

BALAZS

JANUARY 5, 2009
TO FEBRUARY 25, 2010

COMPOSITION BOOK

GEORGE BALAZS

808-286-2899

427154 100 Sheets, 200 Pages

42717 9.75 inch x 7.50 inch

50154 Wide Ruled with margin

INDEX
P. 12-13

VONU IS HANDCRAFTED LAGER
BREWED WITH TROPICAL
WATER IN THE HEAVENLY
FIJI ISLANDS
ENJOY THE CLEAN CRISP TASTE AND
HELP US SUPPORT THE ENDANGERED
VONU DINA MAJESTIC
SEA TITLES OF THE SOUTH PACIFIC

VONUBEER.COM

NO PRESERVATIVES. PURE INGREDIENTS. WATER
SERVE COLD. Malted Barley & Hops, Wheat, Hops & Yeast

4.5% ALC/VOL 330ML 12 PINK
BREWED AND BOTTLED AT THE ISLAND BREWING CO. FIJI ISLANDS 12 STRAWBERRY DRINKS

BREWSAWA & STEE LTD. TRADING IN ISLAND BREWING
COMPANY, EXCISE LIC. NO. 10012 KABANI RD,
NADI, FIJI ISLANDS. PH +679 672 8991

BEST BEFORE: 17-6-10 UCB

2 of 3

FEBRUARY 25, 2010

(74)

See p. 68 photo

ARGOS ID

52699
42699

June 9, 2009 Tuesday

V-727 267 lbs KALOHOTHOLOHAW
ST24 6/48 GB MARC RICE

Cassandra Ogden —
JON JOKIEL ^{Ranger} Len Security

6/11/09 KITTULO

Thursday KAREN ARTHUR, Shendell Brunson GB
MARC RICE HPA student classroom COLONIA
17 Captures including 03, 16 & 50

6/16/09 MAUI ONEOLI (Black Sand Maui)

GB, MARC RICE, Sheryl King, Don Bloom
^{Sheryl}
^{Bobwife} Anita

3 Hawksbills, 1 green turtle

See p. 73

6/

6/19
FR

LANIAI

6/18/09 Thursday Search for L2 & L11 SPOT 55 and TDR5 (75)
Rice & BAZAZS TO CANIATED
NPT found. But tagged baskets at
Police beach and Joctos (AUDREY cave).

6/19 Friday Thierry & vet student, GB, MR & Stacy
bled 8 AAF ^{SLP} greens and examined
2 floaters (better now) in Tank B + Marine
Cops station in Tank C. Stacy alone
weighed & measured.

LAMIAKE

L2 report on beach to drop
to Canishes. ^{+ Tiffany in her own car.} Not there upon arrival.
L11 out to bask - SPOT 5 taken
off - difficult - Some xente peeled up -
Washed a little. Epoxy put over area ^{Blue dyed.}
TDR carrier left as (TDR removed,
taken by MARC). Tagged baskets
at ALI/BI and Joctos.

REF 40
COL 750
CCV 4.0
L1 29.3
L2 26.4
L3 27.0

76

PAPAIOA Turtle
EXCAVATION
occurred
6-23-09

Name: Chris Gerard Excavation Date/Time of call: 6/23/09 11:15
Mailing address: (optional - to send sea turtle literature) 141 front st **Phone: 722-1564(C)
beach tel-745 Papaioa Rd. Email: [redacted]

Haleiwa HI 96712

LOCATION

Where is the turtle located? (name and specific area of beach, driving directions, etc.)
Haleiwa - horse on beach
8:30AM trails came to property - 2 big indentations - possible nesting
never did that before 2 big holes. 1st time contact has been
made

SLP
Psycho
NAME
size
I

notch 74

N^o 2 SLP Release 630pm
 Tuesday June 24, 2009 from SLP
 Across the street

77

10.5# tare

size ZG 64 SLP Speedracer
 NAME

notch 74.6
 SCL 75.3 wt - 153.5# gross - 10.5#
 SCW 58.9 LH 143# Net
 HW 9.6
 RFF 12.9
 CCL 81.5 RH
 CCW 68.5



DNA LH Skin Bx Biopsy

MT (JB) 3rd lateral L + R scute
 L1 = 29.9 Tail T 39
 L2 = 27.0 C 28.5
 L3 = 23.7

SLP

Psycho ZG 66 wt = 132.8# gross - 10.5 = 122.3# net
 NAME

size
 SCL 69.8 notch 69.2
 SCW 55.3 LH
 HW 9.8
 RFF 12.0 RH
 CCL 75.0
 CCW 46.0 Tail T = 26.5



L1 29.3 MT
 L2 26.4 (RB) 3rd lateral L + R Scute
 L3 22.7 LH Skin Bx Biopsy

No 2

SLP Release 630pm

77

Tuesday

Across the street

June 24, 2009 from SLP

10.5⁺ tare

~~size ZG 64 SLP NAME Speed racer~~

notch 74.6

SCL 75.3

wt - 153.5[±] gross - 10.5[±]

SCW 58.9

LH

143[±] N#

HW 9.6



RFF 12.9

CCL 81.5

RH

CCW 68.5



DNA LH Skin Bx Biopsy

MT JB 3rd lateral L+R scute

L1 = 29.9 Tail T 39

L2 = 27.0 C 28.5

L3 = 23.7

SLP

Psycho

NAME

size

↓

ZG 66

wt = 132.8[±] gross - 10.5 = 122.3[±] wt

SCL 69.8 notch 69.2



48581A1F26

LH

SCW 55.3

HW 9.8



483A5B4804

RH

RFF 12.0

CCL 75.0

CCW 66.0

Tail T = 26.5

L1 29.3

C = 19.0

L2 26.4

L3 22.7

MT RB 3rd lateral L+R Scute

LH Skin Biopsy

78

Captain 6/24/09
Bryan Osgood
Pearl Harbor Ship-
Yard

Turtle Sighting
inside SUB Dry Dock
473-8000 x9485

July 3-
July 4, 2009
20th Turtle Independence
Day

N=6 5-2006 ^{2 MALES} _{3 FEMALES}
1-2005

The Smallest - 35.8 cm -
Release from Canoe
M₂ 15 lbs
35.8 cm

MR.
Herrin
did need
phone

Date: Thu, 25 Jun 2009 09:13:43 -1000
From: Mary Ikagawa <mikagawa@hawaii.edu>
To: 'George H. Balazs' <gbalazs@honlab.nmfs.hawaii.edu>
Subject: RE: From George Balazs Re: Oahu north shore turtles

Thanks very much George, your Dietary Shifts article is very interesting and spot on for the question at hand. I wish I had an address for you but in general people don't like to be asked for their address on the basis of a casual call and I didn't ask for it. It occurred to me too that Mr. Herron would be a great person to talk to for his long history on the north shore. I'm so glad you will be calling him, I know he'll appreciate it.
Mary

282-6314 a
B. Watson
received 1
21 19.179N
found floa
~1m mile n
same one.
and no fli

7/2

7-1-09 - 2 (LAST) of 4
Released 6 pm from SCP (79)

7/2/09 MARTIN PETRITZ
found "Small
Hawksbill"

779-3232

"not an ultimatum" - But it was.
Will only tell you if you promise
to give me shell. If not I'll
just keep it.

282-6314 at 5:44 p.m.

6/28/09 Monk Seal Predation
B. Watson (SSG) Case: 1921 Contact: BB Dunlap (375-5594). Page
received 12:30 p.m. On site: 1:300 p.m. Location: Makai Pier. GPS:
21 19.179N 159 40.125W. CCL 44cm. Dead CM, no tumors no tags. CM
found floating near pier by contact. Contact also saw another turtle
~1m mile north being eaten by a monk seal and believes it to be the
same one. When SSG arrived, CM was found under the pier with no head
and no flippers.

NORTH SHORE
LAWIAKEA

(81)

7/23, 7/24/09
Thursday Friday

L2 basking - removed
Spot 5 and TQ RUM 9
(then crossed) ARGOS ID =
from PVC Holder.

Tagged baskers at Haleiwa Alii &
Audreys. Saw Joanne's ANATHO
new home. Visited right of ways 259A
and 258A Waiolu.

~~THURSDAY 7/23/09~~ ~~FRIDAY 7/24/09~~ ~~PAGE~~
July

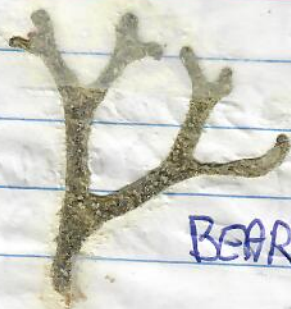
Lunch w/ Kyle VANHOUTEN, ^{FRANK} PARRISH, STACY HARGROVE
Send Kyle to Manjula Pares, need

2) Bennett

3) 5-year saturation ^{FRANK}

use
Tissue - banked

82



NORTH CAROLINA
BEAR ISLAND ~ 7/16/09

STEVENSON



RHY'S

CHEVROLET
"THE DEAL MAKER"
FRED TAYLOR

758 W. Corbett Ave.
Swansboro, NC 28584
JFREDTAYLOR@AOL.COM

Bus. (910) 326-1804
Fax: (910) 326-1004
Toll Free: (800) 849-4436

visited

Follow the turtles' progress at our website!

www.seaturtlehospital.org

Would you like more information about sea turtles?
Please check out the links at our website, too.



SEA TURTLE HOSPITAL
PO BOX 3012
TOPSAIL BEACH, NC 28445

Your tax-deductible contributions are always appreciated!



~ 7/16/09 ~~Emerald Island~~ NORTH CAROLINA
BEAR ISLAND Beaufort

84

Need new #GOST to KT VA by increase by 1700.

553 Am HA flight to KONA.
Dollar Rental car.

"Epipelagic"
is
Down
200 Metres

7/20
7/22/09

July 21 2009
Tues Day

Daxbagh
CAHITATI
NAPUKA

Drove to HOPOKOHAN HARBOR ~ 6:45 pm -
Noted under-cut (wide) under concrete
sidewalk "at same area where Marc &
I walked - mid exit channel south side - where
Marc and I saw so many turtles mid-afternoon

7:00 - 7:20 AM TO Grassy area south side of
Channel entrance - near ACE plaque 1968 -
Harbor construction, Sand Cove BEACH TO left.

Makani Kai III slip at channel end. Next
MAKUIWA (50' Luxury CATAMARAN) Tel. 325-8222

Two men on stern - talked about see large tiger
right there "need to get dead chicken". Short
time later I saw big splash - tiger shark tail in the
air right at mid entrance of channel (where Marc
and I saw turtles on 6/9/09 (V727 attached))

BCIA
Bour
of
S

NEED
stick
TURTLE
Nest

Need
Tack
SKY
That SKI
KONA
sen
TO

7/20 -
7/22/09

SSC Meeting - King Kan

830 AM
HONOLULU TALK - HOTEL KONA
July 21, 2009 TUESDAY

Hotel

green productive region south Australia
around New Zealand extend out to
east but in declining fashion - doesn't
reach all the way to S. America -
but there is a green band all
along South American continent.
Shifting into an El Niño period.

BRAND
Bowen
on
SSC

DON Kobayashi - surface slicks
Oceanography - KONA - 4/2009
Samplings. (Release for further use)

"Mysterious subsurface dynamics -
aggregation of debris."

DATA slide - "Intentionally want to be overwhelming"

" " GAM - Generalized Additive Model
+ variables =

"This is (was) very interesting"

"Amazing Ecosystem - a real hot spot"
Approach Debris.

Need please greens
small tags with
filament
sucks

NEED KONA
stick
TURTLE
Investigations
Need
Reliable
TAGS
SKY
That SKIRT
KONA Coast
send
TO DON

Scientific and Statistical Committee Members

Dr. Stewart Allen (NOAA Pacific Islands Fisheries Science Center), Dr. Judith Amesbury (Micronesian Archeological Research Services), Dr. Brian Bowen (Hawaii Institute of Marine Biology), Dr. Paul Callaghan (University of Guam retired), Dr. Frank A. Camacho (Guam Community College), Dr. Milani Chaloupka (University of Queensland), Dr. Charles Daxboeck (BioDax Consulting Tahiti), Dr. Richard Deriso (Inter-American Tropical Tuna Commission), Dr. John Hampton (Secretariat of the Pacific Community), Dr. Pierre Kleiber (NMFS Pacific Islands Fisheries Science Center), Dr. Molly Lutcavage (University of New Hampshire), Dr. James Parrish (Hawaii Cooperative Fishery Research Unit retired), Dr. Dan Polhemus (Hawaii Department of Land & Natural Resources), Dr. Marlowe Sabater (American Samoa Marine & Wildlife Resources Department), Dr. Craig Severance (University of Hawaii at Hilo retired), Dr. John Sibert (Pelagic Fisheries Research Program), Dr. Robert Skillman (NMFS Pacific Islands Fisheries Science Center retired) and Mr. Michael Trianni (Northern Mariana Islands Division of Fish & Wildlife).

Western Pacific Regional Fishery Management Council Members

Designated state officials: Ignacio Dela Cruz, CNMI Department of Land & Natural Resources; Joe Torres, Guam Department of Agriculture; Laura Thielen, Hawaii Department of Land & Natural Resources; and Ray Tulafono, American Samoa Department of Marine and Wildlife Resources. Designated federal officials: Bill Robinson, NMFS Pacific Islands Regional Office; Jerry Leinecke, U.S. Fish and Wildlife; RAdm Manson K. Brown, District Commander, U.S. Coast Guard 14th District; and Bill Gibbons-Fly, U.S. Department of State. Appointees by the Secretary of Commerce from nominees selected by Hawaii, Guam, American Samoa and CNMI governors: William Sword, recreational fisherman/civil engineer/manager (American Samoa); Stephen Haleck, business owner (hotel and gas station) (American Samoa) (Vice Chair); Manuel Duenas, Guam Fishermen's Cooperative Association (Guam) (Vice Chair); Frederick Duerr, resort and hotel consultant (Hawaii) (Vice Chair); Peter Young, environmental consultant (Hawaii); David Itano, researcher (Hawaii); Sean Martin, Pacific Ocean Producers (Hawaii) (Chair); and Benigno Sablan, cultural practitioner (CNMI) (Vice Chair).

Paper

CHARLES DAX BOECK

<http://oceandots.com>

87

NUKUTAVAKE (Queen Charlotte Is.)

18.45 S, 138.50 W

VAHITAHĪ (Cooks Lagoon)

18.43 (or 18.47) S, 138.50 W

Papeete → HAO → VAHITAHĪ

MARVIA TERUKA ↓

2009 Federal Employee Benefits Training

(89)

7/27/09 FERS Semmar
Monday



David W. Deutsch, CFP, CFS, MSFS
Registered Representative, LPL Financial

1221 Kapiolani Blvd., Suite 910
Honolulu, HI 96814

TEL: (808) 597-9197
FAX: (808) 593-1025
david.deutsch@lpl.com

Securities offered through
LPL Financial, Member FINRA/SIPC

7/30/09 Wildlife Computers
Fedex

2 SPOT 5s to
Rebally

ARGOS ID 50154 # WC #0850601
ARGOS ID 42715(?) #0850597

was at FERS Seminar - knows NANI PAI

Telecom GAIL FUJITA 541-3391

#9 M grant Application - turtle hospital
cell 387-0407

~~4~~

90 FEBRUARY 24, 2010 FROM P. 143
Wednesday LA JOLLA

1145AM

TOMO & KYLE "Modeling CONCERNS IN
TURTLE ASSESSMENTS"

Chris Yates - "Know what the moving parts ARE"

ROFIN - presentation of Critical habitats for GTS
② Finalize GH for DC. ③ Green Turtle BRT status Review

PM ~ 445pm

Accomplishments: Abrupt end

- Leatherback Turtle Watch agreement
- Carter Dutton
- Brian Stacy PhD & DVM

END

2/25/2010 920AM
HA 15 TO
Honolulu

8-109 Telecom

est. waii
WHEA

Gene MADRIADA

PALOALTO Charter School

tel. 345-5239

GENEMADAC@Hawaii.edu

2008
Hawaii
8/3/09
Kyle VAN HOUTAN / STACY HAGROVE
1 PM Meeting
Re Streaming database
analysis

meet
Joy
Kyle
to Kyle

sent Baker
sent Amy Frey

8-3-09 Monday
8-4-09 Tuesday
Micki meet
Kyle meet
Dutton meet

KARA N. Smith

text (8/3/09) ...
...
...

92

July 9, 2009
Sandy Beach
Turtle Ashore
Excavation
Seen

Date: Thu, 09 Jul 2009 11:13:06 -1000
From: JW <makana28@gmail.com>
To: Shandell Brunson <Shandell.Brunson@noaa.gov>
Subject: Re: Report of a turtle at Sandy's beach on Oahu

[Part 2.2: "Attached Text"]

I'd say the turtle was over 3 feet across and no didn't see her lay eggs but she kept digging.
Jonathan Wong

On Thu, Jul 9, 2009 at 8:36 AM, Shandell Brunson <Shandell.Brunson@noaa.gov> wrote:
Hi Mr. Wong,

Thank you for your quick response. Your concerns are justified and your diligence in monitoring and helping this turtle is greatly appreciated. Do you recall the approximate size of the turtle? Did you happen to see her lay eggs or did she go back into the water? We had received another call around 9:00pm that night where the turtle came out on the beach and went back in the water. It is very likely this is the same turtle. We thank you for your patience and understanding as to why we were not able to respond to your page at 2am. This information is important, and we will continue to do what we can to monitor the situation. Please do not hesitate to call again if you encounter the same or similar situation involving sea turtles.

Sincerely,
Shandell Brunson

Sandy Beach Park
8899 Kolanianole
Hwy 96825

JW wrote:

Well while fishing at Sandy's we witnessed a large turtle make its way up the beach and go all the way up to the parking lot. along the top of the beach

* 9/19 GB dug at spot Makapuu side (100 yards) that Regus had photographed - nothing found.

(93)

along the parking lot wall she was making attempts to dig. We were concerned she might try to lay eggs near the parking lot which of course with the heavy sand machines and hundreds of tourist and drunks that hang out there throughout the night something bad might or could have happen to her or her eggs if she succeeded in laying eggs.

This happened around 1:30am around the area of gas chambers far right side of Sandy's and we left around 230 or 300.

According to the pager it might take 30 mins or more so we waited til almost 6am with no call so come 8am when we were called we were asleep.

On Wed, Jul 8, 2009 at 3:35 PM, Shandell Brunson <Shandell.Brunson@noaa.gov> wrote:

Hello Mr. Jonathan Wong,

I work with the Marine Turtle Research Program on Oahu, and we were forwarded a very brief e-mail written by you regarding a possible turtle stranding at Sandy's beach on July 5th. It seems as though you may have tried to page our after-hours number around 2:00am. late that evening. Our contract staff on call reported responding to the page at 8:00am the following morning (7/6/09) and left a voicemail. I am attaching our contact information sheet, which includes our turtle stranding number (983-5730) and after hour pager numbers. Please keep in mind that our after hours staff will typically respond to a page received before 10:00pm and may not physically respond between dusk and dawn due to safety considerations. I would like to discuss with you the events that took place and what you may have encountered at Sandy's in addition to answering any questions or concerns you may have. I look forward to hearing from you.

Sincerely,
Shandell Brunson

94

5th STAC Meeting AUGUST 5-6 2009
Wed, Thurs.

14th Floor

830 Am

Council Office

Baja Aerial Surveys
Jeff presented in BRISBANE locate
Hoyt
conductor on work

Asuka presenting
Fy09 continue 4 on-going projects
+ 5 new projects in preparation

Jeff Kinch - Bouganville leatherbacks Report

title "Location, Activities, Goals,
"objectives"

Need AS report
TW neuronal sy

High Bloom =
Jeff SAORA
Large jellies had
log eating

Hoyt Presentation
"Reducing turtle bycatch"

Worry
about
being killed?
DANGEROUS!
MARCO ETC!

GIFT for
Yoshi

Jeff

89

Never say total Budget
and break-down

need Brisbane

need - video
Japan TO ASUKA

95

ASUKA - SAGA

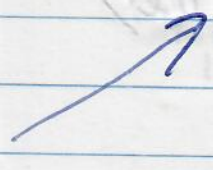
Stranding & necropsy

"withhold for this year"
Await their results

need -
TRAP
Fishing
Jamaica

Hoyt Biotoxin look slim -
Results ^{BACK} from Board Certified

N=44 1996-2006
Tracks



1 turtle per km per year,
Strandings - 500 turtles per year

PLAXA San Lazzaro 2003-2009

2009 observed trip so far 87

Lower this year than ^{past} 5 years

Jelly EAT Red crabs & Fish

Arrogant
FRETTER
TO North
Diving

less
Approachable

(96)

wednesday
8-5-09

"ASKA" Long A

Council funded for
A number of years

not
talk

Bycatch awareness initiative

47% fewer catch or bycatch nets,
no difference in fish catch.

"Value-Added"

"But wait"

Jellies - Different isotope signature
than crabs & fish
Turtles seen
foraging in
nets

None
Polypod is the "flat" line
Squid eating turtles?

Orchard tags tagging Jellies/Energetics



Health assess

Pathology analysis

Terry Spraker, Colorado State

Results N=10 2007-2008

2 turtles minor non lethal
infectious could
be associated w/
biotoxins

~~EVAN need~~
Manuscript Submitted
need & send to Samuff

(97)

- mild parasite levels
- in general, turtles in good condition
no evidence of disease
- 2/10 showed evidence of drowning

Results 2009

4 ~~vepus~~
Research needs

- funding for live analyses
- funding for pathology & histology analyses
- immunology facet

~~Research~~

NICK - unintentional miscommunication

~~Job~~ can you estimate precise number of BJA?

Flipper tagging

9,000 - 30,000 loggerhead

could be considerably age juvenile

(98)

10:45 AM ~~YOSHIMASA presentation~~
MATSUZAWA

loggerhead nesting only in Japan.
STAT nationwide network Natori & Sugama
Good news - Recovery created
OP = 11,038

put from 1998 - Trend Chaloupek et al. in press

Kondo KAMOURA
1950's

print BAE Graph on wall
HIWATA Museum

Raccoons - Imported from N. America

"Mistaken kindness" keeping hatchlings for
daytime releases etc.

Need to count positive of
ages, spawning etc.

Need Published 2002 (Thermal Limits)
Marine Biology

NOTE:

I brought
in Kawazaki funding -
Japan

Thank #1
Kitty



TAKA ISHIZAKI-SAN

need
Ebisu

Assessing the state of Japanese
fishermen and sea turtle bycatch,
causes of stranding - fish bycatch, predation,
boat collisions, deteriorating health,
cold-low temperatures?

need → red tide
float vs sink

Need - MUKOTO
Cultural genion
Thesis
by
~~WANE~~
undergrad

will
Tape
Some interviews,
Will fishers tell you if eat?

DUTTON - Genetics

Meet
w/ Brim Bawen
30 Mex/CA STRANDINGS
(only) Graph
BAA APPAY

Have 95% sure

They need more comment,
Dead/decomposing is ok

Need
TRAP
net
cores

RHYs
TO
Yoshi
Nagaki
TO
MAIL

(100)

Council funding

Language TRANSLATIONS

hilite Asuka Futoshi

PhD
Peter H. Dutton

Anne Trevon

Latest version - See Charlie
SPREP web site - 115 downloads since 2/09

When will user manual be finalized,

UP coming SPREP meeting in November 2009

60004 tags TO FSM

Figure
Green turtle migration tag recoveries

PF 1624 tagged Hybis
NC 1827 tagged

utton
Resamche
SLP?

STAC

Thursday
8/6/09

(10)

DAY 2

Don Kobayashi; only 11 slides
stochastic population models

used
2
screens
for

~~South~~ Pacific Islands Fisheries Science Center
Logo
At Bottom of Each Text slide
Ecosystems and Oceanography Division

PP
Slides

3-75 2-years

well above 70 cm - Hoyt Bija

~~NATALIA~~ → skeletochronology
~~Argentina~~
Abundance
as part
of MASTER'S
THESIS
CARISA
PETERS
Now with
TO SO
Melissa
Teal

PAUL DALZELL
Hawaii longline

- Request Mike Muse
Slide

9 Westward-back in 09?

Life histories?
DNA Biopsies?

102 need - congratulate ASUKA

YOSHI Roundtable

- ① Send TV show morning "Well Kamei" NTK start September + ② New Book on Sea Turtle [Chun. Tokyo Kamezaki Editor]
- ③ ~~Send TV~~ ^{Kyushu} Symposium - Law makers meet MCA + PIRO + NTK support

Need DR. Moon now Director
 This Oct or Nov meeting in Pusan
EMAIL send Taiwan tracks
 JAPAN Fishers

Introduce Yoshi Kamezaki STAJ TO MAYA

Dutton
 Explained about Seminoff split
 Green turtle genetic - IP presentation

Guam N=33; CNMI = N45

green turtle Helen's Reef set track to PNG

ASUKA presentation

Afternoon session 115PM 5-year plan

Conflict?
Nick going
to Paris?

Nick Filchen
Suganata JVA
Doc.

+ Langlene
papers

(103)

development of "STRATEGIC ALLIANCE"

"Lock
IT IN"

Softer approach
illicit spending

August 7 2009 - Friday

KAWAIAUI - M.W. PERRY

N=17

Brenda, ERIC Vetter, DAVID Hyvoh, Kyle [unclear]
Stacy Hargrove, Shawn Mura [unclear], William Connor
Tiffany Hooper,

104

PSD STAFF MEETING

Thea
Rabbit
Island

August 12, 2009 11th Floor
KAPLOANI

Need to prepare list of Accomplishments for performance review.

NOAA only? (2) 9/22 women's Conference ^{STACY} Looking for staff to Rep.

(3) What it is we see getting bigger in the future,

JH=MTRP
we do permits/Bank card/Admin./IACue

MAPIE - Cruise off KONA

Kyle Masters / students passing through - space.

Aft

AUGUST 9, 2009
Sunday, KEAWANUI
N=12
TAKA San + 4 students
from Okinawa

8/18/09, Hanauma ^{from Brazil} CILIANA
TUESDAY from Brazil COLMAN
N=4
JOHN Wang / Todd JONES + Student
Cenny Fumar

August 20 - 22 SATURDAY
2009
Thursday - HONOHOUAI
USUDA / Peter / MARC RICE

W-5 #4-41
" "
" "

ST 24 6/24 ARGOS ID
teponic # 53579 23069
adult-size female 84.9 cm SCL
227 lbs net
Released 8/21/09 Friday night
9/5 PM

+

78.7 cm SCL MATURING
172.3 lbs

106

8/20 Telecon based on voicemail -
Thursday DAN MONROE "Profiles for our
discussions [?] SP ENVIRONMENT" series
conferred with Wende (561) 206-6450

8/28/2009 SAT AM PT
from Joanne Pettigrew
River Turtle seen in front of
her home

2) Hatch last night of 8/28/09 Police Beach
nest = Many hatching prints seen. ~~Need TO call~~

need Thierry Work - Explain
Virology Biology / Immune(?)
Response of decline of disease?
need follow up IMMUNOLOGY

JACK VOLCIK
Ideal fence
55634 29 Palms Hwy
Yucca Valley, CA 92284
(760) 395-4696

Aft

8/25
8/31
Monday
Yucca Valley
Res
Need
Need

8/25 - Tues
8/31/09 Monday

Yucca
work notes
8-29-09
Take in place, hatchling
\$200 antibiotic

Senior DATES
Oct
Ancestors web site

funsh options
10/29
11/19
12/3

Yucca Valley

TRAVEL 1st quarter
STAY 2 TRIPS

JPAW Loshie@sealife park Hawaii.com

PAW 283-3423
J. Brown - Pickup carrier
Pettigrew MT 72 sighted Police beach

Time-Life "The Big Band Years"
operatrop smile.org

TAOYUAN Taiwan Little League Team
7,721 miles Pennsylvania

Wen-Hua, Supg
change your life
DARA BABY BOOK
4 PM hospital (573) 458-7816

K 679 / K 680 / K 681
" " " 1/94 4416 276
" " " 5/98 5513 5016

Resight
Paul
Mau

Senoff MS. Balazs, work, Hargrave
Mid-50s graduated 1976 Yucca

BRIAN SARGANT (mother's home)
7649 ACOMA
YUCCA VALLEY, CA 92284

Need
Need
Need

Fedders AC - look up on web
Recharge

ESTANCIA LA JOLLA Hotel
9700 N. TORREY PINES Rd,
LA JOLLA, CA 92037

Ecosystem =
(Great opportunity
for Hawaii
green
stock

Note
Colette
carry capacity
etc
food subsidy

stea
gus
USA
BAM

Sept. 1, 2009 "

Sept 2-3, 2009 (109)

TUESDAY

Workshop on Ecosystem-Based Stock Assessment of MARINE TURTLES

Steve Swartz

Tier III - Next Generation

includes "behavioral & physiological data"

"comprehensive framework"

EAM = Ecosystem Approach to Management
includes range in contrast to species

Ecosystem - Geographically specified

"Pristine is gone"

"Integrated Ecosystem Assessment"
(IEA)

Steve Swartz

CISA
BALANCE

SAM - DIVISION-INTERDISCIPLINARY APPROACH
As opposed to species

"Ecosystem Assessment for Marine Turtles"

"new modelling techniques"

9/11/09 Tuesday

MARK MAUNDER

ecosystems considerations in fisheries
Stock Assessment

need to exempt modeling papers
exclude at least 1/2 of papers
Chapman

Sea Lions JIM Carretta

FAT Sample - prog. or not
progesterone

Significant contributions from people outside your field
- exchange ideas

Linking to oceanography is essence
of ecosystem - Btsell

Cat Long vs features of water masses
changing

~~After Lunch 905cc~~

145 pm Kyle

Chaloupka Models

N. Pacific Cc

S. Pacific Cc

Taiwan Cc

MELISSA -

(same coastal)

need kolinski et al. paper published

Kyle 9/1/09 Tuesday
biogeography

(III)

Why do turtles nest where they do?
KAMONDA 1955 - 1995 Le nests

Huasa
need
photos
of ~~Biogeography~~

Need photo from
Huasa Cheloniid Museum

~~TINA-
STRANDS~~

SEFSC - Paul Richards
Send SKM TO Beaufort
"pelagic juveniles"rawl
Question: observes part of Center?

NEFSC Heather HAAS

Stock Assessment = Abundance &

Mortality
Question - Clouds / SST? / W. Pacific
How Done

TOMO 2005, 06, 07
Aerials survey

TOMO PIFSC need
Collaboration
leather bags -
TRACKS
But Scott Benson

was referring heads
to Todd Jones

EMAIL - SKM Melissa Re
Sept 2, 2009
Wednesday

email
about
Melissa
Fedex
Meeting
with
Steve

Murawski
Steve
Partnerships
Need
More
Modeling

USAID - Jeff Se & Peter working on funding for Indonesia

Work proposal
Review to Melissa
need Melissa - web site for sighting - maintain/collaborate
How many howbill not yet to Melissa - SCL's?

Jeff Moore - Duke University
only non-agency person at meeting

Age Structure

AQ = "Adult equivalent" population size

Modern
Sea
Turtles
"Turtle PBA"
35 million years
Habitat
170 million for
Dutton

evolutionary-wise
turtles have cracked it
and won the game

soil
Diet
Pelagic
Diet
Edge
green
tu

FIT Reader - SKIPPY have one? • BAYSIAN model

113

- Made up ES
- 30 year
- Savatic grow
- STRANDINGS
- Chalophy et al 2008
- Dutton et al genetics
- Russell & BALES
- Arthur et al.

Heather
HATS
omitted
RO Vehicle
email her
Re cost

Jeff Seminoff - East Pacific greens
139 publications 80 peer reviewed

Need number of publications - Hawaii
Kyle - N45 Maui unpublished Celia Smith
injection wells.

samples

Diet
Pelagic
Diet
East
Green
Turtles

need
Jones & Seminoff 2001 ISTS
caloric requirements
50kg turtles 3.3% of body wt digest.

Frontal zones
Dave Foley

Get - east
low energy diet

Sept. 2, 2009 Tuesday

BASA - N. Mexico

Mancini 2009 - Stranding Evaluation

chapter in dissertation

Edette

do an ecosystem-based stock assessment

Albatross ecosystem-based modelling

Eco-System Based Stock Assessment

SAN DIEGO

Sept. 3, 2009

11:30am

via San Francisco

Depart for Honolulu

El Niño affects nesting " Wade storage of jellyfish

Hawaii, Peter, Alaska, Am Samoa

Josh Am. Samoa Tagging list. (115)

Small Seminar Room

Meeting with Kyle & Frank Parrish 9/14/09 11:10 AM -

12 noon

John Craig NPS

KISO 50070

gummy + turtle

Coastal fishery turtle BYCATCH

THE BIRD IS

Draft agenda for the Workshop on Ecosystem-Based Stock Assessment of Marine Turtles

1-2 September 2009
Estancia Hotel
La Jolla, CA

Hosted by:
Marine Turtle Ecology & Assessment Program
Southwest Fisheries Science Center
National Marine Fisheries Service

Developing ecosystem-based marine turtle stock assessment is a major goal of the Stock Assessment Improvement Plan (SAIP). To advance this element, the Marine Turtle Ecology and Assessment Program (MTEAP) at the Southwest Fisheries Science Center proposed to convene a workshop to identify approaches for ecosystem-based stock assessment for marine turtles. This proposed workshop was designed to bring together expertise in turtle biologists, demographers, modelers, statisticians, oceanographers, and managers.

We will discuss necessary information, including available/obtainable data and analytical tools for ecosystem based stock assessment of marine turtles, while considering a wide range of data availability. The first day of the workshop will be used to share knowledge and ideas from scientists who are involved (or will be involved) in stock assessments of various species. A series of short presentations by the workshop participants will be used to start a brain storming session on how such stock assessment may be accomplished.

The second day of the workshop will be used to apply the first day's discussion to the Eastern Pacific green turtles. We think this stock is an ideal candidate to test the effectiveness of ecosystem-based marine turtle stock assessment. This population is currently considered a distinctive population segment and there is substantial information on demography for nearly all life stages as well as a wealth of knowledge on the marine and terrestrial environments within which this population exists (e.g. California Current large marine ecosystem). We will discuss available data and possible analytical frameworks to conduct an ecosystem based stock assessment in the near future.

Par
Geo
Lisa
Scot
Stev
Jim
Pete
Tom
Chri
Mar
Heat

L/K
9/18/
Friday

Participants

George Balazs (PIFSC, NMFS)
 Lisa Ballance (SWFSC, NMFS)
 Scott Benson (SWFSC, NMFS)
 Steven Bograd (SWFSC, NMFS)
 Jim Carretta (SWFSC, NMFS)
 Peter Dutton (SWFSC, NMFS)
 Tomo Eguchi (SWFSC, NMFS)
 Christina Fahy (SWRO, NMFS)
 Mary Grady (Rappporteur)
 Heather Haas (NEFSC, NMFS)

Selina Heppell (Oregon State University)
 Donald Kobayashi (PIFSC, NMFS)
 Mark Maunder (IATTC)
 Jeffrey Moore (Duke University)
 Paul Richards (SEFSC, NMFS)
 Jeffrey Seminoff (SWFSC, NMFS)
 Barbara Schroeder (NMFS)
 Melissa Snover (National Park Service)
 Steven Swartz (OST, NMFS)
 Kyle Van Houtan (PIFSC, NMFS)

1

LIVE 5690
 Release CAPTIVE REAR AT RICHARDSONS

9/18/09
 Friday

GB STRANDING TRAINING
 TO HILO - Surveyed out to and
 past Richardson's, Pihai Bay clean
 water - small molegt seen feeding - not
 afraid. Lunch w/ Ken & 2 McDermid Ponds.
 Concluded she should proceed with
 Looe and reef survey results from
 Lansi study 3+ years ago.
 Suggested 1-2 ^{SIP} turtles or two at ~~quarantine~~
 VHH facility.
 3 PM - 4:30 PM Stranding training meeting
 with Bryce, Nick, KIA and Jason Turner
 MA flight back to Honolulu 5:35 PM.

118



UNIVERSITY of HAWAII*
WINDWARD
COMMUNITY COLLEGE

Michael Moser
Coordinator
Career and Workforce
Development

Employment Training Center
45-720 Kea'ahala Road, Hale Kuhina #109A
Kāne'ohe, HI 96744

Phone: (808) 386-3602, (808) 235-7365 Fax: (808) 235-7434
Email: tmoser@hawaii.edu
Website: <http://etc.hawaii.edu>

Saw him at airport Hilo 9/18/09 ^{Friday}

MOLOKAI, KAAHALOA + HALAWA
Sept. 15-16 2009 (19)

9/15/09 855 AM departure AIRLINES
TO Hanalei. ALANO Car Rental,
Drove to Lil MACMILLANS Milemark 4.3

Picked up Molokai Ranch gate keys.
Drove to Hotel Molokai, Restaurant lunch
with Bill Puleoa - discussed Article he wrote for
Hawaiian newsletter about hawkbill sat track attempt
and his feelings about leaving them alone (Some
Mike had the article - need email address

(2) Why no concern about not being able to
take turtles - because they are taking
them already (illegal is bad example for
children)

Drove to Molokai Shores - checked into
Room 203. Drove to 76 gas station
(Byner's Kalama) - talked to Ed Maderos
cooking sandwiches. Partner "Cat" talked
about July 2010 Turtle fishing - before or
after family reunion. Drove to
Halawa Valley - about 27 miles
Beyond ~~16~~ (green and more concrete)
Arrive Halawa Beach - 4pm

SP515109 Drums and
PLACE NAME of the United States
see map of TURTLES of the United States
by ERST and BARBOUR

need
SIGNS

MOKOKAI

9/15/09 noted tire tracks along beach across the
TUESDAY river. Some of this property used a lot
for camping, owned by Detroit family (But
appears there now). Walked along beach
to the right fresh (last night) up down, hatched;
seen within first half distance of beach, DIGS
in Naupaka but looks more like aborted. Two
other apparent excavations closed in direction
of TOWN A FORT. Met 7th grader - father, Kalani
owns flower farm up Hoku valley road where it
forks; NATHA OLELO PRUET

PRUET

Lives one year in Colorado, one year in Hokuwa.
Three sisters. Knows about turtles Hokuwa -
doesn't go across river due to so many camps.
She saw her dogs dig up eggs - she tried to
cover them, but others (kids) came along and
threw them against rocks.

SIGN - NO CAMPING CULTURAL SENSITIVITIES
Turtle Literature given to NATHA for her class
at Molokai Intermediate School.

KULEANA WORK CENTER @ YAHOO.COM = KALANI PRUET
MolokaiFlowers.com

WA
9/15/09
Tuesda
MM
4.0
Se
Pala
9/16/09
Wednes
Saw the
at rock
month

WAVECREST
CONDO - MM 13 from cliffs

9/15/09
Friday

Noted and photographed "Mokopapa" Rock islet short distance off NE end when driving out of Halawa.

(12)

~ MM
4.0

KAWOA Fishpond - Lil MacMillan's house borders on pond remains, as does Joan Aidem's. Google Shows Controversy of ownership transfer involving a Cecilia Kanihena.

Dinner hamburger at Mokka Burgers. Drove to Kaawala - dark - minimal moon. Blocked gates - Road is good. Walked beach to end - Two Baskets below berm at end - Adult females both tagged ^{PRIOR} (Pit tagged) 2007 at least (Phorek's story). Had flipper biopsies.

See P. 122

To bed ~ 11:30 pm, up ~ 6 am -

9/16/09
Wednesday

Breakfast at Mokka Bakery then drove to Kaawala - met Lil, Joan, Scott, Bill and Frances Feeter, and 2 new women volunteers. Walked beach and discussed. Scott told of dozens of white eggs seen by him when snorkeling. Discussed possibility of relocation of low nests in the future. River mouth dry of water. Rarely seen

Saw the
at rock by
month sea

122

KAAWA LOA

9/16/09 in the post by Joan. There are more nests
Wed. KAAWA LOA to hatch one was just laid last Thursday 9/10/09

Mid-Nov
Hatch

Drove out and back to Halawa. No
tracks so will assume hawk still of 9/14/09
did successfully nest where digs were seen.

Picked up frozen remains from Lili. Visited
w/ Diane Medeiros at credit Union.

Departed Molokai Island AIR ~ 5:25 pm

9/15/09 9pm ^{NIGHT} BASKERS KAAWA LOA,
ON SAND. MOLOKAI

EXISTING
OLD

RH PIT Read:

47ØAØE3A3 4

98.5 cm CCL. (Hind flipper biopsy
taken into SALINE
TO DUTTON)

EXISTING
OLD

Hind = 47ØB22ØA61

LH 7/8 missing - 91.5 cm CCL
(Hind flipper biopsy
taken into SALINE
TO DUTTON)

from JAN PAPAS
data.gov

123

KAUAI Sept. 21, 2009
TUESDAY
KAAKAANUI (Larsens Beach)
w Don Heseock
N=94
Excavation 91 hatchlings
Released 200 hatched, 1 partial dead
Poipu - Mimi O'Leary + LifeGuard
Roy YAMAGATA
Fedexed - Loan = Banner, Pit Reader, Red Rope, Red Rope, Plastic Signs "stay behind Red Rope"

Notes:

← YAMAGATA

004965

09/24/2009



Kauai
Larsens
(KAAKAANUI)

124



SKIN
9-17-09
Bopsy
Samples
Flippers
via Lab
Number
Turtle #

SEA LIFE PARK

Jeff Pawloski
Reading
TURTLE
LAGOON
(125)

* DEPENDENT CARAPACE

				PIT	PIT	VIAL #
	"A"	80.3 cm	♂	407	2C1749	RT-F7E (6)
	"C"	83.7 cm	♂	NO TAG-METAL	LT-45261355A	(7)
	"P"	83.6 cm	♀	45241B3764	RT-41363959C	(4)
	"KIANA"	84.6 cm	♀	TAG-METAL 11532-RT	4531-RT	(5)
	"MAUI"	88.5 cm	♀	NO TAGS FOUND		(3)
	"L"	76.9 cm	♀	RT-METAL-8477	* 45273D7C23 - LT PIT	(2)
	"W"	77.3 cm	♂	41357156P4A - RT PIT	RT-A423 LT-9905	(1)
	"NUI"	94.6 cm	♀	NO TAGS FOUND		(10)
	"K"	82.2 cm	♀	RT-4135345035	LT-4136007B03	(8)
	"P"	83.9 cm	♀	LT-45241B3764	RT-41363959C	(9)
	"N"	82.5 cm	♀	LT-6498	LT-NOT READ	(11)
BEED SCAMS ON LT CARAPACE	"E"	94.6 cm	♀	RT-41361F4D14	RT-413616302C	(12)
	"U"	89.3 cm	♀	RT-447C7P417A	RT-445467345E	(15)
	"H"	74.7 cm	♂	RT-44520D250E	LT-5105	(14)
SLOW PROLAPSE PROLAPSE	"G"	83.4 cm	♀	LT-424FZE1705	RT-NNW762	(13)

G. BALAZS
Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

Need 21-22 SAT nights Sydney Hotel

2/14/10 Chinese New Year

12/12 Sat. 1231 pm PSp UA 6048
258 pm UA 83

2/28/ANTER
2010

X 12/17 Thurs 244 pm PSp UA 6317
623 pm LAX UA 85 changed need to

12/19 7Am

12/20 226 pm UA 6317
623 pm LAX UA 8

need to call 12/17/09
need ticket
= 0162193
822 398
Confirmed

HA 80903369
Certificate 45% off coach

Memory Air #
SAT 12/12 204 810am -> 335pm Ticketed
#214 TO 10/18 1159 pm HST 10/17/09
DOMELW

Enterprise one way need
LAX 12/12 RW 83RB LAX 866-207-8836
166.79 Return 12/17

Sydney Airport Holiday Inn
Samford
7929 0164 3640
Night of

127

Still need 21-22 Sydney Harbor area
Hotel - Holiday Inn Old Sydney
Kimberly

from
Page 145

NMFS Pacific Sea Turtle Meeting
FEB 23-24, 2000

March 8 Decision on DPS Coveita

John Wang - "Shark shape" - INATE
HARDWIRED - captive reared Ce
fled from Shark shape.

BEIAN
STACJ

STONTIUM ALUMINATE (SrAl₂O₄)
Absorbs energy from sun then glows.
Pound nets - STAJ.

"funds from central gov"?

Need Translation of AKANE (MIKISATO)

STAJ data to JOHN - PIRE contract approval
to WPRFMC - Re MIYAMA pound net

*MINAMI-CHITA Beach land Aquaridans *
6 tested designs - only 1 allowed escape

ASUKA - final report need STAJ interviews

[Lunch] Then Todd Jones - Do foreign ~~etc~~
Energetics - "leather back conservation they"

NO "MTRA" AT SWFSC
KASKINA - Russian worker Fishdiets
TAVENPORT BALANS Do
SAD Presenting to

129

(23)

830 AM

3Q

10/20/09 SCOR

kyle presentation
FRANK = "Ask hard questions"

TUESDAY Meeting -
"9 DISTINCT DPS"

"Pacific Breakdown by BRD"

Southwest

Indo-Pacific

"NO LINK TO DPS WORK?"

Time-series analysis

→ Florida population growth

"He lectured Don"

11 AM Meeting
KYLE / Thierry / STACY
Small Conference Room

Graphic
MTRP stranding vs nesting
Map Delaware coastlines

JAN paper 1999

STACY - impossible to strand
"Human Signature"

+ Green ^{blat} virus
Send Kyle parasite TW paper

sewage INJECTION wells
sewage

Call/email
Wende
NOAA STIMULUS

TW density map of turtles

MATAI

FROM 50%

MATAI

LA → TPE →
Hono Lulu ? (129)



POP FISHING & MARINE

NEIL KANEMOTO
neil@pop-hawaii.com

1133 N. NIMITZ HWY., HONOLULU, HI 96817
TEL: 808 537-2905 EXT. 110 FAX: 808 536-3225
TOLL-FREE (US): 1 800 288-6644
CELL: 808 478-9002
POP-HAWAII.COM

~~SAMOA~~

net
MATAI S/MI TEO PENAIIA Fisherman of turtles
2/11/81 & 2/23/06
his home by earthen Pier ^{STAYED AT AFOY} (SATITOA) _{Beach}
ALEIRATA

2/23/06 MALUA THEOLOGICAL College (Pond w/turtles)

From p. 127 Feb. 23 & 24, 2010
Drag effects. "COST and DRAG"

5% Body Ruler - WMS perimetry hydrodynamic
Antenna 79-100% increase in drag.

Wildlife computers 1-10% spots
Jeff Semiroff - SIE = Stable Isotope Ecology

Ceatherback tracks Solomons n=13
to TASMAN Sea Tasmania, and
Bay of Islands.

Mangula Ceatherback picture J Amersba Med
TO PAGE 141

11-20-09
Sat
South Friday
South Pacific

CNMI * JOHN STAMER worked for JOHN JOYNER
HIRED "MINA" CNMI

Steve Kelly
Kim Mason

Def w/ Kimp & I can
Brown

Population of: SAIPAN Guam

90 FY2009

11-23-09 2:00 PM Monday
Last time w/ Bud
Bud First
Performance feedback MEETING
83% 2.1% increase \$1000 BONUS

PERFORMANCE feedback

2:30pm TO 3:30pm new Frank second
"Succession Planning" what is it?

~~Nov~~ NOV. 25 - 6 DECEMBER, 2009
JAPAN

- 20th STAT SYMPOSIUM - MIYAZAKI
- MUROTO POINT (3+2) = 5 Cc + 1 JUV. C. M. 1 Cc Epoxy
900km TO Fiberglass/Resin
- HIWASA Chelonia Museum (MINAMI)
- KOBE (Kobe Airport Lagoon) 3 Cc All Epoxy
student presentations
- ANPA - Mr. Kurita & Seichi

Dec

12-11

with item



~~Apple
Hotel~~

See
P. 33

US AIR ~~SUNSHORE~~ No Co
12/25 - 12/31/09

(133)

\$5R OFF confirmation

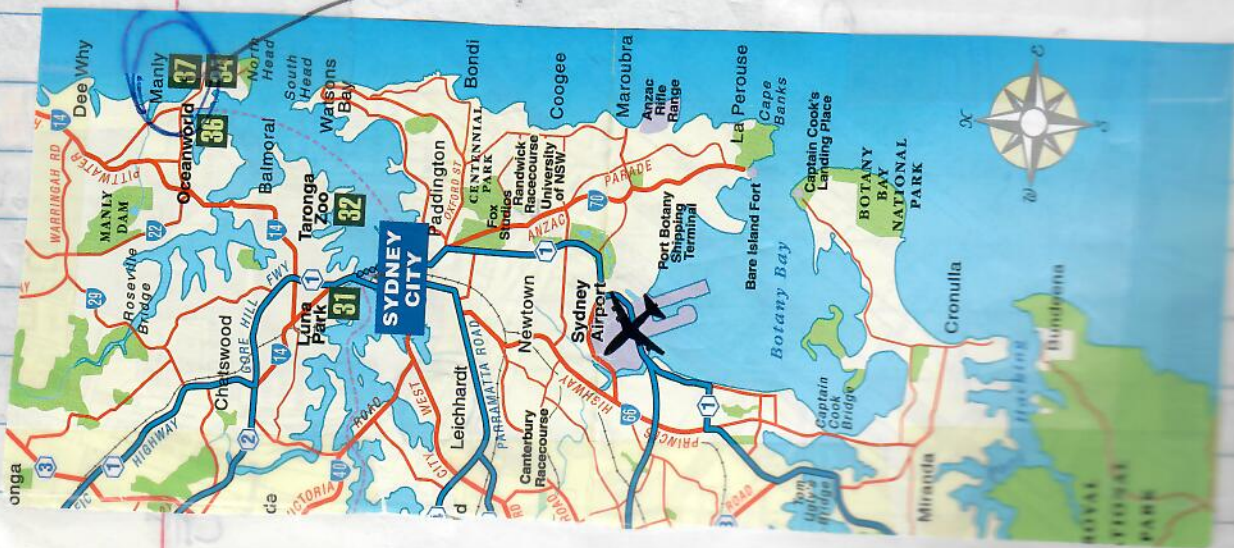
HNL - TO Jacksonville

Best Western Silver Creek Inn
Reservations # 102017
(252) 393-9015

Dec. 12-17, 2009 YUCCA VALLEY

12-11-09 IACVC TRAINING 11Am -
Friday Phone Conference Led by Janet
with Alex
11 PARTICIPANTS Call SIKI
with Irene & Shandell
" COST-BENEFIT ANALYSIS "

INTRUSIVE
INVASIVE



134 IN 1030 AM
Mike Sekis, FRANK, ~~Cotageay~~ ERIN
office

JANUARY 4, 2010 MONDAY
permits and NEPA
Scott Ferguson INTEGRATION MEETING

noted → few hundred in the block MTRP FY09
level-up Scott's salary part

Question - What % between the four tasks?

STAY SB - know or know of?
SKRM SCOTT FERGUSON

SHIP FAX

New Zealand RHAPSODY OF THE SEAS

JAN. 5 - 21, 2010 + 1/21
TA 20040
200

Message Received from

(573) 8555697

LIN and GB - 1/5/2010 TO Sydney
1/8 ABOARD SHIP, 1/8 depart for NZ
HA 1/22
9pm
depart

1-305-603-2919
007
961-541-
8355
Tours

Rental Car
Tar
NAPIER

Wellington

Dunedin



TRAWZ ALPINE + HOME
BUSH
RANCH
CHRISTCHURCH



TV = "TDN Pilot Guides"

TV Programs

135

1-10-10 20.2KT
8pm 340/6.1 S
168 34.0 E 920

CROWN & ANCHOR SOCIETY

9AM 1/19/10 410 46.2 163 80 310 164 VTR

50KT 6.8M 1/20/10 3130 37347.3 156051

START 17.3KT 230m 346 6.1 S 157 5.0 E

9 JAN SAT 9:00-9:20 9 JAN

1-10-10 340 132 165 8.6 9:00

1/19 SAT 11:45 PM 34 9.3 S 160 13.3 E 20.5 KT STEERING 9:10

RECEIPT ONLY

Guest: Balazs, Linda
 Ship: Rhapsody Of The Seas
 Stateroom: 7530
 Sail Date: 07-Jan-2010
 Printed: 06-Jan-2010 4:46 pm

11

QTY	DESC	PRICE
1x	Glow Worm Caves &	59.00
1x	Glow Worm Caves &	59.00
1x	Tranz Alpine Tour	259.00
1x	Tranz Alpine Tour	259.00
1x	Otago's Wild Wond	99.00
1x	Otago's Wild Wond	99.00
1x	Seal Coast Safari	119.00
1x	Seal Coast Safari	119.00

PAYMENT

Prepaid 1072.00

Prices shown in USD

PLEASE CHECK YOUR TOUR TICKETS FOR DEPARTURE TIME AND LOCATION

NATURES WONDERS
Naturally

Taiaroa Head
Otago Peninsula
Dunedin
New Zealand

see yellow eyed penguins, New Zealand fur seals, sea lions, cormorants and blue penguins

OVER

Need To Send Book Sirtrack Library

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SIRTRACK
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Curator 9311-3379

Libby

Elizabeth Hall
Manager
Veterinary Quarantine Centre
Taronga Wildlife Hospital

Taronga Zoo
Bradleys Head Road Mosman
PO Box 20 Mosman NSW 2088 Australia
Tel 02 9978 4751
02 9969 2777
Fax 02 9978 4516
lhall@zoo.nsw.gov.au
www.zoo.nsw.gov.au

TARONGA ZOO
WESTERN PLAINS ZOO

Zoological Parks Board
of New South Wales

Need To Send

1/21/10

TARONGA
CONSERVATION SOCIETY AUSTRALIA

SPBT 559139

IDs 57153 42711

TO PHILIP ANNE PHILLIPS

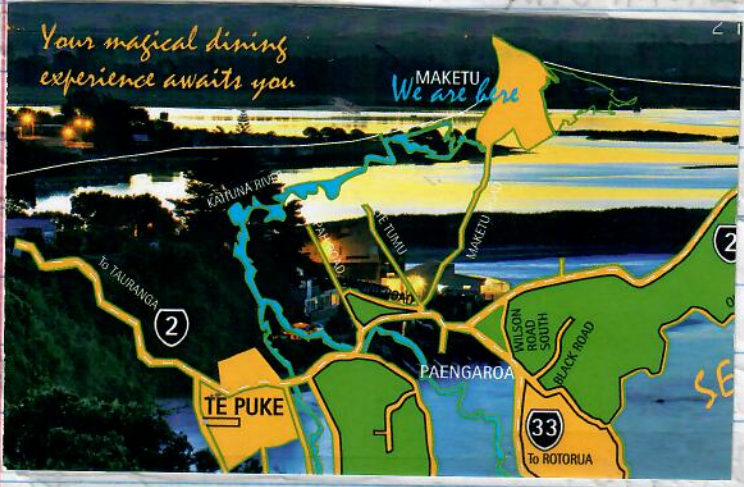
Dr Kimberly Vinette Herrin
Veterinary Officer
Taronga Wildlife Hospital

T 02 9978 4671 F 02 9978 4516 M 0439 432 917
E kimberlyv@zoo.nsw.gov.au
Taronga Zoo, Bradleys Head Road, Mosman
PO Box 20 Mosman, NSW, Australia, 2088 www.taronga.org.au

1/22/10 LOAN HOWE

over

Date	Day	Time	Port
Jan 07, 2010	Thursday	01:00PM	SYDNEY, AUSTRALIA
Jan 08, 2010	Friday	06:30PM	SYDNEY
Jan 09, 2010	Saturday	12:00AM	CRUISING
Jan 10, 2010	Sunday	12:00AM	CRUISING
Jan 11, 2010	Monday	09:00AM	BAY OF ISLANDS
Jan 11, 2010	Monday	06:00PM	BAY OF ISLANDS } 1
Jan 12, 2010	Tuesday	07:00AM	AUCKLAND
Jan 12, 2010	Tuesday	06:00PM	AUCKLAND } 2
Jan 13, 2010	Wednesday	07:00AM	TAURANGA
Jan 13, 2010	Wednesday	03:00PM	TAURANGA } 3
Jan 14, 2010	Thursday	11:00AM	NAPIER
Jan 14, 2010	Thursday	06:00PM	NAPIER } 4
Jan 15, 2010	Friday	09:00AM	WELLINGTON
Jan 15, 2010	Friday	06:00PM	WELLINGTON } 5
Jan 16, 2010	Saturday	07:00AM	CHRISTCHURCH
Jan 16, 2010	Saturday	06:00PM	CHRISTCHURCH } 6
Jan 17, 2010	Sunday	07:00AM	DUNEDIN
Jan 17, 2010	Sunday	06:00PM	DUNEDIN } 7
Jan 18, 2010	Monday	08:00AM	DUSKY SOUND } CRUISE
Jan 18, 2010	Monday	09:00AM	DUSKY SOUND
Jan 18, 2010	Monday	11:30AM	DOUBTFUL SOUND } CRUISE
Jan 18, 2010	Monday	12:30PM	DOUBTFUL SOUND
Jan 18, 2010	Monday	04:30PM	MILFORD SOUND } CRUISE
Jan 18, 2010	Monday	05:30PM	MILFORD SOUND
Jan 19, 2010	Tuesday	12:00AM	CRUISING
Jan 20, 2010	Wednesday	12:00AM	CRUISING
Jan 21, 2010	Thursday	05:00AM	SYDNEY



New Zealand
From
TAURANGA
Port