

Friday, February 20, 2015



Best wishes for the holidays and the coming year.



BALAZS  
caliber  
808-683-8402  
COMPOSITION

2 of 3

STATUS QUO ANTE



GLYPHOSATE

EAST TOWN - LOST

1965-2015: 50 YEARS

LATE NOV - IN HAWAII

2014-2015

BALAZS  
2014-2015  
Nov



AMAMI

奄美大島

喜界島

与路島

加計呂麻島

請島

徳之島

沖永良部島

与論島



Wide 10 Sheets

9.75 in x 7.5 in  
(24.7 cm x 19 cm)



"There is NO TRUST ANYMORE"  
Siri 2/19/2015 Thursday

Need  
Dutton

73

2/23/15 830am <sup>Hawaii</sup> Hawksbill Sea Turtle Meeting - STAKEHOLDER

Monday KVH - "Hawksbill Hawaii can't be broken out"

Genetically "New Techniques needed" "Geneticists"

908am - Lauren KURPITA presentation WTT - work closely  
Ritonda on the phone

"Season = May - Dec (JAN 2014/15) 124 nesters since 1991

Red Turtle RISING" FORWARDED SNOW ET AL. TO LAUREN KURPITA

Four of 1989 "No nesting 2014 at Kamehame" NINOLE KAWA

stranded  
Tagging 1991

Fire in KAW - Below PAHALA

Lauren and Ritonda RPF couldn't get there + negative interaction  
HOU'EA - BP Museum w/locals. Meth.

HERO - MORTIMER RPF  
substitute to Lauren

CHERYL King 955am presentation

Kealia - 1991 - First hatching, 1993 Adult Mortality

No credit  
Publication 1996 Fatality Adult/Hatchlings. BP Museum Conference  
1991-2014 78 nesters; 8 beaches (3 HAWA area)  
N=9 Turtles Tagged

"gross 1997 "HAPA MAHUA" = H 321(?)

AKIAKI - Native, "KVH - keep on time. Switch over to next one"

BRUNSON - stranding & necropsies E.I. 1982-2014

"Water in lungs" "EMBOLISM" "Vehicle Strike"

SB - "Fishing Gear Surpasses FP"

SEX RATIO of Hatchlings?

KUH WAIMEA - plastics / Terrestrial Beetles posthodes



8/23/15 Monday

KUTV EPOXY - less & less epoxy each time she came back - Lamen

Back from Lisa & FFS 1872 Quaker Newspaper

889 female observations Ching most AMANSIA  
SUSAN = snow et al

Joy  
Summer  
TW  
Michelle  
Lipson  
Jenn  
TW

Breedy for first time before 19 years  
? Sloughing = turtle shells

"George & I have a paper..."

1130 AM RoundTable - Jenn - people of the future  
go back in Time

LUNCH 12-1PM

HAWKSBILL

GB  
Need Ei  
Literature  
List  
Hawaii  
EARL  
Send Devon et al

Shanell → Joy  
strand  
TRAINING

EARL - "TAKE out from Don"  
Don's DATA

Centralized database of Main Is. Nesting  
Gray Keahou - between Halepoe & Apua

Beneficial to population vs beneficial to individuals

Mod work that can be done in captivity to learn about wild - SLP greets them Hawks.

2-  
KATO  
MAWS-  
Jenn  
perm

Tf  
Pat of  
EAM

2192

2/25/  
Wed

TR  
Program  
Review  
"TRIA  
Evalu



2-23-15 HAWK'S BILL

75

KATE MONDAY  
MANUSFIELD - 15-20cm grown - SOLAR TAGS.  
Seane WYNARW. "Doomed eggs"  
perm weight < 5% Tag of Body weight.

J. Bennett FWS  
Acting - Kealia  
(for Rose Atoll)

TO EARL - Parker & Balazs nesting maps  
HFN (B.P.)

Todd, KUH, IK, <sup>elly</sup> Boy, Michelle B., <sup>KOOB</sup> J. Lynch, FP, Earl, <sup>PUTZ</sup> Pat O'ay, C. Kings, Lauren - SB, Devon, Sarah A. <sup>TW</sup>

EMAC Poipoi; Community-Based Management

2192 830am

Greg <sup>over</sup> KOOB - USFWS

Send  
snout  
skeleton

9AM  
2/25/2015 Leads Meeting  
Wednesday

PP presentation

REHABILITATION TOPIC  
TRP 1030 - 1200 A.M.

BY SARAH  
need

Program Review 27-31 July 2015  
Turtles - 28th

Todd perspective  
SHCC  
SARAH ABSTRACT?

value of hatching  
juveniles vs ADULTS

"TRIAGE" - Michelle  
Evaluation for <sup>LEUTHANASIA</sup> Necropsy

"Hospice" - FP

post meet  
SIRI - Allocation



9:15am  
3 MARCH

PP NO. 488408871 By 4pm 2/26 at 7-11 Store  
Birthdate  
FLB7605 UNIAIR  
TO MAKUNG

Ticketed  
TRANS ASIA K7XELY  
GE 505 3/4 10:15 AM → 11:10 AM MAKUNG  
GE 500 3/6 0745 → 8:35 AM SAN SONG

2/24/15 WebINAR-Retirement Simulation Workshop  
TUESDAY 800 AM  $X = 62.40$   
When will second spouse retire

FINANCIAL PLANNING pass away? = 92

- 1) How many years planning? Life expectancy
- 2) Inflation - every year everything cost more.  
Coffee #1 = \$2.40 in 30 years 3%

DIGNITY - way of life  
3) Establishing what you need today.

leg of stool  
Worksheet

- 1) Pension
- 2) 55
- 3) Personal Saving (TSP)

Life/long work for Fed. Gov.

Pension = Annuity Survivor Benefit  
for health coverage - Most chose survivor  
Models pinpoint - difference of spouse Age.  
LAST 5 years - most have to carry to  
retirement  
↓ Life Insurance  
BASIC ELI 25% keep it  
IN 37 MONTHS

Per  
RETIRED  
2/24/15  
CONTINUED

Dwight  
Ben

Need  
workbook

Net

2-  
Monday

600



Essmyer 9/19/14 Chang NTOU President 77

Cost: WEBINAR RETIREMENT SIMULATION  
FRS HR Specialist Benefits HR contacts  
Beneficiary forms beneficiaries

Personal Saving + TSP / important to build it up ALL G  
underfunding / under allocation > 600,000  
5630 G 50 C stock 859,000  
Retire 2/24/15  
Continued TO Roth Will and Revocable Living TRUST  
TO AVOID probate (not private)

Durable power of Attorney - can't make decisions  
Beneficiary statement. Background check:  
CANT THINK: Fun, or 2 later

Need Washington Retirement Planning Specialists  
Workbook gbbase@dcrrps.com  
240) 720-0084 gbbase@dcrrps.com  
800-536-5743

Met 1245 PM 1 PM



FADS Need to send



Matthew S Kendall, PhD  
Marine Biologist

National Oceanic & Atmospheric Administration  
Center for Coastal Monitoring & Assessment  
Biogeography Branch  
1305 East West Highway, SSMC-4, N/SCI-1  
Silver Spring, MD 20910

Tel: (301) 713-3028 x 144  
Fax: (301) 713-4384  
E-mail: matt.kendall@noaa.gov  
http://biogeos.nos.noaa.gov

ESS Tracy HE Knows Zandy  
Sent 1973-2014

2015  
YEAR OF THE  
RAM-Turtle  
SACRIFICE

2-8 MARCH 2015 TAIWAN  
Monday Sunday Teachers  
TAIPEI MAGONG 3/5/15 / 3/6 Friday TO TAIPEI  
nights 4 & 5 Teachers

600 PM Sunday - 1130 PM CIO002 TO HNL.

FRONT DESK JIL LIH TZU-HSIU WANG



"Wow"  
 Room 2442  
 2nd 2442  
 Meeting 7 Travel estimate BAS 2.8K  
 2.8K each BAS BAHN STAY  
 Susan K., FR, Devon, CA, LA,  
 Wed 2/25/15 1PM  
 RE CRA 2/2

Lucy  
 JIMAR



17 CHAIRS  
 ABOUT  
 TABLE  
 need holding

2/25 N. Seki, N. CYR Meet 1hr 20 min  
 Wed. JULY 7, 2015 MAILED

2- TAM 2639 ID 50148 Telonics 674717  
 6/24 " 41457 " 674796

2/27/15 1030-1145am TRP Meeting  
 Friday Captive Care Rehab.



**GEORGE H. BALAZS**  
 BIOLOGIST AND LEADER  
 MARINE TURTLE RESEARCH



PACIFIC ISLANDS FISHERIES SCIENCE CENTER  
 NOAA, NATIONAL MARINE FISHERIES SERVICE  
 2570 DOLE STREET  
 HONOLULU, HAWAII 96822-2396

Cell: (808) 286-2899  
 Office: (808) 983-5733  
 Fax: (808) 983-2902

gbalazs@honlab.nmfs.hawaii.edu

3/14 SAT  
 POSTA  
 OKI  
 AM A



RE CRANK letter CG Attorney  
Thurs 2/26/15 9AM-1030AM

79

Kirst Essmyer  
Office - 301-427-8796  
Cell - 301-520-0639

Administrative  
9AM - 1020AM

2/20/14

ISTS  
RAV Same  
August 2014

LC702764447US  
USPS® Customs Declaration - CN 22  
IMPORTANT: The item/parcel may be opened officially. See Privacy Notice on reverse of Sender's Instructions page. Please print in English and press firmly; you are making multiple copies.

From: Sender's Last Name KALATS First GEORGE  
Business 7/2/15 2 SAT TRG 1 DVD  
Address 992-A AWAANANOA PL.  
City HONOLULU State HI ZIP+4® 96825  
Telephone/Fax or Email 1-808-683-8402

To: Addressee's Last Name OKI First KATSUKI  
Business 99-1 AIAZE-HIRAMATSU-CHO  
Address AMAMI CITY, KAGOSHIMA PREF.  
City JAPAN State/Province KAGOSHIMA Post Code 894-0045  
Country JAPAN Telephone/Fax or Email 0997-53-5822

2 - Shipping Label (left) and Customer Copy (right)

3/15/15 SUNDAY  
HUALALAI  
FOUR SEASONS

TAM ARGOS ID 40703

ALL  
6/24

NOS. Sent  
TO Denise 4/1/2015

3/14/15 SATURDAY  
POSTAL MAILED  
OKI KATSUKI  
AMAMI ISLAND

TELONICS ID  
672286  
672278  
672270  
672182  
672181

ARGOS ID  
53766  
42712  
57147  
53749  
53747



REF: CODY HOVEN 2515  
 NOT NEEDED 619-400

- call Retirement schedule
- check beneficiaries
- Print latest PP

- TW meet -
- RAW Walsh - USGS Reason?
  - outlier Pape
  - cleaners - Draft Paper most recent
  - BARNACLES KBA, sand 2 med US
  - Continue Vigilance
  - plasma he has

- our MTN  
 China USA  
 way from  
 BAC  
 China

3/13/15 8AM Telecon:  
 Emma Gosline 1-240-595-0458  
 Friday

44MINI  
 - 16 MAY - Graduation

18th May ship departure

SAT TAG ID  
 TAM 2639



SATS JAPAN

SATS TO

SATS TO

SATS TO

SATS TO

SATS TO

SATS TO

SATS TO

surf phone 1 month

HUALALAI

sydneygamiao@gmail.com

brandon.lopes1@yahoo.com

FACIAL ETC.

Brandon 8 years

KONA Village Resort Closed Since 3/11 Tsunami

3-BASKERS

KUMUKEHU Beach

KONA

BOARDING PASS

NAME OF PASSENGER: AZS/GEORGE

115219970

FROM: KONA

TO: ONOLULU

CARRIER: 397

FLIGHT: 515

CLASS: S

DATE: 15MAR919P

BOARDING TIME: 849P

SEAT: 4D

SMOKE: NO

NE 1

PREMIUM ELECTRONIC



9th 10th STEERING  
See p. 67  
11th 12th Friday  
735 AM

next FRIDAY = 11th STEERING 81  
RM 244.2 (WOW)  
6/11 Friday

HAWAII DATA  
Valley of Temples

- Convene Webinar meeting China/USA W.G.
- Explore funding opportunities within China for research & operation of Working Groups
- Explore creating Visiting Scientist Exchange program

Hualalai North  
• 4 seasons resort Hualalai  
• 3/15/15 • Scoop Net

LHF PIT-470A126C2A  
RHF PIT-470A0E3800  
SCL-54.7  
Notch-54.7  
SCW-46.1  
CCL-58.5  
CCW-56.5  
Plastron-44.7  
Weight (lbs)-50.5  
Telonics # -633440  
Argos I.D. -40703  
Emaciation Code - 1

COMPATIBLE  
**PACIFIC FINE ART**  
Oil Paintings & Graphics  
The ORIGINALIST  
Catherine Coatney  
Fine Art Consultant  
Kona Inn Shopping Village  
75-5744 Alii Drive,  
Kailua-Kona, Hawaii 96740  
POLARIZATION  
(808) 329-5009  
FAX (808) 326-7796  
1-800-367-7509  
consultants@pfakona.com

Satellite info

3/14 DANIEL 4 calls, 3/15 4 calls RANIEL  
FOUL 639-0306

3/20 NATALIE MAUI 3 calls | 2 calls V  
3/21 5 calls Maui | MORRIS | 2 NATALIE  
3/22 10 calls Oahu | 5 calls MAUI  
3/26 5 NATALIE

MARCH STRANDING Log  
2015  
14 - 27 March  
Friday SAT



DFE

Monday 5/16/2015 Jeff Semeroff - 9AM telecon Re China/USA.

KARLA'S CLASS

"Magnificent Marine Turtles of the Hawaiian Islands- an Amazing 40-Year Rise to Abundance with Descriptions of Cultural Links in East Asia"

3/20/15 telecon Stacy - EEO TRAINING Presented JAPAN STAJ 25<sup>TH</sup>

3-20-2015 Friday TRP Meeting (2nd HALF CONTINUED from PRIOR when 1030AM I WAS IN TAIWAN AT SOON POINT we won't have TW

"TRICAP tech A RANGE of considerations"

3/20/15 1140am 1145pm Lunch MARY WUNDERLICH (Mary Jane Brady) Subway RAY CLARKE 3/31 Subway PARR EVAN HOWELL

4/1/2015 Wednesday 11AM. RE Summit - If we receive Participants data is it Then NOAA's?

3- "Have to put your data in" E.H. How you got from A to B. "DATA.GOV" note - NOT collected for pay WASHAA website - HOWLAB TO UNDER NOAA - NOT CONTRACTED.

TO I KOR

TO J

See p 29 (+)

SEKI pa



ID 53752 → Telonics 672266 - 6/24 (83)  
" 672285/

ID 53764 → KOREA - JETU NATIONAL UNIVERSITY 3/17/2015  
TO BYUNG-YEOB KIM (SOOJIN JAG) POSTAL -

KOREA

LC559060246US  
USPS® Customs Declaration - CN 22  
IMPORTANT: The item/parcel may be opened officially. See Privacy Notice on reverse of Sender's Instructions page. Please print in English and press firmly; you are making multiple copies.

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Honolulu, Hawaii

Telephone/Fax or Email

808-683-8402

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BYUNG-YEOB KIM

Business

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Address

City State/Province Post Code

Country Telephone/Fax or Email

REPUBLIC OF KOREA

2 - Shipping Label (left) and Customer Copy (right)

JETU

9:00 - 9:45 AM Wed  
NED 3/18/15  
China/USA  
- Proposal  
- Webinar  
- sat 1st Turkey  
- sat 1st  
- short Sabbath

in Long Haul  
THE Panel meet  
Yearage Feb.  
All invited -  
NEXT LMR  
w/ China in  
Guangzhou  
1/16  
3/16  
Keith

Sabbatical Norway  
"International Science Exchange"  
competitive

Wed =  
1995 China visits

See page 100  
(+3)

NEED →

LMR  
Frank  
India FY16  
Chile  
China  
Norway  
Korea

SEKI "All Hands" 1230pm - Denise 20 years  
"Partnership - NIST" TO TIME -  
145pm 3 years prior NMFS  
ED DOMESTIC



3/19/2015 Thursday 2-4pm GAVE  
Talk to Karla  
McDermid class

Marissa Martin

Tom O'Reilly

Amelia (Amy) Dolgin

Julia Stewart

Keelee Martin

Julia Rose

Keri Kittle

Jill Grotkin

Karla McDermid

Lisa Parr

Chaz Baruelo

Robert P. Smith

Jon Manusek

Matt Connelly

Anthony Sagapolutele

Sione Lam Yuen Jr.

Enca Amundson

ROBERT SMITH

Thesis Committee Meeting

LISA WEHLSTEIN, Me, Karla.

3/24/2015 Budget Meeting.  
Tues.

3/24/2015 TAP Meeting Rehab  
Tues. need Wendes IR's + EU doc.

ALAZS/GEORGE

A 182 A

1:42A

Honolulu/HK

2:33P

Hilo/ITO

1152

70 PLATINUM

ART:11

BOARD: CLOS:

L

ATE:57

SEAT: 1A



MARE 495 Senior Seminar WI (Writing Intensive)  
Spring 2015 Dr. Karla McDermid  
Thursdays 2-4:50pm, W 5



- Need " "

DOME"  
seen

MAKAPUU  
NEAR  
GOLF Course

(85)

From: jonathanjiunlang@hotmail.com  
To: itsahonuworldinhawaii@hotmail.com  
Subject: RE: from George Balazs- RE: Marine Science, UMS -Jon  
Date: Thu, 2 Apr 2015 10:05:19 +0000

Dear Mr. George,

We had read your papers provided, in addition with other reports and articles we had found through our universities portal. We had prepared questions when we made contact. Phone call will not be a problem, and I can be reached at +60168601912. You can call us at 4th of April, 2:00pm (Hawaiian Time Zone). The dead line of our project is on the 24th April, by then we will present our project to the class through dramas and Powerpo presentation.



FN Visitor (< 3 days) info ne

Start Date

Departure Date

FN First Name

FN Last Name

Affiliation

Gender

Date of Birth

Home Country

Country of Citizenship

Country of Current Residence

Dual Citizenship (Y or N)

Passport #

Country of Passport

Purpose of Visit

TR: 33-679-

717-961

6/11-

6/13/15

ALEXANDRE  
GIRARD

MALE  
MAY 31, 73

FRANCE

FRANCE

FRANCE

NO

14AR96753

FRANCE

617-324-  
54056

6/11-

6/13/15

COLIN

LIMPUS

MALE

SEPT. 11, 40

AUSTRALIA

AUSTRALIA

AUSTRALIA

NO

AUSTRALIA

E4110043

Call:

552-7999-

811-622

6/11-

6/13/15

CECILIA

BAPTISTOTTE

FEMALE

\* 11/22/59

BRAZIL

BRAZIL

BRAZIL

NO

\* FAO 14047

BRAZIL

Office TEL:

55-27

3222-

4775

(4)

MILANI CHALOUKKA

(5)

KARINA JONES

N5569713

10/17/1990

JAMES COOK AUSTRALIA

(7)

KY

KØ1823376

(6)

ISABELA GUARNIER DOMINICIANO

PP# FJ101793 BRAZIL

preventing  
engines of generating  
stations

leaf



FRIDAY  
3/27/15

# WALAU Power PLANT

(87)

<sup>SUNNY</sup> Clear skies, moderate breeze HOT  
Noted bike path.

## "POWER PLANTS OF HAWAII: MAKING ELECTRICITY TO WARM SEATURTLES"

1152h WW outfall #~~2~~ (EAST) STRONG FLOW

" west #~~2~~ 3 20% of #1 bias to west,

1152h from west sheet pile - 1 juv 6 breaths

1202 1 Juv same area 4 breaths; 1212 same,

1220 - 1223 strong flow #2 - silt + sand

2 times saw 2 synchronized surfacings <sup>50-40-45cm</sup>  
Same size juveniles - one w/ 5-6 chelonibia

1254 TO TO CAR

1224pm return; 1226 <sup>2 breaths</sup> 1 JUV #2 EAST CALM

1230 1 Juv. 2 breaths Right in #2 strong area flow;

1232 1 Juv (breath #2 flow) <sup>strong area</sup> 1300 pm photos.

148 2 separated surfacings - same size

146 pm surfaced & saw westward & bolted.

NOTE: <sup>Time between SURFACING 50%</sup> Assume Resting on bottom as opposed to feeding.

211 pm depart for IRC.

Leads 4/1/2015 <sup>LATE</sup> "If Graham doesn't come  
Wednesday there will be no turtle person."

PROVINCIAL  
ENGINEERS OF  
GENERATING  
STATIONS



need  
East  
Africa

Body  
Condition

KAPOTTO

ARGOS ID 52704

4/8/15

8/24

TELONIS #647937

TAM 2639

BASEL POND

SCL 76.2, 147 lbs

need  
H DIVE

2006

from  
Council at New Cal

edwin

9/28/2006

from New Cal

Recap 2009 orig tagging =

EXISTING PITS

LH-44545D 612B

RH-44521C 5A59

19° 49.29.916

154° 49.277 W

Scoop netted while GROSS EATING.



DALAMAN, TURKEY ISTS 35

(89)

15 APRIL 2015 - UA

to LA to JFK

Wed, Night 845pm

JFK HILTON 4/16 Night Rm 423.

15-26 APRIL 2015

Wed. Sunday

SLP Meeting

"quietly"

4/29/2015 900AM

4-points  
see her Agenda

Wednesday PIER 38

Joy, Jenny, ~~KIM~~, FP, KvH, Jeff

"Supported by PIRAO?" Asked to PAT

Jeff 11 years (~

3-FZ's

3 owners, 5 general managers  
GB HISTORY one has BRED SP

Hatchling at Home  
KvH 6 years  
Energetics

Looking at hawks by

failed solar TAGS  
[LAST 24 hrs offshore]

Preserved

All HAWAIIAN Hawks are Hawaiian

VIDEO KIANA

enhance population

THE ROLE OF AQUARIUMS IN  
MT CONSERVATION

- Obama Headstart



MID-POINT REVIEW TRP DATA Meeting

4-28-2015

Tuesday

FN's

BASE PASSES (?)

not needed

EXCEL TRAINING

Google CHARTER

TRAINING?

SLP AT 9AM PIER 38

PBF

Conference Call

Thursday

Jenny Schulte

4/30/2015

1-866-564-2991

4888269#

+ need Denise et al. SPATIAL TO Jenny

3 calls - 1 workshop

March 23, 2016 FINAL Rule

Critical Habitat rule due March 2017

Nesting MAIN Hawaiian Islands

depending upon downswing or upswing? Founders

"AT SEA" net

4/30 Thursday

5/5/2015 Tuesday

PBF 9AM - 11AM

CRITICAL HABITAT

In Fri, Apr

Aloha Eve

\*\*\*CHAI Moana B

My apolog to have, th Discussion with you a

Draft Agen

09:00 Bac

09:30 Gre

09:45 FWS

all google.com

K956 - tagged Lani on 12/1

K958 - tagged

K959 - tagged ID 11506).

K960 - tagged

K962 - tagged ID 11477).



91

On Fri, Apr 24, 2015 at 3:53 PM, Joy Browning <joy\_browning@fws.gov> wrote:

Aloha Everyone,

4/29/2015 Wednesday

**\*\*\*CHANGE IN MEETING LOCATION: FWS Conference Room 3-127 (Federal Building, 300 Ala Moana Blvd.)**

My apologies for getting this out late. Due to the amount of background information that I would like everyone to have, the intention of the items listed from 09:00-10:00 are for clarification and informational purposes. Discussions on those topics will occur after 10:00 (or sooner if we can get thru all the topics). Please bring with you any information that you feel would be useful for our discussions and FWS consideration.

#### Draft Agenda

##### 09:00 Background Information

- How did the program get started (Jeff and George)
- Current Activities
  - Educational Outreach (Jeff)
  - Loan Program (Jeff)
  - Research (Jeff and Kyle)

##### 09:30 Green Turtle recovery actions (Joy and Pat)

##### 09:45 FWS' requested changes to activities at Sea Life Park (Joy)

- Discontinue public feeding of green sea turtles on exhibit

[ail.google.com/mail/u/0/?ui=2&ik=879c632b44&view=pt&search=inbox&th=14cfbec7e78e099f&siml=14cfbec7e78e099f](mailto:ail.google.com/mail/u/0/?ui=2&ik=879c632b44&view=pt&search=inbox&th=14cfbec7e78e099f&siml=14cfbec7e78e099f)

K956 - tagged on 6/20/94 on a Mauna Lani captive turtle. Then released on 7/4/94, only to strand dead at Mau Lani on 12/11/94 due to unknown circumstances. (Turtle ID 11507).

K958 - tagged on 7/15/93 on a Mauna Lani captive turtle. Released on 7/4/95. (Turtle ID 11033).

K959 - tagged on 6/20/94 on a Mauna Lani captive turtle. Released just over a year later on 7/4/95. (Turtle ID 11506).

K960 - tagged on 6/20/94 on a Mauna Lani captive turtle. Released on 7/4/94. (Turtle ID 11508).

K962 - tagged on 6/20/94 on a Mauna Lani captive turtle. Released just over a year later on 7/4/95. (Turtle ID 11477).



7/2015

National Oceanic and Atmospheric Administration Mail - PRNT Fwd: SLP Green Turtle Meeting

- Remove all progeny from pre-Act turtles from existing exhibit
- Cease turtle breeding of pre-Act adult turtles
- Discontinue loan program

10:00 Discussion of above topics

10:50 Wrap up of meeting

Aloha,

Joy Hiromasa Browning

Biologist, U.S. Fish and Wildlife Service

300 Ala Moana Blvd., Room 3-122, Honolulu, Hawaii 96815

Office: (808) 792-9400 Fax: (808) 792-9580

SLP 5-1-2015  
N=14

SAMPLING

5 MALES, 9 FEMALES 5/1/2009  
G NOT PRESENT; J present

Issue Postage: \$7.15

LA JOLLA CA 92037-1509

Zone-8

Priority Mail 3-Day By

Weight 13.10 oz.

Expected Delivery: Wed 05/06/15

Includes up to \$50 insurance

USPS Tracking #: 9505 5111 3462 5122 3884 01

Issue Postage: \$7.15

9/17/2009

SAMPLING

J NOT present  
G WAS present

9/17/2009 N=

Lindsey Chang

LCHANG206@  
GMAIL.COM

LORETTAKWOK

611@HOTMAIL.COM



93

From: stacy.hargrove@noaa.gov  
Date: Mon, 4 May 2015 13:38:57 -0400  
Subject: Re: 3 more turtles- then I'll ... leave you alone (for a little while :)  
To: itsahonuworldinhawaii@hotmail.com

Only found 1 of the tags, but it's not associated with the correct TurtleID.

2982 links to Turtle ID W775, but W775 nested at East Island in 1990, 1997, 2004, 2009. On January 10 1997 a SLP turtle is entered with Turtle ID W775; notes say the turtle was ill and died later. Maybe you have notes in a 1997 field notebook that can help clear this one up.

NNW756 - not found. I have 5 NNW tags in the spreadsheet - NNW751, NNW762, NNW763, NNW769, NNW770, NNW771 but none of them have dates associated with them. SKKM entered the records on 11/17/11. 4 of those tags are associated with existing TurtleIDs for SLP Captive turtles and were measured on 5/16/03 - and there were a total of 13 SLP turtles measured on that day. Maybe 2982 is really 2985...b/c that is one of the SLP turtles in OTDPS on that date. The other TurtleIDs are: 6495 (also has tag NNW769), 9905, 4150536E3B, 44520D256E (also has tag NNW762), WC01, WC04, WC07, WC13, WC21, WC22, WC24, WC25.

Y32 - not found. There is a Y31 on Turtle ID Y30, but no Y32.

If you have dates for any of those 3 tags/records, it would really help.

On Fri, May 1, 2015 at 4:40 PM, honu world <itsahonuworldinhawaii@hotmail.com> wrote:

2982

NNW756

Y32

Peter's records (an old spreadsheet) show released at ... Palaaui Molokai. My memory on that is ... fuzzy. The NNW756 is was a pretty large tag I recall. What can you find for these 3?



Hello TRP,

I wanted to give you a heads up on our timeline for loading the ship and other important items:

Friday, May 8th am - all gear going to cold storage ready for trucks. It will get delivered back to the ship loaded on Monday, May 11th.

Monday, May 11th 1pm - cultural briefing (auditorium) — 2pm 5th Ave

Thursday, May 14th 8am - ship walk through and safety talk.

Thursday, May 14th - All hand carried items will get loaded on the ship.

COB May 15th - EVERYTHING must be loaded on the ship for a May 18th departure.

8' = 96" 10' = 120" #  
4 person #369, Base Camp 4 tent 5' high 8x7  
Item #862432

299.95 Big Agnes House 4-tent 5'8"  
#865403

EMMA DAY I MAY 4 - MONDAY SHOP FOOD  
2 5-TUES RACK

DAY 3 MAY 6 - Wed.

DAY 4 MAY 7 - Thursday

DAY 5 MAY 8 - Friday

DAY 6 MAY 9 - Sat

DAY 7 MAY 10 - Sunday

8 11 - Monday

9 12 Tues

10 13 Wed

11 14 Thurs

DAYS 12-14: Friday - Sunday (15 - 17 MAY) CALIF. GRADUATION

DAY 15 (18 MAY) SAIL HIIALA KAI

Wilderness (1)  
TRAINING (2) Lunch w/ BOGARDUS  
SLP Lagoon  
Joe Spring meet (3)  
IACVC (4)  
TRAINING  
SEXUAL HARASSMENT AVOIDANCE;  
CULTURAL BRIEFING; COMMUNICATIONS;  
SKM DATA; Meet w/ Chader  
MOTO TOOL ETC. NEUROPSIES (10) GEMS  
SAFETY  
SKM DATA  
Theo Monk seals (11)  
RACK



Doesn't go Michelle Lunch IRC wed/thurs/fri/sat (95)

Mark SULLIVAN - Tyler -

8AM  
- weather port - JOE -

- Easy up x 2  
Rei x 2  
PLATFORM 8' x 10'  
less than 5' tall

- EPIRB -  
Seal training

- Mike Burns - shock work  
- KOA - 2 seasons  
- Alarm Clock

" Do The Best can  
Cost - Benefit "  
Shawn FARLEY Leader

Pillow <sup>needed</sup> - Costco

5/8/15 Lunch w/ Michelle, Tyler;  
Friday EMMA - W/ Dewey train (X3)  
LAST DAY BOGARDUS  
Saw Susan Pultz.  
talked

25 - 615pm SLP w/ 14 turtles  
- photos



5-6-2015 FP STEERING

Wednesday

1-855-547-8255

13<sup>th</sup>

(96)

debora

sent SRT Code 92067#

BANKER; Agent; pickups 6/11 6/12;

50 lines

Meet w/ <sup>UNITATIVE</sup> <sup>client</sup> S. in person or phone;

Hotel confirm; Stacy;

STH <sup>PERSONAL</sup> AGENDA

"Not dealing with it ALL" = ARGinine

"A really Codd thing S"

A Thought we would like about DATA PARR

FP "Back to CORE" TOR <sup>FPs</sup> VISION  
2/26/2015

ETHICS  
from  
R. Merrick

Product of Meeting = paper or Report

stock ASS. w/ IN Protected Species

core mandate STATUS Review

FAST <sup>FP</sup> "Booming"

FP "A FIRST"

First 50 lines

STATUTORY  
NADA

I want  
them

"Be sure objective" Reason  
has there "

Clearly I confused them  
things don't mean

(150) Super Scientist overview?



7 MAY 2015

"Core" Stranding TAP Meeting 9 AM

Relief Piro #; Address Greater Workload,

— own personal time & efforts  
FWS / FWS disparity # OT Listing = #

"Cultural Landscape"

"we are fiscally tight" - FP

→ ANN Garrett  
"ENSLAVED"

5/11/11 AM COMMUNICATIONS when in  
Monday The field - t. Emergencies  
M W F check-ins M weekly report by leaders.  
CC "Coms log" unless confidential.  
"TEXT Messages" for emergencies.

8 AM 12 4 8 PM Daily look at your ST. Phone  
Check email daily AM & PM.

Personal 20 min a month emails? = 20 emails?  
One email account per island. Jessie will send.

CHAD - "Most Remote for NOAA."

No study objectives supercede your safety.

- 1) Personal Safety
- 2) Safety of Animal
- 3) DATA

"Be prepared for everything"  
"One person is in charge"

"ANIMAL HANDLING" - "NO UNNECESSARY RISKS"



5/12 Met w/ Scott Godwin \* Summer - S. G. well  
TUESDAY / RAM P. Reef ASSESSMENT MONITORING Program  
5/13/2015 2 EU necropsies  
Wednesday Ron Kittle Flew TO  
Hondolua To sample  
GI contents

NEED  
TIDE  
CHART  
HARRY  
EMMETT  
Rubber  
gloves

5/13 EMMA Monk Seal BRIEFING  
w/ THEA 30 MIN.  
5/12 TUESDAY 130-2pm FFS communicating  
meeting Re Tern < > East EMMA

George,

First choice: pelican case  
from Shawn/Jessie  
for Good Zero

Second choice: in the  
bucket wrapped in  
bubble wrap.

Thanks,  
EMMA

need  
Videos

(Co  
5/1  
Ma  
my  
SAT  
phone?  
BORROW

EXTRA  
sat.  
phone  
need

need  
Today  
Gun

Mt.  
Sat. ph  
Sen  
An

K.M. RA  
Suici

2V  
An



(continued)  
5/11/2015

\*NO RUSH  
GETTING TO EAST  
OR  
SMOKE FLARE  
NEED?

99

Fully charged Batteries"  
Monday "Communication is the Key"

FP NO  
more one  
person  
only

my  
SAT  
phone?  
BORROW  
EXTRA  
SAT.  
phone  
need  
need

Read & understand = EMMA  
USCG - commo Channel 16 VHF  
Call Brenda's Cell  
CHAD - 4 NUMBER

Program numbers into

"Everyone has an EPIRB - life or death situation."

Honest & Proactive about Medical to your camp leader.

EPI for EAST ANTihistamines

Hurricanes =

GUAM - Hurricane Coming - Cancel Turtle Project.

Tsunami - 200 F or deeper - safe  
5 days food & water.

MT. BALAZS

SAT phone - buy your own, IRIDIUM.

MICRO?  
BURST?

Scenarios that happened - on slips of paper.

Antibiotics - sunshine effects.

STANDING  
Request  
Ct 30

K.M. RADIO CARBON - FIBER TEXT POLES.

SUICIDE

5/11/2015

CULTURAL BRIEFING - 1 P.M.

2VD

All Biological Resources Cultural Resources.

Ancestral Base

"BACKYARD"



(100) IR CONEL  
w/ 625  
HMS  
Address

TO FES  
1F016-1F99 w/ EMMA  
2F01-2F99 GOSLINER  
3F01-3F75  
4F01-4F99  
5F01-5F99  
5/18/2015

See p. 83  
N=2 6/24

57144 Telonics 672269  
55759 Tel. 672284  
88060 Tel. 672336

LC702765907US  
USPS® Customs Declaration - CN 22  
IMPORTANT: The item/parcel may be opened officially. See Privacy Notice on reverse of Sender's Instructions page. Please print in English and press firmly; you are making multiple copies.

From: Sender's Last Name First  
BALAZS GEORGE  
Business  
N=3  
Address 992-A AWAANANDA  
City LULU State ZIP+4  
HI 96825  
or Email P-683-8402  
Last Name First  
BYUNG-YEON  
DEAN SCI, JEJU  
102 JEJU DAHAKE JEJU  
City State/Province Post Code  
JEJU  
Country Telephone/Fax/Email  
REPUBLIC of KOREA  
2- Shipping Label (left) and Customer Copy (right)

### Conference Call Agenda

1. Overview of conversation with Karen and Alan + Suggestions
2. Anaerobic culturing methods + Viability
3. Measuring Diversity ≠ Microbial Role → Measure Biomass of Micro
4. VFA/SCFA Production Methods (≠ Matter Of Spp.)  
- K. Bjorndals Paper + Others

Practicality and Ease (TBD)  
Instrumentation (TBD)

5. Growing Red-Eared Sliders → Gut Microflora

6. Glyphosate Paper Edits

7. Science Commitments For Summer

Directed Studies 699 (6 Cr)

Glyphosate Paper

HCC in August

8. Non-Science Commitments For Summer:

House Sitting Until 28 May.

BOWEN  
K&A  
KIRLA  
6/22/2015  
Return

Wisdom Teeth/Oral Surgery Dates: Split 06 Ju



"HyBRID Approach" CULTURAL  
Maritime Heritage - Kelly BRIEFING

(101)

"Two Brothers" = FFS shipwreck site  
Necker - SHADOWS CAST

RETURN collected samples back to Norman (re: necrosis)

5/20/15  
Wednesday

1030AM

Volatile FATTY Acid Production

~~9:14 AM~~  
~~SUMMIT STEERING~~  
~~50 MIN~~

5/22/2015

see 867496  
1-855-547-8255  
92067#

Hello Good morning- Here are brief key-words for talking points that have some too, please send or say:

- Agenda revise 5 or so days out
- Stacy Rapatoire
- Abstracts
- Milani
- Meet in person- arrivals in Honolulu 1) Steering 2) invited participants
- Shandell facilitator/moderator
- Next Steering by phone before Summit.

(9)  
9

101

5/26/2015  
TUESDAY  
35 MIN  
TALK

Karla in COLORADO -  
888-390-7574  
leader Code 8583765#



Jim Lynch  
Chair

# Second Meeting of the Protected Species Advisory Committee

5/27/2015  
Wednesday

9 AM

[ERIN only person not present]

Note -

Covered

has no

quantitative

specialists

on staff -

all traded

(contracted)

A. S. <sup>Samoa</sup> LL 20% now

observer

coverage.

prior up to 33%

DALZELL presentation

primarily Albacore for Cannery.

no more aka i.e. 50 mile closure protects

nothing

Members

people missing =

Sec. 7 update - DAWN + 2 PERO Ariel Jacobs; TARA

DAWN - Climate Change

"Permits"

AS LL fishery

Hawkbill swimming along side vessel

Will adversely affect

(Lyn McNutt

Zensea1@gmail.com

Lunch 1205 - 115 pm.

Sailor Jerry's now =

Mike Mabre

ASUKA

fixed

Genetics N. Pac.

Loggerhead

RAY  
CLACKER  
x x x x x

GOLDEN

DAWN - proposed Green Turtle Listing

DPS = Genetic, behavioral, morpho, geographic



Send  
TO SAM  
Seminor  
Wabnitz et al 2015

Trend  
Threat  
geo abundance  
nesters  
How many

IRAN  
GUN  
JASON  
PIZIAN

103

Humpback Whales

Kyle presentation -  
NOMILANI

"discounting process because they  
are juveniles"

John Pashon  
observer program  
Seabird interaction



Kauai  
Community  
College  
University of  
Hawaii

S. Lyn McNutt  
Grant Administrator

Office of Continuing Education and Training  
3-1901 Kaunualii Highway  
Lihue, HI 96766-9500

Phone: (808) 245-8400 0109  
Fax: (808) 245-8271  
E-mail: mcnutt@hawaii.edu

DAY 2 5/28/15

Thursday 9AM "FEP Annual  
CHRIS (WPRFMC) - Ecosystem Report Annual report

CLAY TAM new member \* hitish 06@yahoo.com

Milani - Chevron project off shore drilling  
pipeline to BARRER IS.



WESTERN  
PACIFIC  
REGIONAL  
FISHERY  
MANAGEMENT  
COUNCIL

Second Meeting of the Protected Species Advisory Committee  
Council Office  
May 27-28, 2015

5. Protected Species Updates
- A. Council Protected Species Activities Update
  - B. Green Turtle Status Review and Proposed Rule
  - C. Humpback Whale Status Review and Proposed Rule
  - D. NMFS Protected Species Activities Update
  - E. Discussion

Asuka Ishizaki  
PIRO PRD  
PIRO PRD



> From: skahng@hpu.edu  
 > To: asuka.ishizaki@noaa.gov; itsahonuworlindhawaii@hotmail.com; m.chaloupka@uq.edu.au;  
 Erin.Oleson@noaa.gov; khyrenbach@hpu.edu; carlm@hawaii.edu; jim.lynch@kgates.com;  
 Zensea1@gmail.com; hifish06@yahoo.com  
 > Subject: HI Green Sea Turtles  
 > Date: Fri, 29 May 2015 04:48:37 +0000

> Admittedly, I am not a sea turtle scientist but I am an ecologist and an oceanographer who understands HI. After thinking about this issue more, it seems that the best available science probably does exist to evaluate the HI Green Turtle DPS risk associated with the nesting population at FFS (i.e., catastrophic sea level rise eliminating the FFS nesting habitat).

> The question to ask is what created the nesting habitat above sea level at FFS and at other carbonate islands (where the original volcanic edifice has subsided below sea level - basically all islands north of FFS). There are two logical options (1) episodic storm deposits create subaerial sand deposits (remember that for all practical purposes all calcium carbonate forming these islands is biogenic and produced underwater;) or (2) a higher sea level stand was required for their formation - the most recent being the Kapapa high stand ~5,000 yrs ago (the next earlier high stand was during the Pleistocene, MIS 5e Waimanalo formation ~120,000 yrs ago).

> If the answer is (1), then it would be difficult to argue that the nesting habitat would ever disappear with rising sea level given the location of FFS well south of the Darwin Point and given the areal size of the island platform (Grigg 1988; Grigg & Epp 1989). A rapid sea level rise of at least 30-40 m is required to drown reefs in HI. If that happens, some human DPS will be listed on the ESA.

> If the answer is (2), then none of the nesting habitat at FFS existed 5,000 yrs ago during the Kapapa high stand. The population genetic structure of the current nesting population at FFS should show a marked founder effect (genetic bottleneck) calibrated with a molecular clock to coincide with a recent event <5,000 yrs ago. Don't we already have this data? Although it is possible that the founder effect could have been swamped/erased by external migrants into the population, such migrants would demonstrate that the population(HI DPS) does not rely on a single FFS nesting site anyway.

> The geological question can probably be answered by Chip Fletcher. However, that answer may be irrelevant as the ecological implications converge to the same conclusion.

> Aloha, Sam

> \*\*\*\*\*

> Samuel E. Kahng, PhD  
 > Associate Professor of Oceanography  
 > Hawaii Pacific University  
 > Marine Science Program Office  
 > 41-202 Kalaniana'ole Highway  
 > Waimanalo, HI 96795  
 > Phone: 808-236-3562  
 > Email: skahng@hpu.edu



15th Summit Steering  
730AM 6/2/2015 Tuesday 45 min

105

Research  
DATA  
Repository

From: stacy.hargrove@noaa.gov  
Date: Tue, 2 Jun 2015 12:58:22 -0400  
Subject: Re: Today's Telephone Talk 730am in 45 min  
To: itsahonuworldinhawaii@hotmail.com

Not sure I have topics, but I have questions for discussion.

Logistics - Transportation to IRC from hotel - 10 people staying at the hotel; I will have a car, who else?

When/how will presentations be collected?

Wednesday - what sort of preparations are needed and who do you need to help?

~~and photos~~

ALLEN - Delta 1559 6/9 TUES. 522pm

STACY <sup>HARGROVE</sup> AA 2 6/9 TUES. 230pm

CARLOS Delta 3 6/9 TUES. 522pm

Ulew Delta 6/10 Wed. 522pm

Cecilia Delta 1151 6/9 TUES 531pm

ALEXANDIE 2 6/8 MONDAY 405pm

COL <sup>3 from BRISBANE</sup> 6/9 TUES. 1105AM

DAN <sup>WALSH</sup> 6/9 TUES

KARINA - Jetstar 705 6/9 TUES 730AM

BRIAN Stacy - AA 0123 6/10 Wed 1222pm

Milani 5

ISABELA 6



• BE RESPECTFUL •

"In all interactions with staff and internal and external partners, communication and behavior will reflect the highest level of professionalism and respect for others. Conflict is minimized and steps are taken to quickly resolve disagreement and to maintain effective and collaborative work relationships."

Tue, Jun 2, 2015 at 8:44 AM

FFS Backup <ffs.bkup11@amosconnect.com>  
To: George Balazs - NOAA Federal <george.balazs@noaa.gov>

Hi George,

I'm sorry our phone call got dropped on Saturday afternoon. Everything went really well! I was there for two nights, did a 4 hour shift Saturday night, and a 6 hour shift last night. The first night I only marked 26 females, and was excited to actually see a nesting turtle laying eggs! The second night I marked 30 new turtles, so I'm up to mototool number 56, and saw 11 previously marked turtles. So overall, last night I counted 41 turtles, and I noticed that because of the bright moonlight they started nesting later in the evening than the first night. It definitely gets easier to mototool with practice, and everything went very smoothly.

I'm not sure when I will be going out next, but will let you know before I go. My plan is once the monk seal crew has a more set schedule doing atoll counts to get dropped off Monday, picked up Thursday. Kneepads, and eye protection were definitely important items!

• VALUE DIFFERENCES •

• TREAT EACH OTHER w/ DIGNITY •

• ESTABLISH FRIENDSHIPS & CONTINUE LASTING

use Wisdom & Experience of our Collective Ages (careers)

2008 START

2009

2010

2011

2012

2013

2014

2015

TOTAL- 18 (2 deceased) = 16

Need email addresses →

• suggest NOMINATIONS

Suganuma / Karezaki



X GEORGE.HUGHES@IUNCAPPED.CO.ZA

107

X MARGARITOU LIS@ARCHELON.GR

Pritchard  
CHELONIANRIC@~~AOL.COM~~ <sup>gmail.com</sup>  
Sibille

sally yes  
~~DACHAIC@EMBARQMAIL.COM~~ yes correct

~~NO SPOTILA@COASMAIL.DREXEL.EDU~~

X APMEYLAN@MINDSPRING.COM

Richardson  
~~RAINFORESTRY@EARTHLINK.NET~~  
~~JAMESIR@UGA.EDU~~

Lilly  
~~MEDASSET@HOL.GA~~  
~~CIC VENTIZ ELOS@MEDASSET.ORG~~

Col Cimpus ehq.9/d.gov.au

Kaspersky  
pu7KaZ05 Dec05



108

ghost → 50 sec TO 1 MIN 38 Sec  
SAT phone call

EMMA 240 (2 MIN)  
6/16 Tues. PM on Eastsat. call 465

2nd Mid-point 1 PM - 2 PM  
"advise support" "corporate history"  
Definable expertise

Supervisory Research Biologist

Milestone: FP Summit

7/30/15

need Report

IRP

More proficient

Outcome

① Early History / creation of DATA stream

established data streams 9 AM -  
JULY 2015 Long Term DATA Stream

MONDAY

Example of Disease  
PALAAU Study

~~data bank~~

Extensive data stream

MAGNETIC PROBE

② shown - DATA stewardship

MTBAP

③ DATA ANALYSIS

Long term  
Long time



# AMAMI OSHIMA

VIA KK  
25 JUNE - 2. ITAMI  
Thursday  
5 JULY 2015  
Sunday

109

3 TAGS  
ARR 605  
PUT OUT

Kei OKAMOTO

KATSUKI Oki

MIZUNO

ARATE

keyan NG

2010-2014 (5 YEARS) 1818 hatchlings

Necropsies - 2,985

PIT Tagged

Records  
STRANDINGS 7,150 +

[7/6/2015 continued 1 PM]

Monday

Nesting Records = 43,800 +

OCEAN Captives Records = 29,400

FFS

2011 (840)  
2012 (450)  
2013-0  
2014 (810)  
2015

individuals  
NO. Tagged

THRU 2010 NOW  
16.5  
15,250  
STACY  
ASSOCIATE  
REVIEW

80,350 Records

ocean -  
Nesting -

EXTERNAL DATA

These data streams feed analyses

GUAM 5/15/2015

DAWR - Summer data 8% increase

ALL SAT TRACKS = 850

Long Line TW N = 145

N.E. 88 + N. Pacific Captive 286 = 374

RRR = 914

Euthanasia = 732

NECROPSIES = 2,985



DAY 1

# Green Turtle CRITICAL HABITAT WORKSHOP

8 JULY 2015 9AM →  
Wednesday

Rm 2192

MARCH 2017 hard deadline.

PR 3NM CH Colebra - Carlos

Need ELEPID C.H.  
ST CARIX  
Florida

"Jenny Altonall.  
Range of Hgt."

"Lower use Areas (vs Rare)

"Working on A Biological Report"

Monument Humpback whale Sanctuary

Designate what's necessary for Recovery

Restore islets at FFS

Artificial  
nesting habitat

Kehau Kimokeo - Kehau.mauio outreach

→ KAPUNA - NO HONULIKE before = HANA

Rob - MAPS GIS Denise  
will need

O'CONNOR

"SALMON PARADISE"

Russell et al.  
TO

"Maui Turtle Program"

Milani et al.  
paper

TDPS Strandings

CRES Tow Board DATA

MAPS out  
TO 30 meters  
GIS Benthic  
ALGAE COVER ETC.



Kehau Kimokeo  
State of Hawaii  
Department of Land & Natural Resources  
Marine Wildlife Program  
Outreach & Education Associate  
Maui

Division of Aquatic Resources  
2839 Kaialani Circle  
Pukalani, Hawaii 96768  
Telephone: (808) 264-9081  
kehou.mauio outreach@gmail.com



Need



Need JOANNA JAS - 26@yahoo.com  
5690 CAST ALFARO.  
Rack MAP 2007

(111)

Day 1 7/8/2015

chadwick BALAZS

"MANGROVES / MANGROVES"

PBF - Physical or Biological features

Rob NAI vehicle  
MASTERS

CR will protect non-native?

Skippy - Algae Blooms 1990s  
Don't have now.

Dutton  
W. Pacific  
HI Genetics

Don K. Dutton Jensen  
Parker et al.

Deise - need positional Cat. Long.  
DATA Set for FFS sat tracks.

DJI Quadcopter

Works for  
Steve Kolinski

with Go Pro Camera



STATES OF A

Robert C. O'Conner

Fishery Information Specialist & GIS Coordinator  
Habitat Conservation Division

U.S. Department of Commerce  
National Marine Fisheries Service  
1845 Wasp Blvd. Bldg #176  
Honolulu, Hawaii 96818

Tel: (808) 725-5083  
Cell: (808) 225-4948  
E-mail: Robert.OConner@noaa.gov

DAY 2 7/9/2015 Thursday

Joy FWS DC = Reg. Intermittent & RARE ALL QUALITY.  
"Inter-American Convention" prohibits  
take of turtles & their eggs.

ANN



(112) Feb.  
"Turn over" J.S.  
Cope WADA

"Why if want  
affect them"

"Biological  
Report"

" #7 Talking Points 6/22/15  
Green Sea Turtle Proposed Rule "

"But the modeling says there is no risk of extinction  
The modeling presented in the Status Review  
assumed that all ESA protections would  
remain in place and did not account for  
future threats, such as climate change. The  
proposed rule considers these factors in its  
extinction risk analysis, which support the  
proposed endangered determinations."

PM - 1 PM CNMI

"Metagaha Island" off Saipan

950 captures  
Tammy & Jesse

(CNMI SAIPAN TO JAPAN) where?  
2. Irene tags  
4 PM - 6 PM GUAM

DAY 3

7/10/2015  
Friday

10 AM -

Am. Samoa

MARK McDONALD

Bird -  
DMW

Swain's - 2012 "green pits all over the place"

Jennings Family

Thesis NFS Role?

Swain's "plastered w/ green  
turtles"

turnover  
of



Send  
MIS G  
Hawaii

113

(Ann Marie Gawel (Guam USFWS ES office)  
annmarie\_gawel@fws.gov

3/19/2015



From: denise.parker@noaa.gov  
Date: Thu, 9 Jul 2015 07:37:50 -0700  
Subject: my to do list  
To: itsahonuworldinhawaii@hotmail.com

Map support for External review. Working up data for Todd's presentation - Territory work.

Doing RMI paper edits

Working on FFS paper data

Tracking New Tag releases from Amami Is. - will work on getting update and creating base line map for each turtle.

Working on finding compiled data for temperature for Sea of Japan releases.

Compiling other SLP releases and creating draft maps by area of release. Will be sending to you only. I was trying to get these done in case you wanted to add to your presentation, but thought it would be nice for you to have for later presentations or paper ideas also.

China tags - I need to make sure they all have final maps for those 4 deployed.

Inputting data into demographics table - for work that has been done on loggerhead populations.

I'm sure there are other things I need to do - per your emails and texts but I have to compile these and add them to the list - this is what I have off the top of my head.

From: Jennifer Schultz - NOAA Federal <jennifer.schultz@noaa.gov>

Date: Sat, Jul 11, 2015 at 8:42 AM

Subject: Green turtle critical habitat call SAMOA

To: Mark MacDonald <macdonald.ma@gmail.com>, Joy Browning <joy\_browning@fws.gov>, "Gawel, AnnMarie" <annmarie\_gawel@fws.gov>, Todd Jones - NOAA Federal <todd.jones@noaa.gov>, George Balazs - NOAA Federal <george.balazs@noaa.gov>, Summer Martin - NOAA Affiliate <summer.martin@noaa.gov>, Patrick Opay - NOAA Federal <patrick.opay@noaa.gov>, Robert OConner - NOAA Federal <robert.oconner@noaa.gov>, David Nichols - NOAA Federal <david.nichols@noaa.gov>  
Cc: Jennifer Schultz - NOAA Federal <Jennifer.Schultz@noaa.gov>

Hi Mark, Joy, Ann Marie, T.Todd, George, Summer, Rob, Pat, and Dave,



114

From: Jennifer Schultz - NOAA Federal <jennifer.schultz@noaa.gov>

Date: Sat, Jul 11, 2015 at 8:43 AM

Subject: Re: Green sea turtle critical habitat call

GUAM

To: matt.sablan12@yahoo.com, "Aguon Celestino F." <tinoaguon@gmail.com>, Jay Gutierrez <jaytgutierrez@yahoo.com>, Jamie Bass <jddsbass@hotmail.com>, Marylou Staman <marylou.staman@gmail.com>, Todd Jones - NOAA Federal <todd.jones@noaa.gov>, George Balazs - NOAA Federal <george.balazs@noaa.gov>, Summer Martin - NOAA Affiliate <summer.martin@noaa.gov>, Patrick Opay - NOAA Federal <patrick.opay@noaa.gov>, Robert OConner - NOAA Federal <robert.oconner@noaa.gov>, Gregory Koob <gregory\_koob@fws.gov>, Lorena Wada <lorena\_wada@fws.gov>, Joy Browning <joy\_browning@fws.gov>, "Gawel, AnnMarie" <annmarie\_gawel@fws.gov>, Jonathan Sprague <jonathan\_sprague@fws.gov>, Caitlin Snyder <caitlin\_snyder@fws.gov>, Randy McIntosh <randy.mcintosh@noaa.gov>, "Cruce, Jennifer" <Jennifer\_cruce@fws.gov>  
Cc: Jennifer Schultz - NOAA Federal <Jennifer.Schultz@noaa.gov>

Hafa Adai Director Sablan, Tino, Jay, Jamie, Mary Lou, Greg, Lorena, Joy, Ann Marie, Jennifer, Jon, T. Todd, George, Summer, Rob, Pat, and Randy,

Jennifer Schultz - NOAA Federal <jennifer.schultz@noaa.gov> Hawaii Sat, Jul 11, 2015 at 8:

To: Alton.K.Miyasaka@hawaii.gov, "skippy.hau" <Skippy.Hau@hawaii.gov>, Kristen Kelly <Kristen.kelly@hawaiiantel.net>, Kehau Kimokeo <kehau.mauioutreach@gmail.com>, Joy Browning <joy\_browning@fws.gov>, Patrick Opay - NOAA Federal <patrick.opay@noaa.gov>, "Gawel, AnnMarie" <annmarie\_gawel@fws.gov>, Lorena Wada <lorena\_wada@fws.gov>, Gregory Koob <gregory\_koob@fws.gov>, Jonathan Sprague <jonathan\_sprague@fws.gov>, Caitlin Snyder <caitlin\_snyder@fws.gov>, AnnMarie Lauritsen <annmarie\_lauritsen@fws.gov>, Todd Jones - NOAA Federal <todd.jones@noaa.gov>, George Balazs - NOAA Federal <george.balazs@noaa.gov>, Summer Martin - NOAA Affiliate <summer.martin@noaa.gov>, David Nichols <david.nichols@noaa.gov>, Steve Kolinski - NOAA Federal <steve.kolinski@noaa.gov>, Donald Kobayashi - NOAA Federal <donald.kobayashi@noaa.gov>, Robert OConner - NOAA Federal <robert.oconner@noaa.gov>, Jean Higgins - NOAA Federal <jean.higgins@noaa.gov>, Randy McIntosh - NOAA Federal <randy.mcintosh@noaa.gov>  
Cc: Jennifer Schultz - NOAA Federal <Jennifer.Schultz@noaa.gov>, Elia Herman <Elia.Y.Herman@hawaii.gov>, Earl.Miyamoto@hawaiiantel.net

Hi Alton, Kristen, Kehau, Skippy, Greg, , Lorena, Joy, Ann Marie G, Jon, Ann Marie L, Caitlin, Rob, T. Todd, George, Summer, Steve, Don, Pat, Randy, Dave, and Jean,

2 J  
16  
FP  
STEERIK  
7/17/15  
Friday

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Conv  
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Fibro  
Turtle

Re



14-15 JULY 2015  
Tues. Wed.

(115)

KAUAI w/ TW & Renee USGS  
TUNNELS w/ Terry Lilly, Scott Bacon,  
& Ron Harcock

16<sup>TH</sup>  
FP Summit  
STEERING 730-830 AM

outside a USGS facility dial 1-855-547-8255

Pass code for either number is 92067#

- 7/17/15 TW =
- Friday - SKAM me
  - KACWANE
  - Alexandre TW
  - Thermy
  - Cecily TW
  - STACY me

need  
- OUTLINE -  
↓  
→ List of participants

FY15 FP Summit  
MILESTONE

Milestone Title	Contact	Description
Convene 2015 Workshop Summit on the Global Status, Trends, and Impact of Fibropapillomatosis Marine Turtle Disease	Balazs, George, 808-725-5733 and Brunson, Shandell 808-725-5744	Fibropapillomatosis is the most significant disease globally of endangered sea turtles. Green turtles in Hawaii and Florida have been especially afflicted. Prior workshops on this tumor-forming pathology were exclusively held in Hawaii by the PIFSC 24 and 17 years ago (in 1990 and 1997). A 2015 summit workshop will therefore be convened with invitational expert participants from nine worldwide regions. Data relevant to disease status, trends, and impacts will be presented, discussed, and analyzed in collaborative partnership to reach consensus and formulate future research and conservation needs.

Report Submitted to RISA 7/17/15



(116)

Dear George, Shandell, & Devon,

I just wanted to express once more my sincerest thanks & gratitude towards you all for helping to make the most of my experience with the TRP. I learned many valuable lessons & skills under your guidance & expertise that I will carry with me as I continue on my journey to a career in marine science & conservation. It has truly been an honor, and an opportunity I will never forget. Mahalo nui loa,

Respectfully, Natalie Dornan

N. Dornan

91817 Oaniani  
Kapolei, HI 90755



Mr. Hayswider

*Handwritten signature in red ink*

andrew  
Eustaquio

Javar Pilivake  
Wilson

Leilani  
William  
Rogers

Zephani  
Bellefleur

**Much MAHALO for  
supporting our class!**

James  
Chen

Darlene Watanabe

*Handwritten signature in black ink*

*Handwritten signature in blue ink*

Flora Miller

Paul Mc

Dear Mr. Balazs,

We thank you so much for spending quality time with us and teaching us about doing a Necropsy on a sea turtle. I love how you guys showed us the data of the sea turtle. To me, it was very unfortunate how each turtle was found dead and how the turtle died. But, As scientists like you, you guys search the turtle of any harmful things it has or contains on or in its body, then analyze and combine all data you've collected to find a strong solution to prevent the turtles from entering a harmful hazard from man or nature. My mind is swirling with questions, but there are always ways to prevent bad things from happening. So in a strong heart, we do what we can to save the animals we truly love.

P.S. The Statements you've collected and the statements you've told me made me want to study Sea turtles more. The things you taught us made me more interested about turtles.

Sincerely,

Javar and WPRFMC

MHS - Yoshioka  
2825 Ala Ilima  
Honolulu, HI 96818



Rachel Roberts

SSC Network Coordinator, IUCN

Dear Rachel,

7/15

**Nomination of George Balazs as MTSG CO-Chair**

We write to nominate George Balazs for the position of Co-Chair of the Marine Turtle Specialist Group (MTSG).

George is a highly dedicated researcher with unparalleled and wide-ranging experience in the conservation and research of marine turtles. He has over 40 years of extensive research experience on various aspects of marine turtles including fibropapillomatosis, habitat use and movement, nesting and foraging ecology, population monitoring, genetics, pathology, and culture etc. He published over 350 peer-reviewed papers and significantly contributed to our understanding of marine turtles, in particular on fibropapillomas. George has conducted research and studies of marine turtles in many places and thus he is familiar with the status and conservation of marine turtles in the world. He is in particular familiar with the conservation status of marine turtles in the Pacific, including Mainland China, Hong Kong, Taiwan, Japan, Singapore and Thailand, as well as Oceania including Hawaii, Fiji, Australia and New Caledonia etc. George is also conversant with various issues on marine turtle conservation in the world as he attended or organised all major professional meetings on marine turtle research and conservation.

George is currently the Zoologist and Leader of Marine Turtle Research for National Marine Fisheries Service of the United States Government. He had rich experience as a public administrator dealing with various stakeholders in conserving marine turtles. Through his diverse involvements in various collaborative projects with researchers, government officials, local community and other stakeholders from different countries and cultures, George had undoubtedly demonstrated his leadership and diplomatic skills in making substantial achievements and successful implementation of these projects. He was a MTSG member since 1976 and has served as the Deputy Chairman of MTSG from 1990 to 1998. He is now the Regional Vice-Chairman for Oceania Region and the Director of the Board of International Sea Turtle Society. George is well known in the marine turtle community and is highly respected by members of MTSG. He has received a number of prestigious awards in recognition of his significant contribution to marine turtle conservation including the Lifetime Achievement Award by the International Sea Turtle Society in 2012. Besides, George had a proven record of fundraising in which he raised annually a funding of up to \$860,000 from 1986 to 2013 from US Senator Daniel Inouye Congressional Initiatives and NOAA Programmatic Funding.

George also provided services on various scientific committees on marine turtles including the Global Green Turtle Status Review Team, Protected Species Advisory Committee of the Western Pacific Regional Fisheries Advisory Committee, and Scientific Advisor to the Regional Marine Turtle Conservation Program of the Secretariat of the Pacific Regional Environmental Programme etc. He is enthusiastic and highly committed to marine turtle research and conservation not only in his home country but also other places such as China, Japan and other Oceania countries. He notably contributed much efforts in training marine



turtle researchers and working with relevant stakeholders in conserving marine turtles in China in recent years, which has significantly led to the flourishing of research and conservation projects on marine turtles in the region. He was also involved in training the young generations of marine turtle biologists through mentoring many graduate students studying marine turtles, which is important in enabling the succession of marine turtle research and conservation.

Apart from marine turtle research and conservation, George is interested in traditions and local cultures of marine turtles. He has studied in person the traditions and local cultures of marine turtles in Taiwan, Hong Kong and Hawaii and published his findings which have helped to promote marine turtle conservation in the local communities through linking science to people.

Last but not the least, George is a dedicated, faithful and reliable friend and collaborator. We firmly believe that George is the best candidate to take up the post of MTSG Co-Chair and the MTSG will thrive under his leadership. We will unreservedly and fully support George as the new Co-Chair. We have sought the view of George on the nomination and he has indicated that he is willing to contribute further to the MTSG and marine turtle conservation by serving as its Co-Chair if so appointed. We hereby jointly nominate George for the position of MTSG Co-Chair. Your favourable consideration of our nomination is much appreciated.

Yours faithfully,

\_\_\_\_\_  
(Simon Chan)

MTSG Member

China-Hong Kong

\_\_\_\_\_  
(Ka Yan Connie Ng)

MTSG Member

China-Hong Kong

\_\_\_\_\_  
(Hexiang Gu)

MTSG Member

China

\_\_\_\_\_  
(Yamin Wang)

MTSG Member

China

\_\_\_\_\_  
(Frederick Yeh)

MTSG Member

China



HCC AUGUST 2015

(121)

**Title** Fall and Rise of the Hawaiian Honu: A 50-Year Witness to Cultural and Conservation Change

**Track** II. Effective Conservation and Restoration

**Secondary Track** I. Cultural Integration

**Affiliations** (1) IUCN/SSC Marine Turtle Specialist Group, Oceania Region, Honolulu, Hawaii, USA

**Authors** George Balazs (1) Presenting  
Linda Balazs (1)

**Categories** Marine

**2nd Category** Community

**Abstract**

Seven species of ocean turtles exist globally as descendants of ancient reptilian lineages that have adapted and survived for millions of years. Over the course of human history an array of relationships have developed with turtles, and especially marine turtles amongst coastal and island peoples such as in the Hawaiian Islands. Turtles are woven deeply into the cultural, traditional, and contemporary fabric of humanity with uses ranging from food to fortune telling, pets to funerary. In 2012 Hawaii's green turtles or honu (*Chelonia mydas*) were downlisted from Endangered to the category of Least Concern following a comprehensive assessment by the IUCN Marine Turtle Specialist Group (see < <http://www.iucnredlist.org/details/16285718/0>>). Over the past 50 years Hawaii's honu have exhibited new behaviors and adaptations along with an increasing population and expansion into new habitats. These favorable changes have ranged from increases in terrestrial basking to feeding on new types of vegetation, to name a few as witnessed first hand by the authors. Even more beneficial changes and acclimations can be expected in the future, including shifts in nesting to adapt to climate change, as sea turtles have successfully done with resiliency for millennia. In light of their rise to abundance, green turtles in the Hawaii constitute a unique experimental model to comprehensively understand the restoration dynamics of an increasing sea turtle population. Conservation practices in Hawaii can serve as a real-life learning ground for people in other regions striving to save and sustainably use their own charismatic and culturally important sea turtle resources.





GEORGE H. BALAZS  
SEA TURTLE SCIENTIST

TURTLE RESEARCH PROGRAM / MTR



NOAA Inouye Regional Center  
NMFS/PIFSC/PROTECTED SPECIES DIVISION  
1845 WASP BLVD. BUILDING 176  
HONOLULU, HAWAII 96818

Office (808) 725-5733

George.Balazs@noaa.gov  
ItsaHonuWorldinHawaii@hotmail.com

19 September 2014

Professor CHANG Ching-fong  
President, National Taiwan Ocean University  
Department of Aquaculture  
NTOU, Keelung, 20224, Taiwan ROC

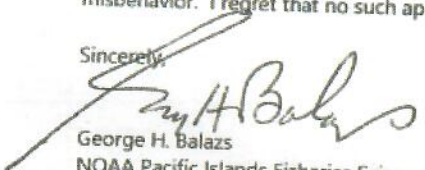
Dear President CHANG: We have never met in person, but I take this opportunity to introduce myself and send you my best regards from Hawaii. I have visited Taiwan 21 times over the past 25 years and have a great fondness and respect for the people of Taiwan, as well as Chinese culture overall. As a research professional, I also have the greatest respect and admiration for the National Taiwan Ocean University.

Having said the above, I deeply regret and apologize that this letter is being written under such unpleasant circumstances. The purpose of my letter is to make you aware of a dishonest, slanderous, vicious message written about me by one of your faculty members. Three months ago, on June 23, 2014, the enclosed message from Dr. I-Jiunn CHENG was transmitted by email in a mass-mailing to 15 of my science colleagues at my place of employment- the NOAA Pacific Islands Fisheries Science Center- where I have worked for 32 years. As you will read, the message was sent by Dr. I-Jiunn CHENG using his personal email. In the message Dr. CHENG identifies himself as a Professor at your internationally-respected National Taiwan Ocean University. Twelve of the 15 NOAA scientists receiving this message, including my Division Chief, do not know nor have ever met Dr. CHENG. In addition, this same message was sent by Dr. CHENG to 16 of my colleagues of the Board of Directors of the International Sea Turtles Society. I am one of the elected Directors of that Board.

The distorted and untruthful accusations throughout Dr. CHENG's message represent an attempt of the most profound nature to damage my reputation, both professionally and personally, as a scientist and decent person of integrity. However, by writing and mass-mailing such a hateful false message, Dr. CHENG has inflicted embarrassment upon himself and, by identifying himself as an NTOU Professor, upon your fine university.

Thank you for taking the time to read my letter to you, and the attached message sent by Dr. CHENG on June 23, 2014. I have waited three months to send this message to you with the hope that an apology of some sort might be forthcoming from Dr. CHENG, upon his realization of the extreme depth of his misbehavior. I regret that no such apology has been issued.

Sincerely,

  
George H. Balazs  
NOAA Pacific Islands Fisheries Science Center  
and  
Regional Vice-Chair for Oceania Region  
IUCN Marine Turtle Specialist Group

1845 Wasp Blvd, Building 176  
Honolulu, Hawaii 96818

over for  
Chinese



Jennifer Lynch - NOAA Affiliate <jennifer.lynch@noaa.gov>  
o: George Balazs - NOAA Federal <george.balazs@noaa.gov>

Wed, Jun 3, 2015 at 8:56 /

George,

I really enjoyed reading that chapter about the first 8 years of your career, thanks for sharing. I genuinely am so honored to be working with you. You've done so much to change the world, REALLY change the world! I hope one day I will have made such a big difference.  
I enjoyed the scene descriptions of you and Linda on the ketch in Lahaina and how the bird cut Olsen's scalp on East Island (yikes!). But the chapter never said, did you ever make it back to Tahiti? Im sure you did, but maybe you should use those travel comp hours to visit again :)

Jenn

On Tue, Jun 2, 2015 at 9:42 PM, George Balazs - NOAA Federal <george.balazs@noaa.gov> wrote:

Hello Summit Presenters and Participants: Several of us in Hawaii, Florida, and Australia have been struggling with FP for decades. During that time it's been a worry and a nuisance of high visibility, hence a primary driving factor for an array of research inquiries. Indeed it still is today, albeit here in Hawaii with a collapsed funding base for research.

Fourteen years ago science writer Osha Gray Davidson published a book that used FP as a thread for telling about all sorts of ocean-realm problems. His book is highly readable and low-priced on Amazon.com. Because the Summit is being convened here in Hawaii, I've attached Chapter 2 of Osha's book telling some of our story about the FP encounter and enigma. Here's a sentence from the Chapter:

"In 1984 Balazs counted 300 the overall trend was encouraging. Once teetering on the edge of extinction, the honu were on their way back. At least that's how it appeared until FP showed up."

We will all be seeing one another soon. Looking forward, George

123



> > From: Matthew Godfrey <mgodfrey@SEATURTLE.ORG>  
> > Reply-To: Sea Turtle Biology and Conservation <CTURTLE@LISTS.UFL.EDU>  
> > Date: Wednesday, February 25, 2015 5:07 PM  
> > To: "CTURTLE@LISTS.UFL.EDU" <CTURTLE@LISTS.UFL.EDU>  
> > Subject: [CTURTLE] Nicholas Mrosovsky  
> >

> > It is with sadness that we share the following obituary for Nicholas Mrosovsky, a great scientist who made many pivotal contributions to the study of sea turtle biology and conservation. Even in recent years when he was no longer able to attend international sea turtle meetings, he remained keenly interested in discussions surrounding new ideas in sea turtle conservation and biology, and keeping up with his former students and colleagues. We will miss him.  
> >

> > Matthew Godfrey  
> > Michael James  
> > Kathleen Martin

> Nicholas Mrosovsky, 1934-2015

> >  
> > Nicholas Mrosovsky died in Toronto at Kensington Gardens Long Term Care on February 22 of complications from Parkinson's disease. Born in Rumania on March 3, 1934, of British parents, Nicholas was educated in England, at Winchester College and Magdalen College, Cambridge and earned a PhD in Psychology from University College London. He joined the Zoology Department at the University of Toronto in 1967 and remained at U of T for the rest of his career as a member of

the Departments of Zoology, Psychology, and Physiology.  
> >

> > A fellow of the Royal Society of Canada, he is recognized internationally for important contributions to two fields of research: biological rhythms and sea turtle biology and behavior. Field work on sea turtle nesting beaches was one of the greatest pleasures of his many-faceted research career. His work on the role of temperature in determining turtles' sex and the role of light in hatchling turtles' sea-finding now influences conservation efforts world wide. Nicholas mentored many younger scientists, who viewed him with affection and respect for his insistence on the greatest scientific rigor and his attention to the craft of scientific writing. He was an avid squash player, a talented painter, a lover of opera and a good joke, and a loving father. In addition to his academic offspring and colleagues all over the world, he leaves his wife of 47 years, Sara Shettleworth Mrosovsky, his son Sebastian, his daughter Lara, and his siblings Ivan, Liza, and Joanna and their children and grandchildren.  
> >

> > There will be a celebration of Nicholas's life on Tuesday, March 3, at 1.00 P.M. in the chapel at St James' cemetery and crematorium, 635 Parliament Street, Toronto, Ontario, continuing in the Common Room of Massey College, 4 Devonshire Place, beginning at 3 P.M. In lieu of flowers, donations may be sent to the Canadian Sea Turtle Network or the Alzheimers Society of Canada.



> > Thanks for sharing this news, which is sad indeed. I knew Nicholas for more than 25 years and always admired his keen insights into science and conservation, as well as his willingness to speak his mind and encourage open discussion of contentious issues. Whenever disagreements arose, Nicholas was always ready to explain his own thinking and to invite others to explain theirs. By sometimes questioning the "conventional wisdom", Nicholas did not always win friends, but his uncompromising insistence on good science, and his intolerance of opinion masquerading as fact, have made the sea turtle community much stronger than it otherwise would have been. I will miss the many stimulating discussions that we had over the years.

> >

> > Regards,

> > Ken Lohmann

## Happy Easter

Mom and Dad, I hope you both  
have a good Easter ☺☺ I love you  
both very much ☺☺

Celebrate for He  
has risen ☺☺

  
Dara Marie



CC VIAL # SEA LIFE PARK  
5-1-15

TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: "Kiana" (Red) Female  
(F2)

Tag: 11531 (LEFT)

Measurement: 85.3 cm SCL  
5-1-15

DD VIAL # SEA LIFE PARK  
TURTLE LAGOON

BALAZS & PAWLOSKI

Turtle: P (Red) Female

Measurement 85.0 cm SCL

Tag: 45241B3764 (Left)  
413639590C (Right)

AA VIAL # SEA LIFE PARK  
5-1-15

6mm SKW  
BIOPSY FOR SCISSOR  
TURTLE W (Blue) MALE  
ETCHED & PAINTED ON CARAPACE

BALAZS & PAWLOSKI

Tag: 9905 (Left  
Hand)

Measurement 78.0 cm SCL  
5-1-2015

BB VIAL # SEA LIFE PARK  
TURTLE LAGOON

BALAZS & PAWLOSKI

Turtle H (Blue) MALE

Tag: 5105 (Left)

Measurement: 76.1 cm SCL

HATCHLING 7/11/2015 MAILED  
TOTAL SATURDAY PUTTON  
KIANA F2 HATCHLINGS  
35 7/4 N=9  
18 7/5 N=10 EMERGED  
4 7/6 N=2  
21 TOTAL  
N=57  
SAMPLED



L L VIAL# SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: A (Blue) = MALE

Tag: 44521E1F7E (Right)

407D2C1749 (Left)

Measurement: 80.9 cm SCL

JJ VIAL# 5-1-15  
SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: N (Red) Female  
Measurement: 82.8 cm SCL  
Right hind flipper half missing  
and healed

Tag: 6498 (Left)

46021C3027 (Left)  
413616302C

G G VIAL# 5-1-2015  
SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: "Maui" (Red) (F2)  
Female

Tag: 413639590C (Left)

Measurement: 90.1 cm SCL

HH VIAL# 5-1-2015  
SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: C (Blue) MALE

depigment spots on the shell.  
Measurement: 82.8 cm SCL  
Tag:

NNW763 (Right)  
4136162B03 (Right)

EE VIAL# 5-1-15  
SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: K (Red)  
Female

Tag: 4136007B03 (L)  
4135345035 (R)

Measurement: 82.7 cm SCL

FF VIAL# 5-1-15  
SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAWLOSKI

Turtle: U (Red) Female

Measurement: 90.1 cm SCL

Tag: 407C7F417A (Left)  
500F286F51 (Right)

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5-1-15  
KK VIAL# SEA LIFE PARK  
TURTLE LAGOON  
BACAZS & PANKOSKI

Turtle: E (Red) Female

Tag: NNN751 (Right)

Measurement: 94.8 cm SCL  
5-1-15  
LL VIAL# SEA LIFE PARK  
TURTLE LAGOON  
BACAZS & PANKOSKI

Measurement: 78.0 cm SCL

Turtle: (Red) Female  
TAG 8677 RIGHT  
Ø?



HONOLULU  
STAR ADVERTISER  
THOMAS  
SOWELL

5-2-2015

## Laws should be clear-cut, not left to regulatory whim

**W**e all make mistakes and some of us learn from them.

What is even better is to learn from other people's mistakes, where they pay for those mistakes while we learn free of charge.

Many Americans who say that we should learn from other people, especially Europeans, mean that we should imitate what they did. That may make those who talk this way feel superior to other Americans. But let us never forget that the most disastrous ideologies of the 20th century — Communism, Fascism and Nazism — all originated in Europe. So

did both World Wars.

More recently, Europe has been belatedly discovering how unbelievably stupid it was to import millions of people from cultures that despise Western values, and which often promote hatred toward Western people.

Maybe that is a mistake that we can think about when Congress finally decides to do something about our open borders and our immigration laws that we refuse to enforce.

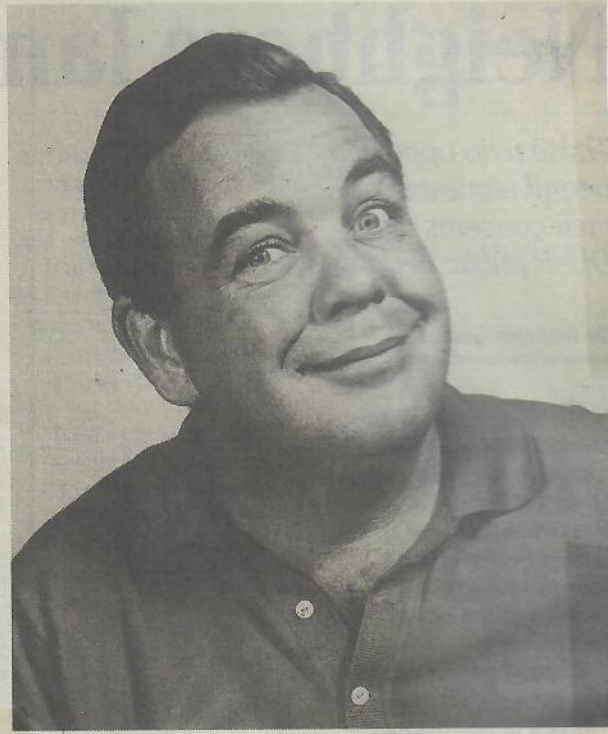
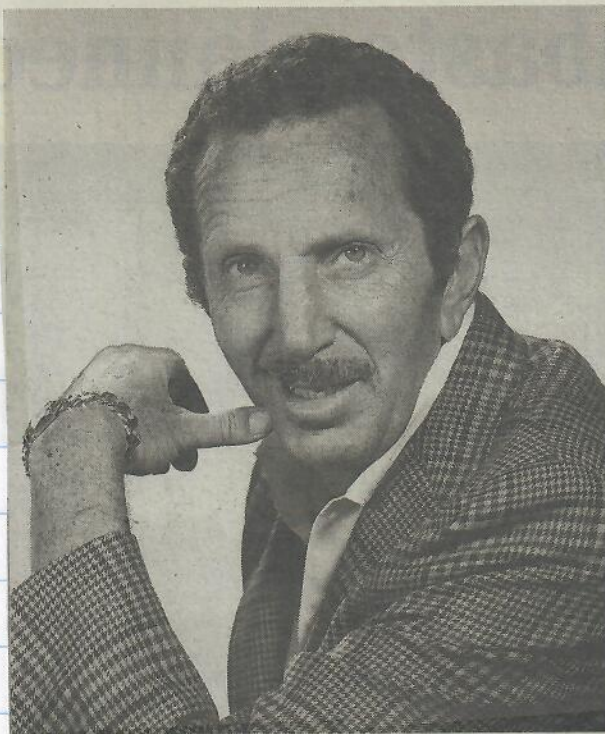
European antitrust regulators are giving us another free lesson in confused thinking by filing antitrust charges against Google, on

grounds that its searching facilities give preferential treatment to Google's own searching services over other competing searching services.

The European Union's commissioner for competition explained the basis for the complaint against Google: "We have a focus on a certain conduct, a certain behavior which, if our doubts are going to be proven, we would like to change because we believe that it hampers competition."

Some of us think laws should be clear-cut statements of what you can and cannot do. Indicting people under laws that can lead to fines in the billions of dollars over what "we believe" or what international bureaucrats have "doubts" about is not really law. It is an exercise of arbitrary power, based on whatever subjective notions are in vogue among government bureaucrats.





STAR-ADVERTISER ARCHIVE

Above, local deejays Hal Lewis ("J. Akuhead Pupule"), left, and Lucky Luck pulled several April Fools pranks on their listeners.

The Honolulu Star-Bulletin ran April Fools stunts from the 1930s until the 1950s. One involved a spacecraft that crashed into Punchbowl, at left.

MM 5-1-15  
VIAL# SEA LIFE PARK  
TURTLE LAGOON  
BALAZS & PAULOSKI

Turtle: J (Blue) MALE

Tag: 6493 (Right)  
407D466232 (Left)

Measurement: 78.6 cm SCL

NN 5-1-15  
VIAL#  
Measurement: 96.0 cm SCL

BALAZS & PAULOSKI  
TAG - NONE

Turtle: "Nui" (Red) Female  
(F2)



## Phoenix Rising from the Ashes

### The Hawaiian Green Turtle

鳳凰

## A 42-Year History of Changing Ecology and Restoration

The history of American antitrust law shows too many similar vague and confused notions masquerading as law. The idea that the accused must prove their innocence, under the "rebuttable presumptions" of the Robinson-Patman Act of 1936, was a forerunner of the same mindset under later "disparate impact" theories in civil rights law.

What such fancy words boil down to is that very little evidence is required to shift the burden of proof to the accused, in defiance of centuries-old legal traditions that the accuser has the burden of proof in criminal cases and the plaintiffs have the burden of proof in civil cases. Otherwise, any fact or theory that sounds plausible to legal authorities is enough to force the accused to prove a negative or lose the case.

Such violations of the legal standards used in most other cases are usually inflicted on those who have

already been demonized and whose guilt has been assumed and punishment is fervently desired, such as big business, employers accused of discrimination or men accused of rape.

Google is accused of running its Internet search programs in such a way that they are more accessible to the public than other search programs available through Google. Since people can search through other sources besides Google, it is not at all clear why Google cannot run its own operation for its own benefit, while others run their operations for their own benefit.

The whole point of competition in the market is to create economic efficiency which, by its very nature, means eliminating the less efficient producers. Confusion about the difference between maintaining competition and maintaining competitors has long plagued antitrust law on both sides of the Atlantic.

But Americans seem in recent years to be recognizing the difference.

In Europe, there still seems to be a notion that big companies with many customers should help their smaller competitors survive — especially if the big companies are American and the smaller companies are European.

In other words, Google should be run in such a way that competing search programs are as prominently featured as Google's own search program.

Whatever the case that could be made for this argument, as a matter of manners, noblesse oblige or whatever, people in charge of anti-trust law are not in charge of manners or noblesse oblige.

Law is too serious to be subordinated to fashionable notions or political expediency.

*Thomas Sowell is a senior fellow at Stanford University.*



PHOENIX RISING FROM THE ASHES: 42-YEAR HISTORY OF CHANGING ECOLOGY AND RESTORATION OF THE HAWAIIAN GREEN TURTLE

George H. Balazs  
IUCN Marine Turtle Specialist Group, Oceania Region  
992 Awaawaanoa Place  
Honolulu, Hawaii 9682r

ISTS  
35  
DALAMAN  
Turkey

In 2012 the genetically discrete and geographically remote Hawaiian green turtle population was downlisted within IUCN's Red List to the category of Least Concern following a comprehensive assessment by the IUCN Marine Turtle Specialist Group (see <http://www.iucnredlist.org/details/16285718/0>) For the past 40 years Hawaii's green turtles have exhibited new behaviors and adaptations along with their increasing numbers and concomitant expansion into new habitats. These favorable changes have included: significant increases in terrestrial basking; nesting in the Main Hawaiian Islands; formation of underwater cleaning stations; daytime foraging in shallow water near shore; close co-existence with and tolerance of people; feeding on new types of vegetation; and the use of streams and rivers for underwater resting. Even more beneficial changes and acclimation can be expected in the future, including shifts in nesting to adapt to climate change and sea level rise, as sea turtles have successfully done with resiliency for millions of years. Several other sea turtle populations besides the Hawaii stock are also showing remarkable restoration from over-exploitation caused by efficient fishing technologies and human encroachment into previously pristine turtle habitats. At the same time there are many sea turtle stocks at seriously low levels that continue to decline. This dichotomy in sea turtle conservation status is one of the great challenges of our time in balancing appropriate protective measures along with limited sustainable use, where such harvest and other forms of human utilization might be legally allowable and advantageous to both turtles and people. The natural direction toward which we should be moving regarding sea turtle conservation, as expressed by the Sea Turtle Association of Japan, is "to bring back rich and plentiful nature that allows and tolerates a diversity of values and world views." In light of their 40-year rise to abundance, Hawaiian green turtles constitute a unique experimental model to comprehensively understand the dynamics of a recovering sea turtle population. In addition conservation practices in Hawaii, founded upon four decades of research results, can serve as a real-life learning ground for people in other regions striving to save and sustain their own charismatic and culturally important sea turtle resources. Successful conservation programs that endure are best built with local communities as their foundation. National legislation and international conventions, based on sound ecological principles, clearly also have importance. However, strategies for conservation are made robust and equitable when they integrate cultural and traditional components forged at the local level by the very people closest to the turtles and their environment.



## ABSTRACT

RON KITTLE & KARLA McDERMID

Glyphosate-based herbicides are commonly used to combat weeds and unwanted grasses in many habitats in the Hawaiian Islands, including near freshwater, marine, and anchialine pond shorelines. Glyphosate is reported to degrade within a few days of application, and to break down rapidly in soil, which suggests that it is safe for use near aquatic environments. Five native macroalgal and seagrass species, and one introduced aquatic vascular plant found in coastal anchialine ponds or in the adjacent intertidal zone were exposed to freshly mixed and aged solutions of a glyphosate-based herbicide. Chlorophyll *a* absorbance, percent cell damage, and photosystem II (PSII) efficiency were measured after five to seven days of incubation. Concentrations of the herbicide at the manufacturer's lowest recommended concentration (3.6 g/L glyphosate) caused 50% or greater cell damage in all six species tested. At lower herbicide concentrations (0.225 to 1.8 g/L glyphosate), percent cell damage, chlorophyll *a* absorbance, and PSII efficiency differed significantly from the control (0 g/L glyphosate). Native macroalgae and seagrasses in marine and anchialine aquatic habitats may be negatively affected by use of glyphosate herbicides to control shoreline weeds.

### BRIEFLY

#### Weedkiller branded likely carcinogen

LONDON >> One of the world's most popular weed-killers — and the most widely used kind in the United States — has been labeled a probable carcinogen by the International Agency for Research on Cancer.

The decision was made by IARC, the French-based cancer research arm of the World Health Organization, which considered the status of five insect and weed killers including glyphosate, which is used globally in industrial farming.

The U.S. Environmental Protection Agency, which makes its own determinations, said it would consider the French agency's evaluation.

The French agency has four levels of risks for possible cancer-causing agents: known carcinogens, probable or possible carcinogens, not classifiable and probably not carcinogenic. Glyphosate now falls in the second level of concern.

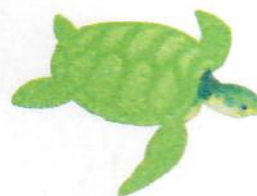
The new classification is aimed mainly at industrial use of glyphosate. Its use by home gardeners is not considered a risk. Glyphosate is in the same category of risk as things like anabolic steroids and shift work. The decision was published online Thursday in the journal, *Lancet Oncology*.

Associated Press

2/23/15 HSA



**ROBERT A. MORRIS, DVM, MS**  
348 Iliaina Street, Kailua, HI 96734



March 23, 2015

George H. Balazs  
Shandell Brunson  
National Marine Fisheries Service  
NOAA, IRC  
1845 Wasp Blvd, Building 176  
Honolulu, Hawaii 96818

I would like to inform you that I will not renew my option for the veterinary turtle contract that expires September 2, 2015.

I may have to be in Seattle for several months to care for my son, and would not have a veterinarian substitute. I recommend you begin searching for my replacement as soon as possible. When the position is filled, I will terminate my contract, but will be happy to help with any aspect of the process.

I have especially enjoyed my twenty five years working with George and his valuable turtle advice. His knowledge and contribution to this program can never be replaced.

Aloha,

A handwritten signature in black ink that reads "Robert A. Morris". The signature is written in a cursive, flowing style.

Robert A. Morris, DVM, MS



# Green sea turtle still at risk, say wildlife agencies

By **Audrey McAvoy**  
Associated Press

Hawaii's green sea turtle should continue to be classified as threatened because its population is small and nearly all of them nest at the same low-lying atoll, federal wildlife agencies said Friday.

The Association of Hawaiian Civic Clubs petitioned the government in 2012 to study whether Hawaii's green sea turtles might have recovered to the point where they no longer need Endangered Species Act protections.

But Patrick Opay, the endangered species branch chief of NOAA's Fisheries Pacific Islands Regional Office, said Hawaii has fewer than 4,000 nesting green sea turtles, and 96 percent of them nest at French Frigate Shoals in the Northwestern Hawaiian Islands.

This makes them vulnerable to outbreaks of disease, rising sea levels and other

threats, Opay said. "You have all of your eggs in one basket, so to speak," he said.

Green sea turtles nest on beaches and feed in the ocean, eating mostly seagrass and algae. Adult females return to the same beaches where they were born every two to four years to lay eggs, sometimes migrating hundreds or thousands of miles.

The Association of Hawaiian Civic Clubs said delisting Hawaii's turtles would return management of the animals to the state and allow more people in the islands to take active roles in taking care of them.

The association cited 2007 data showing Hawaii's population of green sea turtles had been growing at an annual rate of 5.7 percent for three decades. The latest review showed a 4.8 percent annual growth rate.

Opay said the growth is positive but that the concen-

## HAWAII'S GREEN SEA TURTLES REMAIN THREATENED, FEDS SAY

Agencies assess populations around world in response to plea to change protected status >> B1



3-21-15 HSA

Hawaii's green sea turtles remain at risk because their population is small and nearly all of them nest at the same low-lying atoll at French Frigate Shoals in the Northwestern Hawaiian Islands, federal wildlife agencies say.

ASSOCIATED PRESS / 2005

tration of the nesting area remains a problem.

Association representatives didn't immediately respond to email messages seeking comment.

NOAA and the U.S. Fish and Wildlife Service studied green sea turtle populations around the world as part of the review. The research prompted them to propose

designating 11 distinct populations of the animals, including one in Hawaii.

They found separate populations of turtles in Florida and Mexico have recovered to the point that they proposed categorizing them as threatened instead of endangered.

But the agencies believe turtles in American Samoa

and the Northern Mariana Islands, which were considered threatened before, should now be classified as endangered.

The agencies will be accepting public comment on their proposals for the next three months. They are scheduled to host a public hearing in Honolulu on April 8.



# ESTATE: 6 offers made for the home, which needs remodeling

Continued from B5  
12/15 HSA  
"Magnum, P.I." regularly  
filmed scenes with the  
show's star, Tom Selleck,  
driving his red Ferrari  
across the estate's interior  
driveway. Selleck's charac-  
ter, Thomas Magnum, lived  
in a guesthouse at the fic-  
tional estate dubbed  
Robin's Nest after the  
wealthy but unseen novelist  
Robin Masters.

The show aired on CBS  
from 1980 to 1988.

The actual estate is  
named Pahonu, after an  
ancient rock pen extending  
from the beach into shal-  
low water built to hold tur-  
tles that were caught and  
reserved for consumption  
by Hawaiian royalty. The  
former turtle pond was  
listed on the Hawaii Regis-  
ter of Historic Places in  
1978.

Noted Hawaii architect  
Louis Davis, whose works  
include McKinley High  
School, the nearby state De-  
partment of Agriculture  
building and the former  
downtown Honolulu Police  
Station, designed the Span-  
ish Colonial-style home.

Pahonu was built by the  
grandparents of Eve Glover  
Anderson, who lived in the  
house but wanted to down-  
size, according to Mary  
Worrall, an agent with List  
Sotheby's International Re-  
alty who represented An-  
derson in the sale.



3/19/15  
The home includes an  
11,054-square-foot main  
house, a gate house and a  
boat house.

ERIC MANSPERGER /  
SOTHEBY'S INTERNATIONAL REALTY

Anderson, a Republican  
representative in the state  
House in the mid-1990s and  
the stepdaughter of billion-  
aire Barbara Cox Anthony,  
who was the richest woman  
in Hawaii until her death in  
2007, listed her home for  
sale in January 2014. She re-  
duced the price from \$15.75  
million to \$10.7 million in  
July and then to \$7.8 million  
two months ago.

Worrall said the home  
needs a major remodel but  
has glorious views of the  
ocean, Manana (Rabbit Is-  
land), Kaneohe and the  
Koolau cliffs.

"It's a gorgeous prop-  
erty," she said.

Worrall said six offers  
were made for the home,  
and Anderson selected the  
highest bid. Worrall said  
she is not allowed to iden-

This 3-acre estate in Waimanalo has been bought by a  
company with ties to President Barack Obama's close  
friend Marty Nesbitt, who makes annual winter visits to  
Oahu with Obama. The property had been held by one  
kamaaina family for 82 years, and was featured in  
scenes of the 1980s TV drama "Magnum P.I."



Source: Google Maps

tify the buyer but said the  
buyer seemed intent on  
keeping the estate in one  
piece as opposed to some  
rival bidders who appeared  
interested in subdividing  
the property.

Grimanis is listed as the  
manager of Waimanalo Pa-  
radise. The owner or owners  
of the company are not dis-  
closed in public records in  
Delaware. Hawaii property  
records show that the deed

and mortgage were mailed  
to Chicago attorney Seth  
Madorsky.

Waimanalo Paradise ob-  
tained a mortgage from a  
Colorado company for \$9.5  
million, according to  
records filed with the state  
Bureau of Conveyances,  
perhaps allowing money for  
renovation work.

"This buyer truly appre-  
ciates the property," Wor-  
rall said.



## *Rules and regulations of shoreline public access*

Aloha and welcome to Ka'ūpūlehu. We hope that you enjoy your visit to the shoreline. To protect the coastal environment, and the shared enjoyment of this area, please observe the following rules and regulations.

Public access parking area will be open from dawn to dusk daily. The gates will be locked at dusk and reopened at dawn.

The following activities by the general public are prohibited at the public parking lots, public access pathways and historic trails:

- A. The use of intoxicating beverages, controlled substances, hazardous materials, and/or firearms;
- B. Camping and/or the establishment of a temporary residence;
- C. The use or operation of a public address system or amplified sound equipment;
- D. The transportation to and from the shoreline of a boat, sailboat, canoe, kayak, Jet Ski or sea-going vessel;

E. Draining or dumping, fish cleaning, littering, disposal of garbage, burning of trash, or similar activities;

F. Soliciting, canvassing, begging, bartering and peddling of any kind and/or demanding or requesting gifts, money or services;

G. Polluting or contaminating coastal resources and/or anchialine ponds;

H. Possessing and/or using explosives, including but not limited to fireworks and/or firecrackers;

I. Bikes, scooters, razors, skateboards, animals/pets.

J. Photographing, videotaping and/or audio recording hotel guests and/or resort residents without their prior written consent.

Any person(s) who violate(s) the provisions herein will be escorted from the property by resort security. Repeat offenders will be denied use of the public parking lot and pathways for a period of not less than 60 days from the date of the second offense.

Enjoy your visit. In the event of an emergency telephone 911 for fire, medical or police assistance. The telephone number for Resort Security is 325-8325.





## AUDREY SUTHERLAND

Audrey Sutherland of Haleiwa, Hawaii died on Monday, February 23rd, 2015 from complications of Alzheimer's-like dementia. She was 94 years old. She was born Audrey Helen Schufeldt on February 11th, 1921 in Canoga Park, California, a small town in the San Fernando Valley north and inland from Los Angeles. She attended public schools and grew up during the Great Depression. She began UCLA when she was only 16 and

graduated with a degree in International Relations. In her diary, she predicted war with Japan months before December 7th, 1941. She and her two sisters worked as riveters building airplanes during WWII. After she moved to Hawaii she earned her Master's degree in Education Counseling from the University of Hawaii, Manoa campus. She was a life-long learner.

Audrey married John Lauren Sutherland, a young Coast Guardsman, in the spring of 1942 and henceforth was known as Audrey Sutherland or in the phone book as A.H. Sutherland. They had four children; two boys and two girls. They moved to Hawaii from California during the Korean War in 1952. John was by then an officer with the Coast Guard and became the Captain of the buoy tender, Buttonwood, stationed at Sand Island. He patrolled all over the Pacific and brought home many artifacts from islands as far away as Samoa. The house was full of Pacific arts and crafts. For many years, a Samoan tapa covered a whole wall of the living room.

When they first arrived, the Sutherland family lived in several neighborhoods on Oahu then in the Summer of 1954 moved to an old house on the ocean near Haleiwa which became Audrey's life-long home. During her years on the North Shore of Oahu, she taught swimming, substituted for local elementary schools, and began working for the Army. She became director of Education Centers at Schofield Barracks, Tripler Army Medical Center, and last worked for the Army at the Federal Building on Ala Moana Blvd. During this time with the Army, Audrey was flown around the islands and up to Alaska to give speeches to inspire students to graduate from school and always continue their education. While flying over southeast Alaska she saw many smaller islands from the air and vowed to visit them from the water if need be. She was a veteran of paddling the north coast of Moloka'i and was ready for colder water and expanded horizons. She also greatly expanded her career as an avid sea kayaker. She has written three published books and numerous articles and was often interviewed about her sea kayaking adventures.

Paddling My Own Canoe was published by University of Hawaii Press both in hard cover and paperback, first in 1978. It details numerous summer solo experiences; swimming, paddling, hiking then camping on the north shore of Molokai. The book has been loved as an adventure read full of Hawaiian and nature references and as a text on philosophy by students at Chaminade college. It is no longer in print but fans are looking for a possible reprint by Patagonia Books.

Audrey's second book, Paddling Hawaii, was published by The Mountaineers of Seattle in 1988. It is a how-to of island paddling with details of streams, rivers, ocean coasts, and how to dry and pack your own food to take along or find it by foraging. Audrey's third book, Paddling North, published by Patagonia Books of Ventura, CA in 2012, details several of the many trips to paddle to small, mostly friendly, islands in Southeast Alaska. She famously went solo on these trips but would occasionally take a friend or one or two family members. She sometimes met "killer whales", wolves, and even bears. She always ran the risk of wild winds and seas even in the "calm" summer months, and always came back with photos and finely written journals of each and every day on the trip.

By the time of the publishing of Paddling North, Audrey's mind was beginning to wander and some memories were fuzzy but her meticulous journals provided much of the detail and her numerous photos became lovely water color type prints in all of the chapters. This book is still in print in a slim hard-cover edition and is available at book stores and kayak shops around the Hawaiian islands and on the East and West Coasts. The most recent bookstore to request more copies is in Rockland, Maine. Many of Audrey's dearest friends and supporters are named in the acknowledgements section of this book. Many articles interviewing Audrey, often with beautiful pictures, have been published by Honolulu newspapers and magazines, notably Honolulu Magazine and Hawaiian Airlines magazine, Hana Hou! Audrey also lectured widely with her slide show, kayak and gear on display. She was many times the key note speaker for L.L. Bean's East Coast Sea Kayaking Symposiums. She has spoken for Sierra Club, local kayak groups, senior gatherings, libraries, book stores and Elder Hostel on Oahu, Kauai, Molokai, Maui, and Kona and Hilo on Hawaii island. She was an originator and board member of Hawaii Bound.

At age 92 Audrey was still driving her tough little truck around Haleiwa but was persuaded to give up driving when the paperwork to renew her license became too confusing. She continued to live in her sea-front home supported by friends and family. Kaiser Hospital finally convinced her family that she needed more active care so she went into hospice in December 2014 and succumbed to dementia-related symptoms shortly after her 94th birthday in February of 2015.

Audrey was pre-deceased by her ex-husband, John L. Sutherland, and later by her two sisters, Dorothy Schufeldt Bowles and Marjorie Schufeldt East. She is survived by her daughters and sons, Noelle H. Sutherland (Mrs James M. Conti), John "Jock" Carson Sutherland, Ann Lauren Sutherland of Seattle, and James D. Sutherland of Hilo. Audrey also has three grandsons; Matthew J. Sutherland, Gavin F. Sutherland, and Samuel C.M. Sutherland. Audrey was an early dedicated member of the Willd Body Program of the John A Burns School of Medicine of the University of Hawaii. She said, "Now I will still be able to teach even after I die."

A memorial celebration of the remarkable life of Audrey Sutherland will be held in her ocean-front yard near Haleiwa in May 2015. Call Noelle at (808) 622-0857 for dates and details.



# Actor became a folk hero playing

By Virginia Heffernan  
New York Times

Leonard Nimoy, the sonorous, gaunt-faced actor who won a worshipful global following as Mr. Spock, the resolutely logical human-alien first officer of the Starship Enterprise in the television and movie juggernaut "Star Trek," died Friday at his home in the Bel Air section of Los Angeles. He was 83.

His wife, Susan Bay Nimoy, confirmed his death, saying the cause was end-stage chronic obstructive pulmonary disease.

Nimoy announced he had the disease last year, attributing it to years of smoking, a habit he had given up three decades earlier. He had been hospitalized earlier in the week.

His artistic pursuits — poetry, photography and music in addition to acting — ranged far beyond the United Federation of Planets, but it was as Mr. Spock that Nimoy became a folk hero, bringing to life one of the most indelible characters of the last half-century: a cerebral, unflappable, pointy-eared Vulcan with a signature salute and blessing, "Live long and prosper" (from the Vulcan "Dif-tor heh smusma").

Nimoy, who was teaching Method acting at his own studio when he was cast in the original "Star Trek" television series in the mid-1960s, relished playing outsiders, and he developed what he later admitted was a mystical identification with Spock, the lone alien on the starship's bridge.

Yet he also acknowledged ambivalence about being tethered to the character, expressing it most

plainly in the titles of two autobiographies: "I Am Not Spock," published in 1977, and "I Am Spock," published in 1995.

In the first he wrote, "In Spock, I finally found the best of both worlds: to be widely accepted in public approval and yet be able to continue to play the insulated alien through the Vulcan character."

"Star Trek," which had its premiere on NBC on Sept. 8, 1966, made Nimoy a star. Gene Roddenberry, creator of the franchise, called him "the conscience of 'Star Trek'" — an often earnest, sometimes campy show that employed the distant future to take on social issues of the 1960s.

His stardom would endure. Although the series was canceled after three seasons because of low ratings, a cultlike following coalesced soon after "Star Trek" went into syndication.

The devotion of Trekkies, or Trekkers (the designation Nimoy preferred), only deepened when "Star Trek" was spun off into an animated show, various new series and a parade of movies starring much of the original television cast, including — besides Nimoy — William Shatner (Capt. James T. Kirk), DeForest Kelley (Dr. McCoy), George Takei (Sulu), James Doohan (Scott), Nichelle Nichols (Uhura) and Walter Koenig (Chekov).

The reaction to his death was swift, on Earth and in space.

"I loved him like a brother. We will all miss his humor, his talent and his capacity to love," said Shatner, whose often emotional Kirk was balanced by the composed Nimoy.

President Barack Obama

said, "I loved Spock."

"Long before being nerdy was cool, there was Leonard Nimoy," Obama said in a statement. "Cool, logical, big-eared and level-headed, the center of 'Star Trek's' optimistic, inclusive vision of humanity's future."

"Live Long and Prosper, Mr. #Spock!" tweeted Italian astronaut Samantha Cristoforetti, aboard the International Space Station.

Takei called Nimoy a great man and friend.

"We return you now to the stars, Leonard. You taught us to 'live long and prosper,' and you indeed did, friend," Takei said.

When the director J.J. Abrams revived the "Star Trek" film franchise in 2009, with an all-new cast — including Zachary Quinto as Spock — he included a cameo part for Nimoy, as an older version of the same character. Nimoy also appeared in the 2013 follow-up, "Star Trek Into Darkness."

His zeal to entertain and enlighten reached beyond "Star Trek" and crossed genres. He had a starring role in the dramatic television series "Mission: Impossible" and frequently performed onstage, notably as Tevye in "Fiddler on the Roof." His poetry was voluminous, and he published books of his photography.

Nimoy's Jewish heritage influenced the characterization of Spock. The character's split-fingered salute, he often explained, had been his idea: He based it on the kohanik blessing, a manual approximation of the Hebrew letter shin, which is the first letter in Shaddai, one of the Hebrew names for God.

"To this day, I sense Vulcan speech patterns, Vulcan



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NATION & WORLD

# Spock

social attitudes and even Vulcan patterns of logic and emotional suppression in my behavior," Nimoy wrote years after the original series ended.

But that wasn't such a bad thing, he discovered.

"Given the choice," he wrote, "if I had to be someone else, I would be Spock."

*The Associated Press contributed to this report.*

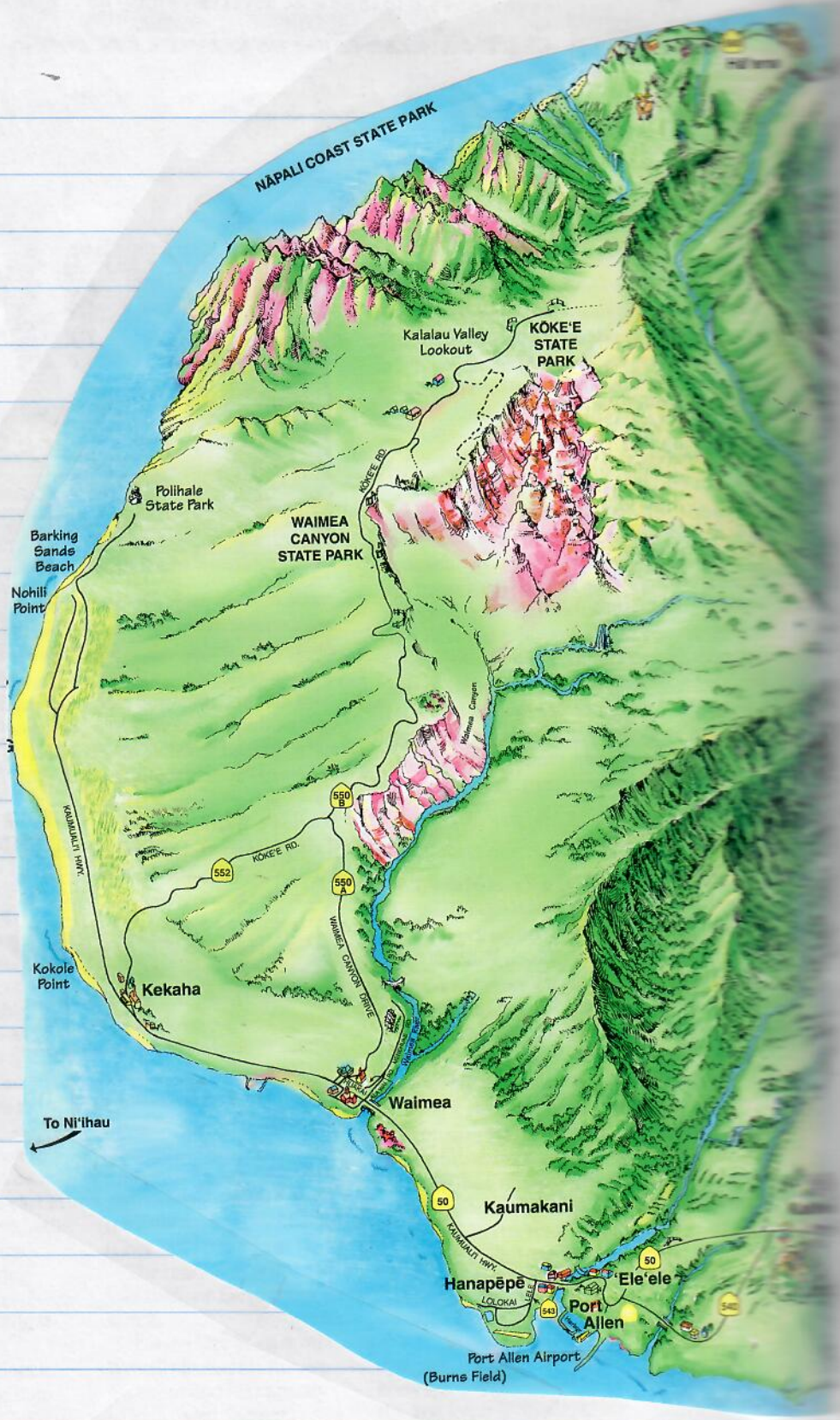


ASSOCIATED PRESS

**Flowers adorned the Hollywood Walk of Fame star of Leonard Nimoy in Los Angeles on Friday as fans paid tribute to the "Star Trek" actor.**



P&H





"THE SILENT  
WAR" 2002  
AUTHOR

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JOHN PIÑA CRAVEN

John Piña Craven died peacefully on February 12th at his home in Honolulu. He was 90 years old. He is survived by his beloved wife of 64 years, Dorothy; his son David and daughter-in-law Gwyneth Aubrey of Chicago; his daughter Sarah and son-in-law Matthew McGuire of Bethesda; his five grandchildren Anna, Dorothy, John Francis, Grace and John David; and his two siblings Kenneth Craven of New York City and Consuelo Craven of Minneapolis. His sister Mabel Neal preceded him in death.

John moved his family to Honolulu in 1970 for "one year" and ended up staying for over forty more. John was known for his professional accomplishments as a nationally recognized ocean scientist and marine educator. But with equal zest he embraced music, art and poetry, which he loved to share with everyone he met.

In lieu of flowers, the John P. Craven Marine Education Fund (#127-0620-4) at the University of Hawaii Foundation has been established to honor his life and passion. The fund will support student scholarships in the Marine Option Program. Checks should be written to UH Foundation and sent to UH Foundation, PO Box 11270, Honolulu, HI 96828-0270. Please include either the fund name or fund number when sending checks.

A celebration of John's remarkable life will be held at Central Union Church on Thursday, April 9, 2015 at 5:00 pm, with visitation at 4:30 pm and a reception following the service. In accordance with his wishes, John's ashes will be spread at sea.

He was dearly loved and will be greatly missed.



# Congress should outlaw selling of U.S. citizenship

3-11-2015 HSA



*John Robert Egan is a Honolulu-based attorney who concentrates on Immigration and Nationality Law. He has served as chairman of the Hawaii Chapter of the American Immigration Lawyers' Association and as an adjunct professor at the University of Hawaii.*

By John Robert Egan

Recent news reports show the "birth tourism" scam is alive and well, and has popped up again in Southern California. While the idea of coming to the U.S. to give birth and thereby qualifying a newborn child for U.S. citizenship is not new, the large scale and open marketing of current tour group-style operations based in China is an audacious and unwelcome attempt to exploit a loophole in America's immigration and nationality laws.

There is a local angle here also — reports say that these China-based tour operators are routing their clients to Southern California via Honolulu, in the belief that our Customs and Border Protec-

tion (CBP) agents are more lenient. This is doubtful. From professional experience as an immigration lawyer, I can say that our Honolulu CBP staff is well-trained and well-led.

What is different is the very high percentage of Honolulu arrivals coming specifically for tourism, and the high percentage of those now coming from Asian countries.

Under existing law, there is no violation in coming to the U.S. while pregnant. And, while the historical rationale for birthright citizenship has been questioned, there does not seem to be any consensus that this principle, enshrined in our Constitution, should be abandoned. Ergo, we have a loophole.

That does not mean that there is no way to deter and

discourage commercial exploitation of our citizenship system; it means that Congress needs to get over its longstanding gridlock on immigration and update our laws to fit the modern world.

What we have instead is the president stretching the boundaries of executive authority and a recalcitrant Congress making irresponsible threats to close down the Department of Homeland Security.

There is no need to ban all pregnant women from coming to the U.S. There are plenty of situations in which that would be unwarranted and counterproductive. For example, Louisiana governor and presidential aspirant Bobby Jindal proudly recounts his pregnant mother

coming to America from India while carrying him in utero, soon to become a natural-born U.S. citizen. U.S.-born children of legitimate immigrants, exchange students, working visa-holders, visiting professors, and yes, even the occasional tourist, do little to harm our immigration and nationality regime.

Outright commercial exploitation, essentially selling American citizenship for profit, is another thing altogether, and should be against the law. Currently it is not, and since Congress makes our laws, it's long past time for them to quit the partisan bickering and get serious about governing, starting with some common-sense reforms to our immigration and nationality laws.



P-1985  
D-1988

(143)

G.B. JR. MAY 2, 1918 -

E.B.B. Sept 22, 1918 - 12/25/97

MARY MOLKOVICS

MARY MONDOK 2-11-1897<sup>7</sup>/15/50

L R B

WILLIAM DONALD EVANS 6-15-12

ALLENDALE, MISSOURI

Died 11-11-84

JULIANA KATHLEEN EVANS

CANTON MISS. 10-25-26

3-14-78

DAISY KATHLEEN WINKLER  
/ Joseph WINKLER  
/ Winkler

## Shark Snorkeling off Big Isle beach

ment conducts area fly-overs Thursday morning, DLNR said in a statement. If no shark is sighted by 11 a.m., the park will reopen at noon, the statement said.

Touted as the state's largest white sand beach, Hapuna Beach Park is known for good conditions for swimming, bodyboarding and snorkeling, according to the Hawaii Tourism Authority's website. It has also been included in numerous international top 10 lists, the website said.

According to the state's shark website, the last

shark incident before Wednesday was Jan. 27 when a man was bitten while fishing on Maui.

The state classified the January incident as provoked because the fisherman reeled in the shark on his line.

In 2013, one person died and 12 were injured in Hawaii shark incidents, marking the state's highest annual number of shark incidents in more than 30 years, according to state records. Last year, there were six shark-related injuries and no deaths.



STAR-ADVERTISER



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"Of all the supplies he could have brought that was the most important: an open spirit."

## Shark injures visitor snorkel

By Rob Shikina  
rshikina@staradvertiser.com

A 58-year-old Kansas man scared away a tiger shark that bit him by punching it Wednesday in the bay off Hapuna Beach Park, a state Department of Land and Natural Resources spokeswoman said.

The man, of Overland Park, was snorkeling with relatives at the Hawaii island beach park when a shark bit his left arm about 11:45 a.m., police said.

He was assisted to shore and taken to North Hawaii

Community Hospital where he was treated for severe lacerations to his forearm and injuries to his left thigh, police said.

A spokeswoman for the hospital said the man, who was in stable condition, was flown to Oahu for further treatment at the Queen's Medical Center.

Deborah Ward, DLNR spokeswoman, said the man was in about 4 feet of water at an area called Jumping Rocks near the south point of the park in South Kohala when the incident occurred.

3/19  
"He punched the shark, causing it to retreat," Ward said. She added that after the incident park personnel closed the state park.

The shark was seen again in the bay sometime after 1 p.m. and was confirmed to be a 10-foot to 12-foot tiger shark, Ward said.

Shark warning signs were posted along Hapuna and Wailea beaches, at Spencer Beach Park to the north and at Puako Beach to the south.

Hapuna Beach Park will remain closed and warning signs posted until the Hawaii County Fire Depart-



# *Ke la a me Keia*

BY JOHN CLARK

From 1834 to 1948, approximately 125,000 pages of Hawaiian-language newspapers were printed in more than a hundred different papers. These newspapers are now an invaluable cultural and historical repository that follow Hawai'i as it moved from a kingdom, to a constitutional monarchy, to a republic and to a territory of the United States. Online and searchable in the Office of Hawaiian Affairs' Papakilo Database, this archive offers a wealth of information on many subjects, including fishing. Recently, the editor of a blog called *Nupepa* [newspaper] published this ad from page 5 in the August 15, 1902 issue of *Ka Nupepa Kuokoa*. He also provided a translation.





## HAWAII COMMUNITY FOUNDATION

February 13, 2014

Mr. George H. Balazs  
992-A Awaawanoa Pl  
Honolulu, HI 96825

Dear Mr. Balazs,

Thank you for your generous gift of \$100.00 to the Daniel K. Inouye Institute Fund, a program fund of the Hawaii'i Community Foundation, received on Monday, January 12, 2015.

Senator Inouye continues to be honored for his life's work through a variety of naming announcements-- including the largest solar telescope in the world, the regional National Oceanographic and Atmospheric Administration (NOAA) headquarters in Hawaii'i, the USS Daniel Inouye naval destroyer, and Israel's Arrow 3 missile defense laboratory, the first military facility to be named for a non-Israeli. These are indeed lasting tributes to a modest public servant who was a respected national voice of integrity, honor, and moral courage throughout his years in the U.S. House and Senate.

Your gift will help to further the Senator's legacy through the Daniel K. Inouye Institute Fund and the establishment of the Daniel K. Inouye Center at the University of Hawaii'i at Manoa campus which will house his papers and oral history to document his career, inspire original research, provide academic programs in public policy and administration, as well as educational programs to encourage young people to embrace their obligations as good citizens and leaders. Bringing together national assets such as the Library of Congress and the Smithsonian Institution with our Hawaii'i community, provides an exciting opportunity to tell the Senator's story, his lessons on leadership, and his unwavering hope for the future.

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We thank you for joining us in honoring Senator Inouye's memory and extraordinary contributions to Hawai'i and the nation. Please contact us at (808)566-5560 if we can help answer any questions or provide assistance with your charitable giving.

Sincerely,



Kelvin H. Taketa  
President and CEO

The Hawai'i Community Foundation is a tax exempt public charity (Federal EIN 99-0261283) under section 501(c)(3) of the U.S. Internal Revenue Code. Your contribution is tax deductible as allowable by law and your tax situation. No goods or services were provided in consideration of your contribution. The Hawai'i Community Foundation has exclusive legal control over the contributed assets.

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# Woman seeking to bring atte

State, federal law: It's illegal to touch, feed, ride them in the wild

By LEE IMADA  
Managing Editor

A Canadian couple celebrating their 30th wedding anniversary on Maui noticed a male swimmer repeatedly touching an endangered green sea turtle in the waters off their Kihei condo Oct. 29.

"I can't begin to express my disbelief at seeing a snorkeler actually touching turtles in front of the Royal Mauiian," said Marilyn Thom of Chilliwack, British Columbia.

She grabbed her camera and shot some photos of the man wearing a snorkel from her sixth-floor condo.

"I consider them to be my turtles," she said Friday. "I am their tutu."

The man was part of a group of four people and the only one pursuing the turtle to touch it, she said, adding that the unidentified man was not hanging on or remaining in



contact for a long period of time. The entire encounter took about 10 minutes.

Still, it was upsetting to Thom — and illegal.

"While the law does not specify distance that a person should keep from a turtle, people should not ride, touch or feed any turtle or cause any change in their behavior that could be considered 'harassment,' which is prohibited under state and federal law," said

Deborah Ward, state Department of Land and Natural Resources spokeswoman.

People may allow turtles to approach but should keep their hands to their sides and photograph or video from a distance, she said. A 6- to 10-foot buffer is "a reasonable suggestion," she said.

Thom is here with her husband, Don, to celebrate their nuptials in Waikiki in 1984. The couple first visited Maui in

1998; this trip is their seventh to the island since then. They are here for about a month this time.

"We fell in love with Maui. We have never been back to Waikiki," she said.

Thom said they have "a long-standing love affair with the islands and the sea turtles that grace these waters." Turtles, as many as six to eight large adults and a couple of babies, have been feeding close



# ntion to turtles



MARILYN THOM photos

**Canadian visitor Marilyn Thom took these photos Oct. 29 from her sixth-floor condo at the Royal Mauian in Kihei. An unidentified man is intentionally touching an endangered green sea turtle, which is illegal.**

to the reef off their condo during their stay, she said.

On Friday, she almost saw another turtle incident, this time a father and son in the water pursuing a turtle.

"I think it is a lack of education," she said. "I think they didn't know."

That was the case for them when they first visited in 1998, she said. However, after a Pacific Whale Foundation tour they learned about the turtles,

how they are endangered and how to be respectful to them.

She said she hopes that the Oct. 29 swimmer sees the published photos and takes steps to get educated.

"They just need their space," she said of the turtles. "It's their territory not ours. We are guests in their ocean. We need to be respectful of that."

■ Lee Imada can be reached at [leeimada@mauinews.com](mailto:leeimada@mauinews.com).

## Conservation

**Freeman Seabird Preserve** is a 10-acre property at Black Point on the southern coast of Oahu that is an important site for the Hawaiian Monk Seal. The Freeman Seabird Preserve is home to the island's only remaining colony of nesting pairs of Wedge-tailed Shearwaters and a large population of Hawaiian Monk Seals. With the expert guidance of experts and hundreds of volunteers over the years, this island's natural property has been protected. The island is a typical of Hawaiian coastal habitats before human disturbance and is a critical habitat for the Hawaiian Monk Seal. An international sign for the Preserve was designed by the World Wildlife Fund. The sign will be installed on the mainland and installed at the Freeman Seabird Preserve.



George,

1/15

Words cannot express my  
gratitude for your very  
generous Christmas gift  
and your help. Thank

You! Best wishes to you  
and your family in 2015.

Sincerely,

Shndell, Arianna Mireya

MARCH/APRIL 2015

## Report to the Membership

, HAS President

result in protection and restoration of native ecosystems and  
ion, science and advocacy in Hawai'i and the Pacific.

mail. Scientific articles in 2014 included *Diving Behavior of Wedge-tailed Shearwaters Rearing Chicks on Lehua Islet* by K. David Hyrenbach, Julia S. Gleichman & Nina J. Karnovsky, *Local Prevalence and Transmission of Avian Malaria in the Alakai Plateau*, a report by graduate student and HAS grant recipient Anouk Glad, *First Record of a Terek Sandpiper in the Hawaiian Islands*, by Kurt Pohlman and Eric A. VenderWerf, *A Sociological Study: Human Interactions With Sea Turtles at Laniakea, on the Island of Oahu, Hawaii, 2002-2003*, by Cody Hooven, with Forward by George H. Balazs.



My dear George and Yanyan,

It is Christmas time again. Already one year from our visit to Hawaii together. But it feels just like yesterday it was that George picked us up in the Honolulu Airport and drove us around Hawaii visiting the Punch bowl, the Chinatown area, the lovely Molokai...

The Bad news is time flies. The good news is Ka-yun returns to Hawaii at this joyful time :) (I feel the excitement of you all :p)



12/2014  
CHRISTY  
NG



Pilot Maxime Tran Quan Tien guides his Parrot BeBop drone during a presentation to the press in Paris. Drones, remotely controlled flying devices that often carry cameras and can be navigated with a smartphone or controller, are taking off as popular gifts this year.

12-26-14 HSA

# Drones flying off the shelves for the holiday

*Safety issues have also grown as the devices' popularity and availability have soared*

“

**Getting up there and seeing a bird's eye view for the first time is inspiring. You see how beautiful everything is from just 150 feet up.”**

**Will Leverett**  
*Ranch owner in Central Texas who has used drones to take aerial photos of his property*

**By Mae Anderson**  
Associated Press

**NEW YORK >>** Santa's sleigh wasn't the only thing flying this holiday season.

Drones — flying devices that often carry cameras and can be navigated remotely by smartphones or controllers — have “taken off” as popular gifts as novices have become just as interested in the devices as serious hobbyists. The demand has grown as the industry and government are working together to address safety concerns.

Best Buy expanded its selection from one last year to eight different models in stores and five more online because of rising demand. BHPHoto.com now offers 140-plus models online that range from \$50.99 to \$6,500. And Amazon says the Parrot's \$160 MiniDrone Rolling Spider and DJI's Phantom 2 Vision+ Quadcopter, which costs about \$1,000, have been “popular sellers.”

Michael Perry, spokesman for DJI, which also makes the new Inspire models, said demand for drones has moved “pretty dramatically out of being a pretty niche field into more of a consumer electronics field.”

Will Leverett, 40, from Austin, Texas, bought himself the DJI Phantom 2, and has been using it to take aerial shots of his ranch in Central Texas. Leverett

spent \$2,700 on the drone and a camera and image stabilizer that goes with it.

“Being able to see the ranch from the air is something that my late dad always dreamed about,” said Leverett, which also used his drone to take shots at the World Cup in Brazil. “Now this technology is literally at Best Buy.”

Leverett said he was planning to buy DJI's Inspire for his brother as a Christmas present. It's a drone that can be controlled by two people — one person being the pilot and the other operating the camera — for \$3,500.

“It will blow anybody's mind as soon as they get behind the controllers,” he said. “Getting up there and seeing a birdseye view for the first time is inspiring. You see how beautiful everything is from just 150 feet up.”

On the more casual side of the sector, Victoria Blevins, 37, from Woodbridge, Va., bought a Parrot 2.0 drone copter that retails for \$299 for her teenage son. Her son likes aeronautical engineering, electronics and computers so she considers the drone “his first step in learning flight patterns.”

But Blevins did say, though, that safety will be a focus when her son is using the device. “He won't be using it unsupervised,” Blevins said.

*Please see DRONES, B2*



# DRONES: Coalition wants FAA to develop standards

Continued from B1

Indeed, safety concerns have grown with the popularity of drones. In Belgrade in October, a drone carrying a banner over a soccer field ignited an on-field brawl. A plane in London's Heathrow airport had a near-miss with a drone in December. And in October an Oregon man pleaded guilty to violating a ban on drones in national parks by flying one near bison and over Yellowstone's Midway Geyser Basin.

Drone makers say they have put safety measures in place to prevent accidents. All drones are recommended for use in large open areas, not near crowded spaces.

DJI said its latest drones have an automatically capped height of 400 feet, even though technically it could go up to 1,200 feet. Geosensors also won't let the drones fly close to any

major airports. Parrot, which makes the \$500 Be-Bop drone, also ensures drones do not go above 400 feet.

All three of the biggest personal drone makers — DJI, Parrot and 3D Robotics — have formed a coalition to lobby the FAA to help develop standards for personal drone use.

Additionally, drone industry officials said they are teaming up with the U.S. government and model aircraft hobbyists to launch a safety campaign. The campaign includes a website — [www.knowbeforeyoufly.com](http://www.knowbeforeyoufly.com) — which advises drone operators of FAA regulations and how to fly their unmanned aircraft safely.

The industry also said it plans to distribute safety pamphlets at industry events and work with drone manufacturers to make sure safety information is enclosed inside the packaging of new drones.

Wish you two another wonderful  
time in the Heavenly Hawaii and  
Merry Christmas and Happy New Year!