nmfs.hawaii.edu  
Subject: Marilyn Major

--> Hello George!

Thank you for your kind and generous response. I have printed it and will read it to Marilyn. It will bring a smile to her face.

Your fedex number is greatly appreciated. Once I am ready to ship, I will send you another email.

You are so kind to think of sending her something. She is surrounded by turtles in her room and spends her days in her chair, sleeping a lot, I think. She has lost a lot of ground with her motor functions and now has cerebral problems as well. A recent diagnosis of uterine cancer has added to the scope of complications. But, we can only go one day at a time, anyway. As I am sure you experienced with your parents.

As best as I can guess, her experience with you and FFS was the happiest time of her life. She chose not to be involved with any family most of her life, so I have been playing catchup these past three years since having her transported to Southern Oregon and closing up her appartment at the Marco Polo.

Please know that you made a great contribution to her life and facillitated a time of genuine joy and peace for her. We are grateful.

Candis

Argos ID 53764

factory # 635283

6/24

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TELONICS

Revised 08/21/07

NOAA Fisheries  
Pacific Islands Fisheries Science Center  
Marine Turtle Research Program  
2570 Dole Street  
Honolulu, HI 96822-2396

HATCH  
2008  
SLP

Attachment  
1-5

A2

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

Monday

1/17/2011 SLP captive

PERSON RECORDING DATA:

GB & KWG

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

Left - 4608100622D

Right = 46071D3411

XM25 (size 7)

NEW TAGS:

SAT  
New 53764

MT#

STRAIGHT CARAPACE - LENGTH:

47.3 cm

WIDTH: 17.1 cm

NOTCH LENGTH: 46.8 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

51.0 cm

WIDTH: 44.9 cm

HEAD WIDTH: 7.2 cm

LATERAL1: cm

LATERAL2: cm

PPS: YES OR NO OR NE N

LATERAL3: cm

SEX: Male, Female or Undetermined L

TAIL LENGTH: T 10.5 cm

C 7.0 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

7.8 cm

PLASTRON LENGTH: 37.4 cm

WEIGHT: 36.2 #

DESCRIPTIVE REMARKS:

Very small extra CONTRAC 4-5

47.2  
11.5  
36.2

Ka-yan NG, Connie  
ROOM 1016, 10/F.  
KIN SHUE HSE,  
LEI MUK SHUE EST,  
TSUEN WAN, N.T.,  
HONG KONG SAR

Cell  
011 85 292 156 876

NG Ka-yan, Connie  
Wetland and Fauna Conservation Division  
Agriculture, Fisheries and Conservation Dep  
7/F Cheung Sha Wan Government Offices  
303 Cheung Sha Wan Road  
Kowloon  
Hong Kong SAR  
2150-6922

伍家園

Ng. ka yan



149



14  
008  
SLP  
capture  
AT 00  
46  
2  
02  
8 110  
11/11  
110

4/15  
300

very extra content 4-5

MTSG

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## Members' Roles and Activities

- Technical**
- 1) Contributing to and undertaking, where appropriate, analyses of available data to review the status and trends of marine turtle populations.
  - 2) Assessing the impact of human activities on marine turtle populations.
  - 3) Investigating alternative management strategies in the context of overriding conservation objectives.
- Advisory**
- 1) Identifying research, management, and conservation priorities for marine turtles and their habitats.
  - 2) Assessing the options for conservation action through interaction with governments and other policy makers, on both national and regional bases, thereby providing technical support for the development and implementation of effective conservation strategies.
  - 3) Facilitating coordination and cooperation in conservation-related research on marine turtles to ensure that lessons learned can be disseminated and applied as widely as possible.
  - 4) Evaluating the effectiveness of different forms of conservation action, thereby advising the different stakeholders on the implications of various policy options.
- Advocacy and Action**
- 1) Promoting and carrying out conservation and research actions.
  - 2) Enhancing and facilitating communication within the MTSG, as well as providing information on its activities, programs and conservation issues to other individuals working on biodiversity conservation.
  - 3) Where appropriate working as closely as possible with other constituents of IUCN to promote all aspects of marine turtle conservation.
  - 4) Raising awareness about the conservation needs of marine turtles to the stakeholders listed above, as well as the media, funding institutions, scientific and educational communities and the public at large.
- Communication**
- 1) Contributing in a timely manner relevant biological, geographical and other important marine turtle conservation-related information to the MTSG Program Officer or Chair(s).
  - 2) Responding promptly to invitations by the Chairs or their appointees to requests for information or action.
  - 3) Providing updated contact details when appropriate to enable efficient communication within the Group.
  - 4) Referring on a quarterly basis to the Marine Turtle Newsletter for updates on MTSG activities.