

2 of 3

JUNE 2011 - MAY 2012

Mead.

COMPOSITION
GEORGE BALAZS

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wide ruled • 09918

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Sleep Deprived

27 Oct 2011
Thursday

Day 2

2:30 pm New Panel "Euthanasia in the Field"

07 Park Service
♀ Duke ^{DAN USGS} N.C.

"General Collecting"

TALK

♀ Kim Field Biologist - intentional taking of
Replacement, Reduction, Refinement ^{Animal Life}

Question - Search of existing collections,
DAN - Euthanasia by non-vet
TRAINING

NATIVE
Americans
CULTURE
TRADITIONAL

Methods: AMDUCA / access to controlled
substances.

(ANX) Schrew-droning - fast metabolism.

AVMA - new draft ES guidelines.

- CAPTIVE WILDLIFE PANEL - 3:50 PM
^{NATIONAL WILDLIFE Research Center}

Disease
species

Using captive bred surrogates

Transport - Covered vehicle - need large wet
Blanket

• Health Considerations.

Cover w/ Breathable cloth,
SHARE BACK TO

DAN -
Electro immobilization
"Jump" on train
(turtle capture)
post-op
PAIN

* Need a new vet to be in
Training.

- Gun shot not for captive wildlife not approved
But captive BOLT?

ZOO VET
OCEAN PARK VET

DAY

3001234

PAIN &
ADDRESS

Stimulating Environment

RUTH EWING - vet SEFSC

79

5 PM

Enrichment, ~~Spot~~ Floating rope in cage, Species by Species Typing.

TALK FATE & DISPOSITION After the Study (brought from the wild).

West Nile Bird - recovered - had antibodies. AWA - held more than 12 hours - Then 2 ^{VOTING} IACUC must inspect = Field site / study site.

"Veterinary Medical officer"

RE Painted Turtles - Brought in for behavioral study - ~~roadside~~ - Why not release, consider species, Ridding of habituated, etc (for Release) All dead, if euthanized, so survive if released.

DAY 3 28 OCTOBER 2011 FRIDAY

3:45 AM 8:15 AM "IACUC Review of Wildlife"

PHS - red pamphlet - TALK CLINT BOAL
CDC - FDA - NTH funding

PAIN & ADDRESS

7 Points of IACUC

- 1) Minimize ^{STRESS} discomfort
- 2) Use pain relief, if more than momentary
- 3) Humane euthanasia
- 4) Living conditions appropriate (vet or ^{EXPERT} of the scientist)
- 5) Med care as necessary overseen by vet
- 6) Personnel trained know what doing ^{RESTRAINTS}
- 7) AVM - Approved euthanasia - unless deviation by IACUC approval.

Capture of wild animals is VERY HARD TO DO

DAY 3

28 OCT 2011 Friday

IACUC FAIM & TRUST IN RESEARCHER: Flexibility and Adaptability in protocols.

IACUC allow

UNIV. Mexico - head of IACUC * Museums - his dissertation
Animals collected already - recycle, used for biogenetics
General Collecting - MAXIMUM number Allowed, Value of Specimens
Range extensions, Voucher Specimens. Long TERM Collecting

Museum Storing Frozen Tissue collected.

Research project vs discovery project.

"JOURNAL OF THINGS THAT DIDN'T WORK" J. of negative results,

9:40 AM

"Zoonotic and Safety Concerns for Wildlife Research" Johanna Salzer

CDC "BIOHAZARDS IN THE FIELD" = DARIN CARROLL

Zoonotic = diseases from vertebrates to humans
800 KNOWN

Ethical Setting - Lab vs Home Mouse

CDC protocols on web site for target hosts for Resum

ECAEROLL (CDC.GOV)

Risk Reduction - RISK SAFE (Relative Risk ARGUMENT)

DUE DILIGENCE.

Morning Break

DRUG & EUTHANASIA Session

USDA description for PAIN & DISTRESS

Cat. C PAIN PAIN DEMAND

CAT. D - drugs to relieve PAIN/DISTRESS

CAT. E - NO DRUGS because would interfere with pain and distress not relieved

DAY 3
28 OCT.

COEXIST WITH

in ANA

LIST FOR SIRI & DAN

- Risks ^{BIOSAFETY}

- Occupational health, TRAINING Safety - Injury history

- "Jump" on them - capture

- Native Americans - Cultural TRADITIONAL

- Member names/position

- SOPs

- ISTS SIRI

- WebSite

- Semi Annual Evaluation

- I.O. "Institutional Official" - headquarters

- Consistency with East - 3YR VS 5YRS.

- NUMBERS

- Dan's paper (in press)

- Whistle blow

- "Is your institution

- EUTHANASIA in the field? protocol?

DAY 3

- Research

VS

Management

AWA definitions

28 Oct. 2011

Category C or D.

DAY 3 Friday

consistent with CAT, C researcher or animal

Safety

USE ANESTHESIA

purpose

LUNCH

After Lunch - AWA & "Gov. Principles"

Scenario 1: Research vs Management

Jennifer Branner USGS

PIRO doing "research"

Determine

No definition

Research or Management

BREAKOUT GROUPS

(81)

Nick Kellar NOAA.gov

Peter Fissette NOAA.gov

3 NMFS IACUC?

SWFSC IACUC WEB =

Post approval Monitoring

same signs?

See each OTHERS, JOINT MEET

USDA-Regulated; PHS-Assured; AAALAC-accredited;

UN-SURE

AWA definitions

SAFE HANDLING

for this purpose

in AWA

Research vs management planning NO AWA Ref. "Best Practices"
He does "Panelists" "Research management" Through Professional Societies
and Research "Inventory/Monitoring and Research"
"NPS ignores Nothing" Eliminated work "Management"

"Don't hold for more than 12 hours"

CONTROL OF
- Pythons in Florida - Park Service

"Standards of a civilized agency"

Crochi Frogs - David Dobby

ALASKA - Policy Field Activities - gather information

MANAGEMENT - not gather information

UNEXPECTED EUTHANASIA Question, TRAIN IN EUTHANASIA for Research

→ Release of EU? background TRAINING TO Make Sound decision
case-by-case

"Way off in the weeds"

"Able to reproduce" - criterion for release?

Sevendepotus Research Panel - FRIDAY

DAY 3 END ~ 5 PM 28 OCT. 2011

? AAZA web - Captive transport manuals

Specific Researcher Needs

- NIST - J. Keller / HPS Contaminants
- Thierry pathology etc.
- Heath ^{HARRIS} ULTRA SOUND / FAT / CONTAMINANTS
- BRIAN STACY - hind gut "Cecal Abscesses" Adrenal Protozoa
- DAVENPORT / TODD
- FROZEN EYES - LARISA
- WYNEKON
- PARASITES - MARK FLINT
- GI contents
- FLINT PARASITES

Electron
Paper

NOT EXPECTED ELIMINATION of parasites, in particular
release of EDU? by keeping animals in water sound conditions
Way off in the water
Specialist - Research level - FRANK
DAY 3 - END 20:00 - 28 Oct. 2011
? WATER - water transport animals

LEATHERBACK NECROPSIES (25)

*List of PRENEEDS:

- Electronic
PAPER
- DATA SHEET TO ALL
 - Wynnekey Manual - Dc Sections / Davenport papers ^{PRINT}
 - VIALS / WHIRL / GUT ^{Numbers extra}
 - Booties / Robes / gloves
 - Camera / SD card
 - Call PLASINIZATION VTH/EMAIL STACY
 - BAGS of Ice Costco and Freeze / CONTAINERS A2

Prof J. Davenport BSc, MSc, PhD, DSc, MRIA, FRSE

Emeritus Professor of Zoology

School of BEES
University College Cork
Distillery Fields
North Mall CORK
Ireland



Email: j.davenport@ucc.ie

(858) 546 7152
Seminar office

TUES. Wed. Thurs.
Nov 1, 2, 3,
2011

weight

Seyd & Aunt
Brenda OTC, *

Thierry Work
MARC Rice 11/2/11
Brenda Jensen

HIGH

11/3/2011

moriahquinn.com
contact@moriahquinn.com
Ventura Ca
(916) 367-3427

Frannie Nilson 11/2
Angela Hansen 11/3
Melanie

Don Kobayashi 11/3
Amy Hoover 11/10



Heather S. Harris, DVM, MPVM
Wildlife Veterinarian

Specializing in free-ranging marine wildlife health

454 Napa Avenue, Morro Bay, California 93442
Cell (415) 517-5514 . heathersharris@gmail.com

Dr. JOHN DAVENPORT
EMERITUS Professor of Zoology
University College of Cork
Cork IRELAND
LEAMORE

PVP video sent
12/14/11

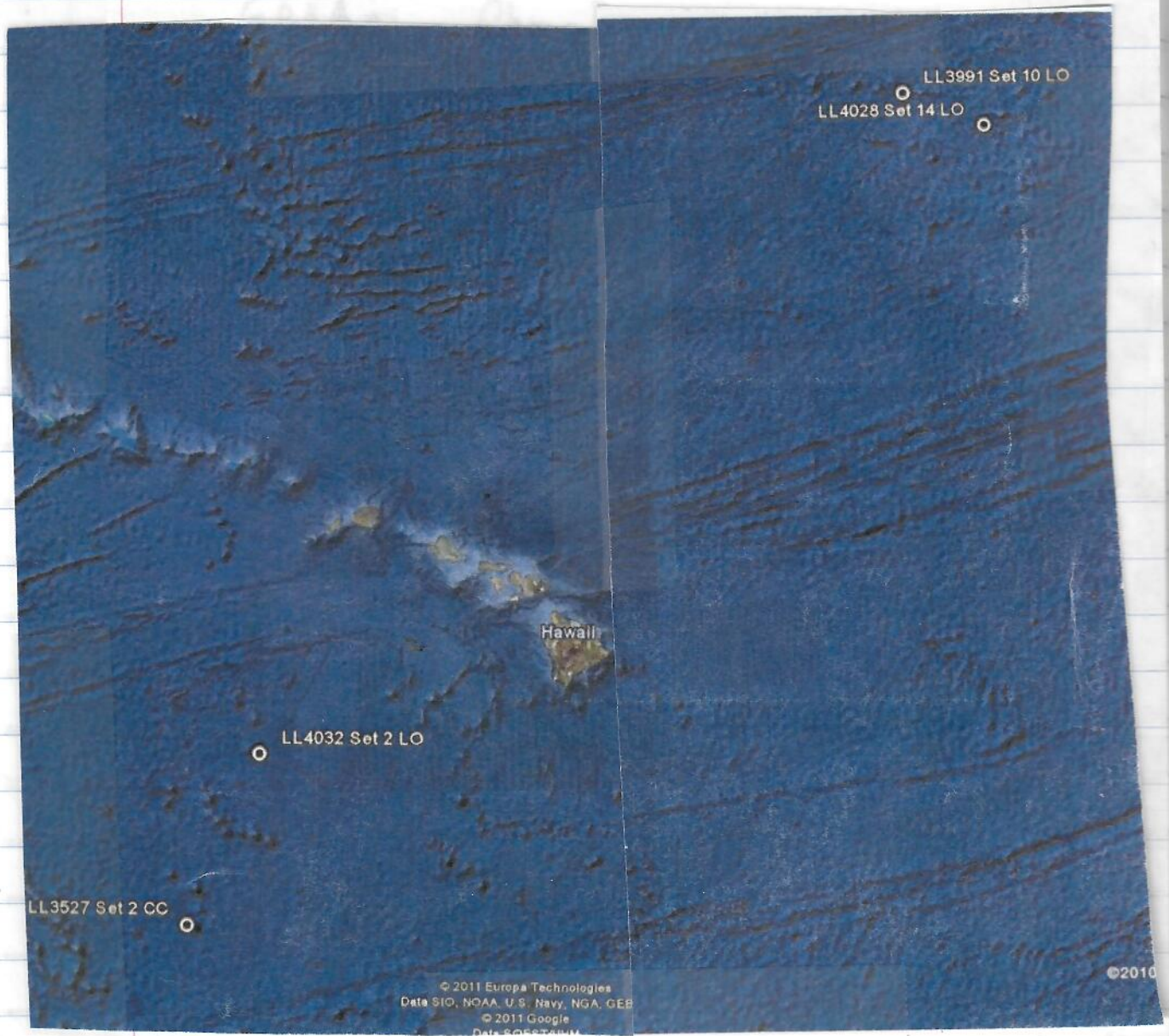
181 TOPSHAM PLACE Rd., EXETER H50Q
UK

weight

11/1/2011 eel

DAY 1 73.5cm LL 2103 off Palmyra male
DAY 2 88.5cm AS0088 off Samoa (with) male
DAY 3 83.0cm LL 3596 - South of Johnston female

HIGHLIGHT EXCERPT:



11/3/11

FOR

Kapoho -

90% Alcohol for Amphipods
Stomach Flush - New bidge^{pump} & tubes
Heavy furniture cloth
FOAM PACKS

POST-
FRANK
MEETING

Notes:

004934

11/04/2011



POST-Review Meeting NOVEMBER 4, 2011 (87)
FRANK Meeting 1/2 of EXTERNAL Review - POLOVINA FRIDAY
"Sky Lights & Shape Shifters"

Colette et al. to Rusty BRAINAE*

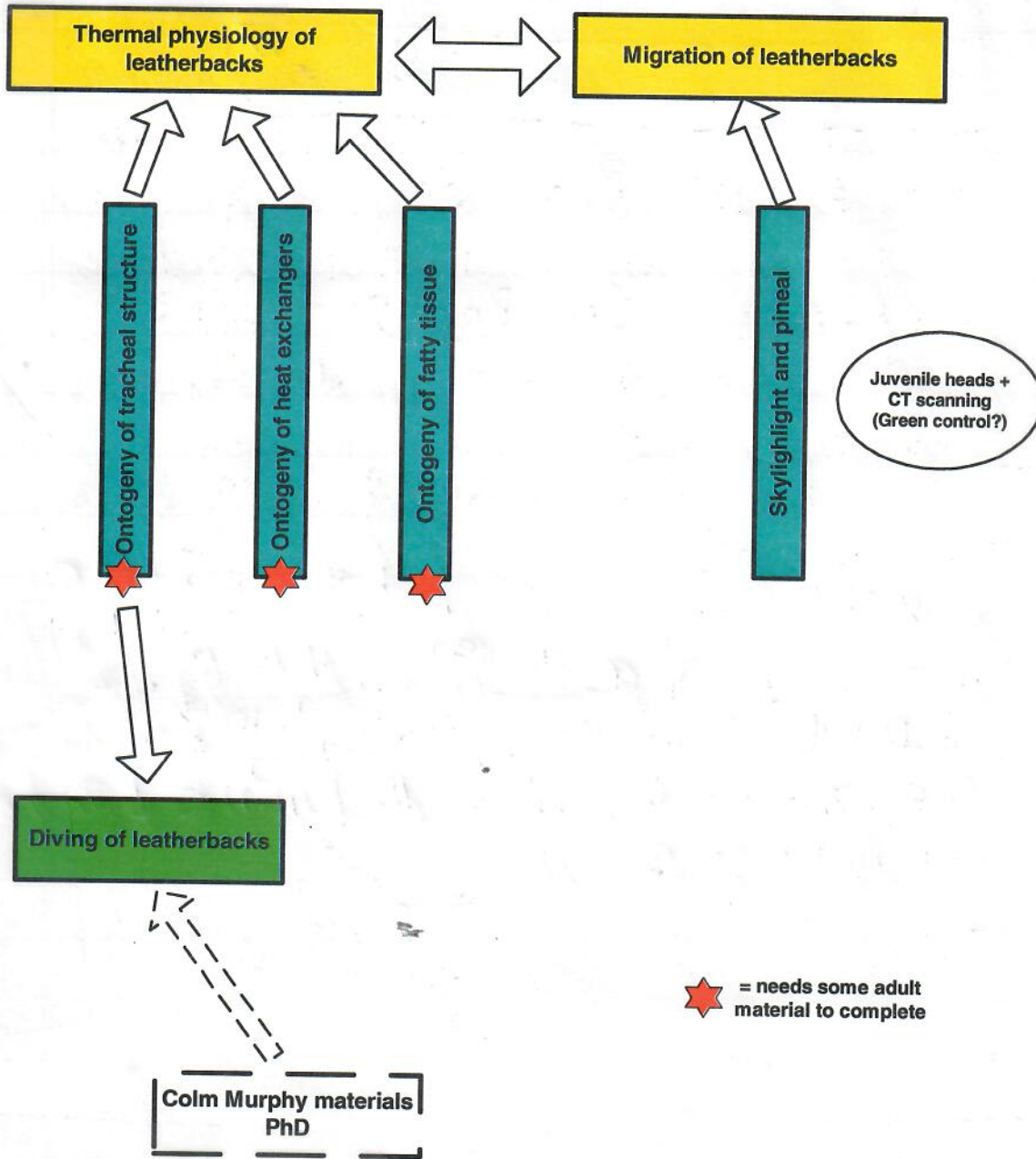
FRAND Chris Boggis

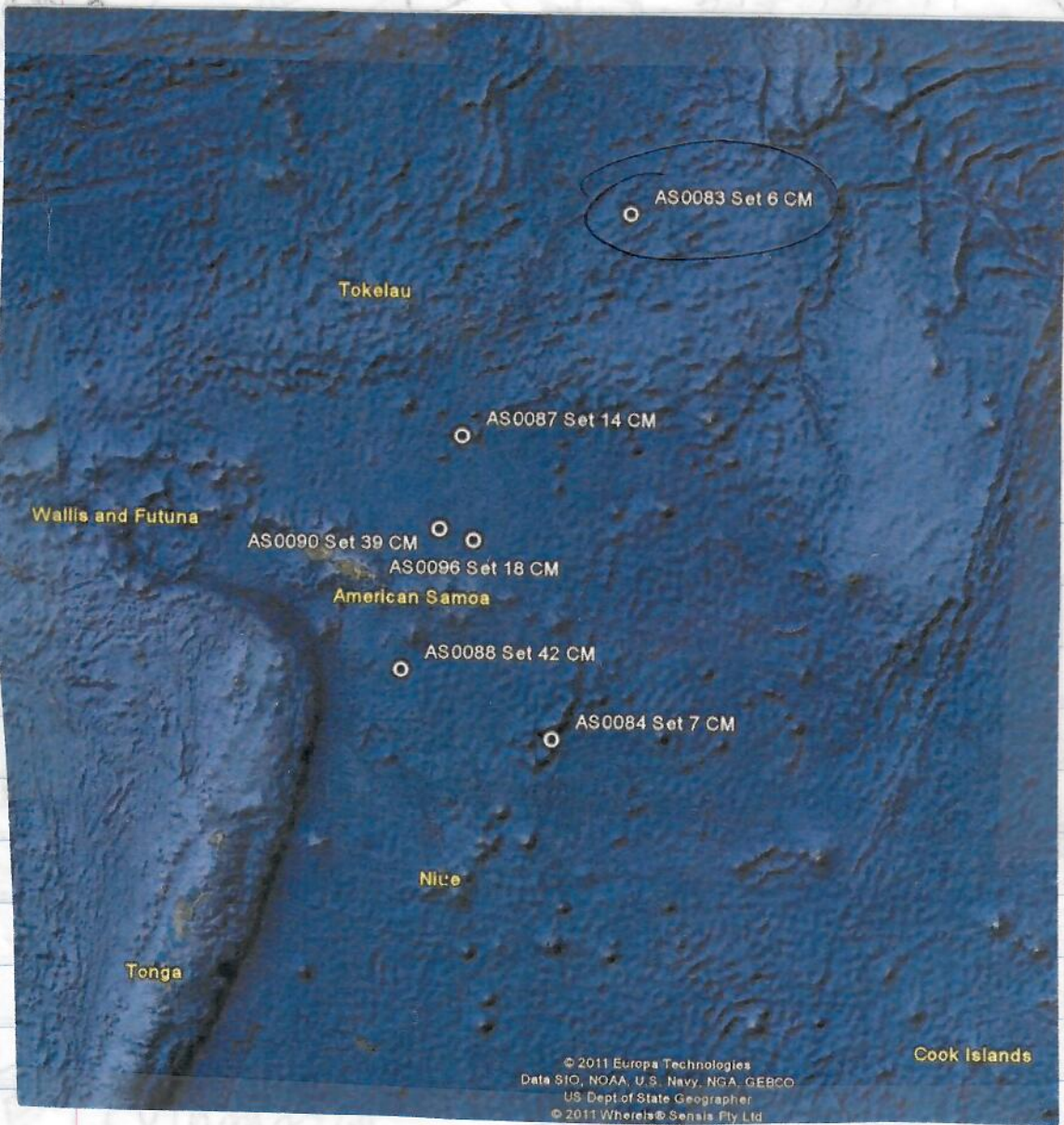
Denise - double tag N = MANUSCRIPT

stacy "r" MARK - Keith

Group photo left to right - Devon Franke
Don Kobayashi, Aimee Hoover, Trannie Nilsen, Angela Hansen
John DeWright, Wendy Marks, Heather HARRIS, Brenda Jones
Sikh, Todd Jones, GB Melannie Bachman
Photo by Morija Quinn

Study Schematic at 4-11-2011





Joe Pfaller
 Ph.D. Student
 Archie Carr Center for Sea Turtle Research
 University of Florida
 Gainesville, FL USA
 jpfaller@ufl.edu

5113 SW 92nd Court
 Gainesville, FL 32608

AS0083
 40.2 cm SCL
 Green Turtle
 ↑
 2 CRABS Sent 12/21/2011

(90)

11-11-11
NOVEMBER 11
Friday

11

11:11 AM

10:30 AM - 12:00 PM Conference Call
Selina, Susie, Alan & Karen, Stacy, GB

KB - "How low can a turtle go?" Growth
Nutritional Ecology. What goes on in terms
of carry capacity?

Selina - Applied Management Questions

NOV
TU

1)
2)
3)

RE
EST

28002A
H.O. 200 200
Green turtles
↑
28002B

~~Send HANA Hood
Article~~

"NUNA" new provisions (91)
Northern part of new Canada
Territory

NOVEMBER 8, 2011 IACUC Meeting
TUESDAY 11AM →

NO
Research
Allowed
Cultural
Concern

DAN, MARISKA, SIEI, GB

no Peter or Nick

- 1) US SC
- 2) ALASKA & NW SC
- 3) SE/NE SC

SANDIEGO
Bay work

~~need
Send~~

My IACUC JIMAR - Assurance letter ^{what's} being
assured,

ON-LINE TRAINING IACUC

RE
ESA

EUTHANASIA - IN IN THE FIELD -
urgent unexpected suffering

TFD = life jacket

IACUC first of concern w/ permit

1030AM CHIEFS MEETING

* Rusty W. Skovitz et al

Nov 9, 2011 Wednesday

Bldg MAIN - Maybe early 2014

Bldg 130 - JAN/FEB 2012

Mike back Monday

1 leatherback away of closure

Monk seals - lots of issues rolling out
NEXT FEW MONTHS (KIP)

~~CONTRACT POINT~~ Michael Park - ~~HIHWDAS~~ Sanctuary redesignation
If you provide info let them know.

IN NEXT FEW WEEKS
TAUVA - Program budget priorities

SUSAN KAMAEI NOAA

HIRING

Problems ^{HR now with} Headquarters

Reviewing pending actions PO-NO fisheries certificates
feedback asking for issues that hold up.

OPENING SITUATION

Need better process for recruitment -
(pulled back all vacancies)

TRAVEL

Looking closer - Audits

Rental Car - use a Compact

CREDIT CARD AUDIT

CPSC *Approvals
*Use by others

PSIP

Fully participate

Rotating chair

PSD - (4)

Robert POW TEST

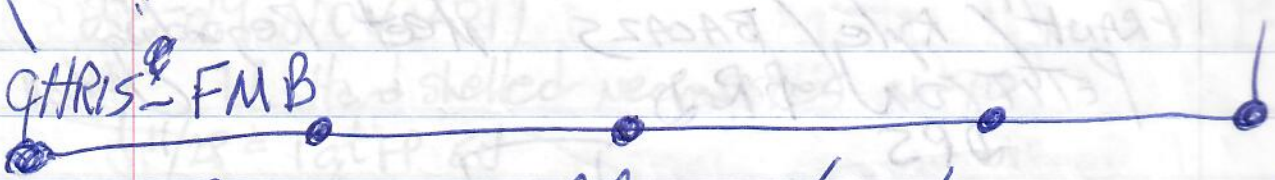
CHIEFS

Round TABLE

- Jeff Polovina - Ryka Score later this month
- Don - ^{investigate} sensitive data Security web site violations ^{SAM} whatever it is don't do it.
- Brent
- Rusty - USA ID
- SU - for Mike
- KAMEI - Performance Plan. ^{write} Notes Attached?
- IN - EO PP
- NORI

China - expand biodiversity work

CHRIS - FMB



PSD Staff 11/16/2011 Wednesday
9:30 AM

nicole ^{new introduction} new PhD Charles - immunogenetics
 Kyle - stuff turtles confiscated

John internet PFS - report
 SHIP LEAP =

Monuments -
 PWG =
 Permitting
 working
 group

Frank/EBIN
 SRG = Scientific Review Group

" " "
 UME
 unusual
 mortality
 EVENT

to get:

Chronology & climate records

Robert
 20V
 TEST

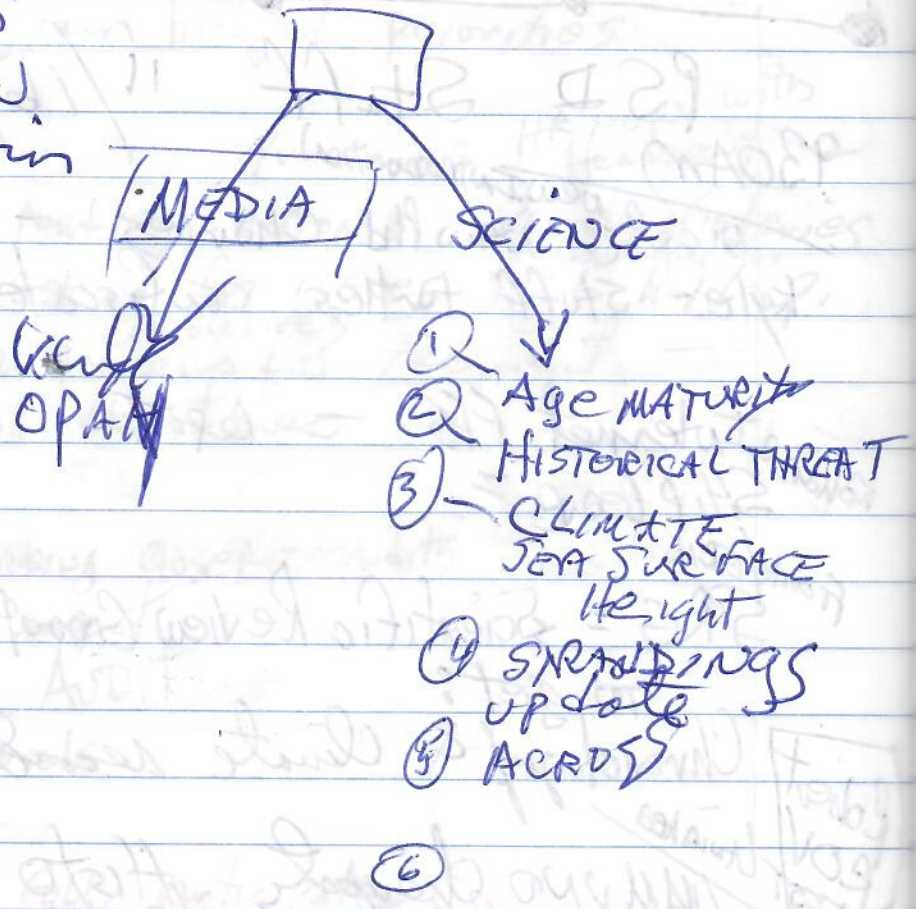
Mullino changes
 real samples from Loysan - not
 Histo - donkey
 Mobli VIRUS

Wednesday Perf. Review feedback
 H/16/2011
 FRANK ~ 1100 AM
 82 score
 NO BONUS(?) 1.8% INCREASE

11/17/2011
 Thursday
 2:00 PM
 FRANK / Kyle / BACAZS Meet Regarding
 PETITION BRD
 DPS

~~need~~
 • Letters to Hawaii
 Fishing News

Steve Erwin
 Jeff Cowin



KAPOTO

18-23 Nov. 2011

Friday Wed.

NIST

N=38

Keller, Amber, Chabug

Fong, Marc Rice, (Lara) Jim,

TO KILL MANGROVES JHPA Students - 2 groups

GLYPHOSATE & AMAZAPYR

28-29 Nov 2011

Monday

LL Hard shelled necropsies N=10

11/28 = 1gtFP EU

~~28 Nov 2011~~
Monday LL

NIST

- ✓ 1. Olive 3991100202
- ✓ 2. " LL4032 020202
- ✓ 3. Cm AS 0013 06 0203
- ✓ 4. Cm AS 0090390112
- ✓ 5. Cm AS 0084070215

Need to send

+ Hawaiian ^{gt} live no PIT

29 Nov 2011 TUESDAY
1 East Pacific Black

Olives = 4
 1 E pacif + Cm = 4(5)
 Loggerhead = 1

 10

2 DE
FRID

- ✓ 1 Small green
- ✓ 2 Olive
- 1 Loggerhead

NIST

11-29 Hawkbill (hatchling) received from ^{KAWAI} Don Heacock
 from NUKUMOI Fisherman found - White "parasites"
 picked off it (none upon arrival) SCL 49 mm
 39 mm SCL

Need DNA

TO SLP 11/30/11
MOC Turtle TO KRF

Louis Perma in Person DVD - Public Television

JO MITCHEL
 77 ALA MUKU ST.
 HILO, HI 96720

105
30 S

Need
to
Send



Thursday

95

1 December 2011
GB Chialing Ford
to SeaLife Park
Twitter

2 DECEMBER 2011

Friday

Difference between labels & folders. labels as many places for a message but doesn't take up space. Like folders do.

- CHATS -

- New Accounts 25 gb of space, Russell?

- Conversations

- Recent at top, oldest at bottom. Can't change

Google MAIL Training GMAIL
a web-based system

"LABS" - experimental ~~use~~ - use chrome

"STARRED" messages
Labels (folders that migrated)

Chats
Spam - Hidden
TRASH - 30 days Auto deleted
& Links

Insert images into email.
30 sec. to cancel send.

5-30 sec. ^{can} set

Gmail TRAINING 12/2/11

Conversation threads -

Last message is most recent.

Repeated into not included

People widget - can turn off.

Archiving - only means removing message
"from inbox."

"Google Search Bar"

Mute function - skips inbox

100% Chats - private FOIA? How can that be?

Import personal contacts,

Attachment 25 MB NOAA or?

Showing robot for Android use,

YUCCA VALLEY - Friday night depart
2 December - (97)
10 DECEMBER 2011
SATURDAY

Needling
PB
LIN
WILLOW
TREES
TRIMMED

There is someone
TURN A ROUND Look at me

"Will Power" "I'll wait forever" The Vogues
"You're the one"
Brown eyed girl
These eyes cry every night

This old Heart of mine
Percy sledge - When a man loves a woman

Michael boulie
Love hurting connect emotionally

"I'll Never Smile Again"

SPRINT - unlimited data
"Consumer Cellular" Best
+ TRACK phone
FORT McDowell Resort & Casino

21st ANNUAL USF Congress
2/23/12 400-575 pm
TRAVIS WALTON

MRP
Meet
Alize
Tuesday
9 AM

GIFTS - Needs
GARY ✓ fed envelopes

480 Birthday Card
Christmas Card
Chinese
Hawaii

CD's
existing
Kashung - TOI-5 ELMO
BABY
May Marie - Christmas Card
Hawaii

TAIPEI TO MAGONG 2/5
Cheng - Magong Police Hotel

Xerox FIT Labels - Shun + White
FRAYE'S TITLE Airline

Christmas NG - Disney Box
wrap CM, Ceramics, Tea, Christmas Card

Amber - China Town CULTURAL PLAZA
Mazu Temple
Amber - PICTURE/CD
UL newspapers, Kapoho,
Sea life Park

Jenn Keller - Kapoho + Long Line

DVD De Videos of MARRI RICE
Davenport (sent)

High
- F
-
5
I
dk
E
need
to
send
to
AND
HAWAII
FACE
KUL

Feb 8 need Nicole
 need Hilite staff
 MTRP Meeting
 DEED
 Kyle EACUC FYI
 99
 DECEMBER 13, 2011 9:15 AM
 TUESDAY

Highlights
 - Frey et al.
 - 3 species
 - Hilwa beach hatchlings - Karla Beach due hunk green
 - January - last week - Paul MARK FLINT
 - Filming - Jeff Corwin
 permit reports
 5th year - Shawn due March
 Shandel - Annual Spawning 5-year -
 w/ incorporation 4th quarter
 First week of January - LSS Shawn
 Pay check Jeff Corwin

ES/OAM 12/13/2011 Andrew VAN
 SCOR federal permits NMFS SERVICE *need IACUC site to Andrea
 need Susan
 Jebria
 ADD TO
 HANDED
 THESE
 KILLEN
 Harm sig. Habitat Modification that will injure fish or wildlife...
 Sec. 7(a)(1)
 Consultation informal (best is nesting surveys)
 Formal consultation - incidental capture of listed species during fishery surveys
 Biological opinion - Reasonable & prudent measures
 "FRONT LOAD"
 MMPA take permits
 LOA - 5 years "Letter of Authorization"
 "RESOURCES" - need IACUC

Ken Resperance olive to SLP
6 5 6 46 mm sel

Robert "Rob ROVER"

12-14-20

TASK Lead morning

123 Approved NOAA for Marine mammal
Science meety

DG TRAINING

"A lot of Hawaiian stones"

Book - About Monk seals

Health Assessment - SLP turtle

2 distinct episodes - seals
turtles

"How many is enough?"

(101)

12-14-2012 Wednesday phone call from Howard as way to Howard from FTS

Telecan Wendy Goo am
TASK Leader Meeting KAP 10 AM
30

2pm call 800-2012375
297902 particifutade

Jeff CORWIN ^{ABC} call

23-27 JAN. 2012

Monday Friday

*NOAA Research Schofield - Rob Rover

30 MIN. Program -

EMAIL background stuff + Address

What background

"Scoping" ?

2004
down rope
on helicopter

N Shore - Good news 2004

ANAhuu high school student
NOAA Research MANAGER & Research

Herbivore

Shrimps
same habitat
Hawaii

Memo 1/23/12

NOAA Turtle Research SHIRTS

KONRAD 148.78.249.200

Location 20 camera 1-4.

12/21/2011 AT KRF GB TW ~~Chialing~~ Amber
Wednesday Bled ^{retrieved from} Flog
MOC SLP capture brief
TURTLE E PITLH 442DØ35943

Amber project =

"LYMPHOCYTE CULTURE
AND ~~CRYO~~ PRESERVATION
EXPERIMENT

flat
Sun

X-RAY
HAC

(2)

(3)

(4)

(5)

1106

Hatch Summer 2010

12-16-2011
Friday

MAC

(103)

X-RAY (1)

"D" point 35.9

442F411339

"339"

Note (2)

"G" point 38.9

470A08767A

"767A"

(3)

"90" point 40.9

442F4B7373

"7373"

(4)

"88" point 39.1

48512F701A

"701A"

(5)

90 Repeat

7373

JL
Wom
Yoko

For the other half of the sky

110⁶⁰

1/22/11

47.3 cm

215 2008

133 days

REGOS

71919

8/3/11

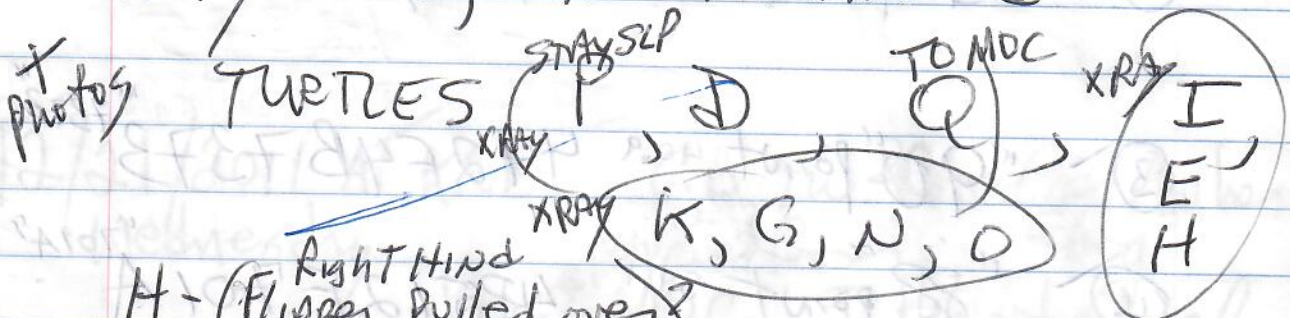
82

133 days

MAC DIGITAL X-RAYS

12/22/2011 Thursday

10 SLP 2010 hatch turtles
Wendy Marks, GB & Dr. Morris



- H - (Right Hind Flipper pulled over?)
- P - Left Hind pulled over?
- Q - Orientation of Right Hind

PET TAG (in my pocket) need for HANAUMA

X PIT Reader - turtle stickers

Caliper

Name Michelle Malia ANN July 4, 1998 "BO"

X NONA Cap NATASHA (SASHA) June 10 Portuguese water dog

X Play Pen

Leis

Literature

Crystal

X Lizette aka DURAND pool

X Plastic hatchling (in my pocket)

X Business Card (in my pocket)

Call Sam / Frank

X BASKING COLORING Book of Hawaiian

12/23/11

New Caledonia

(105)

TAM 4510

TO Richard
FARMAN

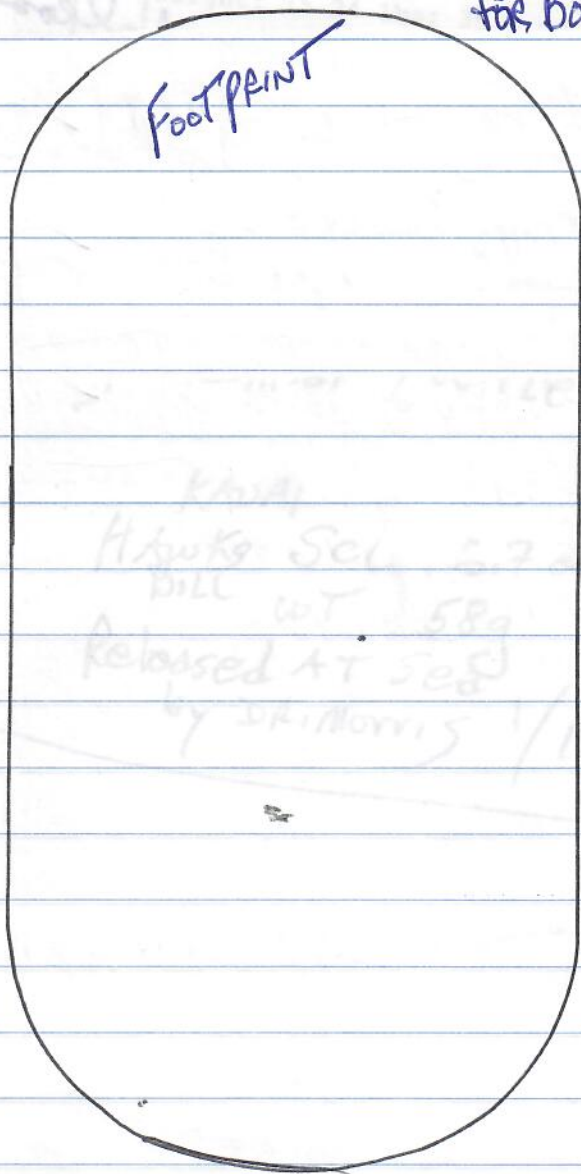
POSTAL AIR MAIL

ID 25312

Telepics # 646371

6/48 (?)

for BOURAIL Nesting Loggerhead



XU 1-25

XU 26-50

XU 51-75

N=75

Size ~~one~~ Tags

(20)

"Momentous occasion"
"personally rewarding"
"GRATIFIED"

released
1/1/2012

Date: Thu, 5 Jan 2012 17:08:23 -1000
From: morrisr005@hawaii.rr.com
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: lat long of release

PAINT 88

Release all 3 turtles 11:AM 2152.756 N 15743.015 W

Thanks Bill Post Hatch Kani + Cm EMOC from KRF

-----Original Message----- From: George H. Balazs Sent: Thursday, January 05, 2012 11:24 AM To: Robert AAMorris Subject: lat long of release

A little reminder you were going to get them off the boat's gps. Thank you Sir George

[Faint handwritten notes and bleed-through from the reverse side of the page, including names like 'Christa', 'Xinyan', and 'Literature']

TUESDAY
12-27-2011

HANAUMA BAY RESIDENTIAL
TURTLE RELEASE

SLP PAINTED

EXISTING
G LH 470A08767A
D LH 442F411.339
88 LH 48512F701A
90 LH 442F437.373

HBP
TR

18 MONTHS old
BORN 6/26/2010 AT seelife Park - captive BRED

12/28/2011 HILTON PIER WAIKIKI "beached"
Wec. TO KRF 39.1 SCL 18.8 lbs

TWO LABELS
BOTH = SAME
4853540F1C
new right
4853540F1C

~~N=3 PAINTED TO DR. MORRIS - Released AT sea
1-1-2012 13 miles off KAUAI~~

WN 51^{size 1} "NODA" LFL ^{cm} 39.0
WN 52² " " L3-4 R SCL
WN 53 " " RH

Mau. Ocean Center SLE 1
EI WN 54 L3-4 R ^{cm} 35.9
from KRF WN 55^{new} LFL SCL
WN 56 RH

KAUAI Hawk's bill (new size 1)
CARED for at SLP (WN 57 (R3-4S))
1/1/2012 SCL 6.7 cm
58 grams

(108)

APRIL 27, 2012 Friday 11AM

Determination of Growth spurts in Hawaiian green sea turtles using skeletochronology and HISTOLOGICAL analysis of Gonads

PolyCom Video Conference

DR. Vincent - Senior Adviser

Stokes Snowy Thierry

Thesis Defense & public SEMINAR

Dept of Human Nutrition, Food, and Animal Sciences

College of Tropical Agriculture and Human Resources

JIM CARPENTER Jenny

35-40 years MHI

> 50 NMHL

JSA

NULL Hypothesis

devised from HIRTH 97

Aug 86 First C (Jack Irazola?) (Bjorkdal?)

note - KV STATEMENT long ago "Doesn't believe in Skeleto"

Juveniles = few gonads for hist

FP? need minimum of 2 Lags to compute Growth PACE name

Sprints after 1999? Chytrids AT LOCATIONS ie islands etc.

1130 AM - start what was found

BD Gonads needed? TAIL length needed (Locational) Dilemma? Negative "Growth"? (shrink) ENZO & JENNIFER KYLE

1135 AM - DISCUSSION

Were there spurts of growth & how much (supralimate hyper growth) Acknowledgments = NO KYLE no mention of tetrahydrocortisol?

"If we knew what we're doing it wouldn't be research" is it

TOM LISA JAPAN PAPER that started this ALL? Publishable?

Fish with no teeth need skull - validate using known age (captive) turtles

Bennett Book - YEH Resources - Kayan

SALMON - Tough Residency 600 miles from the ocean SOUTH COLORADO

Vertical text on left margin: CARTEOUS THIS PART

Vertical text on right margin: 1/5/2, PHOT, se, Fe, message to

1/5/2012
Thursday

8AM -

"TOWN HALL Meeting" ERIC Schraub (?)
Dole Street Seminar Room

Send Kemps DONNA SHAVER TO EOD
FED STATE AND
TRIBAL COOPERATION, ...

ERIN OLSEN "Presidential Award" - one of two

Messages TO DEVISE 2011 = 298 hired 214 separate 84 new

\$51 Million Reduction FY12
Compared to FY11

Challenges TO plan work to get through this
Reducting so significant
Services & functions efficiency saving
will not get us through.

Changes in what we can accomplish
Continue to provide all services & demands -
Cut budget 1000 places will be to
detriment of Agency - need to make chain
priority & savings

NEED: "CONSEQUENCES" LIST

New technologies for SURVEYS
Across disciplines "Austerity"

284 new
60K
00
504
504 OK
\$5,040,000

"MANAGE RESULTS"

TOP Priority "protecting the people of THIS ORGANIZATION"

OTDPS Meeting
DATA BASE

JANUARY 11, 2012

1:30 pm

Wednesday

^{BOGARDOS}
TYLER, Shawn, Frank, JAN PAPPAS,
Shandell

Sheet of corrections by tyler

Devon give me all tabs?

Some sentences cut off (?)

- Locations -

* Overtime TYLER?

* Devon

GIFT DATA

- Handful weekly

Xerox p. 18, p. 29 list,

- Duplicates - nesting records

- VIABLE EXTRACTIONS of data

Filming

1/19/2012

Thursday LANIAKEA

"Born to EXPLORE" (See Jim Huang)

MC Rich Wiese

Producer Tom Selick

2 children filmed =

1/20/2012

Met Lunch w/ Thierry

Friday and Paul Eden UQ

Parasite Study

1/26/2012

LANIAKEA

Thursday

Jeff Corwin

1300pm

name of show:

L27 - 3x up

ABC series
"Ocean Mysteries"

NO FIT TAGS

1/27/2012

Investigation of

Friday

PAUL EDEN DVM

BOAT STRAITS

gut impaction, NETTING/ENTRAPMENT

working on

FP

PhD

Hotspots - Townville

Coccidia

red Holes

SPIROCHETID INFECTIONS

PNEUMONIA / Bacteria

1/25/2012

Stripped blue shirt
NERD

Task Leaders Meeting 1:30 PM
KAPIOLANI

STRATEGIC PLANNING ANNUAL
w/SAM

"CORE STAFF = NOAA STAFF"

web site posting
list of staff - ANNUAL Report -

(one) Laptop theft
Cable locks on drive
Travel comp time

PIRO interactions - Loggerhead

points to ^{one} importance of loggerhead
logic work

Friday
4:45 PM

MARCH 6, 2012 100 PM Dole "Interagency Agreements
Training" Angela
GB & SB

USD & C



Bruce S. Leiataua
Supply Chain Manager
Starkist Samoa Co.

StarKist

P.O. Box 368
Pago Pago, American Samoa 96799
684.644.4004
684.644.4175 Fax
684.258.8917 Cell

bruce.leiataua@starkist.com

Met
at
PIRO
Tsunami
Sent

need "Vegimatic" AS SEED ON TV.

113

continued ~~PAUL~~

1/27 (PAUL EDEN)

GLADESTON sick & dying - prior flood
turtles starving ^{yes} * But compare
27 Spvorchid ^{seed} world wide ~~KALOKO~~

- 4 from Hawaii

Gordon & Kelly 1998 Vet. Pathology

Spvorchid's contributed to Mortality in
40% strand - significant central
nervous system infection,

9cm / LO
8/10 (beel cm)

6/10 WNOI

WNOI

1/27/2012 FRIDAY SECOND DAY w/Jeff
& ANATASIA ADULT MALE CORWIN

L 27 Put in Carrier - mostly check ok

Clean - flies ATTRACTED YESTERDAY.

CEL 92.4 cm

SCL 87.4 cm

48533C7B23



48515A5A69



"Longkui" DRA ^{GOV} ~~TURE~~
Feb. 2 2012

Wednesday

9AM

"Public Service
in Volume"

ALL HANDS
Meeting PSD

1948 POF ^{DOT}
DOLEST.

PIFSC 2003 need PP presentation

Mission: Provide timely, high quality applied
scientific information (and advice) to
support the conservation & management of
fisheries western & central Pacific

^{not funding}
Magneson Act - Key Mandates

ESA

MMBA

Coral Reef Cons. Act

International Agreements

US Gov. Admin. orders

	Fed	non Fed	TOTAL
PSD	15	29	44
EOS	6	6	12
TOTAL	105	132	= 237

Sam - Economics program started with 1 person (Sam)
113 when became a Center (50 doubled).

2/2/12
Wednesday

Pro.
PSD

TOM
PIFSC

"
Busi

Samre

F
⊗

⊗

⊗

Ac

TSUN
Ma

~30

I

2/2/12 Mo
Wednesday
Fy10

Denise Parker, offsite
JIMAR
Wendy Marks
JIMAR

STAA/Deed
NOAA

115

ON SITE = 3 country
Me U

Pro. PSD

8.2 M 6.0 M

DEVON
JIMAR
2/8 gone (7 days from now)
4.9 M

TOM
PIFSC

30.9 M

26.2 M

22.8 M

"

Building a relationship "

AN

investment

Sam retirement
Commit

Charles

asked SAM
TARGET?

particular people in
mind? no

FY12 CORE MISSION FOCUS

⊗ Long term fisheries and Protected
Species Monitoring & Assessment,

⊗ WP Council & PIRO Analytical Support

⊗ OUR People - Training, Recognition,
Respectful

Alan Yamamoto = Iwouye's chief
of staff

June 5th
2013

Tsunami

Marine debris

sat. tag loggers

~30

ways into can be collected

IEA Kona work

Walk-Through
Bld 176

Deleting email - Always a
copy in Gmail

2/2/2012 IACUC Meeting
Wednesday 11AM-2PM

Marie Hill
"Need MORE DATA"

San Diego Assurance form

Van Houten Assurance form
JONES

HNL-
TAIPEI

2/23/12 PSD STAFF Meeting 130pm
Thursday

2/27/12
Mo

Charles
Korea - Fishes, seals
Se. Moon?

LIZ - NIST visitor Colleen BRIAN
Samples

Null
Hypotheses

Wednesday
February 29, 2012

CHRISTINA AND KAIULANI APU
ALISON RIESE
Recovery CRITERIA AND
DECISION-MAKING: THE CASE
OF THE HAWAIIAN TURTLE

"The FIRST JIMAR PIFSC Symposium
East-West Center

Wendy Marks - "Marine Turtle strandings in the Hawaiian
Islands"

Devon Franke - "Ground-truthing inferences made
from the time-depth recorder data on juvenile
green sea turtles in Kawai'i, Oahu, Hawaii"

PAR, KER AND BALAS (and RICE) "What does the
transmission mean? a summary of dual transmitters deployed on
loggerhead, green and olive ridley turtles in the Pacific Ocean"

2/28
11
5-10
"120
Need

February 3-20, 2012

HNL - via NANTAI
TAIPEI ← Penghu (2/6 turtle sacrifice) -
TAIPEI DAJIA - Hong Kong → Ganghou →
Hong Kong → Hainan → Hong Kong →
Honolulu (via Taipei & Nantai)

discussed

2/27/2012
Monday

TURTLE TOPICS
1 PM - 2:30

TOPICS

- 1. Permits
- 2. Petition-greens
- 3. SL Park
- 4. CHINA

Meeting with
Frank & Kyle
FWS Hawksbills
KIM
Annual Meeting
Hawksbill

need
SAM's
PP!

Talk - Gerard -
Times?

5. SKAM

2/28/2012 1:30 PM

John Wang Poundnet Presentation

11th floor PIRO Conference Room

5-10 MIN INTRO by Irene Kelly,

"12,000 pound nets IN JAPAN."

weeds pound net Fish Weir stones - Penghu Display
Some of John's slides "HUGE"

Sheries Board
Escort of PPG
FRM Division

FRMD

JOHN WANG
2/28/2012 1230 PM
TUESDAY PIRO

"TEICHI" ?
"TAICHI"

LARGE poundnets

2 weeks more on
3 years < 27M

Small pound nets (small as well as shallow)

Higher Rates 2 types - Closed Rooded Submerged 2009 98% 95% mortality
- open

3rd pound net

"Council Report - poundnet interviews

"Poundnet Escape Devices" PAVED

Phase I Miami - City Beachland Aquariums

PHASE II SUMA Aqualife Park

"HAMACCHI" - fish, prime target of bottom-set poundnets

----- Forwarded message -----
From: Richard Kupfer <richard.kupfer@noaa.gov>
Date: Mon, Mar 5, 2012 at 11:37 AM
Subject: Re: Class list for training on Wednesday
To: Shandell Brunson <shandell.brunson@noaa.gov>

TRAINING

5/7/12

3/31/2012
MOLOKAI
P!20

Hi Shandell,
Bus is picking us up at 12:00, so 12:30 should be good.
the list of students. See you soon.

- Rich
- Anderson, Justin - Wendy
- Collins, Clayton - Devon
- Fader, Joe - SHANDELL
- Gohl, Andrea - "N=12"
- Gonzales, Richard
- Lange, Tessa
- Mehlinger, Jason
- Platzer, Karl
- Rahm, Richard
- Stephens, Katie
- Suleski, Anthony
- Tucker, Josh



Visual Resonance Media Inc

"A Universe of Possibilities"

Daniel Emhof
vrm@consultant.com

(808) 283-7960

PO Box 482171
Kaunakakai HI 96748

Wednesday
3/28/12

ALL HANDS MEETING + AWARDS

22 MARCH 2012 THURSDAY

830 AM FWC

ISTS 32

Lifetime Achievement Award CB

119

Winner

- Ron Yoshimoto

- See More

- Permit 5-year Panel

MARCH 26, 2012 Monday

830 AM

- CHINA Phone Conference Meeting

Science Symposium 11th, 12th, 13th
20-30 MIN

Need TITLE: Sent 3/22/12 English

MINE for Gerard

XAMIN ET = Sent NAME/AFFILIATION

S&T = RFP up to 3 proposals SEATTLE Assepsant Grant
STOCK Improvement plan

- Yearly 500K / 150-200K Goes out early Dec.
100K per Center

Oct. LMR Umbrella Panel

2012 CARS funding Chris Brown

1 hour TAXI need to email Hotel

Monday 930am Breakfast will meet

Wednesday

3/28/12 30 P " CONFLICT MANAGEMENT "

2012 DARLENE FLOYD

TUESDAY TASK Leaders Meeting
 3/27/2012 1pm KAPIOLANI

IRIS - Alert
 LSS Big MISTAKE

3/30/2012 SATURDAY

ISLANDA

Confirmation
 Confirmation Number EGGBLM
 Date Issued 3/28/2012
 Itinerary Price \$173.60

Date: Thu, 29 Mar 2012 20:38:36 -1000
 From: Bill Puleloa <billp@wave.hicv.net>
 To: George Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: history

BIKAR EARLY 90S

TAG =
 KAWELA TO
 MARSHALLS

Keoki. Here according to the best of my memory:
 (1) You and I first corresponded while I was in Majuro circa 1974, the same year Allison Kay came to visit me (hence our shared history covers some 38 years!);
 (2) From thence until I returned to Hawaii in 1981 we corresponded on more than one occasion re Pacific island turtles (I have some of these correspondances filed away somewhere, but God only knows where at this point);
 (3) I distinctly recall personally crossing paths with you several times during one of my many official travels between the Marshalls and Hawaii;
 (4) After returning to Molokai 1981, under your guidance I started tagging Ed's incidental turtle captures;
 (5) After the passing of 6-12 months and numerous tagging incidents, you finally opted to visit our "goldmine" on Molokai;
 (6) By this time you had moved to 2570 Dole (I remember your shared office with Gilmartin);
 (7) Ad nauseum Issues over the years to included (a) subsistence take of turtles; (2) Alike Cooper; (3) hawksbill management; (4) Kawaaloa Bay; (5) Bikar; (6) SPREP; (7) Larry Katahara; (8) runaway Navy seal (remember?); (9) leatherback at Ilio Point; (10) algae collection at Palaau; and etc, etc. etc.
 Any of this rings a bell?
 Bill

3/31/2012

Topic 2

Movment to Aloha AIR

- 1 ARGOS
- 2
- 3
- 4
- 5
- 6

Air Itinerary

Departing: Honolulu, Oahu - HNL to Hoolehua, Molokai - MKK
 On: Saturday, March 31, 2012

Flights	Departs	Arrives	Stops	Details
• 303	9:30am	9:55am	Nonstop	Honolulu, Oahu - HNL to Hoolehua, Molokai - MKK

Returning: Hoolehua, Molokai - MKK to Honolulu, Oahu - HNL
 On: Saturday, March 31, 2012

Flights	Departs	Arrives	Stops	Details
• 213	2:00pm	2:25pm	Nonstop	Hoolehua, Molokai - MKK to Honolulu, Oahu - HNL

Need Con
 Sent

4/2/2012 TUESDAY
1030 AM
Typos are before

not errors

Topic Common - Boxes that shouldn't, Boxes blank that
LSTAG Tag links - Ask - should be

38,990 Nesting Records (Encounters)

Sept Feb JAN March → now done
16000

STRANDING Records
6249 ~~data~~

Topic 2

Trumble - Location names

STRANDING/ocean capture
nearby 997 shore STRANDS 1466
now 619 now 908

TAM 2639 ID to Liwei & Amin Wang
sent 3/5/2012 6/24
Telonic # 633620

- ① ARGOS ID = 52696
- ② " 52698
- ③ " 50149
- ④ " 50141
- ⑤ " 52699
- ⑥ " 71913

Need containers for
sent For magnets
PAPA Islands

633624
647932
647921
633625
623411

"CHINA - USA SEA TURTLE WORKSHOP"

SHANGHAI APRIL 6 - 16, 2012

4/19/12

MID-POINT Review with FRANK

Friday Monday 9AM - 1045AM

APRIL 11/12 = NOAA-SHOW - ISC International Science Symposium

DATA Leadership By Shawn

4-23-2012 need 525 PLAN Monday

Bullets or need

percent of duties

specific - different parties

30% SKKM is on database

Rotational IACUC Membership

see p.132 1/9/2012 SEKICAL TO LIST Losses & needs

- 8 ITEMS - person was NO. 1 on list
lost 2 Tyler & Stacy not replaced
- FFS field capacity
- Supervisory with Devon
- DATA BASE increase capacity to achieve goal SKKM under
- EA PEA permits Publish data analysis
- TOO much work for exist to accommodate, 2.5 down (0.5 is Shawn) even with her return 2 down
- JIMAR Grant

Now we are Tsushima prefecture Akabane belonging one is no behavior back to J Could you for 2010 ways Hawa

APR Mon

TO BE HELD

Report

10th floor

RE MA

"Help" EVA

"THE

4/19/2012 Fedex # 8721 66570534 (123)
 TO PNPA-KURITA/MR. SOICHI
 TAM 46 _____ Telonis 64636P
 ARGOS ID 23569 6/48

Now we are going to release the female loggerhead that was recaptured at Tsushima Is, around 4th of June around the Goto archipelago, Nagasaki prefecture. The loggerhead, as you know, hatched in 1996 and was released from Akabane beach, Aichi pref. in 1998. We will ship Nagasaki-maru, research boat belonging Nagasaki University with 20 loggerheads hatched in 2010. Tsushima one is not matured, but will be in a few years. We are very interested in her behavior in the wild, because she is first artificial incubated turtle come back to Japan. If you can help us, we want to transmit her migration route. Could you provide us large satellite tag for Tsushima turtle and several tags for 2010 loggerhead? If you can, we will pay for your travel expenses, both ways Hawaii to Japan (economy class) and both ways Nagoya to Nagasaki (if you

APRIL 30, 2012 LMR conference call
 Monday 9AM - 10AM
 12 in conference

TO BE HELD 16-18 OCT LMR Shanghai

Report November LMR Meeting Honolulu Keith will send

~~Monday~~ MAY 1, 2012 ~~Monday~~ Tuesday
 10th floor PIRO 1 pm

Irene Kelly FAST Meeting MATTHEW RAMSEY, GORMAN
 RE May 2010 outreach PIRO Meeting follow up project discussion

STICKER REVISION
 "HELP" video TO KEN ESPERANSE
 EVA BEACH

LISA/EARL DLNR
 Fish around TURTLES
 Fishing around sea turtles

"THE FATE OF FISHING"
 "Lucky Hooks"

MATT fish
 2-5 poles
 40% turtle
 interact

Osborne punch whatman swabs / vetero picture hangery - office

YUCCA May 2 - 8 2012

Wednight flight (TUES)

Arrive May 3 Thursday AM

Life is a trade off - lot of years to learn

Sunday 5/6/12 Palm Springs Air Museum w/JOHN + Costco

TRANSIT of Venus 6/8/04 & 6/6/12

Next 12/11/17 Δ 12/8/25

oatmeal raisin cookie

Blue Sky HEALING ARTS - info@blueskyhealingarts.com
GINNY Walden 389-0579

"FINE ARTS" WAIMANALO
SANDY BEACH NESTING GREEN SATURDAY 5/5/12

PATRICK Ching Return the 15th of May

LORTEX 818881
LORTEX 593292
Sugar Pie Honey

jsj@amagata.com
JOHN JOHNSON

MATTHEW humeri 5/7/2012 CITES APPLICATION
1468 + 78 non-repeat Bishop List +

3 in freezer waiting = 1549
+ 200 for estimate other frozen + formalin
+ Alcohol



5/9
5/9

5/10
Thu

Kia
An
JO
P.E
D

Present at...

Too Chea
FAS

Dennis
15sec = SB
long time
Ne
Sc



For Museum and Program Information Visit our Website
www.PalmSpringsAirMuseum.org

5/9/12 PM Telecon JASON BIGGS 931-
[5/9/2012 Telecon Michael WALTER - Oahu Nature Tours] 0927

5/10/2012 830AM 2012 HAWAII
Thursday KUH 2009 Running Meeting HAWKS BILL
Kim MAISON - 6 yrs Sea turtle BI GROUP
Andy Waikeke Aqo MEETING "

Joy Browning, Devon, Shawn, SB,
P. Park, T. Todd, Jacob, Cheryl King
Irene Kelly, Rhonda HRP, Glynnis
Denise Parker, Tel, Skippy

- Open Meeting? -

Present at Rhonda Big Is. 3000 hatchling @ 9 parties Mark seals
Cheryl - 8th turtle #336, #337 - in August first used
ONELOA - Makena state park 4 NESTS 644 hatchling

Too Cheryl - UW sightings FACIAL 1998-2011 368 sightings
FACE 5 Similar WEI 33 individuals / 20 juv
15 sites

Denise MTRP
15 sec = SB = C3 "extinct" submerged for over a day needed - Circle Around
a long time Neurofed "Rejected" not living or not healthy
Drawn paper TO Irene

Scott LOARIE = citizen Science

Andy - Waikiki Aquarium Director

June 19, 2012

Harnessing the Crowd
INSTAGRAM - Rise of photo apps,
Citizen Science - iPhone app.

Naturalist.org > 300 Hawaii sea turtle monitoring

Kyle - Hawksbill NWTHI -
Proofs - out in a few weeks, Amount in ECB / self Seminoff?

90% hawk Big Island

" " No smaller pop of sea turtles on earth, "
1825 July Kure P&H

July 1899 Laysan evidence of nesting hawk

Aug 2011 - juvenile Plikker Midway

Need "Some Data"

Barry C Hoy ? ? P&H captures 1980s
Ayle 100 - Revising historical hawksbill
harvests w/ morpho & demographics models

Blow
Touch

1.6% of mass is marketable scute?

Mexico
49% scute boxes were Adults
Small

Sub 53% JW -

T. Todd Physiology Diet Need

Gracilaria salicornia

De
nw in
freezer

Hatchlings
in freezer
yolk Ei

5/10/2
Thursda

USGS
science for a ch
Dr. Jonathan Sleeman
Center Director
Phone Number 608
Fax 608.270.2415
jsleeman@usgs.gov

Supervisor
Sub
FY
I
re
(b
TH
la
an
ne
Sh
th

- UNKNOWN -
OSIAN SATIN IN NECROPSIES

5/10/2012

Thursday

How many hawksbill

TOTAL IN HAWAII -

~ 20 nesters a year.



w/TW and
5/9/12 Chris
Wunch brand

Dr. Jonathan Sleeman
Center Director

Phone Number 608.270.2401
Fax 608.270.2415

jsleeman@usgs.gov

U.S. Department of the Interior
U.S. Geological Survey
National Wildlife Health Center
6006 Schroeder Road
Madison, WI 53711-6223

www.nwhc.usgs.gov

5/10/12

KAWA I

(127)

DONNA MOORE

828-0156

Re Hanalei
Gill net - turtle
Released

STRANDING CALL

KAHALUY BEACH

5/10/12 Telecom

VERNON NOAA LE

779-7315

near Korean store

47-745 Kam Hwy

LARGE DEAD ON BEACH

VIN = 4T1SV21E5LU180751
Geico Re 90 Camry Lic. Plate -
Woman emp. # U744 AT 5/12/12 10AM
SUPERVISOR KOLSON @ Geico.com (858) 366-7951

Subject: possible turtle nesting - Diamondhead, Oahu

FYI -

I received a call on the stranding line today, 5/8/12 at 1:30 pm regarding a large (3 ft carapace) sea turtle that was seen nesting (but not confirmed) this morning, returning to the water at 6:00 AM. This occurred at the Diamondhead Lookout. No photos were taken.


The contact, Lloyd, was concerned that the eggs may not have been laid above the high tide line. He is a frequent surfer of the site, and said he will be back tomorrow morning if we need help finding the nest for any reason, or could be available later today if needed. Shandell - I also called and left a message on your cell phone with this same message.

223-1973

(12)

POSTAL MAILED

SAMPLES TO JOHN ZARDUS 5/11/12

1. Dried Skin ^{KBAY ARNOLD'S REEF} BAENACLES from ^{HAWAII} C.m. ^{PITTAG ID}
SCL 55.5 5/11/11  4A110F3B75

2. 1/27/11 LL4109 Set13 SCL 57.3 ^{olive ridley} Skin BAENS

3. 4/29/11 Kapa SCL 89.4 cm SKIN BAENS

4. 9/11/11 LL 4028 Set14 SCL 58.7 olive ridley

5. 11/3/11 hawksbill Hanauma Bay SKIN BAENS

6. 12/12/11 C.m. SCL 71.50 BAENS carapace

Tuesday 5/15/12

~~Ward ceiling~~

to Jeff Polovina

Meeting

DATA BASE MOVE
BACKUP Body

~~Abstracts~~

Frank too

"Fake it until you make"

Ask Kyle hawksbill meeting.

Grand ^{seed} → feedback

- Gifts -109

- Praise

- Let me know if discomfort ~~accept~~ TRY TO do my best to convert



United States Department of the Interior

ADDRESS ONLY THE DIRECTOR
FISH AND WILDLIFE SERVICE

131

FISH AND WILDLIFE SERVICE
WASHINGTON, D.C. 20240

In Reply Refer To:
FWS/WFO PRT 2-6842

JUL 29 1980

Dr. Richard S. Shomura
Director, Honolulu Laboratory
National Marine Fisheries Service
Southwest Fisheries Center
Honolulu Laboratory
P.O. Box 3830
Honolulu, Hawaii 96812

Dear Dr. Shomura:

This letter is in reply to your July 16 request for a threatened species permit to work with green sea turtles (Chelonia mydas).

50 CFR 17.31(b); enclosed, provides that any employee or agent of the National Marine Fisheries Service (NMFS) who is designated by his agency may, when acting in the course of his official duties, take threatened wildlife to carry out conservation programs. It appears from your application that the proposed sea turtle identification project falls into this category. No permit is required but anyone working on the project should be so designated in writing by NMFS.

Since you do not need a permit to conduct the activities you propose, your application for a permit is denied. As provided in 50 CFR 13.21(d) enclosed, you may submit additional information or justification why your permit should not be denied. Such further submission shall not be considered a new application, but should be received in this office within 30 days of the date of this letter.

Please contact Bob Batky of this office (703/235-1903) if you have any questions.

Sincerely yours,

Donald G. Donahoo
Chief, Permit Branch
Federal Wildlife Permit Office

Enclosures



132

Prepared January 9, 2012

A reduction of MTRP's budget down to 623K was programmatically catastrophic in terms of meeting local, national, and international marine turtle research commitments in the Hawaiian Islands, in the South Pacific, and in East Asia. Specifically:

1. **46.1 K** An existing high-value JIMAR Marine Turtle Research Associate position has been eliminated. As a result, seasonal fieldwork of nesting turtles at French Frigate Shoals will cease for FY12 and a 39-year dataset for nesting trends will discontinue.
2. **15.0 K** Funding has been reduced for Argos/CLS services required to sustain consistent satellite data received from satellite tags on turtles currently transmitting at sea.
3. **19.6 K** There has been a significant reduction/alteration of the Center's 30-year turtle stranding research program. Basic supplies and shipment of turtles has been reduced, therefore the expectation of the public for responses will not be met, and the incompleteness of the long-term dataset will be adversely affected.
4. **4.0 K** The contract for veterinary services, mandated by both NMFS and JIMAR/UH IACUC assurance agreements, was revised and reduced.
5. **23.0 K** In FY12, MTRP is currently unable to purchase a sufficient number of critically important satellite tags for the major project with Southern Stock Endangered loggerhead turtles involving pelagic ecology and fisheries interactions. Faith by French researchers in New Caledonia and in other S. Pacific areas for NOAA commitments has most likely been affected.
6. **43.0 K + 18.0 K** Partnerships of more than two decades duration have been significantly degraded. This includes the USGS National Wildlife Health Laboratory Honolulu Field Station and Hawaii Preparatory Academy on the Big Island of Hawaii.
7. **7.8 K** Fieldwork on Oahu mark/recapture and sampling of turtles will continue at a reduced rate but all such work on the other Hawaiian Islands has been severely diminished with neighbor island travel being cut.
8. **5.0 K** Collaborative work with China PRC just starting to unfold under the Living Marine Resources bilateral USA/China has been reduced to minimal communications based upon a cut of travel expenses.

The above eight elements of program loss have been prioritized 1 through 8. However, their order of priority is exceedingly close, hence a difficult judgement to make.

Turtle Data M
January 11, 2

Data manage

- Who are the
- What report
- these reports
- Do any of th
- categorizing,
- calculations o
- Is all the dat

Turtle Staff T

- 1) Describe th
- Sheet1:
Column head
- List e
- It is a
event

- Sheet2:
Column head
(Jan will supp
- Inclu
- Orde
- Fill in

- Sheet3:
Column head
(Jan will supp
- List i
- The

- In conjunctio
2) Reconcile t
3) Reconcile o
4) Continue d

Data Manage

- 1) Complete t
- 2) Create and
- 3) Complete a
- 4) Complete s
- 5) Integrate e
- 6) Complete r
- 7) Create nec

Turtle Data Meeting

January 11, 2012

133

JAN PAPPAS 1-11-12

Data management questions to always keep in mind

- Who are the users of the data and what do they need?
- What report data are you obligated to provide? Are you collecting all the data necessary for these reports?
- Do any of the reports or any of your research goals require grouping, summarizing, categorizing, totaling or performing other statistical procedures on the data? Ensure that these calculations can be performed.
- Is all the data available from one location (for ease of access, linking, calculating, reporting)?

Turtle Staff Tasks

1) Describe the data

Sheet1:

Column headers: Event_Type, Description

- List each event_type and its description in detail
- It is also necessary to explain when/if a new record is added for a turtle due to a new event occurring

Sheet2:

Column headers: Data_Table_Name, Column_Name, Column_Description, Refcode Table
(Jan will supply template)

- Include each data table (Stranding, Nearshore, Nesting)
- Order by data entry sequence
- Fill in refcode table if the column uses a list of values

Sheet3:

Column headers: Ref_Table_Name, Code, Meaning, Definition
(Jan will supply template)

- List in the order you want to view the data
- The value can be a code

In conjunction with Data Manager:

- 2) Reconcile the description lists (above) with the database
- 3) Reconcile data collection with data entry
- 4) Continue data correction

Data Manager Tasks

- 1) Complete the refcode form and make it available for use by staff
- 2) Create and link Treatments table
- 3) Complete and link Samples table
- 4) Complete scripts to move data to new model
- 5) Integrate existing tags table; move data into table
- 6) Complete new model data entry form
- 7) Create necessary views and reports; make reports available on web

Title : TDPS
 Created : 21 August 2009 12:28:18
 Modified : 01 November 2011 06:52:38
 Author : J. Pappas

T_EVENT_TAGS
 # EVENT_TAG_ID

T_ASSIGNED_TAGS
 # TAG_ID
 # TAG_NUM
 # TAG_DATE
 # TAG_TYPE
 # TAG_POS
 # TAG_STATUS
 # ELECTRONIC_YN

T_TURTLEIDS
 # TURT_SEQ
 # TURTLEID
 # PREVIOUSLY_TAGGED_YN

T_TUMORS
 # LEYE_SZ1
 # LEYE_SZ2
 # LEYE_SZ3
 # LEYE_SZ4
 # REYE_NOTES
 # REYE_SZ1
 # REYE_SZ2
 # REYE_SZ3
 # REYE_SZ4
 # REYE_NOTES
 # LFF_SZ1
 # LFF_SZ2
 # LFF_SZ3
 # LFF_SZ4
 # LFF_NOTES
 # RHF_SZ1
 # RHF_SZ2
 # RHF_SZ3
 # RHF_SZ4
 # RHF_NOTES
 # NECK_SZ1
 # NECK_SZ2
 # NECK_SZ3
 # NECK_SZ4
 # MOUTH_JH_SZ1
 # MOUTH_JH_SZ2
 # MOUTH_JH_SZ3
 # MOUTH_JH_SZ4
 # MOUTH_JH_NOTES
 # MOUTH_GLOT_SZ1
 # MOUTH_GLOT_SZ2
 # MOUTH_GLOT_SZ3
 # MOUTH_GLOT_SZ4

T_EVENTS
 # EVENT_ID
 # TURTLEID
 # EVENT_TYPE_ID
 # EVENT_DATE
 # ISLAND_ID
 # ISLAND_ZONE_ID
 # EVENT_LOCATION
 # LAT_DD
 # LONG_DD
 # SPECIES_ID
 # SEX_ID
 # MOTOTOOL
 # MOTOTOOL_STATUS_ID
 # MOTOTOOL_DESCRIP
 # NEWTAGS_YN
 # RECAPTURED_YNU
 # RESIGHTED_YN
 # SCL_CM
 # SCL_ESTIM_YN
 # SCW_CM
 # SCW_ESTIM_YN
 # CCL_CM
 # CCL_ESTIM_YN
 # CCW_CM
 # CCW_ESTIM_YN
 # NOTCH_CM
 # NOTCH_ESTIM_YN
 # PLASTRON_LEN_CM
 # PLASTRON_ESTIM_YN
 # HEAD_WID_CM
 # HEAD_ESTIM_YN
 # RIFFLIP_WID_CM
 # RIFFLIP_ESTIM_YN
 # TAIL_LEN_CM
 # TAIL_ESTIM_YN
 # CLOACA_LEN_CM
 # CLOACA_ESTIM_YN
 # WEIGHT_LB
 # WEIGHT_ESTIM_YN
 # AXIAL_CM
 # AXIAL_ESTIM_YN
 # LAT1_CM
 # LAT1_ESTIM_YN
 # LAT2_CM
 # LAT2_ESTIM_YN
 # LAT3_CM
 # LAT3_ESTIM_YN
 # TUMORS_YN1

T_STRAND
 # STRAND_OCCURRENCE
 # CONTACT1
 # CONTACT1_AFFIL_ID
 # CONTACT1_PHONE
 # CONTACT1_EMAIL
 # CONTACT1_VIA_PERSON
 # CONTACT2
 # CONTACT2_AFFIL_ID
 # CONTACT2_PHONE
 # CONTACT2_EMAIL
 # RESPONDER_AGENCY1_ID
 # RESPONDER_AGENCY2_ID
 # SEEN_BY_NMIFS_YN
 # CAUSING_OF_STRANDING_ID
 # SWAMP_OUTCOME_ID
 # INT_TURTLE_STATUS_ID
 # END_TURTLE_STATUS_ID
 # HUMAN TAKE IN
 # HUMAN INDUCED_YN
 # TANGLE_HOOK_YN
 # DEBRIS_IN_GUT_YN

T_NRSHR
 # STUDY_SITE_ID
 # EVENT_TIME
 # CAPTURE_METHOD_ID
 # RELEASE_SITE_ID

T_NRSHR_NON_HAWN

T_NESTING
 # TIMEUP
 # TIMEBK
 # NEST_ACTIVITY_ID

T_NEST_NON_HAWN
 # TUMRNK_ID
 # EMACIATION_ID
 # NUM_BARNACLES_DORSAL
 # NUM_BARNACLES_VENTRAL
 # POST_PLASTRAL_SCUTE_YNU
 # FLIPPER_AMPUTD_YNU
 # FLIPPER_AMPUTD_RANGE
 # CARAPACE_DMG_YNU
 # MOUTH_EXAM_YN
 # LEECHES_YNU

T_SATELLITE_DATA

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MOUTH_GLOT_NOTES
 # MOUTH_NAR_SZ1
 # MOUTH_NAR_SZ2
 # MOUTH_NAR_SZ3
 # MOUTH_NAR_SZ4
 # MOUTH_NAR_NOTES
 # MOUTH_TONG_SZ1
 # MOUTH_TONG_SZ2
 # MOUTH_TONG_SZ3
 # MOUTH_TONG_SZ4

- o MOUTH_GLOT_NOTES
- o MOUTH_NAR_SZ1
- o MOUTH_NAR_SZ2
- o MOUTH_NAR_SZ3
- o MOUTH_NAR_SZ4
- o MOUTH_TONG_NOTES
- o MOUTH_TONG_SZ1
- o MOUTH_TONG_SZ2
- o MOUTH_TONG_SZ3
- o MOUTH_TONG_SZ4
- o MOUTH_OTG_SZ1
- o MOUTH_OTG_SZ2
- o MOUTH_OTG_SZ3
- o MOUTH_OTG_SZ4
- o MOUTH_OTG_NOTES
- o ...

T_NESTING

- o TIMEUP
- o NEST_ACTIVITY_ID

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T_SAMPLES

- # SAMPLE_ID
- o COLLECTION_DATE
- o SAMPLE_STATUS_ID
- o STUDY_SITE_LOC_ID
- o SAMPLE_TYPE_ID
- o BODY_LOC_OF_SAMPLE_ID
- o ANALYSIS_DATE
- o ANALYZED_BY
- o STORAGE_MEDIUM_ID
- o STORAGE_LOC
- o COLLECTED_FOR
- o COLLECTED_FOR_AFFIL_ID
- o COLLECTION_REASON_ID
- o NOTES

taken during

T_CLUTCHES

- * CLUTCH_ID
- o DATE_LAID
- o DATE_HATCHED
- o NUM_HATCHED
- o NUM_NO_DEV
- o NUM_EARLY_EMBRYO
- o NUM_LATE_EMBRYO
- o NUM_YOULKLESS
- o DATA_LOGGER_ID

include
for
include

T_EXAMS

- # EXAM_ID
- o EXAM_DATE
- o EXAM_BY_VET_YN
- o VET_CLINIC_NAME_ID
- o VET_NAME

taken during

T_NECROPSY

- * NECROPSY_ID
- o NECROPSY_CASE_NUM
- o NECROPSY_DATE
- o NECROPSY_BY
- o NECROPSY_RPT
- o EUTHANIZED_DATE
- o EUTHANIZED_BY
- o EXTERNAL_EXAM_DATE
- o BODY_CONDITION_ID
- o DECOMPOSITION_ID
- o GL_TRACT_FILL_PCT
- o CROP_FILL_PCT
- o WNOI_YNU
- o PEP_YNU
- o PEP_LOCATION
- o NOTES

include
assoc with
result in

- o TUMRNK_ID
- o EMACIATION_ID
- o NUM_BARNACLES_DORSAL
- o NUM_BARNACLES_VENTRAL
- o POST_PLASTRAL_SCUTE_YNU
- o FLIPPER AMPUTD_YNU
- o FLIPPER AMPUTD_RANGE
- o CARAPACE_DMG_YNU
- o MOUTH_EXAM_YN
- o LEECHES_YNU
- o LEECH_NOTES
- o LEECH_EGGS_YNU
- o LEECH_LEGG_NOTES
- o PHOTOS_YN
- o SAMPLES_YN
- o EUTHANIZED_YN
- o NECROPSY_YN
- o NECROPSY_RPT_ON_FILE_YN
- o EXTERNAL_EXAM_YN
- o COMPREHNSV_EXAM_ON_FILE_YN
- o CAPTIVE_TREATMENTS_YN
- o RELEASED_YN
- o RELEASE_DATE
- o EVENT_DESCRIP
- o HOOK_YNU
- o LINE_YNU
- o NET_YNU
- o TANGLE_OTHER_YNU
- o BOAT_IMPACT_YNU
- o SHARK_ATTACK_YNU
- o PCA_YNU
- o PCA_LOC
- o CA_YNU
- o CA_LOC
- o CLEANUP_NOTES

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T_MONKSEAL_ISL_SURVEY

T_PHOTOS

T_TREATMENTS

a type of
the hdr for during
include

T_CAPTURES

- o RELEASE_DATE
- o CAPTIVE_LOC

T_REHAB

- o CARE_BEGIN_DATE
- o CARE_END_DATE

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MARE staff John Coney and Jill Grotkin huddled with George Balazs of the National Oceanic and Atmospheric Administration's (NOAA) Pacific Islands Fisheries Science Center, Marine Turtle Research Program to evaluate the health and fitness of Hawaiian Green Sea Turtles (honu).

But their session was interrupted when Hawai'i Island Hawksbill Turtle Recovery Project Coordinator Will Seitz reported that a green sea turtle had inadvertently crawled into and became stuck in a freshwater pond at the site of the old Punalu'u Village Restaurant. The distressed animal turned out to be a critically endangered female Hawksbill sea turtle (honu'ea), whose numbers total just over 100 nesting females. Dr. Turner and Balazs initially tried deploying a large net to surround the animal. That is until Turner felt something brush up against him.

"The turtle bumped into me right as we got into the water, then swam toward the other end of the pond," Turner explained. "The second time I felt the turtle swim by I dove under, grabbed onto a hind flipper, and held on until the rest of the team could help. I couldn't see the entire body due to the muddy water, but I could tell it was a big animal."

It wasn't until students and researchers managed to restrain the animal and place it on a scale that they understood the extent of their discovery. At 309-pounds, the female Hawksbill was one of the largest ever recorded. The animal was examined for injuries, measured, tagged, and then released into the ocean as visitors and beach-goers looked on and erupted into applause.

For Balazs, a world renowned sea turtle expert, the episode had a touch of déjà vu. It was just over 11 years ago that Balazs, with the help of UH Hilo Professor Leon Hallacher and a group of university Marine Option Program (MOP) students saved another female Hawksbill from the very same pond.

"George was telling us the story of that Hawksbill as we were setting up, but we had no idea that history was about to repeat itself," said Jennifer Turner.

The latest rescue is apparently known to observers. She is believed to be one of an estimated 12 percent of Hawksbill females that utilize multiple beaches.

The animal was seen nesting a few days ago at Kamehame, where she was first tagged in 2005. She was also spotted there in 2007 in addition to a site at Halape.

How she ended up in the freshwater pond remains an open question. Balazs believes the animal may have entered the pond during the March tsunami and remained there until her rescue. There are also reports that she crawled into the pond sometime this summer after attempting to nest on Punalu'u beach, where a nesting turtle had been reported by the public weeks earlier.

What is certain is that for everyone involved, the rescue of a rare Hawaiian Hawksbill turtle was an educational experience they won't soon forget and one that left quite an impression on the students. "Awesome," said one student when asked how it felt to be involved in the rescue. "I'm seriously thinking of transferring here."

Photos courtesy Jill Grotkin, UH-Hilo:

MTRP - A Previous

MTRP employee

SB
MM
DF
SM

Seasons Greetings!

The girls had a lot of firsts this year. Both participated in their first ballet recital this spring and soccer and swimming over the summer. We celebrated Nora's 5th, and Molly's 3rd birthdays with a Princess Party in June. Nora lost her first tooth, took the training wheels off her bike, and started Kindergarten this fall where she has started to read. Molly continues to love dress up, cooking in her kitchen, and taking care of all her babies (she even asked Santa for more!). She started pre-school this fall and has no problem waving goodbye to Mom while she starts her day.

Patrick continues to fly C-130s for the Alaska Air National Guard 144th Airlift Squadron. He spent 3 months this summer deployed to Bagram, Afghanistan where he flew cargo missions. Upon his return, we treated the family to a Disney Cruise to Mexico in October. The girls had a great time hugging the characters and watching movies from the pool, while Mom and Dad enjoyed the logistics free vacation.

Bridget volunteers at both Nora's and Molly's schools, and is coaching cross country skiing masters again this winter. Perhaps her biggest challenge will arrive next summer, when baby #3 is due! The girls have named him/her, Thunder, and will tell *anyone* they meet that, "Mama has a baby in her belly!" I think they are excited most of all.

The McBrides will be spending their first Christmas in their new Anchorage home they purchased in March. We hope you and yours have a wonderful holiday.

♥ Pat, Bridget, Nora & Molly

Merry Christmas
to the best in 2012
Pat & Molly

12/1

HAVE A VERY
MERRY
CHRISTMAS

*Wishing you a warm Holiday
Season and a happy New Year.
Love, the McBride Family
2011*



© Disney



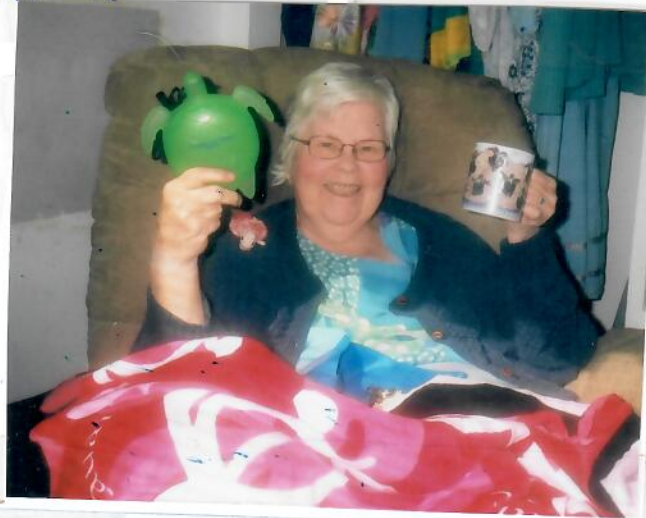
Dr. Marilyn
PO Box 272
Grants Pass

Marilyn

139



Dr. Marilyn Major
PO Box 2722
Grants Pass OR 97528-0234



Hello George! 12/2011

We hope this
finds you healthy
and happy in
your world.

This photo of
Marilyn was taken
the day she opened
your kind gifts.

We wish you a
Merry Christmas and
the best in 2012!

Charlie

PIFSC DOMESTIC TRAVEL (FMC 30-71)
PROJECTED FY 2012
2ND QUARTER

Red Font Indicates non-PIFSC funded

Last Name	First Name	Priority - Rank in order of importance	Travel Dates Start and End	Destination	Justification for Travel	Group Travel? Y or N	Purpose Code:									Cost	
							1 = Site Visit	2 = Information Meeting	3 = Training Attendance	4 = Speech or Presentation	5 = Reportable Conference	6 = Non-Reportable Conference	7 = Entitlement	8 = Special Mission	9 = Other (Must Explain)		
Oleson	Erin	3	January 23-27	San Diego, CA	acoustic database meeting	N	1 = Site Visit										\$2,300
Baker	Jason	4	Feb/Mar	Honolulu	Participate in workshop on predator removal	N	2 = Information Meeting										\$2,000
Salaz	George	5	03/15/11	Punaluu, HI	Cooperative Turtle Research	N	1 = Site Visit										\$500
Oleson	Erin	7	mid-February	Guam, Saipan	HARP refurb + community meetings	N	1 = Site Visit										\$3,500
litman	Charles	10	TBD	MHI	Emergency Response Support	N	8 = Special Mission										\$1,000
Johnson	Shandell	11	5-7 Feb	Maui, HI	Hawksbill research	N	1 = Site Visit										\$500
van Houtan	Kyle	13	Jan 15-20	Denver, CO	Hawksbill, climate research	N	1 = Site Visit										\$2,500

2ND QUARTER														
Division	Last Name	First Name	Priority - Rank in order of importance	Travel Dates Start and End	Destination	Justification for Travel	Group Travel? Y or N	Purpose Code:					Cost	
								1 = Site Visit	2 = Information Meeting	3 = Training Attendance	4 = Speech or Presentation	5 = Reportable Conference		
Parrish	Frank		1	May 7-11?	Silver Spring MD	Managers meeting	N	2 = Information Meeting						\$2,500
Oleson	Erin		2	April 27-May 27	American Samoa -> Hawaii	chief sci for cetacean cruise	N	8 = Special Mission						\$2,500
Bradford	Amanda		3	April 8-30	American Samoa	chief sci for cetacean cruise	N	8 = Special Mission						\$3,000
Balazs	George		6	04/15/11	Kona, HI	NPS Cooperative Research	N	1 = Site Visit						\$500
Yoshinaaga	Chad		7	June 11 - July 1	NWHI	Chief Scientist on deployment cruise	N	8 = Special Mission						\$500
Van Houtan	Kyle		8	27-30 June	La Jolla, CA	Leatherback Assessment Meeting	N	5 = Reportable Conference						\$1,500
Norris	Erik		9	3 weeks in May-June	Guam, Saipan	Cetacean Surveys	N	1 = Site Visit						\$0
Norris	Erik		10	April 8-30	American Samoa	cox'n for cetacean cruise	N	8 = Special Mission						\$3,000
Oleson	Erin		13	early-April	Kona, HI	HARP servicing	N	1 = Site Visit						\$900
Balazs	George		14	08/15/11	Kona, HI	HARP Cooperative Research	N	1 = Site Visit						\$500
Jones	T. Todd		15	27-30 June	La Jolla, CA	Leatherback Assessment Meeting	N	5 = Reportable Conference						\$1,500
Becker	Brenda		16	June 11 - Aug 21	NWHI	Participate in field work	N	8 = Special Mission						\$2,000
Bradford	Amanda		17	2 weeks in May	Guam, Saipan	Cetacean Surveys	N	1 = Site Visit						\$0
Parrish	Frank		20	TBD	TBD	ASTWG meeting	N	2 = Information Meeting						\$0
Van Houtan	Kyle		21	4-13 April	Puerto Escondido, MEX	Turtle Symposium, Leatherback research	N	6 = Non-Reportable Conference						\$2,500
Parrish	Frank		22	Mar 30- Apr 8	Amsterdam, Netherlands	Presentation at 5th deep sea coral meeting	N	4 = Speech or Presentation						\$3,500

Division	Last Name	First Name	Priority - Rank in order of importance	Travel Dates Start and End	Destination	Justification for Travel	Group Travel? Y or N	Purpose Code:					Cost
								1 = Site Visit	2 = Information Meeting	3 = Training Attendance	4 = Speech or Presentation	5 = Reportable Conference	

Division	Last Name	First Name	Priority - Rank in order of importance	Travel Dates Start and End	Destination	Justification for Travel	Group Travel? Y or N	Purpose of Trip 1 = Site Visit 2 = Information Meeting 3 = Training Attendance 4 = Speech or Presentation 5 = Reportable Conference 6 = Non-Reportable Conference 7 = Entitlement 8 = Special Mission 9 = Other (Must Explain)	Cost
PSD	Baker	Jason	1	17 July - 10 Aug	NWHI	4th QUARTER Participate in Research Cruise	N	8 = Special Mission	\$2,000
	Litman	Charles	2	August 1 - 23	NWHI	HMSRP Pick up cruise and seal translocation activity	N	8 = Special Mission	\$500
	Yoshinaga	Chad	3	August 1 - 23	NWHI	HMSRP Pick up cruise Chief Sci and seal translocation activity	N	8 = Special Mission	\$500
	Van Houten	Kyle	4	Sept 3-20	Rose Atoll, Samoa	Green/Hawskill research, training	N	8 = Special Mission	\$2,500
	Oleson	Erin	6	1 week in June	Salpan	Cetacean surveys	N	1 = Site Visit	\$0
	Oleson	Erin	7	mid-August	Santa Barbara, CA	acoustic tag testing & meetings with collaborators	N	1 = Site Visit	\$2,500
	Balazs	George	12	Sept 5-11	New Caledonia	Culmination of logheader research	N	1 = Site Visit	\$4,000

(141)

Frederick Felt
 after say that you saw me
 and during the necropsy
 continued before, in very
 collaboration and in very
 analysis of the samples. Thanks
 you pulled together to get
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 in Kyoto Merry and your
 Sean Keller

Face
 CAT 40

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Frederick YEH

Rebecca

Laura

1

Sea Turtles 911

1/5/2012 Thursday Lunch

1/6 Friday SLP

1/8 Sunday A2

1/9 Monday Kahala

MAO-
LAST NAME

F

MAO

FACE IMAGE STAMP.

ON TAG

Julie Rocho-Levine
 Manager of Marine Animals
 Cell 858-1135

Dolphin Quest Oahu
 5000 Kahala Avenue
 Honolulu, HI 96816
 PH: 808.737.2292
 FX: 808.737.8311
 jrocho@dolphinquest.org
 dolphinquest.org



DOLPHIN QUEST
Touching hearts and minds