

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

2 of 3

126 LIMA ISLS 36 3/6/2016
 caliber.
 YUCCA APRIL 2016
 COMPOSITION BOOK
 26 MARCH - 3 APRIL 2016
 TAHITI-TETIAROA-MOOREA
 KAPOHO 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
 KAPOHO
 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)

4/12/2016 TRAINING WORKPLACE CONFLICT & VIOLENCE

1Pm -

DARLENE FORD

"2.8 Hours 40% dealing w/ conflict"

"IG"

unbundle - get to the core of problems.

withholding information } contrary policy
isolating } to NOAA of being inclusive

TUES
8A
TO
11:52am

So

"
Unbe
and
(

"Te

Faci
A
A



Natalie B. Huff

Program Director for EEO and Diversity
Office of the Assistant Administrator for Fisheries

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
1315 East West Highway
Room 14554
Silver Spring, Maryland 20910

Tel: (301) 427-8025
Fax: (301) 713-9615
Cell: (301) 461-1673
E-mail: Natalie.Huff@noaa.gov

TUES. 4/12/2016

ABLE'N CONSULTING

(79)

8AM EEO TRAINING

TO 11:52am

K-Clark@ablenconsulting.com

president

AFCO Hostile Work enviro

Writing to INSPECTOR General of Commerce

to whom & where "picture of working deaf" Sampling needs to be sent, After process

Natalie Huff

Paul Dorkemisz

Eileen Sobers

Understanding Roles, Rights and Responsibilities for EEO and Federal Employment Program Focus: 21st Century EEO in the Federal Workplace

You are who you are.

Tendency towards unconscious negative or positive prejudices about job applicants and workers - an emerging focus for HR departments

FACILITATOR: K. CLARK STEVENSON, President

ABLEN Consulting Services, LLC, PO Box 41691

ARLINGTON, VIRGINIA 22204-8691

(703) 717.9560

Depression in the workplace

13 APRIL 2016 ANAHULU KAYAKING

Wednesday

need print photos

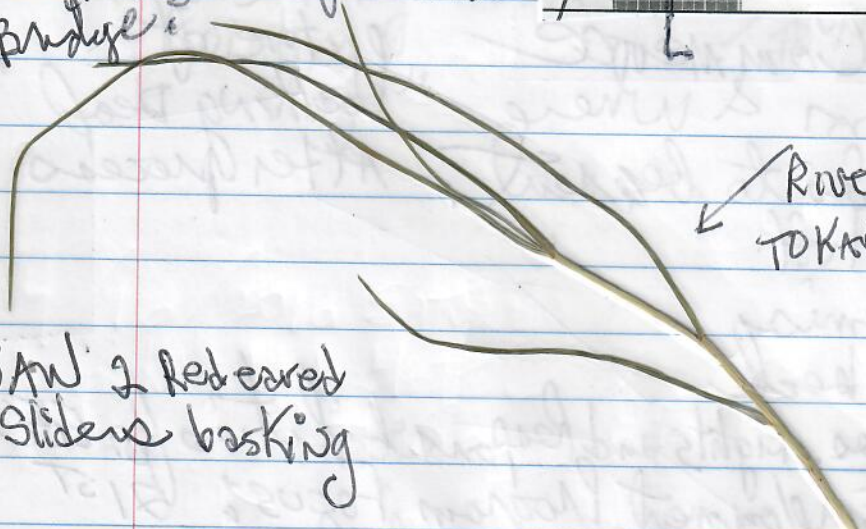
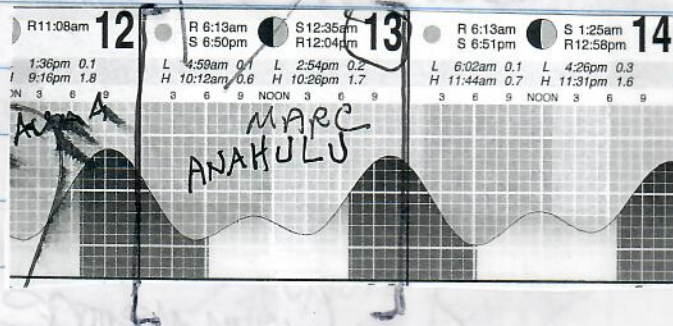
took photos

SAM

10:12am

KAYAK 11am - 1250pm
depths 2.5 - 5ft.

Deepest just before cane
bridge



River bank
TOKAELA

SAW 2 Red eared
Sliders basking

to
m
p

DANE O.

Large Hawaii Kai

(81)

Turtle Hunter - Tsunami

Content from
books on Hawaii
that discuss
turtles

It's all yours with the United MileagePlus® Explorer Card.

Free checked bag

It's all yours with the United MileagePlus® Explorer Card. Get a free checked bag for you and one for your travel companion on all United flights. [See restrictions.](#)

Priority boarding privileges

Get boarding in front of the pack on all United flights. [See restrictions.](#)

Two pre-United MileagePlus® prices

Get two pre-United MileagePlus® prices on all United flights. [See restrictions.](#)

Double miles on United flights

Get double miles on all United flights. [See restrictions.](#)

United MileagePlus® Explorer Card is a United MileagePlus® card. It is not a bank card. It is not a credit card. It is not a debit card. It is not a gift card. It is not a check card. It is not a money order. It is not a cashier's check. It is not a bank check. It is not a bank draft. It is not a bank order. It is not a bank receipt. It is not a bank statement. It is not a bank document. It is not a bank record. It is not a bank report. It is not a bank form. It is not a bank document. It is not a bank record. It is not a bank report. It is not a bank form.

For additional details and to apply, please visit www.UnitedMileagePlus.com

United MileagePlus® Explorer Card is a United MileagePlus® card. It is not a bank card. It is not a credit card. It is not a debit card. It is not a gift card. It is not a check card. It is not a money order. It is not a cashier's check. It is not a bank check. It is not a bank draft. It is not a bank order. It is not a bank receipt. It is not a bank statement. It is not a bank document. It is not a bank record. It is not a bank report. It is not a bank form. It is not a bank document. It is not a bank record. It is not a bank report. It is not a bank form.

United MileagePlus® Explorer Card is a United MileagePlus® card. It is not a bank card. It is not a credit card. It is not a debit card. It is not a gift card. It is not a check card. It is not a money order. It is not a cashier's check. It is not a bank check. It is not a bank draft. It is not a bank order. It is not a bank receipt. It is not a bank statement. It is not a bank document. It is not a bank record. It is not a bank report. It is not a bank form.

8) REINSTALLED WINDOWS 7

George Balazs

4:08 pm

4/14/16

683-8402

Windows 7 reinstall & disable auto update

Back up Pictures, & videos & documents,

\$159 24 hour.

EMAIL-

Power cable & Lenovo window serial ✓

✓

CELL-

Received by Kevin

Need
Review of
Contemporary
Books on Hawaiian
Turtles
That discuss
Turtles

SUN
935A

4/16/2016 SATURDAY

KAHU

KAHALA HOTEL

1 ♂ 1 ♀ 4-year old

Released from SeaLife Park captive breeding

UNITED

TSAF

Premier Access

UNITED

TSA Pre✓

Premier Access

BALAZS/GEORGEN

UA * * * * * Gold, UA*G

Honolulu to San Francisco

UA1575

GATE

BOARDING BEGINS

SEAT

HNL-SFO 8

10:47 PM

19D

THU 28 APR 2016

Gate May Change

Boarding Ends: 11:22 PM

Flight Departs: 11:37 PM

Flight Arrives: 7:40 AM

Confirmation: G5PK1J

eTicket 81624851970324

Added to Upgrade Sta.

4/28
UA
AMER
DAIS

Sunset 6:30 PM

KAPOHO

LAST KAPOHO 10/2014

(83)

9:35 AM HA TO HILO

18-22 APRIL 2016
Monday Friday

24 Captures (1 heavily TMR - TO Honolulu)
 (10 Recaptures
 14 Newly Tagged) \rightarrow RANGE
 40.6 cm SCL / 21 lbs -
 73.6 cm SCL / 131 lbs

N=22 PCV samples TO TW 4/22/2016 PM

? 2001 Taggings / recaptures from EARLY years
 1 of 24 w/ FP Ever Honohulu PCV 10 by TW
 1 entanglement rescue

All in good body condition appearance.

4/19 HAMAUMA

Need Amazon from "INVASION from Mars"

4/20/2016 OCCA VALLEY

LATE Thursday night

VA

29 APRIL -

3 MAY 2016

Tues day 11:50 PM from PS

AMERICAN TOURISTER
DAISY CARRIER

Visit TO JOHN AT ASSISTED LIVING Lodge INGLETSIDE LODGE

84 were GET
TURTLES TOGETHER

FORWARD BY GEORGE BALAZS:

Decades of research and dozens of science publications have provided USEFUL INSIGHT INTO THE TUMOR-FORMING DISEASE KNOWN AS FIBROPAPILLOMATOSIS

NO BUT A BETT ORDER OF T

(FP) AFFECTING PRIMARILY GREEN TURTLES. YET THE CAUSE, ^{(PROFESQUE) (DREADED)} CURVE AND MANNER OF TRANSMISSION, ^(OFF THIS AFFLICTION) REMAINS SUBSTANTIALLY UNRESOLVED. THE LEADING ETIOLOGICAL CANDIDATE IS ^(SEAWATER-BORN) AN ALPHA HERPES VIRUS BUT HOW AND WHERE IS IT SPREAD, AND UNDER WHAT CONDITIONS? THE

ANSWERS TO DATE ^(THE PAST) REMAIN ^(FOR TWO DECADES) AMBIGUOUS, ^(THESE) DEFLUSIVE AND ^(THESE) INCONCLUSIVE. BUT ^(THESE) MIGHT ^(THESE) IMPORTANT INFORMATION ^(THESE) BE AVAILABLE

information have been available in plain sight for the past two decades have gone unnoticed or ignored? In 1995 METER BENNETT AND URSULA KEUPER-BENNETT COMPOSED THE FOLLOWING

ESSAY ^(ASTUTE) BASED ON EIGHT SUMMERS OF ^(ASTUTE) METICULOUS UNDERWATER OBSERVATIONS [AND PHOTOGRAPHY] OF GREEN TURTLES OFF WEST MAUI IN THE HAWAIIAN ISLANDS. THEIR ^(PREMINENTLY) ESSAY WAS POSTED ^(WHERE) WHERE IT REMAINS TODAY ON THE WORLD'S FIRST WEB SITE DEVOTED EXCLUSIVELY TO SEA TURTLES (WWW.TURTLES.ORG)

When see the Haw

TURTLE TRAX

twith

NO SOLUTIONS
BUT HAVE
A BETTER
UNDERSTANDING
OF THE ISSUES,

PARTITION
and ANALYZE
EXPOSITION
OF INTERLINKED PARTS

WITH THIS publication in the
MTN THERE IS ASSURED
A PLACE IN THE HISTORICAL
ARCHIVED FOR THIS WORK
TO BE TAKEN INTO ACCOUNT
BY RESEARCHERS OF THE FUTURE

PARSIMONIOUS reasoning
LOGIC CAREFUL THINKING

All who want
protection
forever
will be in
FAVOR.
BUT IS THAT
ETERNAL
PROTECTION THE
OBJECTIVE OF
THE ESA
AND THE
SEA TURTLE
CONSERVATION
COMMUNITY?
MAYBE IT IS
BY CONGRESS
USA
AND BY CONSENSUS
VOTE OF
ALL THOSE
READING THIS
LIST SERVER

When the essay was written FP disease
seemed to signify to many of us
the ^{imminent} ^{eventual} biological collapse of the
Hawaiian green turtle population. Such worries,
while fully justified at the time, have ^{happily} failed to
come true and likely never will. [↑] Indeed,
historically two of the world's most
FP-afflicted green turtle populations (Hawaii
and Florida) have ^{consistently} ^{long-term} shown ^{impressive} phenomenal growth
throughout to the present day. This fact
^{adds} ^{gives} ^{lends} ^{added} additional credibility to the
Bennett's observations and parsimonious
reasoning. That is, the spread of
FP is promoted in dense green ^{densities}
turtle populations, and deterred by ^{lower} less density.

No

Having spent the past 45 years of professional life working with the heartbreak of FP in Hawaii, I am acutely aware that many others share these emotional and science concerns for the health of the seas. [and the survival of sea turtles]

4/26
THES
24/27
with
t

DRAFT
strat
Th
DON

Congratulations ^(and Aloha) to the Marine Turtle Newsletter for insuring a place in the published literature so [for] the Bennett's observational findings and parsimonious reasoning can be taken into account by researchers [and] of the future.

THESIS
Sem

4/26/2016 THESIS DEFENSE OCEANIC INSTITUTE
TUESDAY net Calcification and

1 PM vertical accretion rates of
the NWTL's keeping pace
with rising sea level
Carbon Chem

Wimp
Fred
McKenzie
movement funded
CRYSTAL HAWKEL
SINCE 1973

integrated island
platform
"net Calcium carbonate
secretion & loss"

20.61 mm/yr
SUBAERIAL

QUESTIONS:
SAND on limestone
ACCRETION?
for VERTICAL
SKIP FLETCHER?

TW
JP
JW

4/26
THES
24/27 Wed

ACAN
HONG
No turtles
being seen
at
Hanama'i

"FIJI MARKET"
DAVE'S MARKET
RAHUKU

(87)

Four just month

K Bay

Price Jones
WACLACE
green PARE

DRAFT ASIA

Quarterly

DRIVE AROUND
WEST HI SITE VISIT

Strategic
The Bank

ASK
Jeff
SAL

spread sheet
China/USA

FFS BASK
EAST COUNTS

Crystal.henket.ms@gmail.com

Don-

Need
Hollings

Means Admin. and
Teamwork
MTBXP PSD

4/26/16
Tuesday
MESIS Seminar
Island Accretion
COPPER
Is Area km² X Island Density kg
km³ X Ayr

Is. Density x Bulk Is. Density

16.5 cm/sec

current FF

Strong Mid-Archipelago wet Corification
signal!

6.9 mm/yr Vertical
Accretion RATE

MINUS Carbon Export of IS. Platform 25% total = 5.2

Sea level rise projections ~3 mm 1993-2003
and 2003

FFS 2.5 mm/yr 1993-2003

"next couple
years"

How FAR
INTO THE FUTURE
DOES ONE
WORRY?

88
 2018
 Referendum
 Nickel
 NC
 Global
 2010

TO KATSUKI
 OKI
 AMAMI TAM 2639
 6/24

PACKAGE
 1 65426 N=1

#Telonics
 674716

TOTAL
 sent

New Caledonia
 84K KAWAKS
 71K others
 Nickel
 Crash

Re: 6 tags

1 message

package 2 5/2016
 N=5

Denise Parker - NOAA Affiliate <denise.parker@noaa.gov>
 To: George Balazs - NOAA Federal <george.balazs@noaa.gov>

50152
 52701
 53754
 57152
 65418
 65426

674714A
 674712A
 674794A
 674793A
 674713A
 674716A

PACKAGE
 1
 5/2016
 N=1

See p. 1

FISI TRIP

what

- Other Fiji in locker
- Metal TAGS
- City Mill Epoxy
- DEBORAH SUE / Michelle Boyle
- MACADAMIA Candy Gift
- Mosquito Repel / kids books

N=5 TAGS
 OKI, 5/10/2016

OKI-Sam
 5/17/2016
 1 TAG

HONOLULU
 USPS AOLELE ST RM 208C
 HONOLULU HI 96825-9998
 1424110017
 05/07/2016 (800)275-3777 11:42 AM

USPS Customs Form
 HAWAII KAI
 7040 HAWAII KAI DR
 HONOLULU HI
 96825-9998
 1424110017
 05/07/2016 (800)275-3777 11:24 AM
 Product Description: First-Class Int'l
 Sale Qty: 1
 Final Price: \$22.75
 (International)

ASPECTS
"ECOLOGICAL [ADAPTATIONS] OF A
HIGHLY ADAPTIVE GREEN TURTLE FORAGING
AGGREGATION IN HAWAII

X "ECOLOGY OF NOVEL GREEN TURTLE FORAGING STANDINGS
AGGREGATIONS AT HANAUMA BAY AND KAWAINUI CANAL IN THE
HAWAIIAN ISLANDS"
ECOLOGICAL AND CONSERVATION OF A

HIGHLY ADAPTIVE GREEN TURTLE
FORAGING AGGREGATION IN HAWAII,
2001 - 2016

Hanauma = 1990, Kawainui = ?

X "ECOLOGY AND SOMATIC GROWTH OF A
HIGHLY ADAPTIVE GREEN TURTLE
FORAGING AGGREGATION IN HAWAII"

Ecological
Aspects

Hanauma and Kawainui
residential

ECOLOGY OF TWO TWO FORAGING PASTURE
"DEMOGRAPHICALLY MATCHED FORAGING AGGREGATIONS
OF GREEN TURTLES IN HAWAII" DISDAIN

"But what if..."

"EMOTIONAL POLITICAL
CONNECTIVES"

Stubborn & passionate.
More foraging
Drawing a line in the sand
Stood like a rock
Water on a granite boulder
Wearing away
Perpetuating
Resilient and recovered
Hawaiian people have shown themselves
just as the
preserving a dynamic culture
to be
over the approx
same
time 1970s
to the present

I speak for those that
chose not to speak

Lance BOOKLESS - DIANE DRIGOT

"^{N=12} Movements of
[TRACKING] Captive-Bred Green Turtles
set free [from the] [Island of Hawaii]"
Hawaii"

"Green turtle Migrations in the
Hawaiian Archipelago: pathways
between their ^{Principal} primary (mid-point) breeding
colony and home range foraging
pasture"

* Ecology of two NOVEL Green ^{sea} turtle Aggregations
in the Hawaiian Islands: Hanalei Bay
and Kawaiwi Canal [1990-2016]"

5/4 (2016 Wednesday)

(91)

10AM - ¹¹³⁰AM CRITICAL HABITAT C

PART. CODE 4888269

ROB - ^{AM.} Samoa

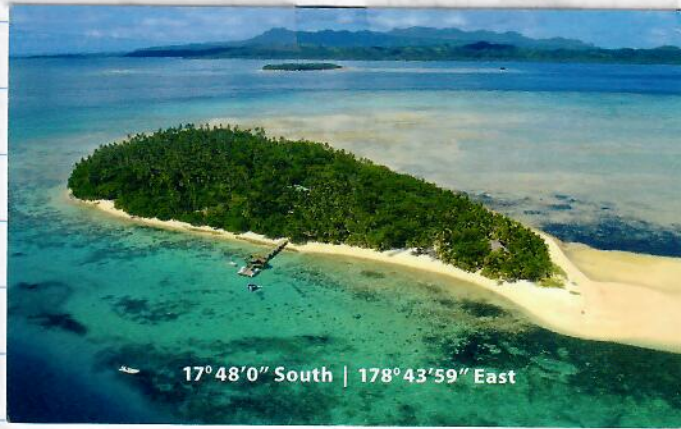
1-866-564-2991

CH - to 50M (?)

- jennifer.schultz@noaa.gov - organi
- todd.jones@noaa.gov
- summer.martin@noaa.gov
- annmarie_lauritsen@fws.gov
- george.balazs@noaa.gov
- jean_pan@fws.gov
- Mark MacDonald
- gregory_koob@fws.gov
- jeff.adams@noaa.gov
- patrick.opay@noaa.gov
- robert.oconner@noaa.gov
- joy_browning@fws.gov
- randy.mcintosh@noaa.gov

check Steamperul Harbor Street
 into WAGO groves KALAKO A
 FIJI
 16-24 MAY 2016
 w/ TW & Abele

- Monday
- 5/16 Grand Melanesian NAMAKA
- 5/17 TO TREASURE
- 5/18) BACK TO NAMAKA
- 5/19 TO MANA from DENARU
- 5/20 BACK TO DENARU - TAXI TO SIGATOKU DUNES TO SUVA
- 5/21 SATURDAY) SUNSET APARTMENTS TO LEVALELE
- 5/22 SUNDAY
- 5/23 MONDAY) SUNSET APARTMENTS TALK AT USP
- 5/24 TUESDAY TAXI BACK TO NADI Kings Highway, NAMAKA
- DEPART VIA CHRISTMAS IS. FIJI AIRWAYS.



over

TW Seminar

TITLE: "GRIM Reapers a calling" * **STUDENTS** PhD vet

Wildlife in the Pacific
Thierry M. Work
USGS-NWHC-HFS
300 Ala Moana Blvd. Room 8-132, Honolulu, HI 96850, USA
tel: 808 792-9520; Cell: 808 554-6490; Fax: 808 792-9596; Email: thierry_work@usgs.gov

Inouye
Kellen G. B.

PhD work

- (a) Professional Preparation *chelone*
 - Texas A&M University Entomology B.S. 1983
 - University of California, Davis Entomology M.S. 1985
 - University of California, Davis Veterinary Medicine DVM 1988
 - University of California, Davis Epidemiology MPVM 1990

1992-7 10
2002-7 10
2002-7 4
2016
going 5 years

- (b) Appointments
 - 1992-present Project leader, US Geological Survey, National Wildlife Health Center, Honolulu Field Station.
 - 1989-91 Wildlife Veterinarian, California Fish & Game

(c) 5 Recent Relevant Publications (N=127)

127 CHINA USA
ST W.G.
FPS Summit
Steery
Committee

de Deus Santos M, Martins AS, Baptiste G, Work TM (2015) Health condition of juvenile Chelonia mydas related to fibropapillomatosis in southeast Brazil. Dis Aquat Org 115:193-201

Harris HS, Benson SR, James MC, Martin KJ, Stacy BA, Daoust P-Y, Rist PM, Work TM, Balazs GH, Seminoff JA (2016) Validation of ultrasound as a noninvasive tool to measure subcutaneous fat depth in leatherback sea turtles (dermochelys coriacea). J Zoo Wildl Med 47:275-279

Work TM, Balazs GH, Summers TM, Hapdei JR, Tagarino AR (2015) Causes of mortality in green turtles from Hawaii and the insular Pacific exclusive of fibropapillomatosis. Dis Aquat Org 115:103-110

"Send to Heaven study to Hell"

Work TM, Dagenais J, Balazs GH, Schettle N, Ackermann M (2014) Dynamics of virus shedding and in-situ confirmation of chelonid herpesvirus 5 in Hawaiian green turtles with fibropapillomatosis. Vet Pathol 52:1195-1220

Work TM, Dagenais J, Breeden R, Schneemann A, Sung J, Hew B, Balazs GH, Berestecky JM (2015) Green turtles (Chelonia mydas) have novel asymmetrical antibodies. J Immunol. 195:5452-5456.

- (e) Synergistic Activities
 - Collaborative research on diseases of terrestrial and marine wildlife in the Pacific Basin and overseas. Service to the conservation community includes providing technical assistance and training on elucidating mortalities of wild endangered and endemic marine and terrestrial birds, reptiles, mammals, and marine fish and invertebrates from Hawaii, Samoa, Tahiti, Costa Rica, Mexico, Papua New Guinea.

and Fiji

Jim
WALK THROUGH

STACY
EX Summary 8/8 occupy

5/31/2016

USCG

8:15 AM HST RIVERSIDE

KATHARON
MS
TO Pdt
CISTS

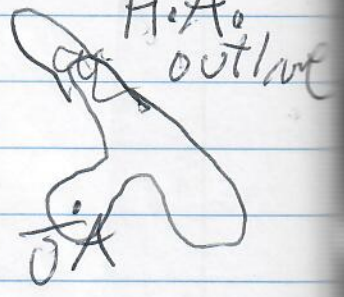
39.7 GB MAIL

"GRG" FOLDER

6/1/2016 EU paper Resulting
no. papers INTRODUCED
T.W.
Wednesday TW Script 2 PM
GRIM Respon H.A. outline

Amazon.com
Vegetatio

Agent chat on environment
EN



X2

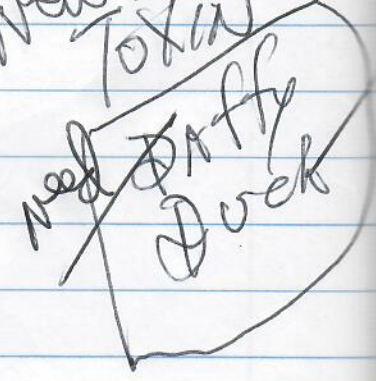
1 PP Green Twitter
2 PP in Hawaii

80% of speck by 20% of turtles

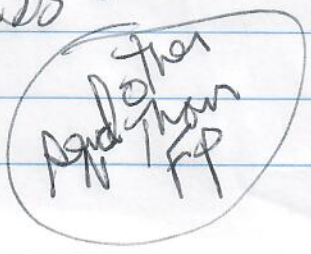
Puffers attacking turtles?

New marine toxin

"Library of Tissues"



CORALLINE ALGAE



"Senior
see
Turtle Scientist"

95

turtles up. 1 New turtle. 0 Nests. 43 baskers. Full night coverage.
turtles up. 1 new turtle. 0 nests. 34 baskers. Full night coverage.
turtles up. 2 new turtles. 0 nests. 41 baskers. Full night coverage.
at 1930 and 0330. Very windy out.
turtles up. 0 new turtles. 2 nests. 61 baskers. full night coverage.
turtles up. 4 new turtles. 1 nest, 1 "maybe". 53 basker. full night

of the week: MT ID# 34 that came up on 5-31-16 was a turtle that Kerry
d on Trig Island on 5-26-16. MT ID# 37 had four metal tags and we thought
be cool to know her history (Tag #'s U983, I681, LHF; G241, I681, LFL;
1, RHF; U984, I681, RLF; 4136186B46, PIT, RHF; 4135696707, PIT, LHF). We
a male on East with a previous metal tag: (B274, I681, LFL that would be
now the history on.

forward to our call tomorrow! Talk to you at 10am.

~~Jrey~~
~~Rene~~
~~Watt~~

R 341

10 AM FFS
Telecon Thurs.
6/2/2016
STATEMENT



Karen Kim Fruin



October 28, 1972
January 21, 2016

In Remembrance

You can shed tears that they are gone

Or you can smile because they lived.

You can close your eyes and pray that they'll come back,
or you can open your eyes and see all they've left.

Your heart can be empty because you can't see them
Or you can be full of the love you shared.

You can turn your back on tomorrow and live yesterday
Or you can be happy for tomorrow because of yesterday.

You can remember them and only that they've gone
Or you can cherish their memory and let it live on.

You can cry and close your mind,
Be empty and turn your back
Or you can do what they'd want -
Smile, open your eyes, love and go on.

Anonymous

Found in a Galway church, in honor of All Souls Day.

Tom
WALK through

STACY
Sun 8/8 noon

(96)

6-6-2016

9 AM TO North Shore
Haleiwa JOES - formerly

Monday -

Haleiwa Hotel, Brick Gates, Joy Browning &
Joanne Pettigrew. ANA HOW shallow bay off
river entrance. Two Turtles Sibudu H turned
around didn't go out. AT ALII low tide no
Turtles no tiger shark, TO PAPAIOA Right of
Way - walked to right to DIANES where
2005 (or 06?) Turtle nested one year after BOSCO
died. TO Caniaka short stay, then TO
Alligator Rock (Photos) Right of Way. TRACKS on
one basket.

6
We
Amazon
Vegetation

6/7/2016
Tuesday

9 AM TO Bellows - Joy, Craig, 4+ interns
2 g.t. west site
One nothing (used Back Hoe) excavation
2nd photos of
doubt and develop
TO IRC Freezer.

Beach Morning Glory?

Puff
u
C
COP

Craig Gorsuch, LEED, AP
Environmental Program Manager
BELLOWS AIR FORCE STATION



Center for Environmental Management
of Military Lands

Det 2, 18 FSS/CEE, Contractor
515 Tinker Road
Waimānalo, HI 96795-1903
Phone: 808.259.4213 ; FAX: 808.259.4227; Cell: 808.927.1867
craig.gorsuch.ctr@us.af.mil; www.bellowsafs.com

3-part Retirement

6/7/2016
TUESDAY

FERS - Fed. Retirement Benefits 1030 -

Retirement SCD - Go to PP Bennett's Statement

Annuity estimate

Leave w/o pay ^{no more than} 6 months, in any calendar year.

6/9/2016 1030 -
Thursday

FERS part 2
Benefits

Best day to retire? ^{LAST DAY OF MONTH} *

Survivor Benefits end of calendar year

DEC. 31 PAY OUT
of A/L *

e. OPK

Fegli - Benefits only Will

nothing ELSE
TSP web or TSP3 FAX form or Mail

Designation. ThriftLINE - Do you have design
create in place? & who owned

BENEFITS BOX

ESTIMATE FROM Agency - Summary of Service

6/14/2016
Tuesday
Federal Insurance

1030 KM

JAMES MARSHALL
Fed. Benefits specialist
National Institute of
Transition Planning

FEHB

6/8/2016 PISFS INTRANET
 200pm
 Todd click on publications
 upload SIS

6/9/16 12 NOON Todd Jeff CHINA/USA call
 JOHN ME
 Thurs
 Conference
 call MTABP - covering all Travel + ceiling
 Ce more connectivity
 PRC USA
 FLAGS - Edch slide
 Acknowledgments LID YAMIN WANG
 YEM
 Jeff " JOINT CHINA-USA Sea Turtle Research
 PAST - Present - Future "

6/9/2016 PSD ALL HANDS August
 Thursday Todd 7 Aug PSD Acting 15 & Summer
 TO INDONESIA

6/18 Thursday FFS call - 64 Bagher
 25 Term
 935 EAS
 males now tagged
 NT up to 57
 6/9 - up New 49

4	2	49
10	3	
6	0	
5	0	
6	1	
5	2	

JIM
ALLISON
IPY

CancerCenter.com (99)

IMMUNE

6/20/16

<500 Robert O'Connell poster in
JI Phantom Anchoring in
UAV KBTy

+ Gopro Hero # <300 Coral Damage
ROE OWNER
@ Hawaii.edu

LN/PAUL
IRELAND

INcomplete
note
6/2016

+ PETS

"Animal Husbandry, Hunting
For Food or Sport, AND Keeping animals in
ZOOs OR AQUARIA for educational display. ALL
NECESSITATE RESPONSIBILITIES by
the people conducting these activities.
HUMANS, AS THE DOMINANT TECHNOLOGICAL SPECIES
AND TOP PREDATORS ON EARTH, HAVE IN RECENT
DECADES BEEN INCREASINGLY EXPECTED TO
TREAT ANIMALS UNDER THEIR CONTROL HUMANELY
AND WITH DIGNITY. ANIMAL RIGHTS MOVEMENT
HAS BEEN EFFECTIVE IN INFLUENCING
PUBLIC OPINION.

PERFORM
GOAL - A GOOD PRESENTATION by THE Turtle Handler(s) TO
ELICIT MAXIMUM FAVORABLE ACCEPTANCE BY THE OBSERVERS
PLAY ACTORS IN A STAGE PRESENTATION.

"Achieve the objective in HANDLING WITH THE
LEAST VISIBLE AND AUDIBLE DISCOMFORT TO THE
TURTLE, WITH THE BEST POSSIBLE APPEARANCE
TO THE OBSERVERS TO ELICIT A POSITIVE
PERCEPTION"

Standa
Always
6/2
TUE

Sunday MON TUES Wed

19-22 JUNE 2016

"Presentation" by YY

(101)

- WATATSUKI, ^{FIRST NAME} MOTOKI FROM AQUARIUM DISPLAY TO ETHANASIA "DEAD"
- KANAKO, SAKAMOTO 22

Perception VS Humane Biologically Correct
take video tricks WELFARE CARE
TECHNIQUES BY BALAZS

Different Standards Different PLACES/CULTURES
PAIN DISCOMFORT - IACC
INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

^{color} SHADE towels, pillows, carriers, Rubber Turtle
^{longs} Need Colorful BAND AIDE
Turtle Smock; Procedures ^{Blood} Biopsy etc

- EXPLAIN - tell what you will do.
- TALK TO THE TURTLE
- ASK IF THERE ARE QUESTIONS

Actors Actress Presenting
A "PLAY" TO AN AUDIENCE
(The Public) TO MAKE THEM HAPPY.

Sunday
Monday
6/19 10AM AIRPORT PICKUP TO Queen KAPIOLANI
6/20 10AM - ~ 3PM PALI LOOKOUT, KAWAINDI KAILUA
2 PPM LUNCH/DISCUSSIONS
6/21/2016
TUESDAY 9AM - TO ALI, JAKHOS ANDREYS, LINAKEA
ANAHUHU ENTRANCE - 2PM SLP.

wednesday
22 June 2016

ARRIVE 8 A.M. ALAMO TO ^{need}
Mauka Lani - Pii, DAVID Choi, ^{demo}
Grouper culture - 2 TO MAUKA LANI

need
THAN

HAWAIIAN AIRLINES
BOARDING PASS

NAME OF PASSENGER
BALAZS/GEORGE

HA 115219970
FROM HONOLULU
TO KONA

HAWAIIAN AIRLINES

CARRIER FLIGHT CLASS DATE TIME
HA 118 G 22JUN705A

GATE BOARDING TIME SEAT SMOKE
56 625A 9E NO

ZONE 3

ELECTRONIC
4DD /HNL

HAWAIIAN AIRLINES
BOARDING PASS

NAME OF PASSENGER
BALAZS/GEORGE

HA 115219970
FROM KONA
TO HONOLULU

HAWAIIAN AIRLINES

CARRIER FLIGHT CLASS DATE TIME
HA 507 G 22JUN609P

GATE BOARDING TIME SEAT SMOKE
10 539P 13B NO

ZONE 3

ELECTRONIC
4LL /HNL

See photos

26 Puako Beach Rd.
- Captives (new
- RECAPS)

F
AS
6/

S

G

6/2
M

Need
THANKS

THURSDAY

CARRIE &
OLIVIA

103

23 JUNE 2016 (FFS CALL) 10AM ~ 1030AM

First night back to East. Treacherous - Shouldn't

AS of LAST NIGHT

6/22 6 up 3 new 18 baskets

N = 64 Moto Tool for 40 nights

Swamp
from
FISH

11 days stuck
ON EAST

BACK
NOW Today

Temple
Tickets?

6 eggs
Term-nested
"out
generally"
UNTOGETHER

5am last walk?

Gekko? pickup 02-26 AUGUST

seed mark

All
stopped

post-handling
death

6/23 Coral Reef

TOBI #392 PATRIS & COLIN

SW.PATRIS@GMAIL.COM

MR. WAO & BAO

6/28/2016 Tuesday 1030 AM Retire
FINANCIAL PLANNING I

GOAL - WORK IS OPTIONAL

Home - Taxes, heating, utilities

NURSING = Medicare if BROKE

HOMES EXEMPT ∴ Joint NOT Good
TAX ISSUES owner

Debt - Ruining people's retirement

ARE CREDIT CARDS Really Cancelled? check

SEMI-RET FINANCIAL Aider Abuse.

CONTINUED

KIDS ~~credit~~ Credit Card Debt.

6/28

PI TA H > 15%
Principal Interest
Taxes A

Fedex KAPOTTO
SHIPPED TO
RON KARLA
6/28/16

Benefits class - calculate Pension
SS check + Pension

+ ~~HARR~~ Thrift +

"Didn't pay off enough debt" - #1 Reason
DON'T RETIRE FERS ANNUITY

7/12/2016 Tuesday Retirement
FINANCIAL PLANNING #2 of 3 PART #2 10:30 AM
How much PENSION? MONTHLY

7/19/2016 TUESDAY

FINANCIAL PLANNING 3 of 3
Session #1 of 2
7/26/16 "ESTATE PLANNING FOR FEDERAL EMPLOYEES"

"The government's default plan"
Today "LIFETIME PLAN" 2 Documents needed

NOT GUARDIANSHIP

1) Power of Attorney POA
Gov FINANCIAL TSP website

Yucca Home
Joint Asset

2) Health Care Directives
STATE GOV. website

Do not get a "LIVING WILL"

7/27 ESTATE PLANNING #2 - 3 wealth passing method

1) JOINT PROPERTY

"JOINT PROPERTY w/ rights of Survivorship"

TITLE with anyone - form of ownership
overrides will

Friday
6/24/2016
DINNER

105



佐久本 可奈子 Kanako Sakumoto

〒904-0313

539-3 Owan Yomitan villege Okinawa
Japan

+81-90-1944-0807



若月 元樹 ^{Tsuki} Motoki Wakatsuki
〒907-1311

136 Kuroshimasiroyagi OKINWA JAPAN
+81-90-2501-6545

"LifeEstate" in
your will =
Hold for A TRUST
Benefit on
someone else's

- FEGLI
- Pension (FERS)
- TSP Need forms
Get from OPM
or HR Agency (you)
"TPOD" BANK ACCOUNT



NPO 法人日本ウミガメ協議会 付属 黒島研究所
Sea Turtle Association of Japan

研究員
Researcher

若月 元樹

Wakatsuki, Motoki

〒907-1311 沖縄県竹富町黒島 136
136 Kuroshima Taketomi-cho Okinawa Japan
Tel. 0980-85-4341
E-mail. kurosimsiroyagi@yahoo.co.jp

Need
Contingent Beneficiary
TSP Beneficiary forms

6/20/2016 Received
ID 88054
Telonia 674791
YARD 6/24 duty cycle

LC881731407US

88054 ID

HAWAII KAI
7010 HAWAII KAI DR
HONOLULU HI
96325-9908
1424110017
(800)275-8777 9:05 AM

Please send my office
(R.O.C.) My agency
My Agency. 海洋國家

TO YARD

24, Damin Rd., Nanzih District, Kaohsiung City 811, Taiwan
Park Headquarters.
Park Headquarters.



Academia Sinica
Research Center for Biodiversity

TIGP-MBAS
Jia-Ho Shiu
PhD candidate

128 Academia Road, Section 2,
Nankang, Taipei 11529, Taiwan
+886-2-2789-2814 | jiasr18@gmail.com



Academia Sinica
Biodiversity Research Center

Mush Room

Shan-Hua Yang PhD

+886-2-2789-2814 | mushroom0512@gmail.com
128 Academia Road, Section 2, Nankang, Taipei 11529, Taiwan

7/27 Estate Planning #2 NORM
Go to Qualified Estate Planner Ask for Fee Structure
Based on Complexity # 2000-4000.

Feed
Email
Send

7/6
Mil

6/27/2016 Lunch ZIPPYS

(10)

Shia Jia Ho
Jia-Ho Shia 許嘉合
jiasr18@gmail.com

Rec'd
Emails
Sent

Yang Shan Hua
Shan-Hua Yang 楊珊樺
mushroom 0512@gmail.com

Yang Sung Yin
Sung-Yin Yang 楊松穎
likeyh@gmail.com

Pi Xiu
魏猷

Wednesday
7/13/2016
Milani & Stacy Skype

LC894945922US
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 **BALAZS** First **GEORGE**
 Business **ARARE**

Address **192-A AWAANAWA PL**
 City **HONOLULU HI** State **HI** ZIP+4® **96825**

Telephone/Fax or Email **808-683-8402**

To: Addressee's Last Name **TERIIAIA, TARITA-TUMI** First
 Business

Address **2345 98703**
 City **PUNAVAI** State/Province **PUNAAHIA** Post Code

Country **AKITI FRE** Telephone/Fax or Email **ESIA**

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

Thursday
30 JUNE - 6 JULY 2016
 (15AM) ARRIVE HNL 3:15 PM

TAIWAN

Friday 0101
 7/1 ARRIVE 0430AM

8:30AM BREAKFAST
 NOVOTEL TAOYUAN AIRPORT
 SONGSAN UNIPAIR → TAITUNG

HOTEL JILIH TAITUNG
 Night of 7/1 FRIDAY 7/2 SAT. 7/3 SUN.
 7/4 Monday 7/5 TUES. 7/6 Wed.

TAIPEI GRAND HOTEL
 7/1 Friday TAITUNG - WALK IN TOWN. BLUE CHICKEN
 OCEAN FRONT - MOTH HUMMING BIRD. DRAGON FLY

7/2 Saturday Ferry TO Green I. 50MIN
 RENTAL CAR AROUND DINNER GRASS BEES

7/3 Sunday TAXI TO PORT - DOLPHIN WATCH TOUR

7/4 Monday TAXI TO ABORIGINAL VILLAGES / FISH PROCESSING

7/5 TUES. TRAIN RIDE THROUGH MOUNTAINS
 7PM FLIGHT TAITUNG TO TAIPEI

DINNER AT TAIPEI GRAND RM 812

7/6 wed. KUANDU MAZU TEMPLE + STONE ELEPHANTS
 11PM 0102 TO HONOLULU

June Accomplishments:

Collaborated with Denise to revision/rewrite portions of FFS satellite tracking manuscript using 1992-2014 historical dataset.

Published as co-author in Royal Society Briscoe et al. (including Balazs and Parker) "Active dispersal of *Caretta caretta* over the last 100 years in the North Pacific."

Successful accomplishment of Katharine Clukey Master Thesis "Assessment of plastic ingestion by pelagic turtles" (culmination of 2 years of involvement academic mentoring); Successful accomplishment of Susan Piacenza PhD Dissertation "Quantitative tools for green turtle assessments" (culmination of 3 years of involvement academic mentoring).

July Accomplishment Goals

- Finalize FFS tracking manuscript to the stage for review by T.Todd.
- Finalize satellite tracking China/USA Strategic Plan
- Finalize edits for issuance of FP Summit Proceedings TM.

PROVIDING HISTORICAL PERSPECTIVES AND ADVICE - ADMINISTRATIVE AND BIOLOGICAL

NIG
 7
 TH
 NEW
 TAGG
 ALREAD
 TAGG
 7
 7
 DENI

NIGHTS = 49; N = 74 NESTERS

* Need THAVE

109

7/7/2016 10AM FFS call

Thursday 74 (27 new 47 already tagged) + BAR STACY

* MILANI

Newly Tagged 81.7 - 95.1 SCL nesters
750 21 ♀ BASKERS

DATA Loggers in nests

ALREADY Tagged 5 - 40-60 cm BASKERS - sex UNKNOWN

85.2 - 105 cm SCL nesters

7/7/2016 LUNCH Subway w Todd

Thursday ANAHLU proposal TAGS show Todd

Call Carl Meyer
Number Allowed in Permit.

7/8/2016 10 AM MTBAP Meeting * Need BUG BOX (NON BOIL) SKELETON PAPERS

Denise - 2002-2009 MAUNA LANI W. HAWAII

WWF Indonesia recent STRANDINGS

KAWAINUI TEAM * LAST OF JULY

INTERIM July 18 presentation Small purchases ASUKA

EMAIL DONNA BROWN

Need Theses Swedish

JOHN / JIM

7/14 FFS Call - 76 nesters; sat tagged seen Thursday 10 AM at PH by Monk Seal people. The following week = 81

Friday
22-24 July 2016
KAWAALOHA MOLOKAI

MAIL TO LIL - EPOXY

PLYWOOD
ACE HARDWARE 48" x 96"

END OF BOX [CONTAINMENT]

SAW MAKE BOX 47" x 29" x 28"

SAT TAGS / DUCT TAPE / HANDLES

WIPES

ID 71913 MAILED 7/23/2016
7/23/2016 deployed

FOLDING

ID 68335 Luggage
CARGO Deployed 7/22/2016
LATE NIGHT

1/4" Ply
BOX 45" Long
27" wide

PLASTIC SHEET
Shower Curtain

GLOVES

RH

EXISTING PIT 47ø B 22ø A 6.1

RM SKIN O

BIOPSY TAKEN

NEW 8990 INCOREL RH

DENISE
541-961-8355

STACY
305-781-7453

SANTAPPA

LIL MACMILLAN
2460 KAMEHAMEHA II HWY
KAWAALOHA HI 96748

Blue Moon

PH 2131

PH 2133

Rizza
ARACELI
SALINAS

Romy
TRONO

111

Pawikan Conservation Project

Gangkou #1 Tag0052
Song et al. 2002

Huidong Gangkou
Native Reserve

DENR office
MANILA

BOARDING PASS

NAME OF PASSENGER
BALAZS/GEORGE H
HA 115219970

FROM HONOLULU
TO MOLOKAI HOOLEHUA
HAWAIIAN AIRLINES

CARRIER FLIGHT CLASS DATE TIME
614 Y 22JUL107P

GATE BOARDING TIME SEAT SMOKE
1227P 12D NO

ZONE 3

ELECTRONIC

BOARDING PASS

NAME OF PASSENGER
BALAZS/GEORGE H
HA 115219970

FROM HONOLULU
TO MOLOKAI HOOLEHUA
HAWAIIAN AIRLINES

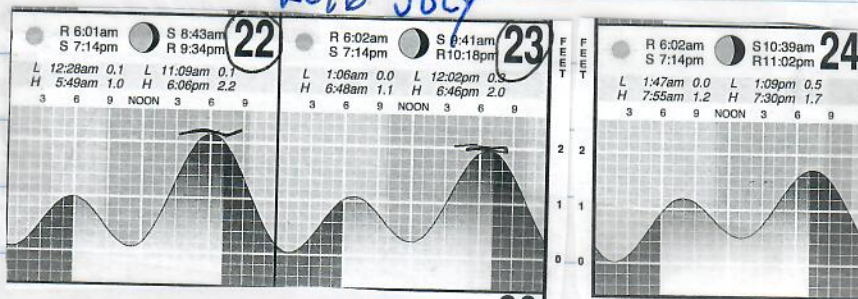
CARRIER FLIGHT CLASS DATE TIME
615 Y 24JUL240P

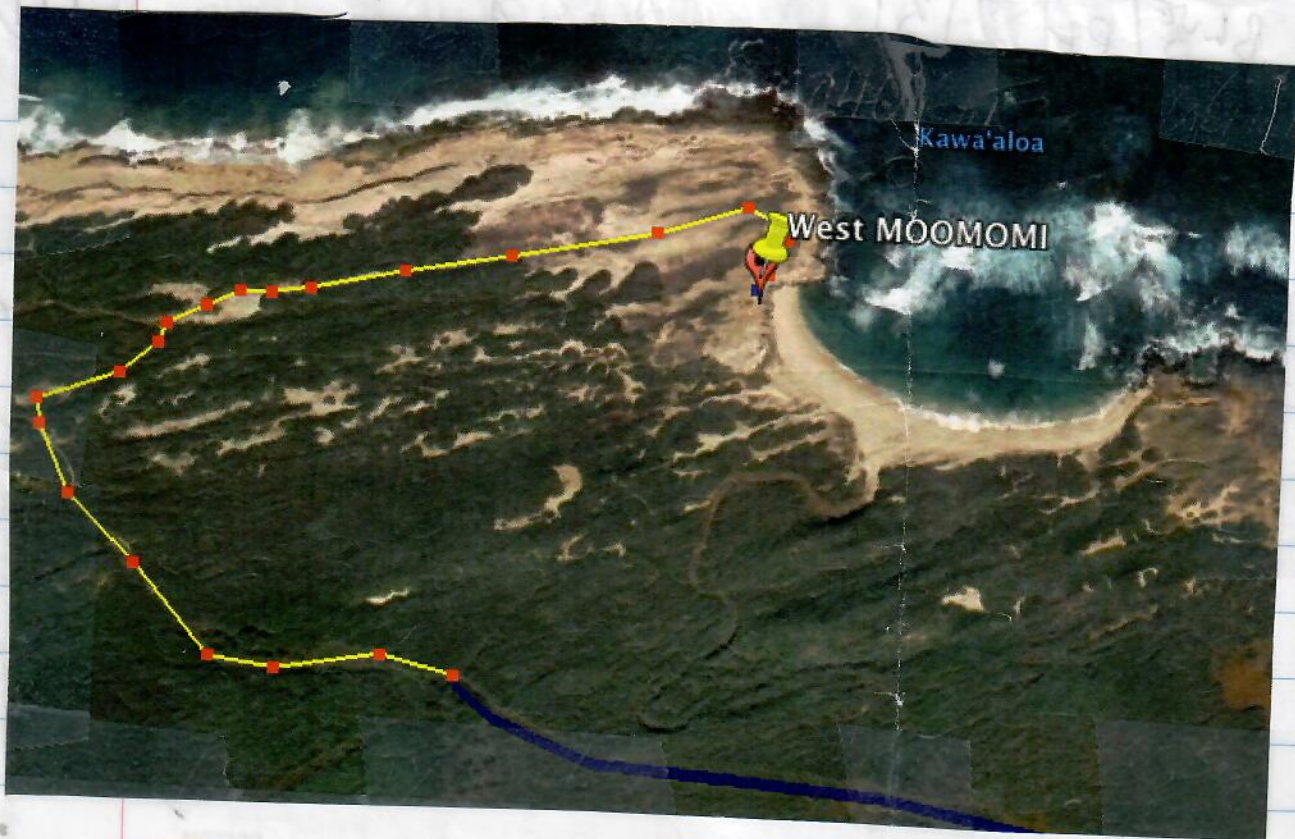
GATE BOARDING TIME SEAT SMOKE
2 142P 7B NC

ADDITIONAL SEAT INFORMATION
ZONE 3

ELECTRONIC

2016 July





TURTLE ID:
SPECIES:
TAGS:
470B220A6

DATE
14-Jun-07
28-Jun-07
27-Jun-14
11-Jul-14
13-Jul-14
24-Jul-14
17-Aug-14

TURTLE ID:
SPECIES:
TAGS:
470A0E3A
470B2C12
83H, I681,

DATE

11-Jun-0
13-Jun-0
14-Jun-0
25-Jun-0
8-Jul-07
29-Jun-1
12-Jul-1
13-Jul-1
25-Jul-1
26-Jul-1

Tools:

Drill Driver (batteries X 2), deck screws for box
drills, drivers
Knife
Pliers
screw drivers
tape measure
PIT Tags
Head Lamps (extra batteries)

Rain Gear (rain coat, umbrella, poncho)
Warm pants, shirt/jacket for night
Hat/sunglasses/sunscreen
Still Camera
Measuring tape
back pack
binoculars

TURTLE ID: 470B220A61
SPECIES: CM
TAGS:
470B220A61, PIT, RHF, 6/14/07

ARCOS ID 68335

DATE	EVENT TYPE	ACTIVITY	ISLAND	SCL (cm)	CCL (cm)
14-Jun-07	Nesting	M	EAST	85	91.2
28-Jun-07	Nesting	N	EAST	-	-
27-Jun-14	Nesting	M	EAST	85.9	-
11-Jul-14	Nesting	X	EAST	-	-
13-Jul-14	Nesting	C	EAST	-	-
24-Jul-14	Nesting	X	EAST	-	-
17-Aug-14	Nesting	P	EAST	-	91.9

DESCRIPTION
 No metal tags. LHF 1/2 missing and healed.
 Injured LHF, no PIT present.
 Missing at least 50% LHF. Southwest T5.
 Southwest Small T (mid).
 T3.
 -
 North Tombs. No metal tags.

TURTLE ID: 470B2C1265
SPECIES: CM
TAGS:
470A0E3A34, PIT, RHF, 6/11/07
470B2C1265, PIT, LHF, 6/11/07
83H, I681, LHF, 7/13/12

NIGHT BASKER 7/23/2016 KAWA'ALOHA

DATE	EVENT TYPE	ACTIV	ISL	SCL (cm)	CCL (cm)
11-Jun-07	Nesting	C	E	-	-
13-Jun-07	Nesting	X	E	92.3	97.5
14-Jun-07	Nesting	X	E	-	-
25-Jun-07	Nesting	N	E	-	-
8-Jul-07	Nesting	M	E	-	-
29-Jun-12	Nesting	M	E	92.7	98.3
12-Jul-12	Nesting	M	E	-	-
13-Jul-12	Nesting	M	E	-	-
25-Jul-12	Nesting	X	E	-	-
26-Jul-12	Nesting	M	E	-	-

DESCRIPTION
 Mototool 132.
 3 x 2cm tear out of LHF. 5 x 2cm tear out of RHF. No metal tags.
 Mototool 132.
 Mototool 132. GPS waypoint 551.
 Re-checked and confirmed tags; Mototool 132.
 No metal tags.

7/22/2016 KAWA'ALO A NIGHT BASKER
MOLOKAI
ARGOS ID 68335 TAM 2640 SAT TAG ATTACHED
CCL-91.5 CCW-85.0

EXISTING RH PIT TAG 470 B 220 A 61
~~NEW~~ NEW: 8990 RH (LH 2/3 missing/healed)

7/23/2016 KAWA'ALO A NIGHT BASKER MOLOKAI
ARGOS ID 71913 TAM 2640 SAT TAG ATTACHED,
CCL-87.0cm CCW-86.0cm

NO EXISTING TAGS
NEW: 8991 LH 8993 RH
6/24 DUTY CYCLE. NO NEW PIT TAGS
INSERTED

7/22/16 Adult Male BASKER KAWA'ALO A, MOLOKAI
NIGHT EXISTING PIT ~~NOT 265~~
2330h

7/23/16 Adult Female BASKER KAWA'ALO A, MOLOKAI
NIGHT EXISTING RH-470 A 0 E 3 A 34 correct
2103h LH-470 B 2 C 1 2 6 5

7/22
7/23
9
7

2850

GC's
Kurt

(115)

7/26/2016
7/28

Tues:

CRITICAL Habitat GUAM

Thursday Critical Habitat CNMI

9 AUGUST 2016 ANAHULU (wide channel)
1015am/1145am

TUESDAY CARL MEYER meeting alongside

GEAR - 1/4" chain C-clamps 2 each

Electrical TAPE - 8 ROLLS 619 ^{PLASTIC} TIE WRAPS

8 TO MAAC 1 outside 7 IN RIVER

ROPE

SHACKLES

PLATE BOX

JP Monitor

Rivergul

GOTO POP

Kate 8/9/201 Re EMMA Reference
Collison DOFA

call

223-0459 - KATE

Date: January 8, 2017 (9:00-12:00 and 13:30-17:00)

Workshop: Marine Wildlife Ecology and Conservation

139

XIAMEN

Organizers:

Min Liu (Professor of Xiamen University, Co-chair of the IUCN Sciaenidae Red List Authority)

George Balazs (Co-chair of the Oceania Region of the IUCN Marine Turtle Specialist Group)

Thierry Work (Co-chair of the Oceania Region of the IUCN Marine Turtle Specialist Group)

Five marine turtles (Loggerhead sea turtle *Caretta caretta*, Green sea turtle *Chelonia mydas*, Leatherback sea turtle *Dermochelys coriacea*, Hawksbill sea turtle *Eretmochelys imbricate*, Olive ridley sea turtle *Lepidochelys olivacea*) and Chinese white dolphin or Indo-Pacific hump-backed dolphin (*Sousa chinensis*) are the national protected animals in the Chinese Seas, and are deeply woven into the cultural and traditional fabric of humanity with uses ranging from food to fortune telling, and from funerary to pets. Conservation of these threatened marine animals are challenging due to our limited knowledge on their ecology and the conflict of conservation and marine exploitation.

There are two sessions in this one-day workshop, "Marine Wildlife Health and Disease" and "Marine Wildlife Ecology and Conservation". In each session, we cover training, discussion and presentation with a focus on *C. mydas* and *S. chinensis*. In particular, conservation effort on *C. mydas* in Hawaii has shown a regional population recovery of the species and led to the down listing from the "Endangered" to "Least Concern" following a comprehensive assessment by the IUCN Marine Turtle Specialist Group (see <http://www.iucnredlist.org/details/16285718/0>). Conservation practices in Hawaii can serve as a real-life learning ground for people in other regions striving to save and sustainably utilize their own charismatic and culturally important marine wildlife resources.

Confirmed speakers:

Thierry Work (Talk: Marine wildlife health and disease)

Xiyan Wang (Third Institute of Oceanography, China) (Talk: Population structure of *S. chinensis* in Xiamen water)

Wenhua Liu (Shantou University, China) (Talk: to be confirmed)

George Balazs (Talk: Marine wildlife ecology and conservation)

Min Liu (Talk: Recent green sea turtle tracking results in Chinese waters)

5/14/16

"OCEAN PATHWAYS AND RESIDENTIAL-FORAGING LOCATIONS FOR SATELLITE-TRACKED GREEN TURTLES BREEDING AT FRENCH FRIGATE SHOALS IN THE HAWAIIAN ISLANDS"

INTRODUCTION

Separation of colonial nesting beaches and disjunct residential foraging pastures is an ecological characteristic globally for populations of the herbivorous green turtle, *Chelonia mydas* (Hirth 1997). Distances of separation involve 100s to over 1000 km. The disappearance of green turtles following seasonal mating and egg laying at breeding sites prompted early researchers of the 1950s to devise and attach metal identification tags to nesting turtles (Hendrickson 1958; Carr 1967 (DP- reference here is the book So Excellent a Fish)). These pioneering steps resulted in tag resightings by fishers at an array of far away neritic foraging locations. Also, after gaps of several years, tagged turtles were seen again at the same nesting beaches. The expansive multi-national range of green turtle stocks- breeding within the jurisdiction of one country- and residing as adults and immature life stages within one or more other national boundaries- continues to be the greatest complication to effect ^{the} conservation and sustainable use.

Applying and resighting metal tags to green turtles over the years has resulted in a wealth of demographic information, e.g. Hirth 1997 and Balazs et al. 2015. However, starting in the early 1990s detailed spatial and temporal movement data, often on a daily basis, became possible with the advent of Argos satellite-linked transmitters attached to green turtles and other marine turtle species. The advancement of this technology to the sophisticated point it now exists has been referred to as the Golden Age of animal movement studies (Hayes et al. 2016).

In the 2400 km linear chain of Hawaiian Islands (Figure 1) DP please use Figure 1 here from Balazs et al. CCB 2015 demographics paper, make the present Figure 1 to be Figure 2) metal flipper tags were first applied to nesting green turtles in the 1960s thereby showing point-to-point movements from the mid-archipelago colonial breeding site of French Frigate Shoals, to coastal areas of the geologically younger islands in the southeast (Balazs 1976, Nurzia Humburg and Balazs 2014). From 1992 - 2014 the movement schedules, routes of travel, and home range of foraging destinations of green turtles undertaking these lengthy movements were investigated using satellite telemetry. Herein for the first time we report detailed results of this comprehensive tracking research conducted for more than ^{over} two decades.

NOTES for Denise:

-The Abstract may need some minor tweaking taking into account the new Introduction.

"Area" under methods line 43 your last copy should be replaced with Nesting Beaches. And this entire section should be minimized or integrated as just another sentence or three of Methods. The essential are lat long of FFS 24 N, 166 W (no need 3 place decimal) is good enough, and there that there are several small sand islands and most nesting takes place on 5 hectare East Island (Balazs et al. 2015 and Amerson 1971. all the words about miles from Honolulu length, acres, fws control tern island etc etc. to my thinking is a distraction- details not needed hence taking the reader away from the real meat of the paper.

55 >> HO
RAISE YO
Rem
Students j
to properly
honor bur
By Jayde F
and Isabel
Just a fe
the co
the rat
island of Lan
This close
island of app
3,000 people
sense of cor
Only loca
serve our is
plete absen
restaurants
means no M
Walmart an
Of the 14
in barren fie
only 30 mile
not a single
within sight
pine trees, c
are patches
traffic is a r
This sma
been referro
land Lost In
WHILE T
side seems
alarming ra
calm and se
makes it se
moves slov
walk here,
with the isl
steadfast.
However
the only th
Our past h
in time. Of
stones loca
land, appro

141

RAISE YOUR HAND

Remembering Lanai's

heritage, values

Students join an effort to properly identify and honor buried veterans

By Jayde Fernandez and Isabel Campbell



Just a few miles from the coast of Maui lies the rather secluded island of Lanai.

This close-knit, little island of approximately 3,000 people offers a unique sense of community.

Only local businesses serve our island. The complete absence of chain restaurants and megastores means no McDonald's, no Walmart and no Starbucks.

Of the 141 square miles in barren fields, there are only 30 miles of roads and not a single traffic light within sight. Our towers are pine trees, our walkways are patches of dirt, and our traffic is a row of five cars.

This small island has been referred to as "The Island Lost In Time."

WHILE THE world outside seems to spin at an alarming rate, the island's calm and serene nature makes it seem as if time moves slower. When you walk here, you walk along with the island — slow and steadfast.

However, our island isn't the only thing that is lost. Our past has also been lost in time. Of the 956 gravestones located on the island, approximately 26

belong to fallen veterans. However, half of those gravestones neither properly identify the veterans nor give them the tribute they rightfully deserve.

Historically, specifically during the Vietnam War, the bodies of fallen servicemen and veterans were returned to the island. Yet, as a result of the island's recurring economic downfalls, many residents did not have the time or money to give these individuals the proper burial they deserved. Thus, instead of names, dates or meaningful inscriptions, only coarse numbers etched in crumbling stone identify these veterans. These numbers offer little to nothing in commemorating the livelihoods, stories and memories of such courageous individuals.

Since 2008, Ms. Pat Niibu of Lanai High and Elementary School has led a project in hopes of tackling this issue. Each Veterans Day, she and a group of her stu-



Jayde Fernandez, left, and Isabel Campbell are senior and junior students, respectively, at Lanai High and Elementary School.

"Raise Your Hand," a monthly column featuring Hawaii's youth and their perspectives, appears in the Insight section on the first Sunday of each month. It is facilitated by the Center for Tomorrow's Leaders, a local nonprofit working at the high school level to engage, equip and empower Hawaii's homegrown future leaders to start making a difference now. For more, see www.CenterForTomorrowsLeaders.org.

The existing efforts to clean the graves coupled with the restoration of lost stories is an extension of the spirit of community and camaraderie.

AS RESIDENTS of Lanai, we take great pride in our intimate community where everyone is considered

family.

We are a community where everyone is more than just a familiar face: an embodiment of heritage, legacy and values of their loved ones.

Nevertheless, as a place that thrives on celebrating that heritage, failure to acknowledge an entire community of people who are no longer with us does no justice for them and for ourselves. To reinstate forgotten names is our moral obligation.

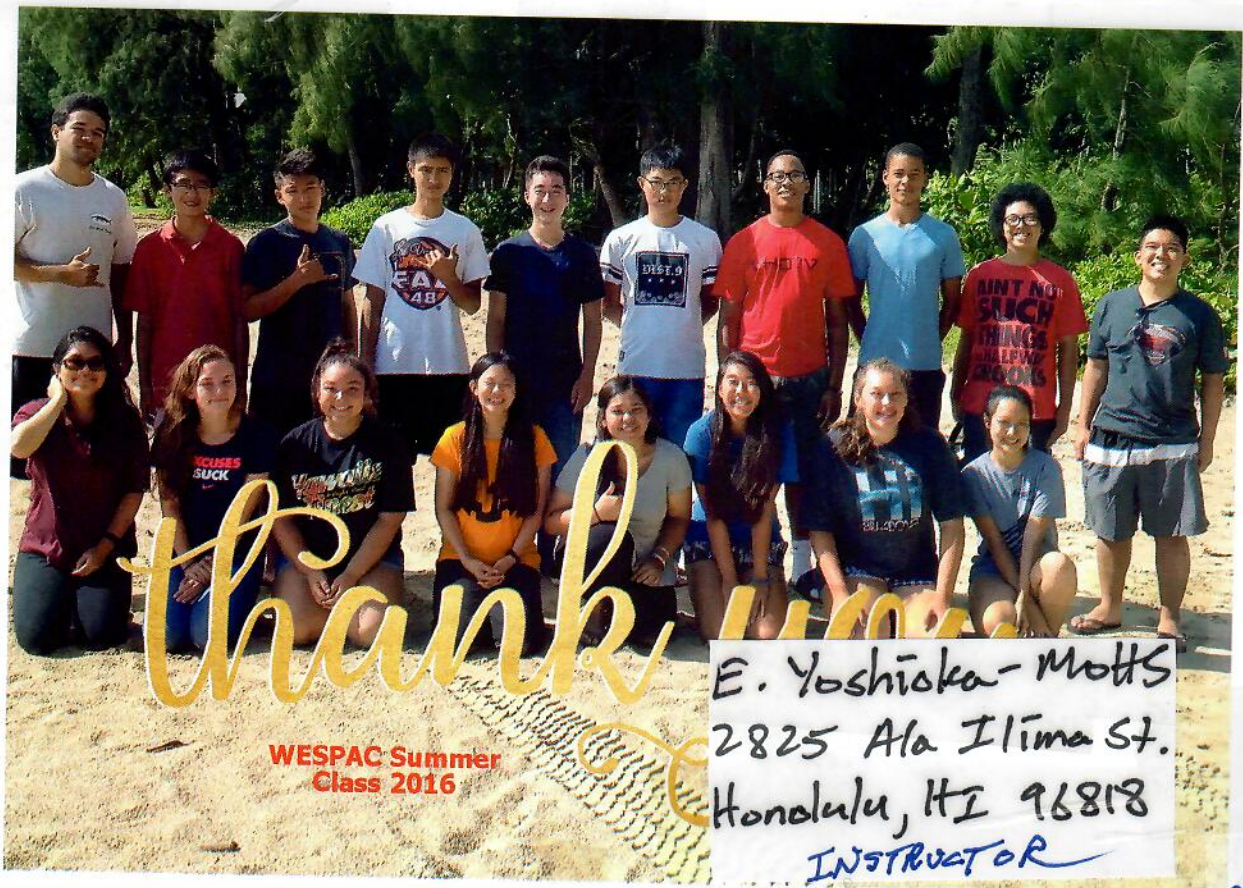
Although the island of Lanai may be symbolically lost in the greater world and in the grander scheme of things, to lose a piece of ourselves — our own history — would be more than just a grave injustice.

dents visit and clean the gravestones in the cemetery.

This year those efforts increased exponentially as we now clean every Thursday afternoon.

After being given a \$1,000 grant from the Center for Tomorrow's Leaders, the school and community are eager to complete a full restoration project, including a board with a list of the names and stories of the veterans' lives.

With renewed motivation, our participants are interviewing seniors and families to contribute to the compilation. More than three times a week, students and members of the community will go to the graveyard to maintain the stones and grounds.



WESPAC Summer Class 2016

E. Yoshioka-Motts
2825 Ala Ilima St.
Honolulu, HI 96818
INSTRUCTOR

Thank you very much for supporting our summer class this year. We recognize and appreciate how few people get to go and see a turtle necropsy and it was a shame so many people had to step out. Even weeks later some students are still talking about our trip. It would not have been the same without you and you definitely lightened the mood! I liked getting to see the turtles' anatomy and thank you for giving the class the paper on tumors in sea turtles and me the colored sea turtle necropsy manual. I hope you welcome next years class.

Sincerely,
Alys Dough