

# BALAZS 2016

WEDNESDAY 8/31/16 >> HONOLULU STAR-ADVERTISER >> A15

## LETTERS TO THE EDITOR

### IUCN helped save sea turtle

The Hawaiian green sea turtle's amazing restoration to abundance from near extinction 45 years

ago is one of the greatest marine conservation success stories of all time. The International Union for Conservation of Nature (IUCN) played a significant historical role in making this happen.

We send thanks and aloha to IUCN and all its visiting members for a safe and productive World Conservation Congress.

*George Balazs and  
Thierry Work*  
Co-chairs,  
Oceania Region  
IUCN/SSC Marine Turtle  
Specialist Group

426 LIMA ISLS 36 3/6/2016  
caliber.  
YUCCA APRIL 2016  
COMPOSITION BOOK  
26 MARCH - 3 APRIL 2016  
TAHITI-TETIAROA-MOOREA  
KAPOHU 18-22 APRIL 2016  
YUCCA - 29 APRIL - 3 MAY 2016  
FIJI - MAY 16-24 2016  
TAIWAN 30 JUNE - 6 JULY 2016  
GEORGE BALAZS

TAIWAN  
PERU  
TAHITI  
KAPOHU  
FIJI  
MOLOKAI



<http://balazs.itgo.com>  
0100

WIDE RULED

100 SHEETS

9 3/4 IN x 7 1/2 IN  
(24.7 cm x 19 cm)

3795.

MEI Fiji 004-890-1002

# RHYS FAITH UESUGI BALAZS CLASS SCHEDULE

DATE \_\_\_\_\_  
"Regular People"

貔貅 <sub>pe sho</sub> 文夏 grabe money for you

dragon head 龍頭

horse body 馬身

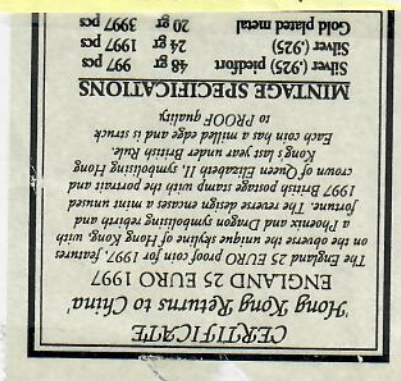
kirin leg 麒麟脚

THURSDAY JUDI VES	RM.	FRIDAY VENDREDI VIERNES	RM.

U.S. DEPARTMENT OF COMMERCE  
NOAA/National Marine Fisheries Service  
Pacific Islands Fisheries Science Center  
1845 Wasp Blvd., Building 176  
Honolulu, HI 96818-5007

4		
7		
8		
9		

6/2014  
9/2014  
YARU-KATHY = ASHB  
"Angel Sweet Honey Bee"



"Vision for The Future"

COSTCO  
Cm 56905690 TO HONG KONG NATION

PLAYLAND FOR THE RICH

DRIVERS SAVERS  
TENACITY INTEGRITY  
"ENSURING THAT REGIONS ARE REPRESENTED BY CULTURES RATHER THAN COLONIZERS" (1)

"HAEXIT"

KITV  
5-5-16

Colombian Fisherman (1 of 3)  
2000 Miles SE of Hawaii

Investing

IN YOURSELF (MARIKA) MANA  
(VAKACOLA)

FOR See P.88 Fiji  
YOUR OWN NEMA NANI  
FUTURE

Fiji NATIONAL TRUST

"ASHIYANA"

INDIAN Curry SAVA

MCI Fiji 004-890-1002  
SUVA 1002



Sunset Apartment Hotel (679) 330-1799

TownHouse@Connect.Com.FJ

GRAND MELANESIAN HOTEL (2.5km from NADI Airport)

(679) 672-2438 MELNESIANHOTEL@Connect.com.FJ

Fiji Gateway - 679 672 2444

Realizing that colonizers have cultures too.

"ENSURING THAT REGIONS ARE REPRESENTED BY CULTURES RATHER THAN COLONISERS"

Shannon IE (SNN) HKQ97T <sup>DUB TO HNL</sup>

Need upgrade Request

PQVL Favorite car Chevy  
VNØ32156  
"Shanlung 888"

PIN 3945

800-225-8900  
"JA"

CIN EA342137

PIN 3945  
for phone only

QB - KF185678

shanlung888

9086 phone only

Status	Request Type	From Date	To Date	Total Hrs
Approved	Sick Leave	Mar 07 2016 (2016-05)	Mar 07 2016 (2016-05)	4:00
Approved	Annual Leave	Feb 29 2016 (2016-04)	Mar 04 2016 (2016-04)	40:00 <sup>ISTS PERU</sup>
Approved	Sick Leave	Feb 26 2016 (2016-04)	Feb 26 2016 (2016-04)	2:30
Approved	Annual Leave	Feb 08 2016 (2016-03)	Feb 25 2016 (2016-04)	80:00 + <sup>40 KAYAN</sup> 40 TAIWAN

DRIVESAVERS.COM #E 496737 # 5/11/16 SAM  
Fedex # 795144127353 # 413+99

(3)

DISPOSAL - "SAFE, Hygienic and  
consistent with local ordinances"

ELISE KOTTI

Thomy WEBB - new Librarian 2/2016

info@kingdomofjesuschrist.ORG  
Sounds of Worship SMNI

Need

Her name is Lily Jenkins, teacher is Mrs. Arleone Dibben-Young  
patty

MANGROVE - STUDENT

and is at Molokai Intermediate and High School.

\* Science Fair Project

FFS 2016 SAT PHONES

MAIN 881-651-455721

Backup 881-651-455727

On Thu, Apr 28, 2016 at 9:21 AM, Bogardus, Michelle <michelle\_bogardus@fws.gov> wrote:  
Hi George,

FWS

Joy acts as the turtle lead for Kauai, Oahu, American Samoa and the Northwest Hawaiian Islands. Her  
Team Leader (supervisor) is Aaron Nadig.

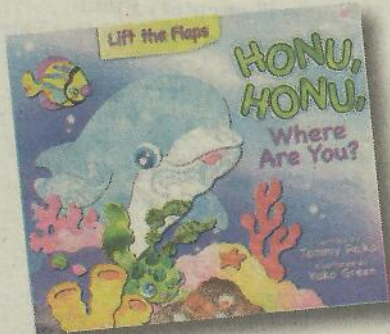
Jon Sprague is acting as the turtle lead for Maui Nui and Hawaii Island. I am his Team Leader.

Due to the CM DPS Listing and Critical Habitat Rule, we also have a contractor assisting us w/ those  
Federal Register packages, Jean Pan. Joy is assisting Jean with that work.

4/2/2016 HSA  
KEIKI BOOKSHELF

## Colorful tales to encourage kids' interest in outdoors

By Nancy Arcayna  
narcayna@staradvertiser.com



A colorful baby dolphin goes on a quest to find his friend Honu, a baby sea turtle, in "**Honu, Honu, Where Are You?**" (Island Heritage, \$11.95), by Tammy Paikai. Young children will have fun lifting the flaps to find Honu's hiding spots. An array of other sea creatures, including a whale, crabs, starfish and colorful coral are featured.

Paikai is a beloved local author who has written books such as "Aloha is...", "Too Many Mangos" and "Grandpa's Mixed-Up Luau," which was adapted into a play last year.

Vivid illustrations are provided by Big Island resident Yuko Green.

## Saint Marianne also spoke Hawaiian

HSA 4/12/16  
In an "Off the News" item, it was mentioned that "Damien, for one, is the only Hawaiian-speaking saint there is" ("Oh when the saints go marching in, to Waikiki," Star-Advertiser, April 5).

In the 27 volumes of documentation on Saint Marianne, it is noted that "Mother Marianne and her companions sisters at Kalaupapa did learn to speak and understand the Hawaiian language after they moved there (to Kalaupapa) from Honolulu in 1888."

The document goes on to say that "the majority of their patients were Hawaiian, and because of their being segregated in an isolated area, the natives retained their language longer than did most others in the islands."

"Mother Marianne, a sensible woman, believed that the short-lived natives under her charge at Kalaupapa should be taught to read in their own language."

Classes at Bishop Home were taught in Hawaiian and not in English.

Yes, we have two saints — Damien and Marianne — who were Hawaiian speaking.

*Alicia Damien Lau*  
Sisters of St. Francis of the  
Neumann Communities

SOLD

PAUL'S

(5)

2/14/2016

2000 Xterra

BLAKE RABY

Sunday

91-1151 KAIMALIE ST,

EWA BEACH, HI 96706

# 71500

Summary of Needs ISTS36

- \* Report to Cfurtle/comment
  - GOLD Turtle photo(s) turtle/MTSG/Oceania China USA
- \* Melissa Snow 13cm
  - TRANSLATE Bennett's Spanish Japanese Chinese
  - \* MICK'S EMAIL PI LIST APP
- \* SYRINA - Semiroff's grad student - Calif. focus Turtle WATCHING
- \* BLAIR AULANI DISNEY
  - \* Central PLAZA LIMA Cathedral St. Francis CATAcombs
  - \ SAINT MARRIANNE OPE OTHER OF PEACE Cathedral HONOLULU
- \* Review Posters
  - Jack Neo GM introduce

(B)

KAYAK'S  
Mileage Plus

TEØØ7476



Need  
1184  
BISHOP



~~Patrick~~ PATRICK (11)  
BOLAND (5100)  
(1967)  
Volunteer

Joy BROWNING  
Need PHOTOS sent  
TO RAY BOLAND

CONFIRMATION

Booking #2307333

Kalaupapa Tour - From Honolulu - Fly in and Fly out!

\$989.77

Tuesday, February 9th 2016 @ 8am - 3pm

CHARGED TO MASTERCARD 6315

3 Adults

Charge may appear on your statement  
as "STRIPE" while it is clearing.



Need  
2-9-2016  
ENGRAVED  
12:15 PM



Pin also  
tagged 2/11/16

x KeeLee MOP Seawords  
OHH newsletter

2-9-2016

609, 22  
1

"RETURN TO THE GODS"  
BARAZ Ng chan

Ceremonial practices linked <sup>turtles including</sup> [to] sea turtles  
DATE [back to] from Antiquity spanning  
[AND SPAN] the globe woven into

3000  
years  
Ago

ALL CULTURES. Pictograms  
etched on turtle bones divine  
foretell future events AUSPICIOUS

Human with  
Burials of sea turtles

Release of <sup>LIVING</sup> turtles for good fortune  
Hawaii (1980) Pray for turtles  
BARAZ 2003?  
Peng 1974

Buddhist  
"SHOW MERCY"  
(?)

Spiritual - Ocean/dive/breath air/  
come ashore Rollett

# FFS INTRODUCTION

See (19)  
HIRTH 715  
97

17 - -

The seasonal appearance and disappearance  
of sea turtles coming ashore to  
nest at [specific sites]  
certain sand beaches was  
among the earliest of mysteries  
pondered

Among the earliest mysteries pondered  
about sea turtles was the  
seasonal . . . .

Zonal Separation of nesting & resident  
postures,

# double for Bennett / Introduction for FP Summit Report

leprosy compare CRUEL Diseases  
ISOLATE THEMSELVES Grotesque  
Suffering

- \* ORAL
- Regression
- West Hawaii / East Hawaii
- Population increases remarkable - HI/FL
- include Bennetts as Appendix (?)

Seemingly  
possibly reflective  
of unhealthy  
marine environments

fortunate unfortunate

Honolulu PIFSC

<sup>Introductory remarks</sup> The above are my own thoughts  
<sup>professionally formulated</sup> based on 51 years of experiences with  
haupuan green turtles - 45 years in  
professional research life.

[What is] More important, of course  
are the findings of the 2015 Summit as reported  
Region by Region in the following pages

1997

1981

1973 = 43  
Thank participants and everyone involved in the successful conduct of the Summit

1990

Refer to TW's Monkey Survey and Results  
& Global Distribution

I gives covered in hand  
I'm pleasure (I always say June 2019)

Limitations in travel Resources

funded participants  
George Balazs FP Summit Chair

I am honored to write this short intro report to the report of the FP Summit my frame of mind from day to day

Depending upon [one's] point of the view

\* I am feel [fortunate, or unfortunate] [both] either fortunate or unfortunate to

have spent the past 43 years on my professional life with Hawaiian monk seals/witnessing

and immersed within the tangle of

and down road <sup>historical</sup> of the grotesque

cruel and <sup>heartbreaking</sup> disease

known as Fibropapillomas (FP or

shot). <sup>scute</sup> I am well aware that

many others in the world are

globally well afflicted turtles occur, deep

I share these feelings of concern for the

health of the sea and survival of the future

of population. Indeed in some

very real ways FP of disease has strong

similarity to leprosy that

definitely  
total  
the

conservation  
critical topic  
group of people  
that brought  
up this critical topic

Tragic?

people that led to <sup>mainly (native)</sup> ~~over 2000~~ <sup>and prevent the advance of her</sup> ~~isolation~~ <sup>of her</sup> and abandoned <sup>at times</sup> ~~at times~~ <sup>of these</sup> ~~isolation~~ <sup>misses</sup>

Marye Kawakawa-kewalo Pennock of Molokai study in 1888 <sup>result</sup> in over 2000 deaths. <sup>Acute was eventually found for leprosy in the 1930s</sup> ~~known today as Hansen's disease~~ <sup>(leprosy)</sup>

The ~~story~~ history of leprosy in Hawaii including those that tried all to treat ~~and comfort~~ <sup>spiritual</sup> care for all <sup>employment</sup> those afflicted, & ~~reminded~~ <sup>reminded</sup> ~~people~~ for all who grieve for the ~~flight~~ <sup>flight</sup> of turtles afflicted with FP. There was a time when FP seemed to be <sup>the</sup> ~~the~~ <sup>future</sup> ~~future~~ <sup>ethic</sup> ~~ethic~~ of the Hawaiian people, just as leprosy and so many other adverse impacts seemed to predict ~~seal~~ <sup>the</sup> fate of the Hawaiian race. Fortunately, such worries did not come true, and likely never will, given population resiliency and the <sup>helping</sup> ~~hands~~ <sup>hands</sup> of many that care. However, we should ~~take~~ <sup>take</sup> no ~~mistake~~ <sup>mistake</sup> about it.

AS eloquently described in the BEAD, STACS keynote Address

That FP remains an important disease that in need <sup>an array of dedicated</sup> continuing attention regarding resources and expertise. Especially <sup>being</sup> ~~being~~ <sup>an</sup> ~~an~~ <sup>unanswered</sup> ~~unanswered~~ <sup>for</sup> ~~for~~ <sup>Hawaii</sup> ~~Hawaii~~ <sup>globally</sup> ~~globally~~ is the <sup>prevalent</sup> ~~prevalent~~ <sup>occurrence</sup> ~~occurrence~~ of <sup>forest</sup> ~~forest~~ tumors that almost never occur <sup>to p. 58</sup>

**UNITED** 

**TSA PRE**

**\*\* PREMIER \*\*  
\*\* ACCESS \*\***

**INTL**

**BALAZS/GEORGEH**

UA-\*\*\*678 PREMIER GOLD STAR ALLIANCE GOLD

**HONOLULU TO SAN FRANCISCO**

**UA1575**

GATE

BOARD TIME

SEAT

**HNL-SFO**

**11**

**10:55P**

**5F**

FRI FEBRUARY 26 2016

GATE MAY CHANGE

DEPARTS: 11:40 PM

ARRIVES: 6:58 AM

WINDOW

FIRST

CONFIRMATION: **B227LV**

TICKET: 016 2469234522

**BALAZS/GEORGEH**

JA-\*\*\*678 PREMIER GOLD STAR ALLIANCE GOLD

**SAN FRANCISCO TO HOUSTON**

**UA1958**

GATE

BOARD TIME

SEAT

**SFO-IAH**

**8:15A**

**9D**

SAT FEBRUARY 27 2016

DEPARTS: 9:05 AM

ARRIVES: 2:51 PM

AISLE

ECONOMY

ADDED TO UPGRADE STA

CONFIRMATION: **B227LV**

TICKET: 016 2469234522

**BALAZS/GEORGEH**

JA-\*\*\*678 PREMIER GOLD STAR ALLIANCE GOLD

**HOUSTON TO HONOLULU**

**UA253**

GATE

BOARD TIME

SEAT

**IAH-HNL**

**E4**

**8:35A**

**3J**

SUN MARCH 6 2016

GATE MAY CHANGE

DEPARTS: 9:13 AM

ARRIVES: 1:48 PM

WINDOW

BUSINESSFIRST

CONFIRMATION: **B227LV**

TICKET: 016 2469234523

U  
N  
P  
11  
H

*18th*

*Change of See me #*

*CAN change become ISTS? (27)*

**UNITED**  **TSA PRE** **\*\* PREMIER \*\*** **\*\* ACCESS \*\*** **INTL**

BALAZS/GEORGEH  
 UA-\*\*\*678 PREMIER GOLD STAR ALLIANCE

HOUSTON TO LIMA

UA854 GATE

**IAH-LIM**

SAT FEBRUARY 27 2016

CONFIRMATION: **B227LV**  
 TICKET: 0162469234522

Seat Change

Seat **6L**

Name **BALAZS/GEORGEH**

Flight **8854**

Date **2/27/2016**

Dest **LIM**

S/H **76**

**UNITED**  **TSA PRE** **\*\* PREMIER \*\*** **\*\* ACCESS \*\*** **INTL**

BALAZS/GEORGEH  
 UA-\*\*\*678 PREMIER GOLD STAR ALLIANCE GOLD

LIMA TO HOUSTON

UA855 GATE BOARD TIME SEAT

**LIM-IAH 15 12:25A 5K**

SUN MARCH 6 2016 GATE MAY CHANGE DEPARTS: 1:10 AM AISLE  
 ARRIVES: 6:40 AM BUSINESSFIRST

CONFIRMATION: **B227LV**  
 TICKET: 0162469234523

*Upg*



26 FEBRUARY 2016 1140pm depart UA  
Friday

HNL → SF → Houston → LIMA  
1ST CLASS 1ST CLASS Sleeper

✓ 2 AM ARRIVE LIMA

27 FEB. SATURDAY

VAN w FRANK PALADINO, BRIAN WALLACE  
#20 USD TO MARIA ANGOLA Hotel  
~ 45-60 MIN. MIRAMAR DISTRICT

NIGHT 1 Room 401

2/27/16 up ~ 9:45am. Breakfast in Hotel - Peter Dutton  
SATURDAY

Dinner at Roast Chicken Restaurant  
w/ 3 Australia CONTAMINANTS study

SUNDAY  
2/28/2016  
NIGHT 2

Keller Lynch  
 to Jeff  
 Mangrove  
 X "Ships" to Jeff

Need Gold Turtle photo - cruttle - MTSG - Oceania  
 Need photo + pdf  
 WST LO et al

**IUCN** Tagging! 2/28/16 Yeh MTS

**Bui Thi Thu Hien**  
 Marine & Coastal Programme Coordinator

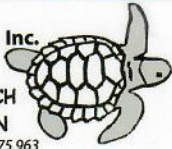
IUCN Viet Nam Country Office  
 1st Floor, 2A Building  
 Van Phuc Diplomatic Compound  
 298 Kim Ma St., Ba Dinh Dist.  
 Hanoi, Viet Nam  
 IPO Box 60

Tel: ++(844) 3726 1575/6 (Ext: 123)  
 Fax: ++(844) 3726 1561  
 Mobile: ++(84) 903 217 960  
 E-mail: Hien.BUIHITHU@iucn.org  
 www.iucn.org/vietnam

*over*

*Hien.BUIHITHU@iucn.org*

INTERNATIONAL UNION FOR CONSERVATION OF NATURE

**AusTurtle Inc.** 

SEA TURTLE RESEARCH AND CONSERVATION  
 ABN 34 994 775 963

PO Box 34u  
 Charles Darwin University  
 Northern Territory 0815 Australia  
 austurtle@austurtle.org.au

President: Michael Guinea  
 Ph 0438 192 507

[www.austurtle.org.au](http://www.austurtle.org.au)

*over*

**Griffith UNIVERSITY**

**Dr Jason van de Merwe**  
 BSc PhD  
 Research Fellow

2/28/16  
 CONTAMINANTS  
 Lynch

Telephone +61 (0)7 5552 9189  
 Facsimile +61 (0)7 5552 9047  
 Mobile 0403 557 245

Australian Rivers Institute  
 Gold Coast campus  
 Griffith University, Queensland 4222  
 Australia  
 j.vandemerwe@griffith.edu.au  
 www.griffith.edu.au  
 www.rivers.edu.au

*ZINDER*  
*Student Grad*

*at Mick*

*J. VAN DER MERWE  
 WFE  
 griffith.edu.au*

U  
 N  
 P  
 18  
 H

MARIA MIRAMAR DISTRICT

Deakin Univ, ISTS 36 LIMA PERU / (31)  
C. FREDERICKSON

8 AM BUS TO UNIVERSITY  
29 February 2016  
Monday (night) 3  
workshop by DAYONE maps to CMS + Melane

BUS FROM TO UNIVERSITY 9 AM + Single Species Action Plan  
" Col for Loggerheads in the South Pacific"  
100K AUS gov for implementation of  
" Action Plan"  
INTRODUCTIONS - LISA LIMPOS Mick Guiver  
MIRAMAR FIJI GUINEA born

27 Actions in Action Plan

MTSG - "critically endangered" listed for Pacific

- CHILE Presentation
- Denise present (long)
- LIMPOS present
- NEFF MANGEL present already published papers

Lunch 1230 - 130 pm

Resume

ALL MAPS & TO MTSO for SPREP POSTINGS

"Need to understand scale of Loss" = Col

Limpos - no disease has depleted / major change to turtle population,  
DINNER at cliff side at MANGO restaurant w/ Rice, Umas Jim,

**Jeffrey C. Mangel, PhD**  
Science Director  
ProDelphinus

José Gálvez 1136, Miraflores, Lima 18, Perú  
T +51 1 241 3081  
jeffrey\_mangel@yahoo.com  
Skype: mangelman



[www.prodelphinus.org](http://www.prodelphinus.org)

[f/ProDelphinus](https://www.facebook.com/ProDelphinus)

[@Prodelphinus](https://twitter.com/Prodelphinus)

OVER

sent "SHIPS" - Need-

Need  
LARRY CROWDER  
DANA BRISCOE  
sent

Jeffrey\_mangel@yahoo.com x  
CJLIMPUS@HOTMAIL.COM

東京海洋大学 うみがめ研究会

第18代 副会長



谷崎 好輝

Yoshiki Tanizaki

〒108-8477

東京都港区港南 4-5-7

東京海洋大学 うみがめ研究会

個人 Phone : 090-7308-9656

mail : faifaiyoshiki@gmail.com

かめ研 URL : <http://kameken.web.fc2.com/>

Mail : kaiyodai.kameken1997@gmail.com

CAST  
ASIA  
Meeting



U  
N  
P  
1  
H

~ 9:30 AM TO ~ 2 PM EAST ASIA (33)

1 MARCH 2016

Meeting

workshops N=13  
Group photo

Yoshi

Night 04

N=5 TOKYO UNIVERSITY +

+ Suganuma

Rosa

TAIWAN + TALL + ill & daughter  
Dimitri Me.

2015 XAO nests  
Season 4983 Cc  
Nesting 827 Cm  
6 Ei

BUS TO UNIVERSITY;  
TAX w/ Denise  
BACK TO ASIA  
AN 40LA

CC MATHE

"10 years" - Yoshi

HIWASA - 65 year old Cc

"Living legend" - OKI SAN

100 - 150 m  
15°C is STUN"

deep (East China Sea spot)

WAN HUANG

URBAN LIGHTING  
1992-2013  
Model C

First Author?

LANYU

LIGHT = BROWN - YELLOW - AMBER

\* Need TRANSLATE Bennett's  
EDITORS Several Languages -  
MTN - Ogasawara Chinese  
History Japanese  
Korean  
\* French

Need to read  
S. K. 2000  
IST 537  
LV

To Denise  
SUGANUMA  
present  
hatchery stopped 2008

40-45 years  
ogasawara  
1880-2013

# Fish Dinner at Corner Restaurant

Tuesday Night 3/1/2016 Tuesday  
night

7pm welcome reception at restaurant  
location next to Archaeological site.

BLAIR Witherington  
AULANI ~~X~~ need PITS  
Jeff P.  
Frey  
13

Issue Date: November 01, 2015

Traveler BALAZS/GEORGEH eTicket Number 0162469234522 Frequent Flyer UA-XXXX678 Premier Gold / \*G Seats 8D/9D/18K

## FLIGHT INFORMATION

Day, Date	Flight	Class	Departure City and Time	Arrival City and Time	Aircraft
Fri, 26FEB16	UA235	L	HONOLULU, HI (HNL) 11:59 PM	SAN FRANCISCO, CA (SFO) 7:01 AM (27FEB)	737-800
Sat, 27FEB16	UA1958G		SAN FRANCISCO, CA (SFO) 9:00 AM	HOUSTON, TX (IAH - BUSH INTL) 2:55 PM	757-300
Sat, 27FEB16	UA854	G	HOUSTON, TX (IAH - BUSH INTL) 4:00 PM	LIMA, PERU (LIM) 11:35 PM	767-300
Sun, 06MAR16	UA855	W	LIMA, PERU (LIM) 1:10 AM	HOUSTON, TX (IAH - BUSH INTL) 6:40 AM	767-300
Sun, 06MAR16	UA253	W	HOUSTON, TX (IAH - BUSH INTL) 9:15 AM	HONOLULU, HI (HNL) 1:51 PM	777-200

## FARE INFORMATION

Fare Breakdown		Form of Payment:
Airfare:	1,146.00USD	VISA
U.S. Customs User Fee:	5.50	Last Four Digits
U.S. Immigration User Fee:	7.00	4036
U.S. APHIS User Fee:	5.00	
U.S. Transportation Tax:	35.40	
September 11th Security Fee:	11.20	
Peru Tourism Tax :	15.00	
Peru Airport Departure Tax:	30.74	
U.S. Passenger Facility Charge:	18.00	
Per Person Total:	1,273.84USD	
eTicket Total:	1,273.84USD	

The airfare you paid on this itinerary totals: 1,146.00 USD

The taxes, fees, and surcharges paid total: 127.84 USD

3/2/2016 <sup>flight</sup> 8:00AM OPENING

year Her FIRST Welcoming Remarks

2000 Miami-Jack Frazier Welcoming Society

ALL ABOUT "INSPIRATION"

US AMBASSOR TALK "PARODUS" <sup>(place name)</sup> Sea Bird Colonies

MY POSTER #217 HAWAIIAN TATTITIAN

LIMPUS <sup>TOPIC</sup> Keynote AUSTRALIA Loggerheads 29 years - MARKED HATCHLINGS

Come back to nest to a Region, not always the same beach. - with 200km. Imprinted on MAGNETIC fields of earth.

"NO PARENTAL CARE"

Need DAN GODDY NZ send CC NO MAPS

Brendan Godley - 10 lessons <sup>over 20 years</sup> STARTED 1989 TRINIDAD

- 1) Do what ~~im~~ passions you\*
- 2) Get good AT FUNDRAISING & Acknowledge them
- 3) Many great benefits to long term Commitments
- 4) Learn how to promote yourself & your project
- 5) Gather good people around you\*
- 6) Working w/ fishers has to be key
- 7) A mutually supportive group in your own Team
- 8) Lesson 6) Embrace technology. " But not to much

## LA CULTURA LIMA ¿CÓMO VIVÍA EL PUEBLO QUE ADORABA AL MAR? THE LIMA SOCIETY: HOW DID THE PEOPLE WHO WORSHIPPED THE SEA LIVE?

The daily lives of the Lima people revolved around agricultural work, fishing, hunting and gathering, as well as craft and manufacturing activities. They built ceremonial centers like Pucllana, where they gathered for public religious and administrative activities. These communities consumed maize, beans, lima bean (pallar), pumpkin, squash, guava, lucuma, and pacayt, among other plant species. Their diet also included animals like guinea pigs, ducks, alpacas, llamas, and deer. Marine animals, such as different species of fish, crustaceans and mollusks, were also consumed. Pottery production was one of the most important activities, and the vessels produced were used for cooking, storage of food, and as canvases to display the stylized images that were part of their system of religious beliefs. Most of these vessels were decorated using only three colors: red, black and white.

## HUACA PUCLLANA: THE TEMPLE OF THE WORSHIPPERS OF THE SEA TEMPLO DE ADORADORES DEL MAR

### WHAT WAS THEIR RELIGION LIKE?

En su religión resaltaba la importancia del mar, que era representado con diseños de olas y animales marinos, especialmente el tiburón, que se plasmaba en vasijas de cerámica y tejidos especiales.

Las principales actividades religiosas en Lima están ligadas a la construcción y clausura de la arquitectura: se hacían ceremonias de rompimiento de vasijas de cerámica, sacrificios humanos (sobre todo de mujeres jóvenes) y grandes banquetes acompañados de música.

*The most significant attribute of the Lima people's belief system was the importance given to the sea. This is reflected in the imagery painted in their pottery and textiles, which show representations of marine animals, most significantly of sharks, and ocean waves. The main religious and ceremonial activities were those related to the construction of the buildings, as well as their ritual closure and burial. These events involved the ritual breakage of pottery vessels, human sacrifices -mainly of young women-, and great banquets, which were accompanied by music.*

*The Lima people constructed their sites using small handmade bricks made of unfired earth (adobes), which were arranged in vertical rows resembling books in a bookcase to build walls. Using this technique, the Lima built rooms, patios, corridors, ramps and staircases, which were used for a period of time and then buried with smooth rounded stones, sand and earth, in order to create a new base for building. These "architecture burials" were accompanied by ceremonial and ritual activities.*

*The most striking architectural element at Pucllana is the great flat-topped pyramid, composed of a series of stepped platforms and several patios, that become smaller in scale and more elaborate as the structure gains height. The walls were originally covered in very fine plaster and yellow pigment. These spaces were used by the site's priests as gathering points for the nearby communities, though participation and access became more restricted as one reached the uppermost rooms and patios. Towards the western, the architecture of Pucllana is less monumental in scale, and is composed of a number of rooms and patios of varying sizes. These spaces were of lesser rank than those located on the pyramid, and were likely more accessible to the members of the nearby communities.*



3/2/2016 Brandon  
Wednesday

"All very good, but what's your question?  
How will it

- 7) focus more on outcomes than outputs
- 8) we operate within a rich web on politics - Try your Best
- 9) Don't be afraid of being a heretic. \* Challenge
- 10) We need a better narrative than "endangered with extinction"

People will pay to save them without telling them lies.

"optimist & positive  
let's make her happy" Joanna

SLP? He used Green Lazer Pointer  
10AM Vocalization L.O. Mick Guinea HATCHLINGS  
"SOUNDS"

TODD Greens CNMI/GUAM  
Ishigaki IS,  
TAIWAN (North point)

BRIAN WALLACE  
"Look under the hood" PRINCE GEORGE D.C.

- LARRY CROWDER -

need

"EL TURO"

↳ PIURA - PERU

3/2/2016  
Wed.

Free turtles ~~and~~ feeding NORTH PERU

My name Sonia Valle

Lunch  
met at  
Corner  
RESTAURANT

soniavalle@hotmail.com  
svalle@cientifica.edu.pe

## ¿QUÉ ES PUCLLANA? WHAT IS PUCLLANA?

Pucllana es un gran centro ceremonial, edificado entre los siglos VI y VII d.C. por la población Lima, que se desarrolló en la Costa Central entre el 200 y 700 d. C. El nombre Pucllana es un término recuperado de documentos comerciales del siglo XVI, que hacen referencia al sitio, y es posible que derive de la palabra quechua pukllay, que significa jugar o juego.

Pucllana is a ceremonial center, built between 600-700 A.D by the Lima people, a society that developed in the Central Coast between 200-700 A.D. The name Pucllana itself comes from 16th century commercial documents, where the site is referred to using this name, and it is likely derived from the Quechua term pukllay, which means "game" or "to play".

ISTS 36  
LARRY LIMA  
CROWDER - 1 (48am)  
3/2/2016 CAMERA  
Wednesday  
Semi-off - 40,000 BAJA C.C.

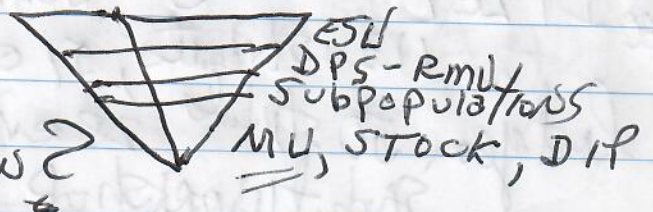
(39)

Burning Questions of 228 - I got to BAJA

MAGNETIC - INCLINATION & DECLINATION  
Come over so for than Bounce Back  
Food over then so reverse course. CN Pacific  
6 months to 4 years - MOST IN CNP

130 pm  
Copelia Hayes

130 pm  
Dutton Talk



What is the question?

Brian Shanklin - AVES Males Harming?  
yes but less stringent than females,  
ANGELA Formica  
GABON largest DC in the world

1 egg rep. female / piece of 1 eggshell

# IST SOCIETY BOARD Meeting

600 -  
630 pm

2 MARCH 2016  
Wednesday

NANCY FITZSIMMON Report Nominations Committee

JACK POLMAN never attended  
Nominations

Board & Committees controlling everything  
Symposium Business VS Society Business  
- Computer to vote

Student Committee

ITZEL Report

5th BOARD Meeting

113 students, 51 evaluators

last year 50 students 28 evaluators

Student Workshop

Bayview Hotel

Rky Paid Transport

Todd Steiner  
Matthew Godfrey

need more attention

"Team"

Travel Report - Alex GAO'S

21K Bod Support  
+15K JOANNA

Ray, JAGP, Alex, BRAD HILL, ITZEL, ALAN, PAOLO, ROBERT, Alendro,

REES

MARIANNE, YAKUP, ALIKI, JOANNA, Terry, Frank, GAVIN, MATTHEW, McGB, ANDREA

DINNER

# 1,650 Awarded - Student AWARDS

APACHE  
CARR  
AWARD

GIVE A NAME TO IT = Solomon's person

GRASS ROOTS AWARDS  
CONS. AWARDS  
INDIGENOUS TOO  
Report (community group)

41 years  
one happening

3/2/2016 Wednesday  
INGRID AWARDS group 4000 awards  
20 - but I gave justification  
+3

Matthew Ingrid Alex departed

BRAD NAHILL Report AWARDS Committee  
1st year as chair

\*RULES\* - Justice - weighting views  
Me perfect legal  
human decisions  
Responsibility without Authority

~ midnight

slept late

3 MARCH 2016

Thursday ~ 9:45 AM Breakfast w/ Pritchard  
Talk story Senior Sea turtle Scientists  
(PIN)

1030 AM Dean Bagley - NO hurrah given for  
BRISCOE FL greens

DE DANA - 1 turtle made it.  
Planes CRABS  
STACY elliptoid to JOE. Refug area



**UNC**  
COLLEGE OF  
ARTS & SCIENCES

THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

*aves*

**ELIZABETH HAVICE**  
Assistant Professor

*3/3/2016?*

T 919.962.3414  
havice@email.unc.edu

DEPARTMENT OF GEOGRAPHY  
324 CAROLINA HALL  
CHAPEL HILL NC 27599-3220

*aves*



**Michelle María Early Capistrán**  
Posgrado en Ciencias del Mar y Limnología  
Universidad Nacional Autónoma de México

c: (044) 22 21 14 26 56  
e: earlycapistran@gmail.com  
w: www.earlycapistran.com

t: @earlycapistran  
s: earlycapistran

**Natalie E. Wildermann**  
LicBiol, MSc  
PhD Candidate  
College of Marine and Environmental Sciences

**JAMES COOK  
UNIVERSITY**  
AUSTRALIA

*Photo session CHAIKA*

T 07 4781 6940 | T (INT'L) +61 7 4781 6940  
M 0422 314 062 | M (INT'L) +61 422 314 062  
E natalie.wildermann@my.jcu.edu.au | W jcu.edu.au  
Townsville campus | Townsville QLD 4811 Australia  
CRICOS Provider Code 00117

Cairns  
Singapore  
Townsville

**ARCAS**  
Wildlife Rescue and Conservation Association

*GUATEMALA*

**Colum A. Muccio**  
Administrative and Development Director  
Cell: 5704-2563

Tel/Fax: (502) 7830-1374, 7830-4273  
E-mail: Colum\_Muccio@hotmail.com, arcasguatemala@gmail.com  
www.arcasguatemala.org

Este envase  
de 500 mL  
Calorías  
204 kcal  
(854 kJ)

**INCA KOLA**  
DESDE 1935

500 mL

Contenido Neto 500 mL

71750236173896

**INCA KOLA**  
DESDE 1935

**Coca-Cola Perú**  
www.coca-cola.com.pe

800-1-4000

por favor  
recicle

**INGREDIENTES:** AGUA CARBONATADA, ZUCAR, ACIDULANTE: CITRICO SINCRISO, PRESERVANTE: METABISULFITO DE SODIO SH21, SAZONADOR: SAZONADOR DE SAZONADOR, CONTIENE TARTRAZINA.

**INGREDIENTES:** AGUA CARBONATADA, ZUCAR, ACIDULANTE: CITRICO SINCRISO, PRESERVANTE: METABISULFITO DE SODIO SH21, SAZONADOR: SAZONADOR DE SAZONADOR, CONTIENE TARTRAZINA.

**INFORMACION NUTRICIONAL**

Cantidad por porción & % Valor Diario*	
Porción 240 mL	
Valor Energético (kcal)	85
Grasas Totales (g)	0
Carbohidratos (g)	24
Proteínas (g)	0
Sodio (mg)	58

\*Las porciones de 240 mL. Otros están basados en una ración de 200 kcal en los valores de referencia. Nutrientes por litro no establecidos.

Este envase de 500 mL contiene:

Grasas Totales	0g	0%
Sodio	58mg	1%
Carbohidratos	50g	10%

Valores Diarios con base a una dieta de 2000kcal. \*Valor Diario no establecido.

**ENVASE NO RETORNABLE.**

LIMA Cameron Allen 3:24 PM

3/3/2016  
Thursday 3:36 PM Novel host CRESPO  
PICAZO  
French person

3/3 MTSG Meeting; AUCTION.

3/4/16 TAXI TO downtown w/ MARC, LAURA, Denise.  
\* Visited Cathedral, Pizarro Tomb & ST. FRANCIS Monastery + CATACOMBS  
BRAZIL hawksbill/Loggerheads

TURTLES IN TIME

SACH - \* "The only Constant is Change"

FRAZIER Session  
Peak of last GLACIAL period 20,000 years ago  
120M lower than today

6000 Ajo' 4-6 M higher

oldest known archaeological remains  
60,000 years ago cave S. Africa

ELIZABETH WING SE USA 3000 BP

DANIEL GONZALEZ PASADES  
"Research Potential of the Historical Archives"  
Archivo General de Indias

Michelle MARIA Sunny out of the post

"Open a door that you will have courage to walk through"

638  
present

4 MARCH 2016  
Plenary Session  
Friday

GB - HI/PE  
- Preker et al  
- Frey et al,

Treasurer Report

120k fee  
- Reg. fee  
- Auction  
- Grants sales  
- Misc sales  
- Invest account  
38k positive  
Turkey

6th year Izsel  
Report

Workshop  
Need New  
NAME

combined  
MIXED  
with STAND  
w/posters

Jeanette  
Wykefen  
STUDENT  
POST DOC

NOMINATION

172 voted

Allowed self nominate

4  
April 15-23  
JW MARSH

21st symposium  
Society for  
W Philadelphia

RUC: 2064202730. Registro Sanitario: F56085154 BASEL  
TOMAR BEBIDAS ALCOHOLICAS EN EXCESO ES DANINO

  
36<sup>th</sup> INTERNATIONAL SEA TURTLE SYMPOSIUM

 CONSERVAMOS POR NATURALEZA  
 SHIMI

 Rainforest expeditions

**Amazonian**  
PREMIUM  
CERVEZA ARTESANAL  
con Castaña Amazónica

Producto de  
ÁREA DE CONSERVACIÓN  
5.0% ALCOHOL | 330 ML / 12 FL OZ

  
Arboles de más de 500 años lo dan a esta cerveza un único sabor.  
EDICIÓN LIMITADA PRO-FONDOS PARA INICIATIVAS DE CONSERVACIÓN MARINA EN EL PERÚ.  
PRODUCIDA POR SIERRA ANDINA PARA EL 36° SIMPOSIO INTERNACIONAL DE TORTUGAS MARINAS  
WWW.PERUNATURE.COM  
WWW.CONSERVAMOS.ORG  
WWW.SHIMI.PE



LIMA

(45)

3/4/2016 AWARDS BANQUET  
Friday

3/5/2016  
Saturday

María de la Esperanza te espera,



over

Acompañémosla en su dolor.



over

**Solemnes Cultos 2016**  
 Basílica Catedral de Lima




**Domingo V de Cuaresma - 13 de Marzo**

11:00 a.m. Santa Misa en honor de Nuestra Señora de la Esperanza, presidida por el Excelentísimo Monseñor Juan Cardenal Luis Cipriani Thorne, Arzobispo de Lima y Primado del Perú,

12:00 p.m. La imagen de Nuestra Señora estará expuesta para pública veneración de los fieles asistentes en el presbiterio de la Basílica Catedral.

**Domingo de Ramos - 20 de Marzo**

04:30 p.m. Salida de Nuestra Señora de la Esperanza al atrio de la Basílica Catedral Metropolitana.

05:00 p.m. **Rezo del Santo Rosario por el Perú**, Meditando los misterios dolorosos, junto a las imágenes de Nuestro Señor y la Virgen.

06:00 p.m. **Solemne recorrido procesional** de Nuestra Señora de la Esperanza alrededor de la Plaza Mayor de la Ciudad de Lima.

**Jueves Santo - 24 de Marzo**

09:00 a.m. - 11:30 p.m. La Capilla de Nuestra Madre permanecerá abierta para recibir la visita de los fieles.

**Viernes Santo - 25 de Marzo**

10:00 a.m. Encuentro de Nuestra Madre de la Esperanza con el Señor de los Milagros de Nazarenas.

11:30 a.m. - 03:00 p.m. La Capilla de Nuestra Madre permanecerá abierta para recibir la visita de los fieles.

05:00 p.m. Salida de Nuestra Madre de la Esperanza al atrio de la Basílica Catedral para despedir al Señor de los Milagros de Nazarenas.

Más información:



Nuestra Señora de la Esperanza de Lima

49

**PALACIO ARZOBISPAL DE LIMA**



MUSEO Y SALA DE EXPOSICIÓN S/. 30.00

**CONTROL**

N° 107353 5

MUSEO PALACIO ARZOBISPAL DE LIMA

**LA CERVEZA DEL PERÚ**



**CRISTAL**

1922

**LA CAMPEONA DE LA CALIDAD**

Neto 330 ml

94

Medios de Pago S.A.

Compañía inscrita en el Registro de Comercio  
del Poder Judicial de la Sala IV de Lima  
Código de Comercio: 1087730

Procesos de Medios de Pago S.A.

Compañía inscrita en el Registro de Comercio  
del Poder Judicial de la Sala IV de Lima  
Código de Comercio: 1087730

Procesos de Medios de Pago S.A.

Compañía inscrita en el Registro de Comercio  
del Poder Judicial de la Sala IV de Lima  
Código de Comercio: 1087730

S.S.A.  
2 Lima

3.39  
58.99  
2.20  
64.58

54.72  
9.86  
64.58  
64.58  
SOLES  
64.58

0.00

0.  
n  
en  
e  
000021

Procesos de Medios de Pago S.A.

Compañía inscrita en el Registro de Comercio  
del Poder Judicial de la Sala IV de Lima  
Código de Comercio: 1087730

Procesos de Medios de Pago S.A.

Compañía inscrita en el Registro de Comercio  
del Poder Judicial de la Sala IV de Lima  
Código de Comercio: 1087730

Procesos de Medios de Pago S.A.

Compañía inscrita en el Registro de Comercio  
del Poder Judicial de la Sala IV de Lima  
Código de Comercio: 1087730

MIRAFLORES  
COMPRAS 05MAR16 16:33  
TERM: 25180422 B8.423  
AP:864494 REF:7426 LOTE:0954 TIPO:AMEX  
TARJ:\*\*\*\*\*1000(C)  
BALAZS/GEORGE H  
TOTAL S/. 64.58

FIRMA:  
DOC: TLF:  
ACEPTO PAGAR AL EMISOR DE LA TARJETA  
EL IMPORTE ANOTADO EN ESTE TITULO

AID: A000000025010801  
APF LABEL: AMERICAN EXPRESS  
CRIPTO: A7 55 D5 7A ED FF C9 53

4354 0094/009/021 05/03/16 16:33 AC-00

Title : Green turtles nesting on the Main Hawaiian Islands: insights from genetic relatedness analysis.

Amy Frey, National Oceanic and Atmospheric Administration, Southwest Fisheries Science Center

Peter Dutton, National Oceanic and Atmospheric Administration, Southwest Fisheries Science Center

George Balazs, National Oceanic and Atmospheric Administration, Pacific Islands Fisheries Science Center

Within the Hawaiian archipelago, green turtle nesting has occurred mainly at French Frigate Shoals (FFS) in the northwestern Hawaiian Islands, however an increase in occasional nesting has recently been observed on the main Hawaiian Islands (MHI). Monitoring the nesting activity on the MHI has been limited to nest documentation because of logistical constraints, and without systematic tagging of the nesting females it is not clear how many are nesting there. We used mitochondrial (mt) DNA sequencing combined and nuclear (n) DNA analysis based on 14 microsatellite markers to infer the number of individual nesters. Genotypes were determined for 384 dead embryos and hatchlings salvaged from 146 nests laid on Maui, Molokai, Kauai, Lanai, and Oahu, along with those of 81 nesting females that were sampled on FFS, 14 captive adults currently residing at SeaLife Park (SLP) and ~350 hatchlings that we born and released from SLP since 2003. MtDNA results showed that 62% of the MHI clutches were laid by females with a relatively rare haplotype only reported in 16% of the FFS nesting population. Nuclear DNA results indicate that the nests in the MHI are from a relatively small number of females that appear to be related to each other. We were able to reconstruct genotypes for nesting females from hatchling profiles and we estimate that 25 different females were responsible for clutches laid on the MHI. Taken together, results from the mtDNA and nDNA suggest that the nesting population at the MHI may be the result of a few founders that originated from FFS, possibly facilitated by captive rearing and release of FFS juveniles locally from Oahu. We suggest that this regional range expansion may buffer against the loss of current nesting sites at FFS due to sea level rise. Our results show the potential for genetic tools to be incorporated into population assessment, particularly in areas where access to reproductive females is difficult and population size is unknown.

13  
 Home stored in office  
 Test Transmitters N=10  
 start ~ 2pm 3/12 SATURDAY.

CTH  
 3  
 Monday

Cost of Telonic APGOS ID  
 of No. 12 - 52701  
 13 - 65418  
 14 - 50152  
 16 - 65426  
 91 - 88054  
 92 - 68335  
 93 - 57152  
 94 - 53754  
 95 - 71913  
 98 - 57150

Telonic NO.

674716 4  
 674793 2/5  
 674791 5  
 674792 6  
 674713 2  
 674798 10  
 674795 9  
 674714 3  
 674712 7  
 674794 8

3/11  
 Tuesday  
 3/16  
 SLF

SLP

Female E RH 41361F4D14 94.8 SCL  
 LH 4136283A6A RFL NNW 751  
 Female K LH 41360007 B03  
 RH 41353450 35 82.9 SCL  
 MALE A LH 407D2 C1749  
 RH 44521E1F7E 81.0 SCL  
 Male W LH 4150461A51 78.4  
 RH 4452771234 LFL 9905 RFL A423

NUV

(CTRL PRINT SCREEN)

4:30 AM TO

53

3/14/2016 SLP With Olivia Hughes  
Monday Training Lagoon tank drained 16 turtles  
Saw Niki Moore from past years SLP,  
Photos  
KIANA - 0 TAGS

3/15/16 5:30 AM Google Calendar 1 hr, Training  
Tuesday 8 AM Google DRIVE 1 HR TRAINING

3/16 Wednesday  
Halawa - EV TW & Mathews  
Olivia - Rain 5M Epoxy Ackerman  
ATTACH + PITS  
+ NOTO TOOL

SLP KIANA Female

RH 452613550A SCL 85.8

LH None LFL 11531

RFL 11532

NVI Female

No Metals  
No PITS

96.5 SCL

3/17/16 1242

LH 4601681215

ALLI

87 86.5

SCL

see

P.54 RH 91.5

→ 31 1006

2:20 PM  
MOVE.

RH new





17 March 2016  
Thursday

9:30 am data meeting  
shkm, Devon, SB, OLIVIA,

me.  
Mechanical Issues Bound PX10

PIT Label

3/17/16

12-2:30 pm OLIVIA & GB TO  
HALENSA ALII, KIAKA, & ANATHULU NARROW  
ENTRANCE

Need  
TO SIT  
AT  
ANATHULU

Sanford "Audrey & Jock  
Jock Telecon - Go, into the Sea  
for health spirit"

see  
p. 53

CCL 11:2 PM

75.2 SCL

MATWIPG

78.5 CCL

And...  
Decimal: 982.000364208444  
Hexadecimal: 3D6.0015B5613C

plew

CCL 06

80.4 SCL

3/17 1 PM

Decimal: 982.000364287272  
Hexadecimal: 3D6.0015B69528

new  
V notch  
left  
11M MAGNICAL

Jeff S. 3/18/2016 Friday 9AM  
China 8AM HST

(55)

Keith  
SIRI & Todd  
me (WSD) Most Active "Turtle Competition"

Todd =  
What is goal?  
overarching goal?

Keith - Benefit understanding  
of China Region  
Access data - Fill gaps -  
Life history  
of sea turtles

Migrations  
Judge  
Director

JOHN Hendershott NOAA  
Fisheries Bilateral International

Todd LMR - Conduit to MAKING CONNECTIONS

"Roof on the house"  
VS "Foundation" Jeff Semitt

S&T says  
Priority for Center?

Not something on the table - Funding for  
Guangzhou

JS = dig deep next few weeks  
SIRI Todd is decision maker on Turtle funds.

SIRI =  
Open to observers?

Saturday  
3/19/2016

LIHUE.

CINDY VALLEJO  
(321) 614-1933

252 pm telecon  
15 min 2 sec.

Contract Biologist for ACE  
Vessel "ESSAYONS" =  
TRAILING HOPPER SUCTION DREDGE

Section 7 - RD Mike Tolson Cm 9 Allowed  
+ Name PATRICK O'FAY

numbers listed for take within 24 hours

Call in this order:  
① DAR 808-274-334

She talked to CHRIS Partisen

② Don Hescock

③ 725-5730

3/21 Don got pieces  
bagged to his  
freezer.

Joel Mobe

Need BATI Cell + 679 922 9873

~~ASAKI  
BATI BASTIA~~

10AM

Published

3/22 Tuesday PARR EVAN Howell

"1-year after collection" Machine Readable

definition "Gov. owns DATA" not gov. Grantees too.

Public Access 1/16 deadline. "IMPORT" Training

• Accessible by general public through web

• "Machine Readable" - not proprietary

ensure good quality data

"Send 2 NCEI"

TW  
PARR

• NCEI or ATRAC

• PIFSC/BIRO external contractor

KAREN + you get IT ALL Grantee

From P. 25  
3/21/2016 Monday

97 26 years & 19 years / quarter  
2007 2006

Identify  
in person at the Summit

The purpose of the 2015 FP Summit was to provide a forum to assess the status and trends of the disease globally and its demographic impact of sea turtles as detailed in the Terms of Reference (Appendix 1) to determine regions to be represented. The Steering Committee previously conducted a poll (see Appendix -). From

the 47 responses received six priority regions were selected. Invitations extended to key individuals of each region.

having data and insight for important

The foundation of the 2015 FP Summit were two prior workshops held in Hawaii in 1990 and 1997 (26 and 19 years ago in 1990 and 1997) with multiple contributors. (Appendix 1997 Priorities Summary).

There can be no doubt that the medical and ecological story of FP will continue to unfold leading to progress and improved understanding and resolution and hopefully

Medical as Biological Both

INTRODU...  
George H.  
2015 Intern  
Global Sta

I am honor  
Proceeding  
2015. In do  
Depending  
unfortunate  
immersed v  
humanly he  
Hawaii, and  
health of th  
experience  
disease of f  
and abando  
research re  
its contagio  
Kalaupapa,  
physically a  
my family r  
sea turtles a

There was a  
green turtle,  
Hawaiian pe  
population r  
stated herei  
important di  
resources. A  
unanswered  
outbreaks of  
the prominer

The purpose  
trends of the  
(Appendix X  
XY). From t  
to key scient  
International  
Balazs and

There can be  
resolution an  
Proceedings

INTRODUCTION

George H. Balazs, Chair  
2015 International Summit on Fibropapillomatosis:  
Global Status, Trends, and Population Impacts.

I am honored to have been asked by my Steering Committee colleagues to write this introduction to the Proceedings of the International Summit on Fibropapillomatosis, convened in Honolulu, Hawaii, June 11-15, 2015. In doing so I have relied heavily upon decades of personal experience living and working in Hawaii. Depending upon my frame of mind- from year-to-year, and even month-to-month, - I feel either fortunate, or unfortunate, to have spent the past 43 years of professional life with Hawaiian green turtles witnessing and immersed within the tortuous up-and-down historical pathway of the grotesque, cruel and often humanly heartbreaking disease known as fibropapillomatosis (FP). I am acutely aware that many others in Hawaii, and globally where afflicted turtles occur, deeply share these emotional and science concerns for the health of the seas, and the survival of sea turtle populations. Indeed, to draw deeper upon the Hawaii human experience for comparative purposes, FP disease has outward similarities to the disfiguring and ultimately fatal disease of leprosy. Starting in 1888 Hawaiians and others found to have signs of leprosy were forcibly isolated and abandoned without hope at the remote Kaulapapa Peninsula of Molokai. Eventually in the 1930's medical research resulted in a means to prevent progression of the disease (known as Hansen's Disease) and eliminate its contagious nature. However, in the ensuing years over 8000 mostly Hawaiian people died at Kalaupapa, including Samaritans from overseas that risked infection to care for and comfort the afflicted, both physically and spiritually. The history of leprosy in Hawaii is highly recommended reading, as is a guided-tour my family recently took to modern-day Kaulapapa National Park, for all those that grieve for the plight of sea turtles afflicted with FP disease.

There was a time when FP disease seemed to signify to many of us the biological extinction of the Hawaiian green turtle, just as leprosy and so many other adverse impacts seemed to foretell the fate of the indigenous Hawaiian people. Such prior worries, while fully justified, failed to come true and likely never will, given population resiliency, self-determination, and the helping hands of many that care. However, as eloquently stated herein in Brian Stacy's Keynote Address, we should make no mistake about it that FP remains an important disease in need of continuing attention requiring an array of dedicated people, expertise and resources. Although substantial progress has been made in understanding the disease, there are still many unanswered questions to facilitate effective conservation and management. Especially at locations where new outbreaks of the disease may occur. Included amongst the most bewildering unknowns to me is the prominent manifestation of oral tumors in Hawaii, that almost never occur in other populations worldwide.

The purpose for convening the 2015 International FP Summit was to "provide a forum to assess the status and trends of the disease globally and its demographic impact of sea turtles" as detailed in the Terms of Reference (Appendix X). To identify regions to be represented, the Steering Committee conducted a survey poll (Appendix XY). From the 47 responses received six broad regions of priority were selected and travel invitations extended to key scientists having longer-term data and insights for each region. Important cornerstones for the 2015 International FP Summit were two prior workshops held in Hawaii- in 1997 and 1990- 19 and 26 years ago Balazs and Pooley with multiple contributors; and Appendix XYZ 1997 Priorities for Research Summary).

There can be no doubt that the story of FP disease will continue to unfold leading to improved understanding, resolution and ultimately a cure, whether medical or ecological, or a combination of both. These Proceedings form a strong step forward in the challenging but necessary process.

7/20/15 10:00 AM to 10:00 AM

Cecile's  
oldest & youngest  
sons Anthony & Tommy

Surf & Sea  
single kayak 10  
double 15  
with 7 single

800-  
899-7873  
4.5HR  
\$30

Movie?




3/24/2016  
Thurs.

Couch with TW & Matthew  
Ackerman <sup>at</sup> Switzerland

EA  
3/2  
8 AM  
M  
T  
W  
Th

3/25/2016 Friday Visited IRC



35<sup>th</sup> ANNUAL SYMPOSIUM ON  
**SEA TURTLE**  
BIOLOGY AND CONSERVATION  
DALAMAN - SAMBERANG - HALU OROGEO - KUALA BERANG  
18-24 APRIL 2015

KASSIDY BATES KAHALA  
KMB1801@iolani.org  
ZOE CLARKE

3

Movie

Jerome  
TaylortH@gmail.com

61

# TAHITI

EASTER Sunday  
3/27/2016

26 MARCH - 3 APRIL  
SAT. 2016 SUNDAY

8 AM Easter Sunday 3/27 PM - Helicopter to Tetiaroa  
Monday 3/28 " night ①

Tues. 3/29 " night ②

Wed. 3/30 A.M. Plane to Papeete - Ferry to Moorea  
Thurs. 3/31 Inter Continental night ③

Friday 4/1 Ferry 1:15 PM Papeete to Raiatea  
AM Oponohu Archaeology  
Friday Night Tiare Tahiti Hotel

SAT. 4/2 TO QUOTE VALLEY VIA PAEA  
Rouillet Dinner Papeete - HA482 11:30 PM

Sunday 4/3 5:30 AM LAND HNL



# Florida black bear popu

*The 60 percent rise was tallied before a controversial hunt*

By Jennifer Kay  
Associated Press

MIAMI >> Black bears in Florida surged by 60 percent over 14 years to 4,350 last summer, new data showed last week, providing what wildlife officials said were plenty of animals for the state's controversial bear hunt last October.

Florida black bears dwin-

dled to just a few hundred in the 1970s but have rebounded under protections, while continued development has put them on a collision course with people. Wildlife officials cite increasing attacks, car accidents and nuisance calls involving bears, and this week spent eight hours removing a black bear from a southwestern Florida school.

State officials approved the first bear hunt in 20 years for October, prompting protests at the time over management of one of Flori-

da's largest predators. Wildlife authorities argued that bears had become abundant, although that was before results of the most recent survey were released.

Game officials ended the hunt early when harvest limits in some hunting areas were quickly exceeded. In all, 304 bears were killed.

No decision has been made on whether to continue allowing the hunting of Florida black bears, but data collected in the summer before the October hunt indicate the statewide

## lation balloons to 4,350

HS-A

3/27/2016

population totaled 4,350 adult bears, said Thomas Eason, director of habitat and species conservation for the Florida Fish and Wildlife Conservation Commission.

Population surveys that began in 2014 were completed using hair samples collected from lures set for bears over 11 million acres. The new total reflects a 60 percent increase over roughly 2,700 estimated in 2002, Eason said.

With about 2,000 Florida bear cubs born each year, and even though roughly

half those cubs won't survive, the population has been increasing, Eason said. "Populations are strong and robust and growing," he said.

Animal advocates who protested the hunt have petitioned the U.S. Fish and Wildlife Service to extend federal protections to Florida black bears, saying the harvest, urban sprawl and collisions with vehicles threaten the animals' long-term survival.

While it's good news that Florida's bear population is

growing, human population growth and habitat fragmentation still leave them vulnerable, Jacki Lopez of the Center for Biological Diversity said in an email.

Florida black bears are a subspecies of American black bears, which are hunted in 32 states.

Earlier this month federal officials said the population of Louisiana black bears, another subspecies, had recovered enough to no longer need protecting as an endangered or threatened species.

VULNERABLE =

~~WEDNESDAY~~ 4/6/16 1030AM TALKED TO PETER (63)

~~sent~~ ~~need~~ ~~Witchey~~

~~sent~~ ~~need~~

Bowen Paper  
PAPA - Genetics

~~sent~~ ~~need~~

PHOTOS TO Cecile/Peter ~~sent~~ ~~need~~  
Tetrahodon MARLIA TRACK MAPS

Vie  
STABILE  
TEMANA

~~sent~~ SUZANNA cv Peter TO Peter

Fiji BINA  
MARAMA

Cecile PCR + Sequence  
Peter MAKE SENSE OF IT ALL.



4/6/2016

Wed. TO ANAHOHU - 7AM J.P. Low tide

1-2 AM on site

"40-50 Turtles near narrow

and just outside; TISUE'S Farms

360° Reception hence

180° or 90° OK?

River Access RAYAKS

Cable Receiver TO Rocks? Wedge in Rocks?

Receiver Lay on Bottom - ? - Some silt over it ok?

How have other projects 'done' it?

Need Summary of STANDINGS ANAHOHU surf and sea  
ECHO

Check "WhatsApp" (messaging) + FACEBOOK new see web site

XEROX - 13cm spurt  
Send PDF to Cecile  
Trusts Comment  
GO DAY

SHOPEI

Story TO XX

NEEDS

Midpoint (need plan) POOR COURAGE

Goal to convert to Tahiti after East Taiwan

MOP PUNDED TO ASUKA

RAWA C.ie. genetics

Express opinions CONTRARY TO Gov  
W/O FEAR  
Denise = Tetiaroa maps

my testimony personal from personal email  
to BRUCE Anderson

ASUKA SUZANNE P. Fiji Reports

MAY 6

US ANNOTATION DATE ? =

There's really no science argument about the biological recovery of the HGST, rather the struggle is over bio-politics, fed power and money from Washington, agencies 5-year SCRUTINY MONITORING here there everywhere

THE DECISION  
BAD INTERPRETATION  
and GOALS

Best most complete science

"wasn't used" or ecologically used food sources  
BASK & POSTING  
"A PROFESSIONAL LIFETIME =  
SoH banned commercial half a Century

Biological perspective

"Negative Spin - See the Bad in Everything!"

What more Research is there to do  
- If things (Sea level rise) that bad, then should be ENDANGERED

The thinking process

Go out and talk to people on the street.

Third Need

4) 5) 6)

able RE SRT return

Rule effect

Third Meeting of PSAC - WPRFMC

7 APRIL 2016 Thursday

(67)

Sec 5  
Milani Geo, Carl  
RAPPORT Template

/ LAST MEETING MAY 27-28 2015 - 6 recommendations =

- 1) Research priorities presentation by ERIC KINGMA: (20% deep, 100% shallow observer coverage)
- 2) GT proposed rule endorsed by Council letter INTO PAT LATER
- 3) ESA Consultation

Josh DeMello - Insular Fisheries Talk, 142 vessels

ASUKA Council Prot. Sp. Activities: catch triggered deterrent device for false killer whale bycatch.

Annual Report

MARKING 1996 - TIME LINE -

MARY WUNDERLICH - CONSULTATIONS  
Kampachi Farms

Green Turtle Dredging - Consultations  
APE CUMULATION

PAT OPATH - presentation

NARRATIVE w/ PVA Listings 1) Corals 2) GST R FINAL

Rule RE SR information

8 Threatened, 3 Endangered (2, 1 & 9)  
7 includes BONIN Treated Species

Ann. Samoa

Rule effective 30 days =

Same as day before Rule MAY 6

CRITICAL Habitat Team intervention

Members (Affiliation)	
George Balazs	(NMFS Pacific Islands Fisheries Science Center)
Milani Chaloupka	(Ecological Modelling Services)
Erin Oleson	(NMFS Pacific Islands Fisheries Science Center)
David Hyrenbach	(Hawaii Pacific University)
Carl Meyer	(Hawaii Institute of Marine Biology)
Sam Kahng	(Hawaii Pacific University)
Jim Lynch	(K&L Gates)
Clay Tam	(Advisory Panel Representative)
Lyn McNutt	(Advisory Panel Representative) ASUKA

Courage to speak out against injustice  
 betrayal POOR (Flawed) Decision Making.

Humpback Whales 4/7/2016 Thursday Day 1 (69)

PAT - Hawaii - DeBisting & JA

Nominated but not recommended

NAME NAMES:

MTSG Team was named By NAME

MANTA Roy - Reef one found ALL Hawaii  
GIANT MANTA only BIG ISLAND  
No Medal of commendation so maybe not as good as could have been.

Lynch - Call in WALK THROUGH  
"The Agency Considered" BASIS - Hawaii  
Pot - CAN'T explain better than the  
Rule itself Read - Extinction Risk

2018 3 page  
SATV  
SRT vs BAT

"unfortunate that's how it works"

↓ BAYMANT PEEL Decision/FINAL

"well founded" finding investments  
(science) decisions & Reasonable program  
Research & Biology More into we can get  
into Ecology/ Decision Based on FACTS = Core

SPATIAL

Need to get MORE research

"Sharks are the new turtles"

★ NEED NAMES

Vertical purple notes on the right margin, including "PAT" and "JA".

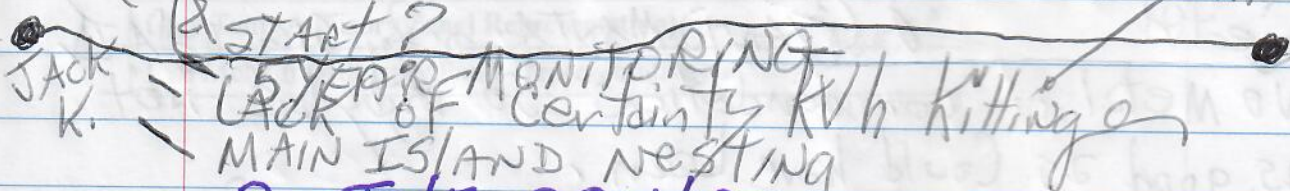
RE TAHITI

16 miles = 26 km PK

1 mile HR > 16 HRS  
1.6 km HR

Need lodging at 8 miles & 16 miles

question - how far does Area boundary extend & start?



POSITIVE SPINS

- Shorter time to AFR / Faster Somatic Growth
- FP Decline / Regression
- Long term continuing Population Growth
- MINIMAL if any IMPACT of FP on Pop. Growth
- PVA
- 2014 high nesting year on Record - Recent year increases.

Cut year off at 1999  
more work to be done yet to return  
was not time

Density Dependence of Foraging pastures AT CARRYING CAPACITY

- EXPANDED USE OF Food sources
- Double EAST NUMBERS = FFS ALL
- MOST nesting is in the Remote ISOLATED END of Hawaiian Chain - Natural protection
- Foraging nesting HI Archipelago separated ISOLATED - ALL life cycle under single JURISDICTION
- NATURALLY occurring SINKING of NW HI END
- TOTAL ESTIMATED POPULATION number

Bred  
5A  
Davi  
1140  
Luna  
(24  
p  
NOTE  
Betw  
Flu  
on the

ASL  
ER  
8  
Rue



Break then 4/7/2016 THURSDAY PSAC DAY 1 (71)

5A & B ASUKA review fishery Ecosystem Plan (FEP) Annual report PART 1

"A TOOL TO MANAGE better our fisheries"

11:40 Lunch (2:40 pm) degree of uncertainty. Bulk - fishery DATA Component.

Russell ITO Int. Fisher<sup>es</sup> Center presentation on landing data

12:50 pm - ASUKA review Protected Species section of FEP LL stuff today - HLL shallow swordfish

Note Beth Flint here AM Samoa - Albacore target. Deepset TUNA

ITS - Incidental Take Statement; PBR - Marine Mammals on the "OBSERVER WEB SITE"

Turtles: hardcap C.C. D.C.

green & olive due to happened in fishery (choops) would double. New RAISED 34 = 17 + 16 = 26 = since 2012

Policy Vets Regulation ASUKA = deepset change at D.C. Benson et al

Juveniles in Perfect Storm catch area leatherback watch paper

ERIC Gilman - present - Risk factors seabirds.

Rue bycatch - ASUKA

1991

\* Need EMAIL

SAM - refer in 2 weeks

need SAM - KARAPA DATING of Reef

ANALYZE

- download from Receiver model
- on-line instructions - SPEC in EMAIL folder

"put a confidence interval around the data points"

"Creel Survey"

"Glean" = PALOLO Collection in SAMOA

\* Need Commercial Turtles V.H. Kittinger TO Sam K. 2014 Devon TO PSAE STRANDING

Sam - Kitholo very intensive sampling of Non-Com. fishery

"TR2W" Venco Receiver

need FFS gra in Be

\* Boston Whales - late Summer

EMAIL KIM Carl Ray

send CARL DAVID POSTER ABST

FFS EAST

Lowest years (under 100) Reverse Chronology: 1998

1991 (just over 100)

8 APRIL 2016

9AM

Friday

"if there was a better understanding of spatial dynamics of leatherbacks" - CARL  
next Carl - oceanic white tips, not much known basic biology.

"DASHBOARD EXECUTIVE Summary" - Milani

PAUL DALZIELL = sharks - MANY Reviews

CARL - increase the pace of research.

ASUKA - non longline protected species

JOSH - INSULAR Fisheries - Summary of relevant data

SAM - turtle every hole 'walk along shoreline'; know people accidentally spearing turtles in flipper.

"no good deed goes unpunished" - clay TAM

ANNE Marie Science

3,500 years ago - Sam Fletcher reef KAPAPA reef

"By Consensus"

Forwarded message

From: honu world <itsahonuworlدينhawaii@hotmail.com>

Date: Sun, Apr 10, 2016 at 10:50 PM

Subject: [CTURTLE] Guest Editorial & Final USA Rule on the Hawaiian Green Turtle

To: CTURTLE@lists.ufl.edu

Submitted to Cturtle Sunday April 2016 2250h:

Dear Cturtlers- For an informative update on contrasting viewpoints, please click and read the link below, then take a few minutes to read the Editorial (pasted below) from a recent issue of Marine Turtle Newsletter. I fully concur with the Bennetts' puzzlement about conservation decision-making policies under the USA Endangered Species Act (ESA). To quote the Bennetts "something is drastically wrong with the ESA system." At least in this case I fully concur and share their bewilderment. However, the Bennett's perspective, and my perspective, have a major difference worth noting,- the Bennetts have 25 years of observing and documenting Hawaii's green turtles to base their conclusions. I have 50 years. Noting further that the 25 years I have known the Bennetts and the rigor of their observations have been among the very best of the 50.

As you might imagine, these are not easy things to be saying publicly and globally about this decision making. But they do need to be spoken in the interests of honesty of viewpoint, history, and for the benefit of marine turtle scientists, managers, and conservationists of the future.

Sincerely, George H. Balazs, Member (since 1976) Oceania Region, IUCN Marine Turtle Specialist Group

[http://www.nmfs.noaa.gov/mediacenter/2016/04\\_April/05\\_04\\_greenturtlefinalrule.html](http://www.nmfs.noaa.gov/mediacenter/2016/04_April/05_04_greenturtlefinalrule.html)

## Marine Turtle Newsletter

Marine Turtle Newsletter 148:1-2, © 2016

### Guest Editorial: Comments on the Identification and Proposed Listing of Eleven Distinct Population Segments of Green Sea Turtles (*Chelonia mydas*)

**Peter Bennett & Ursula Keuper-Bennett**

24 Reid Drive, Unit 3, Mississauga, Ontario LM5 2A6 Canada (E-mail: [honu@turtles.org](mailto:honu@turtles.org))

In early 2015, the Fish and Wildlife Service (FWS) and the NOAA-National Marine Fisheries Service (NMFS), which are the two federal agencies responsible for sea turtle protection and management in the US, proposed changing the way that green sea turtles are listed in the US Endangered Species Act. Part of the proposal includes listing the Central North Pacific population segment, which includes Hawaiian green turtles, as Threatened. We have spent 25 years observing and documenting the Hawaiian green turtle, (honu) population of Honokowai, West Maui. Over that span, we spent more than 100 24-hour days underwater with the honu, accumulating over 750 hours of video and 8-10,000 pictures. In 1995, we published the first ever marine turtle website at <<http://www.turtles.org>>, and for almost 15 years it remained the top search result for "turtle." We

developed a  
Annual Symp  
we presentec  
(Bennett et a  
and our exper  
about de-listi

"Our a  
numbe  
then v  
such a  
human  
forcec

Over the yea  
State of Haw  
protections v  
spectacular  
become so p  
reached carr  
fewer honu r  
diminishing s  
at least in pa  
the wisdom o  
Hawaiian tur  
Hawaiian gre  
(<http://www>  
ESA, somet  
listing on the  
Frigate Sho  
the honu wo  
As the word  
simply finds  
against de-li  
comments,  
dearly as an  
documents  
<<http://feder>

"By Conservation"

developed a system for identifying individuals and used it to compile a database for over 750 turtles. At the 19th Annual Symposium on Sea Turtle Biology and Conservation, held on South Padre Island, Texas, in March 1999, we presented a summary of our work, showing that many honu spontaneously recovered from the disease (Bennett *et al.* 2000). In 2008, the University of Hawaii Press published our book about the Hawaiian green turtle and our experiences with them (Bennett & Keuper-Bennett 2008). In it, on page 125 we expressed our feelings about de-listing the honu:

"Our affection for the honu means that of course we don't want to see them hunted. If, however, their numbers have recovered to the point where a regulated harvest would not threaten the overall population, then we find it hard to oppose. Our objections would be strictly emotional, not scientific. We'd insist that such a hunt be strictly controlled and that safeguards be put in place to prevent hunting in areas where human contact has acclimated the turtles. If these conditions met, we wouldn't like the idea, but we'd be forced to accept it."

Over the years, we have always been pleased and impressed by the protection extended to the honu by first, the State of Hawaii, and later by the US government through the Endangered Species Act. The intent of the protections was to allow the honu population to recover its numbers. The fact that these measures resulted in a spectacular recovery speaks to their effectiveness and the diligence of their administration. The honu have become so plentiful that, regardless of the truth, it is easy to see why people conclude that some reefs have reached carrying capacity. In our area (West Maui) the honu have begun feeding throughout the day. We count fewer honu resting on the reef, and our snorkel/dive surveys have found that the foragers are competing for a diminishing supply of food. It is tempting to reason that this is happening throughout the Islands, thus explaining at least in part the increase of reports of daytime foraging along the shorelines. We therefore find it puzzling that the wisdom of the conservation policies is undermined by a concerted effort to deny the final step: de-listing the Hawaiian turtle. In 2012, the Marine Turtle Specialist Group of the IUCN concluded an assessment of the Hawaiian green turtle and pronounced it a species of Least Concern, which is the lowest threat rating possible (<<http://www.iucnredlist.org/details/16285718/0>>). If the honu can have this status and still be listed under the ESA, something is drastically wrong with the ESA system. There have been attempts to justify continuing the listing on the basis of rising sea levels and potential loss of the primary honu nesting beaches in the French Frigate Shoals. This theory requires a belief that faced with the complete loss of the East Island nesting beach, the honu would stop nesting - despite an abundance of suitable beaches throughout the Hawaiian archipelago. As the wonderful story of Turtle 5690 illustrates (Balazs *et al.* 2004), a turtle who can't return to her natal beach simply finds another, in this case on the busiest beach in Lahaina, Maui. If this is the strongest argument against de-listing that opponents can bring, there is no choice but to de-list the honu. In reviewing other comments, we have also noticed many appeals to the heart rather than the science. While we love the honu as dearly as anyone, we would like to point out that FWS has already responded to such comments. In the official documents describing the delisting of the gray wolf (*Canis lupus*) in the Western Great Lakes (see <<http://federalregister.gov/a/2011-32825>>), the following is provided by the FWS:

(7) Comment: A number of comments expressed opposition to delisting, making statements such as "wolves should always be protected" by the Act and "why do wolves have to be delisted."

Our Response: The Act provides the Federal Government with authority to protect and recover threatened and endangered species. When a species has been recovered to the extent that it no longer meets the definition of "threatened" or "endangered," the Act provides that it should be removed from the Federal List of Endangered and Threatened Wildlife and Plants and its management be returned to the appropriate States and tribes (in cases where treaties identify such authorities for tribes). The goal of the Act is to recover listed species and then to delist them when they no longer qualify as threatened or endangered, thereby allowing the Service to focus its efforts on the many other species that do qualify as threatened and endangered. The WGL gray wolf DPS no longer meets the definition of a threatened or endangered species, as it has achieved long-standing recovery criteria by greatly expanding in numbers and geographic range and threats to its long-term viability have been reduced or eliminated. Therefore, the Act requires delisting the species, but it also requires that we continue to monitor the status of the species for a minimum of 5 years after delisting, and we can list it again if the monitoring results show that to be necessary.

BALAZS, G.H., G.L. NAKAI, S. HAU, M.J. GRADY & W.G. GILMARTIN. 2004. Year 2000 nesting of a captive-reared Hawaiian green turtle tagged and released as a yearling. In: Coyne, M.S. & R.D. Clark (Comps.). Proceedings of the 21st Annual Symposium on Sea Turtle Biology and Conservation. NOAA Tech Memo NMFS-SEFSC-528. pp. 100-102.

BENNETT, P.A. & U. KEUPER-BENNETT, U. 2008. The Book of Honu: Enjoying and Learning about Hawaii's Sea Turtles. University of Hawaii Press: Honolulu, Hawaii. 152pp.

BENNETT, P., U. KEUPER-BENNETT & G.H. BALAZS. 2000. Photographic evidence for the regression of fibropapillomas afflicting green turtles at Honokowai, Maui, in the Hawaiian Islands. In: Kalb, H.J. & T. Wibbels (Comps.). Proceedings of the 19th Annual Symposium on Sea Turtle Biology and Conservation. NOAA Tech Memo NMFS-SEFSC-443. pp. 37-39.