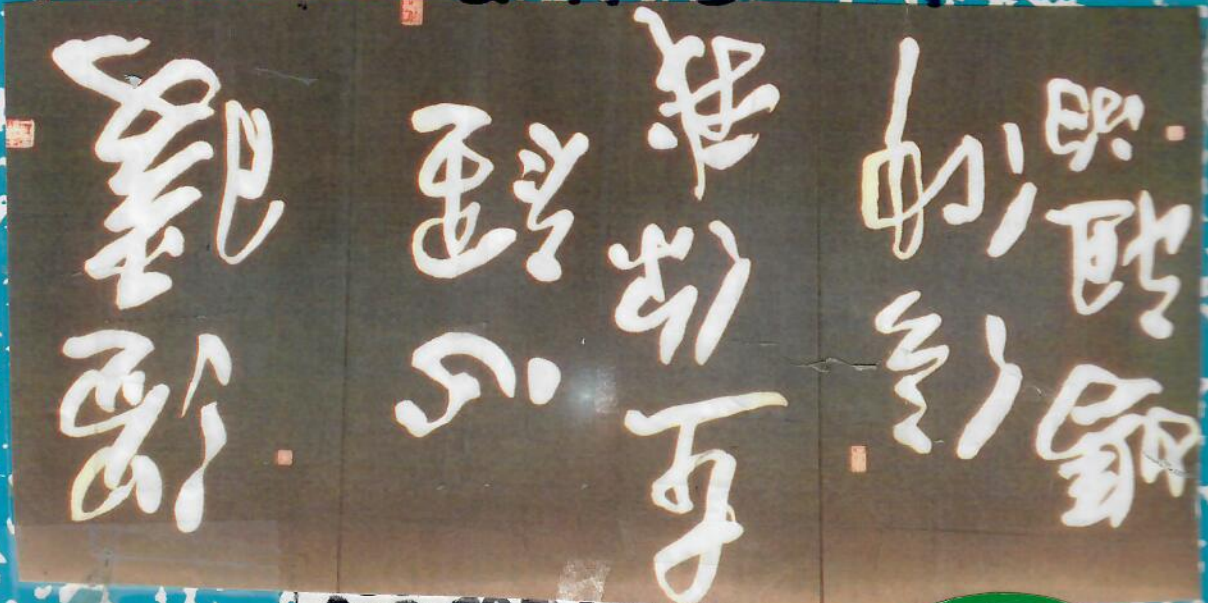


G.H. BALAZS



808-395-6407

744 (6454 4?)

JUNE 2013 - 31 DEC 2013

1212

BALAZS



2 of 3

4C3C6A2609



BEAM ME UP SCOTTY!!!



4C3C610000

© 1985 LONESOME FACE, INC TULSA, OK, USA

College Ruled

100 Sheets

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

"Build Me"

"EXTINCTION RISK" (71)

26 AUGUST 2013 SRT 8AM - 1030AM

MONDAY

meeting

9 people on Mediterranean DPS - # 13

STACY - Turkey 25% of nesting

PVA 33% trend

64% Abundance Reference STABLE now

Cyprus & Turkey - 2 stocks - structure

Relatively low

Keep EVEN IN our focus - Jeff

DPS 3 South Atlantic

Jennies

Vote by Wednesday COB

16 on Sept 16

DPS 2 Mediterranean 400-1000 Turkey Cyprus SYRIA 25% is largest AKYATAN Turkey

DPS 3 South Atlantic 33,3,3, -1,1 / 0,0,10,80,5,5

29,016 females - 14 countries

But 3,332 45.8% largest

FP threat to persistence of DPS

Tourism = threat

90 2 2 1 2 -1 2
30 40 20 10 0 0

72

STUFFED Turtles Keith Chavan
August 27, 2013 T

"style" Marie Laniaka Volunteer
8/15/13 371-3854

Keep to 3 pages.

Performance Accomplishments
with Frank 10-11AM

8/27

8/27
Wed.
6

8/27
T

8-27-2013 TUESDAY

CAPS Briefing by Mike Seki

OCT 10, 2013

10 years

Mike Seki deadline to headquarters

11/2/13 Effect for pay increase

60-79 "fully successful"

80-85% of all staff

Employee Reconsideration Rights

Not Reviewable =
performance Plan

BONUS Decisions

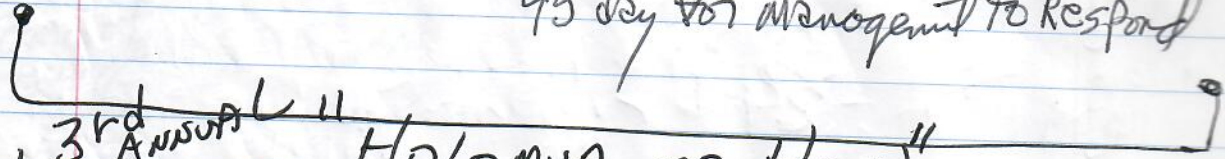
Reviewable

15 calendar Days

8/27/13
SEKI

(73)

Formal Grievance 10 Days
45 day for management to respond



8/28/13 Mokulele 345 pm depart. Moe Cheryl King
Wed. Night AT NOTHONANI. Big Basket by Lecture
6 - 2 year olds Law Chaus - photos
1030 AM Release KAANA PALI

8/29/13 530 pm Return to Honolulu
Thursday

Date: Wed, 28 Aug 2013 12:04:00 -1000
From: morrisr005@hawaii.rr.com
To: Balazs George <gbalazs@honlab.nmfs.hawaii.edu>
Subject: bands

AVMA opinion on bands

WELFARE CONCERNS ~THE SCIENCE, RISKS, SEVERITY, AND ADVANTAGES

Acute pain ~Application of a tight band around the tail produces extraluminal compression of the arteries and veins, resulting in impeded arterial flow and venous drainage in the tissues. Lack of perfusion compromises the supply of oxygen and metabolic substrates to the tissues and results in ischemia. Continued ischemia induces severe cellular damage and coagulation necrosis.^{16,17} Ischemic lesions of the intestinal tract or limbs are known to cause pain during the acute phase, followed by decreased pain as the lesion progresses. The greatest challenge for determining the severity of pain associated with tail docking in cattle lies in an accurate assessment of signs of pain in this species.

74

"Home Neutering" is a Form of Torture... and It's Illegal

Shop for Pet Products
January 16, 2013 | 4,495 views

By Dr. Becker

This subject is so disturbing I can barely tolerate writing about it, but I feel I must in case there's anyone in my reading audience who might be considering doing this to their own pet.

The SPCA in Saskatchewan Canada is concerned about the number of reports recently of dogs who have suffered at the hands of owners who've attempted "home neutering." Apparently many of these dog owners have used "Elastrator" bands, which cut off the blood supply to the testicles.

The Saskatchewan Veterinary Medical Association's (SVMA) Animal Welfare Committee calls these bands "an unacceptable method of canine sterilization." No kidding.

According to Dr. Judy Currie of the SVMA, the banding causes extreme pain, is not always effective, and often results in self-mutilation and secondary infections as the animal licks himself in an attempt to ease the pain or remove dead tissue.

Many of these poor dogs wind up needing medical care and surgery to repair the damage and be successfully neutered. Needless to say, it ends up costing the owner much more than if the dog had been brought in for a proper neutering procedure performed by a veterinarian.

If You Can't Afford to Have Your Vet Neuter Your Pet, Find a Low Cost Spay/Neuter Program in Your Area

To my knowledge, this appalling "trend" hasn't caught on in the U.S., although there have been isolated cases reported. Fortunately, it's against the law here, as it certainly should be.

If you have a male dog or cat in need of neutering but you're short on cash, please visit the ASPCA site, put in your zip code, and get a list of low-cost spay/neuter programs in your area.

For anyone who may be thinking about getting a pet, PLEASE remember there are costs associated with the proper care of a dog, cat or any other animal.

8AM - 10AM

SRT Columbus #14

(75)

TUESDAY

9/3/2013

TEL 866-564-2991
4888269#

NO TOMO off
NO ROBB off
DPS 6

East Indian - West Pacific

DPS 5 = North Indian Ocean
EARL

finish by
GOAL - END of this month

high level structure
Doom & Gloom

ANUMerie present

EARL - North Indian DPS 5

My Issues - PVA

- Climate change esp. Nest beach erosion
- impact threat to indiv. vs. population
- Hotels Resorts

IAMC

DPS 5

54 sites 58301 15%

PVA Sabah - Philippines just as well

IAMB

DPS 5

42 sites 58000 nests 92%

oman & yemen
3190

9/4/2013
Wednesday

"Employee Guide to
Web TA"

1PM

Seminar Room (A114)

Will
START
10/6/13
PP 20

Sick = 3 consecutive
days

(96)

9/1/2013 - MOKULELE TO MOLOKAI
SUNDAY - 9:55 AM Depart HNL.
"CESSNA CARVAN"

LARRY BENDER KAWAIALOA

DIANE PIKE

BILL FRANCIS Feeter

Shells = 92 + 3 not hatched, no
feeling of embryos inside

West KAWA LIONUI Bay - 2 years
ago DIANE saw photo of
several. Mike says lots of camping there
vehicles on beach.

3:30 pm returned to HNL.

2:30 pm Permits PART 2. French's
9/4/13 "Comfortable Community" Furtie
Wednesday Meeting

9/10/2013 HANAUMA BAY
Tuesday N=10

Thursday
 Depart
 5 Sept. Friday
 1:55 AM 6-9 Monday

TAIWAN

(77)

September 2013
 Hawaiian Air 807 TO TPE. Arrive 6 AM. 9/6 Friday

Bus to Taipei Station. MTR TO Taipei Teachers Room 611. 12 noon Lunch TEAPANYAKI. MTR TO KUANLU. Night back to NANTHAI Rd Hotel.

9/7 Saturday 8:30 AM - 10:30 AM at Hotel breakfast w/ Jerry & Family. 1:45 PM limited Express TO DALLAS. 4:30 PM arrival. Evening at JENN LANN Temple. DALLAS Hotel

9/8 Sunday - 9:15 AM visit TO HUIWEN May Roast Duck store. photos.
 10:30 AM TO JENN LANN all afternoon & evening.

Draft manuscript summarizing all demographic variables for Hawaiian green turtles		Balazs, George (808) 286-2899	Demographic data are imperative for understanding long-term population dynamics, and are a central feature of quantitative extinction risk assessments. For the ongoing global ESA Status Review for green turtles, Balazs working with Van Houtan will organize, summarize, update, and/or calculate for the first time essential demographic variables for the Hawaiian population of green turtles. This is required for a proper population assessment, but in order to use these for the SRT, it must all be to IQA standards and therefore we need to draft a manuscript.	Planned 3/31/14 To 4/31/14
Conduct in-water sea turtle research and deploy satellite tags, in Guam and the CNMI	Conduct In-Water Sea Turtle Research and Deploy Satellite Tags on Sea Turtles in Guam and the Commonwealth of the Northern Mariana Islands	Jones, Todd (808) 944-2362	PIFSC is developing and increasing scientific monitoring and presence in the Marianas Islands across taxa. For the past two years, the TAG staff have collaborated our agency partners on turtle monitoring, data analysis, and program strategy. In FY14, we will conduct our third site visit to the region, and will leverage U.S. Navy funding to deploy 10 SPLASH GPS transmitters and additional Argos tags. We will interpret satellite tracks and dive data to develop models of high-use habitat areas and will partner with DAWR Guam and CNMI on products.	Deploy 10 GPS transmitters and additional Argos tags on sea turtles in Guam and Commonwealth of the Northern Mariana Islands, and use those tag data to develop models of high use habitat areas. **DO wants to know what the product is: deploying the tags or 'tags & habitat models'？** PLANNED 9/15/14
Conduct nesting surveys and in-water research at Rose Atoll NWR, American Samoa	Conduct Sea Turtle Nesting Surveys and In-Water Research at Rose Atoll National Wildlife Refuge, American Samoa	Van Houtan, Kyle (808) 228-1112	Rose Atoll National Wildlife Refuge is considered a significant area for sea turtle nesting in the South Pacific Ocean, an area characterized with no single large rookeries but widespread nesting at low densities. However, the abundance and phenology of nesting at Rose Atoll is unresolved. In FY14, TAG staff will make their third visit the Rose Atoll, and will be able to identify both the phenology and abundance of females annually visiting the Refuge. We will also attach biotelemetry devices to adults and foraging juveniles to further our understanding of the spatial structure of green and hawksbill turtle populations in this area.	Conduct nesting surveys to identify both the phenology and abundance of sea turtle females annually visiting the Rose Atoll National Wildlife Refuge in American Samoa. Researchers also will attach biotelemetry devices to adults and foraging juveniles to further our understanding of the spatial structure of green and hawksbill turtle populations in this area. PLANNED 6/30/14
Analytical services for PIRO/GC on proposed DSLL Fishery Action and Biological Opinion		Van Houtan, Kyle (808) 228-1112	In 2013 Q4 Van Houtan will complete a draft analysis of the sea turtle population impacts from a 3-year Proposed Action (and ITS) for the Hawaii-based Deepset longline fishery. This draft analysis will be reviewed and finalized in FY14 (Q1) and Dr. Van Houtan will continue to provide post-report analytical advice to the PIRO and GC staff in their preparing a draft Biological Opinion for ESA Section 7 Consultation. In the analysis report and in scientific advice given to the PIRO, Van Houtan will seek to develop quantitative rules for determining when impacts are so low they are essentially trivial and unworthy of detailed quantitative PVAs or other assessment	

78

DPS sites nester abundance table **COMPLETE**

1 message

Kyle Van Houtan - NOAA Federal <kyle.vanhoutan@noaa.gov>

Wed, Aug 28, 2013 at 2:00 PM

To: Jeffrey Seminoff <jeffrey.seminoff@noaa.gov>
 Cc: Heather Haas <Heather.Haas@noaa.gov>, Tomo Eguchi - NOAA Federal <tomo.eguchi@noaa.gov>, George Balazs <george.balazs@noaa.gov>, Robin Waples <Robin.Waples@noaa.gov>, Stacy Hargrove - NOAA Federal <Stacy.Hargrove@noaa.gov>, Dennis Klemm <Dennis.Klemm@noaa.gov>, Patrick Opay <Patrick.Opay@noaa.gov>, Peter Dutton <Peter.Dutton@noaa.gov>, "AnnMarie_lauritsen@fws.gov" <AnnMarie_Lauritsen@fws.gov>, Earl Possardt <Earl_Possardt@fws.gov>, Susan Pultz <Susan.Pultz@noaa.gov>, Michael Jensen <Michael.Jensen@noaa.gov>, Camryn Allen - NOAA Affiliate <Camryn.Allen@noaa.gov>, Erin Seney - NOAA Affiliate <erin.seney@noaa.gov>

All;

Sorry to miss you all on the call the other day. I have before me a near complete version of the "DPS_Sites_Nester_Abundance" table! It's a beautiful thing. Thanks to everyone, your considerable efforts over many weeks have been distilled to this simple, but powerful product.

Some surprises for sure, at least to me. In summary, we have 431 rookeries globally with a standing population of nearly 620,000 breeding females. Tortuguero, Costa Rica is the largest rookery, and accounts for one fifth (!) of the global abundance. The North Atlantic is the largest DPS and neighboring Mediterranean is the smallest. Because of the unique surveys in Australia, that DPS might increase in size if measured more comparably with other rookeries.

Lots of things we could discuss for hours. For one, we've still got some monitoring work to do of course. There are 113 sites (at least) where nesting is not yet quantified. Also, big picture, with a conservative rule of thumb that nesters are 2-4% of the total population, we are looking at a global population of 15-31 million green turtles. I am encouraged by that.

Have fun checking it out, and big mahalo to everyone for playing your important part and putting up with my questions in these tables.

FY 14 MILESTONES

Design and conduct a sea turtle health assessment and foraging ecology workshop in collaboration with Jeffrey Seminoff (SWFSC) and John Wang (JIMAR PIFSC) under the auspices of the Living Marine Resources Panel USA/China bilateral initiative led by NMFS Headquarters	Conduct Workshop on Sea Turtle Health Assessment and Foraging Ecology	Balazs, George (808) 286-2899	In April 2012, George Balazs, John Wang and Jeffrey Seminoff were lead participants at a bilateral Chinese Academy of Fishery Sciences (CAFS) and USA NOAA Living Marine Resources Panel Meeting on sea turtles in Shanghai, Peoples Republic of China. The outcome of this prominent and uniquely historic meeting was the development of a project proposal mutually agreed upon by CAFS counterpart scientists Feiyan Zhang and Huang Honghui. The title of the proposal was "Joint China/USA Living Marine Resources Sea Turtle Workshop at the Guangdong Huidong Sea Turtle National Reserve," with the goal of promoting meaningful 'next step' information exchange in collaborations aimed at ascertaining sea turtle health linked to foraging ecology. The proposed project was subsequently ratified by CAFS and NOAA higher-level leaderships. In this Milestone, a work plan for the workshop will be prepared in concert with Chinese counterparts and delivered to PIFSC Director's Office and HQ. Planning will include analysis and discerning the most feasible cost-effective and scientifically advantageous location for the workshop.	Conduct a workshop with researchers at the Chinese Academy of Fishery Sciences (CAFS) to explore collaborations on sea turtle health assessment and foraging ecology research. Planned 9/15/14
--	---	-------------------------------	---	--

8AM - 10AM 2 hours

(79)

9-16-2013

MONDAY

SRT #15

- ① Discuss voting results
- ② sig portion of RANGE SPR
- ③ wrap up next steps

next call 9/19 8AM

X Highest risk 50% SPR "Risk Threshold"

med CSP CWP EI CNP

- ① Islands another? Susan
 - ② Sea level rise
- How great are threats on portion to one of range
- "109 50 in 100yrs"
ROBIN AT RISK

6 strong 4 190

skip Med-SPR not at issue

Ame Marie JANICE Blumenthal

Robin - "DATA as indicators of status"

SRT #16 9/19/2013 I was sp
/not there for SPR part 2
DISCUSSION

80

SPR language from proposed rule - 76 FR 76987

1 message

Susan Pultz <susan.pultz@noaa.gov>

Mon, Sep 16, 2013 at 8:25

To: Jeffrey Seminoff <jeffrey.seminoff@noaa.gov>

Cc: Heather Haas <Heather.Haas@noaa.gov>, Tomo Eguchi - NOAA Federal <tomo.eguchi@noaa.gov>

George Balazs <george.balazs@noaa.gov>, Kyle Van Houtan - NOAA Federal <Kyle.VanHoutan@noaa.gov>

Robin Waples <Robin.Waples@noaa.gov>, Stacy Hargrove <Stacy.Hargrove@noaa.gov>, Dennis Klemm

<Dennis.Klemm@noaa.gov>, Patrick O'pay <Patrick.O'pay@noaa.gov>, Peter Dutton

<Peter.Dutton@noaa.gov>, AnnMarie Lauritsen <AnnMarie.Lauritsen@fws.gov>

Possardt <Earl_Possardt@fws.gov>, Michael Jensen <Michael.Jensen@noaa.gov>, Camryn Allen - NOAA

Affiliate <Camryn.Allen@noaa.gov>, Erin Seney - NOAA Affiliate <erin.seney@noaa.gov>

III. Draft Policy [p. 77002]

Below, we provide the text of our draft policy, which we developed based on the preceding information provided in this document. Consequences of a species being endangered or threatened in a significant portion of its range: The phrase "significant portion of its range" in the Endangered Species Act's (the Act's) definitions of "endangered species" and "threatened species" provides an independent basis for listing; thus there are two situations (or factual bases) under which a species would qualify for listing: a species may be endangered or threatened throughout all of its range; or a species may be endangered or threatened in only a significant portion of its range.

If a species is found to be endangered or threatened in only a significant portion of its range, the entire species is listed as endangered or threatened, respectively, and the Act's protections apply across the species' entire range.

Significant: A portion of the range of a species is "significant" if its contribution to the viability of the species is so important that without that portion, the species would be in danger of extinction.

Range: The range of a species is considered to be the general geographical area within which that species can be found at the time FWS or NMFS makes any particular status determination. This range includes those areas used throughout all or part of the species' life cycle, even if they are not used regularly (e.g., seasonal habitats). Lost historical range is relevant to the analysis of the status of the species, but it cannot constitute a significant portion of a species' range.

Reconciling SPR with DPS authority: If the species is not endangered or threatened throughout all of its range, but it is endangered or threatened within a significant portion of its range, and the population in that significant portion is a valid DPS, we will list the DPS rather than the entire taxonomic species or subspecies.

On 9/16/2013 2:04 AM, Jeffrey Seminoff wrote:

Dear SRTers,

A short reminder that we have our first of two SPR conference calls tomorrow. Our standard time and call in numbers:

MONDAY, 16 September at 8am Hawaii / 11am PST / 2pm EST. [1-866-564-2991](tel:1-866-564-2991) (Participant code - 4888269#). This call will have a maximum duration of 2 hours.

Agenda for Conference Call #12

1. Discussion of voting results for DPSs 1-11

2. SPR Discussion Part 1.

3. Status Review Final Report next steps.

Talk to you all real soon :)

Jeff

SUMMARY OF 2013 SRT CONFERENCE CALLS

- 13 February 2013 - Conference Call #1: DPS planning (COMPLETED)
- 19 February 2013 - 5-Factor Subgroup Call (COMPLETED)
- 20 February 2013 - DPS Subgroup Call (COMPLETED)
- 10 April 2013 - Conference Call #2: VTP planning (COMPLETED)
- 24 April 2013 - Conference Call #3: VTP planning (COMPLETED)
- 15 May 2013 - Conference Call #4: VTP planning (COMPLETED)
- 29 May 2013 - Conference Call #5: Assessment Report Planning (COMPLETED)
- 20 June 2013 - Conference Call #6: VTP and Vote planning (COMPLETED)
- 18 July 2013 - Conference Call #7: VTP planning (COMPLETED)
- 22 July 2013 - Conference Call #8: VTP and Vote planning (COMPLETED)
- 29 July 2013 - Conference Call #9: (11) Eastern Pacific; (9) Central South Pacific (COMPLETED)
- 5 August 2013 - Conference Call #10: (1) North Atlantic (COMPLETED)
- 13 August 2013 - Conference Call #11: (4) Southwest Indian Ocean; (7) Central West Pacific (COMPLETED)
- 15 August 2013 - Conference Call #12: (8) Southwest Pacific, (10) Central North Pacific (COMPLETED)
- 26 August 2013 - Conference Call #13: (2) Mediterranean, (3) South Atlantic (COMPLETED)
- 30 August 2013 - Conference Call #14: (6) East Indian / West Pacific, (5) North Indian Ocean (COMPLETED)
- 16 September - Conference Call #15: SPR 1
- 19 September - Conference Call #16: SPR 2

Tuesday 1 PM

9/1/13
MTRP

BISHOP MUSEUM

BONE COLLECTION

Can, Lo, Cc, Jc AL Allison

INH
&
GB

Molly
Terry Lopez TO
BP MUSEUM

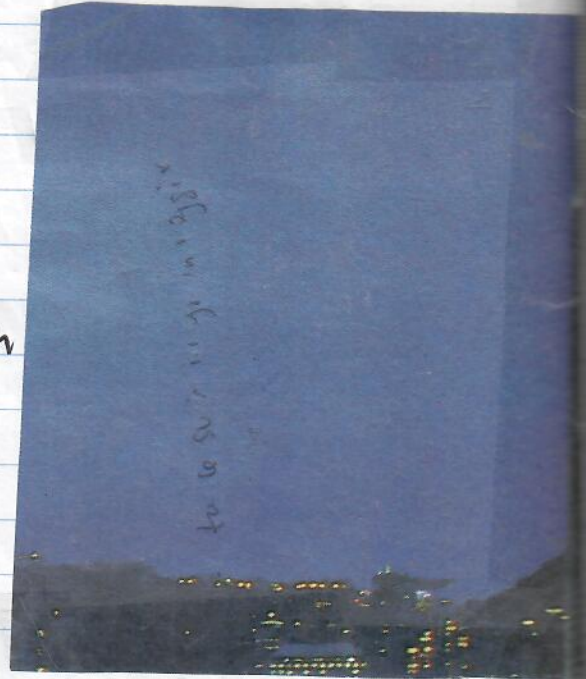
81

To: Edmond KAATEU <edmond-location@live.fr>
Subject: RE: Important- Reserve please- Car Rental October 2,
2013 Isle of Pines (fwd)

STORAGE TURTLE Needs FOR Release

- 1) Turtle
- 2) Paper Money & incense
- 3) Lead weight
- 4) Silicon Cement
- 5) Epoxy in locker
- 6) Coins
- 7) Rice Cake Turtles
- 8) Red PAINT Characters - finger

>
> Edmond location SARL
>
> BP 77 - 98832 Ile des Pins
>
> Tel : 44-29-42 ou 76-69-96
>



"Rhapsody of the Seas"

(83)

18 September 2013 Wednesday
 OCT 5, 2013

Region: South Pacific

Cruise Line: Royal Caribbean International

Ship Name: Rhapsody of the Seas

Cruise Length: 16

Confirmed Dining Requested*: Open MY TIME

Waitlisted Dining Requested*:

Dining with Cross Reference:

Flights Included: No

Category: D2

Cabin: 7530

Departure Date: 9/18/2013

Embarkation Port: Honolulu, United States of America

Disembarkation Port:

CRUISE CONF.

NO. 512682 / 2680

Dining requests are not guaranteed or confirmed until the day of sailing by the cruise line.

ISLE OF
 PINES -

800-39
 RCI 398-981
 9819

866-562
 7625

Included Extras:

Shipboard Credit: \$500

Cruise Itinerary

Date	Port of Call	Arrival Time	Departure Time
18/2013	Honolulu DAY 1		
19/2013	At Sea " 2	--	7:00 PM
20/2013	At Sea " 3	--	--
21/2013	At Sea " 4	--	--
22/2013	At Sea	--	--
23/2013	At Sea	--	--
24/2013	Pago Pago Harbor	8:00 AM	--
25/2013	Crossing the International Dateline	--	6:00 PM
26/2013	Apia	8:00 AM	--
27/2013	At Sea	8:00 AM	6:00 PM
28/2013	Suva/Fiji	--	--
29/2013	At Sea	8:00 AM	6:00 PM
30/2013	Port Vila Harbour	--	--
31/2013	At Sea	8:00 AM	6:00 PM
1/2013	Isle of Pines	--	--
2/2013	At Sea	8:00 AM	5:00 PM
3/2013	At Sea	--	--
4/2013	Sydney	6:30 AM	--

84

MTVchina.com

The Power of Music

MAKI Mori opera singer

"you raising me up to more than I can be."

"The Creative Woman" NTK WORLD

Love is the heart beat throughout the universe that makes my spirit soar

"ARIRANG" KOREAN TV "Korea WIDE"

Sunshine

MTVCHINA.COM

Francis & Betty

f e b u t l e r @ . n z

Piula Theologic College IN LU FILIFI


Mike McCoy's MORE BOOKS; BP Museum Photos & TAPES; HSB ARTICLES HISTORY of Clifford Gessler

MONTLTON; The Tramoto; KEMORY obituary;

POLACID SEAT

"IMAGINATION NATION"

"LIQUID CULTURE"


SEP 18, 2013

Rhapsody of the Seas
BALAZS, GEORGE

DINING ROOM: Edelweiss - Deck 5
 SEATING: MY TIME TABLE #: --- **003**
 FOLIO #: 69088279
 PHOTO #: 0-0

530 PLATINUM

INSERT AND REMOVE

P.10
Wine & Dine
1217144



Rodrigo Martinez

Gerente Comercial

Martinez@gamejoy.com.br

(11) 98500-8584

www.gamejoy.com.br

GAMEJOY MASCOTE

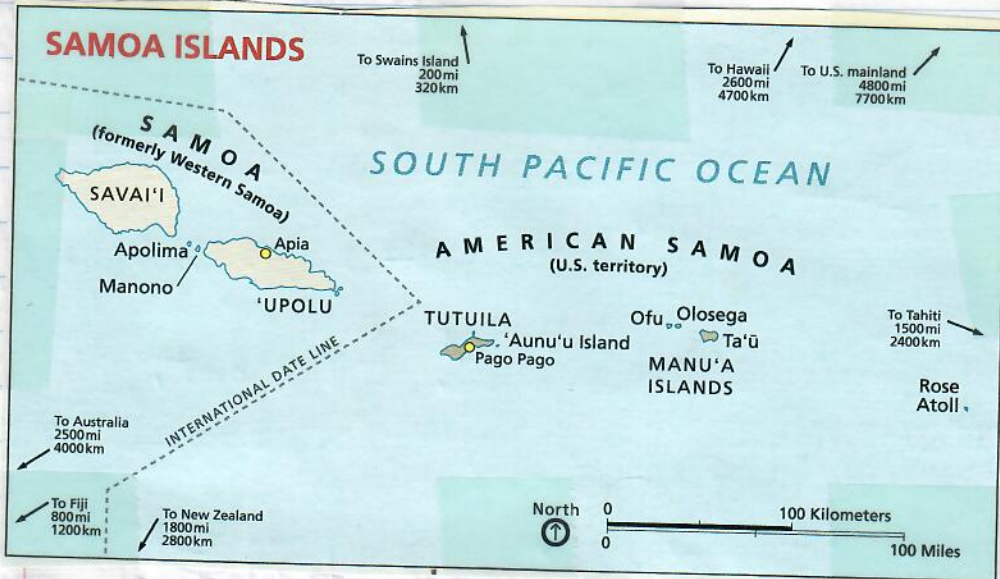
Av Mascote, 486 (sala 15)
Jabaquara, São Paulo (SP)
(11) 4301-1110

GAMEJOY POMPÉIA

Av Pompéia, 1662 (tq 2)
Pompéia, São Paulo (SP)
(11) 4328-4770

9/26/2013
Man & Woman
from Brazil
that we went with
to THEOLOGICAL
College UPOLU, SAMOA

85



10/3/2013 first day out of Isle of Pines
at 25° 23.8 S 162 39.1 E 10Am
? Where we let loggerhead go Sept. 2012

10/4/13
Approaching Sydney 4.5 M Seas, 22°C seawater,
Traveled 05131 NM (=9502 km)

18 Sept. - 5 OCT. 2013

Hotel Kou-Bugny

Baie de Kuto, Ile des Pins

Tél : (687) 46 18 00

Fax : (687) 46 18 23

www.kou-bugny.com

Réservation à Nouméa

Immeuble Le Richelieu

12, bis rue du Général Mangin

Tél : (687) 24 92 80

Fax : (687) 24 92 83

Email : reservation@kou-bugny.com



86

HAB07 2AM

130PM

HAB08

10-16 OCTOBER 2013

TAIWAN -- Luchiu

Chiayi Park + TAINAN (Chukuan Fort MAZU temple BAOAN)

seen
TAINAN
VELVET
NAT

Research Specialist
Tyler's position?
Salary / hr?

Tyler	\$ 2700	\$ 16.88 HR
Trene	\$ 3100	\$ 19.38
EFFS	\$ 4160	\$ 26.00

IREN

SLURP

SAM "Understand Implications"

ERCC = Electrical Receptor
Cash Connection Concept

CAMU

"Necessity & Chance"

Late October ~ 10/26/13
FIRST North snow Reported
Swell of the Season

Sent

~~Need~~
Regina Trejs
OTO B.E. Picht
SUZUKI
DEAN O'SO
Frazier
Ki

GOV. PARTIAL SHUT-DOWN (87)
1-16 OCTOBER 2013
Monday Wednesday

1:30 pm
Oct 22
2013
Tuesday

INVASIVE ALIEN Aquatic Species
Aquatic INVASIVE Species Panel
Hawaii State Capitol Auditorium
JONO Blodgett = DLNA DAR
Field Restoration Supervisor
Goose barns - floats

one person's trash is another's treasure
" CHAN AT Sea Grant Oregon State University
" SAM talk-Podium
" AS Scientist academic... "

Justice because
PhD or DR. in front of name "SOCIAL SCIENTIST"
Don't believe all we say

DR. Andrade - exposure
NIST endocryndisruptors
DR. Jemkeller organochlorides

" PACIFIC RIM MARINE DEBRIS CONFERENCE "

TRACE Boat Oregon Washed ashore
back to JAPAN owner

9/23/13 WED. JANEZ LARSON REAKI'S
Telecom 457-7202 sent + Telecom
+ KRON TV Irene - 542-9475
INVESTIGATIVE Report 12/2013 Patrick - 944-2242

10/28/13 11:12 AM Home call for "McG Belay" sp?
from caller saying NAME IS "Patricia Scholok"
#69 = 1-866-763-9256

TRP MONTHLY

29 OCTOBER 2013 9AM

SB, EMILY, Frank, Todd, Devon, Kyle, GB

Text for everyone for PPlans 14

Need Movement permit to Todd

- 4 meetings =
- ① DATABASE
 - ② Tracking protocols for specimens LIST server ACCESS
 - ③ Permit + coordinator SAP ALTON M. Head. 20-14-21
 - ④ DNR MTR

NEPA meeting Friday PIRO - JIGSAW approach using our EA.

EMILY NOV. 5 CAST DAY 11

PIT TAG amendment, TAKE OUT,

4-70lbs Gov. travel Hawaiian Air?

"Difficult Cases" - Lunatic Fringe

EMILY - Pagers

Ghost crabs

10/29 Tuesday 2 PM 15 min phone talk with Barry Stieglitz FW re FFS

FW Academy at Palmyra down-time

May do a site visit FFS March 2014 vessel on way to Midway.

THURS

- 2nd
- 1) CNP
- 2) East

Jeff J. R. "D" "R"

Team

CNP 10

8 AM
Thursday
SRT #17
31 OCTOBER 2013

1 hr
45 min

89

2nd vote

1) CNP
2) East Indian Weibull
ANNMARIE IS
Sandy now
Added 25,000 animals
to DPS
SWP Tweaks - Heather
near nothing

Revote 48 hrs added 25,000 nesters
Robin - CNP last part
needs Mod.

Individual endangered

DISPAIR

Jeff Sand endangered

U.S. Realm of policy. Biological disconnect.

ESA
96% vs 4%

"Due Diligence" for this DPS.

Jeff - ex. Decision = "Do conduct SPA Vote

"lose everything except FFS" COB Monday
Risk"

"not straight biology" IS
Policy Terms.

Team leads - will get sections by 11/16/13
318 pages now

CNP
10
QUALIFY for designating "Endangered"?
QUALIFY for listing at ALL if it wasn't listed
18M+ spent since 1986-2013. Any of
THE RESULT MAKE any difference to SRT?

(90)

TAM 2639

TEL. # 623470 & 623469
(917) (915)

FEDEX ARGOS ID 71915 & 71917
TO FIJI 11/14/13

Duty Cycle 6/24

> Mr. Laitia Tamata,
> Marine Species Officer,
> WWF South Pacific Programme Office,
> 4 Ma'afu Street,
> PMB,
> Suva +679 3315533
> Fiji Islands.

Liudu
Prize 2 of 3 TO RONNIE
TAM 2639 663468
PLATE Reads
But is supposed to be
553468 ARGOS ID
71914

TAM 2639

TELONICS
FACTORY#

ARGOS IDS

from 6/48
Duty Cycle
Changed to 6/24

- 647951
- 623469
- 647308
- 647929
- 623470
- 647937

Date: Mon, 4 Nov 2013 09:15:32 -0800
From: Denise Parker - NOAA Affiliate <den...>
To: George H. Balazs <gbalazs@honlab.nmfs>
Subject: Re: Fedex with 6 TAM2639's

Telonics	Argos
① 647951;	X71905623469;
② 647308;	X65419
③ 647929;	X50143
④ 623470;	71917*
⑤ 647937	X52704

Fiji WWF
11/13/13
Fedex

GO - MEIZHOU ISLAND

Taipei City AIRPORT

JEFF & LOUISE & CHIEN-CHIEN
2/27/2002
TEIN TAI SHAN = Heaven Mountain

TURTLES, PEOPLE, TEMPLES AND GODS: CULTURAL
ADVENTURES AT XIAO LIU QIU ISLAND BUILDING
CONNECTIONS FOR CONSERVATION BETWEEN
TAIWAN, HONG KONG AND HAWAII
BALAZS, KAYANONG, TIEN-CHENG WANG, YAO-WEN TSAI,
JIAN-WEI ZENG, CHING-JU HUNG, HAI-YIN WANG.

20
13-
I PAID
is
pump
Setty

PBS
HA

2005

13-18 Nov.

I PAINTED Yosemi Roof.

ISTS Abstat / new veg

PUMP Septic 1-3pm Friday 11/8/13

1020AM 11/2/13 "Hello is Linda there"

*69 = 800 733-1116

ASIA sent SALARY USA

91

YAMIN? Liwei? Sent

+11/4/13 236pm *69

= 800-733-1116

11/19/13 *69 808-206-8934

TURTLE CRAAKS MUSEUM (305) 294-0209

SB 286 4359 Person 0879 286

4 nights

7 (1159 pm) 12 Thursday

TUES 830pm

YOSCA VALLEY NOVEMBER 2013

"MEIRAN" DJ

"The [FOUR] P's TO REMEMBER PURPOSE, PERSPECTIVE, PARTNERSHIP AND PATIENCE" "PRIDE OF PLACE" TYPHOON "HAI YAN" Hit Philippines

PBS "Secrets of Selfridges" DEPT. STORE

"Connecting to our PAST helps our lives build a better future"

"Keep Going" C. Rice

HAWAIIAN

\$70,000 by 12/31

38,140

\$31,860 need

Yen, Shang-wen vel email

(12)

UTC = COORDINATED UNIVERSAL TIME =
Greenwich Based ZULU TIME,
"GMT"

need

The last place on earth where any
date exists
Vertical high seas
UTC 13 "Oceania"

11/18/2013 Monday
RDollar, SB, GB, SM, TT, Jones, ^{unshawa} ^{an} ^{Houtan}
ea (DAM - 11:15 am)
SW system planning meeting
for captive care and rehabilitation
of sea turtles at Ford Is.
Kevin Wong & AARON MORIWAKE

60 mins - Sunday 11/17/13
"LANDFILL HARMONICS"

60 MIN overtime.com
"Sometimes our dreams come true - not
through our own lives, but by those
we love very much!"

11/17/13 Sunday
Waialua - Ride ^{to} Re TMR. turtle
they had put in PAIL.
JENNY 224-8416 GINA-778-6790

11/20/13 Wednesday
DYER
TOOK 2 fiberglass tank to
SLP from KRF. 2 TRIPS

CUHK
6/24
11-15-13
Febete

NO

except

Need
web
SITE
PAY

Bldg 13

10-17 APRIL ISTS34
NEW ORLEANS

93

Date: Mon, 4 Nov 2013 09:15:32 -0800
From: Denise Parker - NOAA Affiliate <denise.parker@noaa.gov>
To: George H. Balazs <gbalazs@honlab.nmfs.gov>
Subject: Re: Fedex with 6 TAM2639's

CUHK
6/24
11-15-13
Fedexed

- ① Telonics 647951
- ② 647308
- ③ 647929
- ④ 623470
- ⑤ 647937

- Argos 6 11/13/13
- 71905623469 71915
- 65419
- 50143
- 71917 ← Fiji 11/13/13
- 52704

NOVEMBER 15 2013 KALOKO
 Marc, Laura, HPA students, Sallie STAFF
 kvq Lavi (10) daughter of Park Cultural Practitioner
 N=26 (11 New, 15 Recaps) - Photos of most
 by Marc of plastron - all look ok body condition
 except (1 Robust, 2 Flat)

11/21/2013 Thursday PSD STAFF AT KAP
 Need web site pay
 Denise Collier 9:00 AM
 KRF Seminar
 The Public Streaming
 Irene
 - DOLE MARCH 5-9 MOVE
 - KAP late Feb.
 safety in move
 Bldg 130 - STORAGE
 IRC SKM MOZZ
 My file cabinet
 SA MORRIS test
 IRC-STEVE GALLAGER

Stacy Hargrove - NOAA Federal <stacy.hargrove@noaa.gov>
: George Balazs - NOAA Federal <george.balazs@noaa.gov>

Mon, Oct 28, 2013 at 10:55 /

I'm guessing this will be re-discussed on our call on Thursday since it's been AGES since we talked about it and NEVER voted...

On Fri, Oct 25, 2013 at 3:39 PM, George Balazs - NOAA Federal <george.balazs@noaa.gov> wrote:
getting back to this one--- interesting. And thank you for trying to hold reality by a shoe string in a biased managers world. Curious before I left I asked Kyle, how did he think SPR might apply to Hawaii. His response was- not at all he felt it had no bearing. As you said below "very confusing in my opinion".

How relevant do you feel my fixation fixity (a Dr. Carr word I gently borrow from him) is on the foundation question-- If a nesting island disappears via an accelerated shifting sands of time, what happens to the turtles that nested there? You and I have faith in their resilience- no way would they roll over belly up and die, or never nest anywhere again- go locally extinct. But, are there any even partial examples that can be given from the literature or word-of-mouth? I'm considering tossing this question out on the MTSG global list server. What do you think? Of course NO mention of srt in my message. Pleaser have a nice weekend with John and children :) george

On Thu, Sep 19, 2013 at 10:04 AM, Stacy Hargrove - NOAA Federal <stacy.hargrove@noaa.gov> wrote:

you will have missed this by the time you are checking email, but there were 2 DPS that we are considering for SPR. E Ind/W Pac and CN Pac. I spoke up (very loudly, I might add) that I saw no use in voting again when we are talking about 3.5% of the total abundance. But then Heather spoke up and had a different perspective. She said she might see things differently when there is a sprinkling of nesting throughout the chain vs only at one spot. So, for Hawaii - we are to consider, if there was no nesting anywhere but at FFS, would it change the way you voted. Then you vote and supposedly we have demonstrated that we at least considered the DPS in terms of SPR. very confusing in my opinion...

Stacy Hargrove - NOAA Federal <stacy.hargrove@noaa.gov>
: George Balazs - NOAA Federal <george.balazs@noaa.gov>

Mon, Nov 4, 2013 at

here's what I wrote about my SPR vote for Hawaii:

This DPS ranks 9 out of 11 in terms of nester abundance with ~3800 females. The isolated nesting events outside of FFS are primarily a byproduct of the increasing population trend. In my opinion, the loss of these individuals/sites (4% of total population) would not result in much of an impact to the DPS as a whole.

thoughts on SPR voting

1 message

Jeffrey Seminoff <jeffrey.seminoff@noaa.gov>

To: Heather Haas <Heather.Haas@noaa.gov>, Tomo Eguchi - NOAA Federal <tomo.eguchi@noaa.gov>, George Balazs <george.balazs@noaa.gov>, Kyle Van Houtan - NOAA Federal <Kyle.VanHoutan@noaa.gov>, Robin Waples <Robin.Waples@noaa.gov>, Stacy Hargrove <Stacy.Hargrove@noaa.gov>, Dennis Klemm <Dennis.Klemm@noaa.gov>, Patrick Opay <Patrick.Opay@noaa.gov>, Peter Dutton <Peter.Dutton@noaa.gov>, "AnnMarie_Lauritsen@fws.gov Lauritsen" <AnnMarie_Lauritsen@fws.gov>, Earl Possardt <Earl_Possardt@fws.gov>, "Susan.Pultz@noaa.gov" <Susan.Pultz@noaa.gov>, Michael Jensen <Michael.Jensen@noaa.gov>, Camryn Allen - NOAA Affiliate <Camryn.Allen@noaa.gov>, Erin Seney - NOAA Affiliate <erin.seney@noaa.gov>, Jeffrey Seminoff <jeffrey.seminoff@noaa.gov>

Mon, Nov 4, 2013 at 8:05

Hi Team

I got a couple emails today about our SPR vote and I wanted to share their gist.

First, is an excerpt from an email that Heather sent me today. I think it nicely characterizes what I believe our thinking should be on the SPR voting process.

From Heather:

In terms of our SPR vote, I want to let you know that I thought of cell B-G37 (part 3 of Step 2) slightly differently than how it was written. It was written like this: "Each Team Member will assign points based on the following question: What is your expert opinion about the probability that the DPS will reach a critical risk threshold within 100 years, throughout all or a significant portion of its range?" I found the part about SPR confusing, so I reinterpreted a bit.

For the EIMP, I interpreted it to mean this:

Each Team Member will assign points based on the following question: What is your expert opinion about the probability that the DPS will reach a critical risk threshold within 100 years, WITHOUT THE CANDIDATE SPR (IE., WITHOUT THE 18,258 NESTERS NOT INCLUDED IN THE "SPR ABUNDANCE" TAB)?

This year, Lauren Kurpita began as the part-time PCSU project coordinator, and Liz Ransom the PCSU field tech for the interagency Hawaiian Island Hawkbill Turtle Recovery Project. Despite reductions in funding and volunteer staff, the project was able to continue monitoring at the most critical nesting beaches. From May to December, 14 females (7 new, 7 returning females) and 35 nests were documented at 4 beaches (Āpua Point, Halape, Kamehame, and Pohue Bay). Kathleen Misajon, Charlotte-Forbes Perry, Aku Hauanio, and Melissa Enright coordinated their efforts to monitor and protect vulnerable breeding sites of the endangered Nene and 'Ua'u. During the 2012-2013 Nene breeding season, 47 nest attempts and 21 fledglings were confirmed. Burrow activity is still being summarized for 'Ua'u for 2013. In 2012, 80 nests were checked, with 55 determined active, and 38 fledged bird. Sierra McDaniel's native plant restoration team

For the CNP, I interpreted it to mean this:

Each Team Member will assign points based on the following question: What is your expert opinion about the probability that the DPS will reach a critical risk threshold within 100 years, WITHOUT THE CANDIDATE SPR (IE< WITHOUT THE 11 SMALL ROOKERIES WITH ~ 136 FEMALE NESTERS)?

I used caps to show changes -- caps don't mean yelling :)

Second, an insight that relates to an email exchange I had today with Stacy. With respect to the implications of voting on only the stable/increasing subset of all existing rookeries within a DPS, I encourage you all to think about how not having any declining sites may affect your rankings for the six elements in Steps 1 and 2.

Re: Our Assignments, 6 weeks until the Assessment due date
1 message

Jeffrey Seminoff <jeffrey.seminoff@noaa.gov>

To: Jeffrey Seminoff <Jeffrey.Seminoff@noaa.gov>, Heather Haas <Heather.Haas@noaa.gov>, Tomo Eguchi <tomo.eguchi@noaa.gov>, George Balazs <george.balazs@noaa.gov>, Kyle Van Houtan <Kyle.VanHoutan@noaa.gov>, Robin Waples <Robin.Waples@noaa.gov>, Stacy Hargrove <Stacy.Hargrove@noaa.gov>, Dennis Klemm <Dennis.Klemm@noaa.gov>, Patrick Opay <Patrick.Opay@noaa.gov>, Peter Dutton <Peter.Dutton@noaa.gov>, AnnMarie Lauritsen <AnnMarie.Lauritsen@fws.gov>, Susan Pultz <Susan.Pultz@noaa.gov>, Earl Possardt <Earl.Possardt@fws.gov>, Camryn Allen <Camryn.Allen@noaa.gov>, Michael Jensen <Michael.Jensen@noaa.gov>, Erin Seney <Erin.Seney@noaa.gov>

Hi All,

I wanted to write very quickly to mention that I misspoke when I alluded to my thinking that George Balazs had disdain for the leadership of the SRT group. Getting off the phone now I realized my error in word use and want to clear that up. George, you've been totally supportive all the way through, so my apologies.

Thanks all and HAPPY HALLOWEEN!!!!

Jeff

"LOCAL EFFORTS ARE MORE THAN ADEQUATE"

96

Thu, Oct 31, 2013 at 9:48 AM

HOBBY

20
21
22

(97)

Tuesday
11-19-2013

~ 45 MIN

Telecon 86.136.9896.3449

HAIKOU Jeremy. Trylch@gmail.com

Re green turtle at Wanning SEAfood restaurant

11-19 Telecon 15 MIN. w/ Frederik Re Star-Blue sat. track, Francis. MTN article.

NOTES & QUOTES: 11/20/13 "I didn't know I had a light inside me until someone told me I did!"

"Without Freedom there is no life." Medal of Freedom THOMAS JEFFERSON: The BEST GOVERNMENT IS THE LEAST GOVERNMENT. Freedom from Gov.

"Do not listen to my Advice, listen to the voice inside you."

"There is the law. Above the law there is justice."

"To help predict the future one must look at their past."

"Share the experience"

UNCERTAINTY

"SAY what you MEAN." BUT SAY IT Kindly [AND] WITH SUFFICIENT CARING AND EMPATHY.

ALL

AMITABHA TRUE SINCERITY; Purity of MIND; EQUALITY; PROPER Understanding; COMPASSION.

100

Monday 5th frozen whole turtle shipped to
11/25/2013 Charlayna TEXAS A&M.

1-23 PM TOUR of IRC - My office 115⁺⁺
"RYAN" in charge of LABS

11/27 or 11/26 Hatching st BABY MAKAPUU - dead WAS A
KARLENE PEREZ - release from S
P.O. Box 25723 sent

DEC 3-4, 2013 HONOLULU, HI 96825
Tues. wed. KIHOLU

TRACEY + COLLEEN N=21 4 new, 17 recap
HANK LYNCH

Taiwan

SELF-ESTEEM

- Publish Leadership
- STUDENTS
- NTSG Membership/Leadership
- ISTS
- Seniority / Time in Service
- Government Service

ALL HANDS 12/16/13 AIA MOAWA HOTEL
Schwab & Paul Doherty NMS Budget TR

KATHLEEN DOLE ST. NOAA APPOINTEE years TO FIX
SULLIVAN 12/17/13 "MISSION FIRST"
"...KEY SCIENCE MATTER IN SOME MEANINGFUL WAY"

TELECON
 RANDY HIROKAWA called 8:30 AM 12/19/2013
 Dean UHH Re Punaluu Tagging & Stranding UHH MOP

101

F1 & F2, or Filial 1 & Filial 2,
 are generations after the P, or parental
 generation.

Monthly Meeting

Frank's TURTLE RESEARCH PROGRAM

12/12/13 8 AM Thursday 2013 6 MONTHS

SSG 15 OAHU

2013	66 TOTAL	2012	63
SB =	14 MTRP cut		29 MTRP
	52 SSG BACK IN STAFF		34 SSG
	Euthanized		
	22 6 MONTHS		
	13		

PSP MOP = Cindy / Jeff 18

Kyle [100k year Marsh
 400k year Navy

SKM Hylee / PAULEY - OTD PS outdated JAW used OLD Techniques
 Ability to program - KUH post doc every Friday
 Where changes need to be made?
 SKM is it worth it to MAINTAIN it?

Frank you used system we were working on
 can it be imported into new Framework
 "every thing changes format"
 Oracle didn't work well for fish
 SAD "SEQUENTIAL" SP
 KUH ROSE 19-28 June 3 nights

102

DEC. 2013

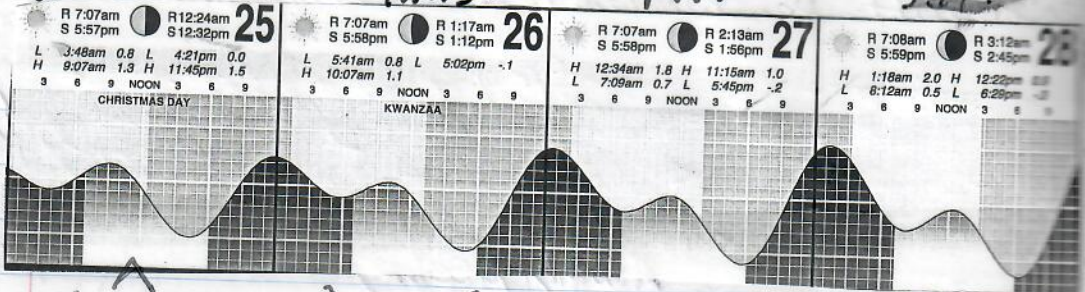
Oahu / MOLOKAI

wed.

Thurs.

Fri.

Sat.



Christmas Day
Pali Lookout
Punch Bowl

Molokai
BiCo Family

Poly Mesian
Cultural Center
AROUND
OAHU

Whale Watch
NAVATEC

4C3B3B1E64

4C3B3B1E64

4C3B3B1E64

4C3B3B1E64

4C3B3B1E64

4C3B3B1E64

4C3B3B1E64

MT - RICH

Happy Holidays



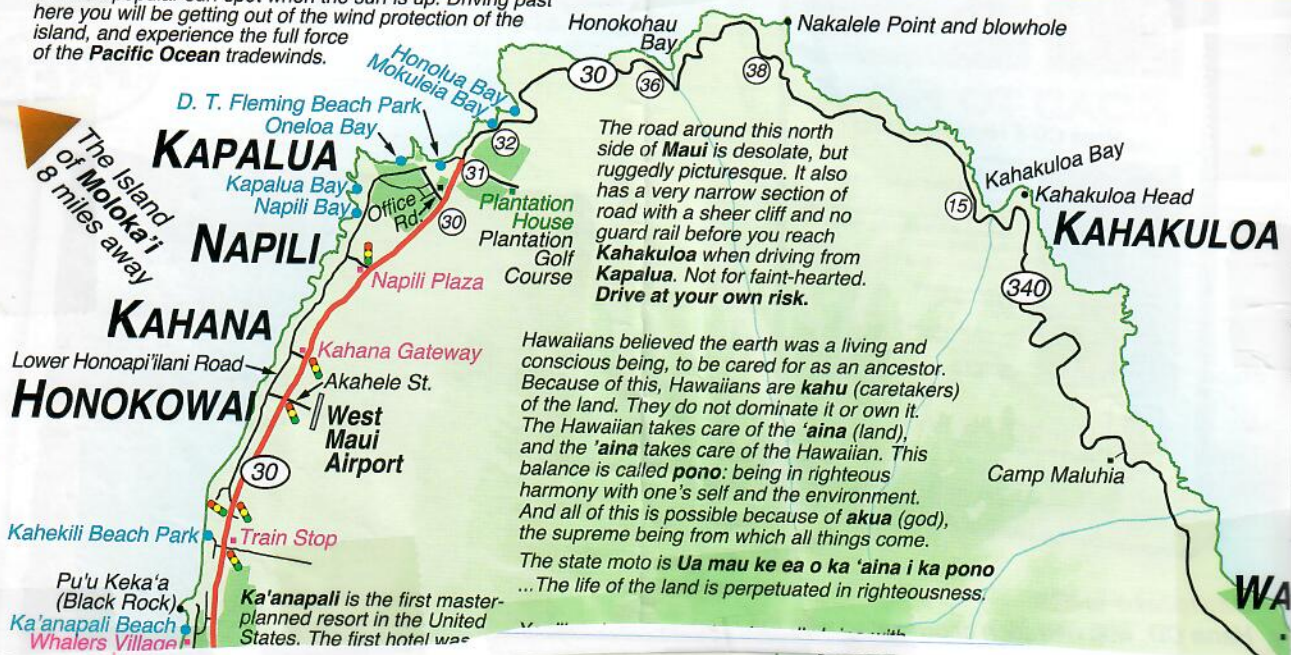
The Arimoto Family

THE ARIMOTO FAMILY
919A E Las Tunas Dr • San Gabriel, CA 91776
2013



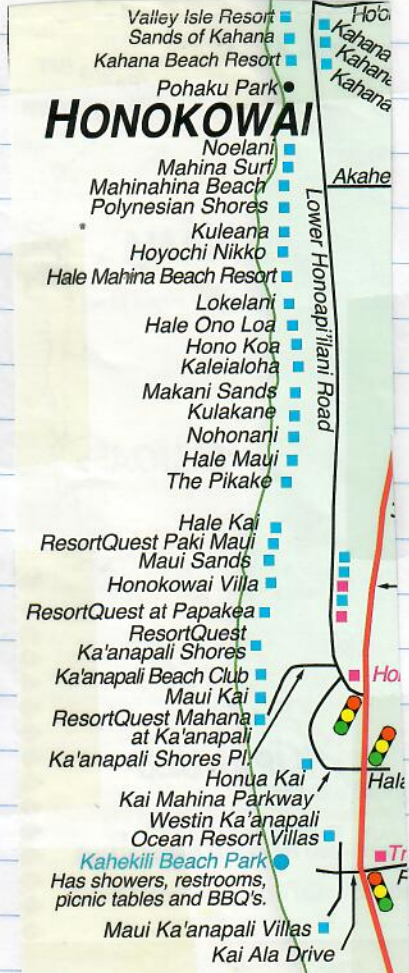
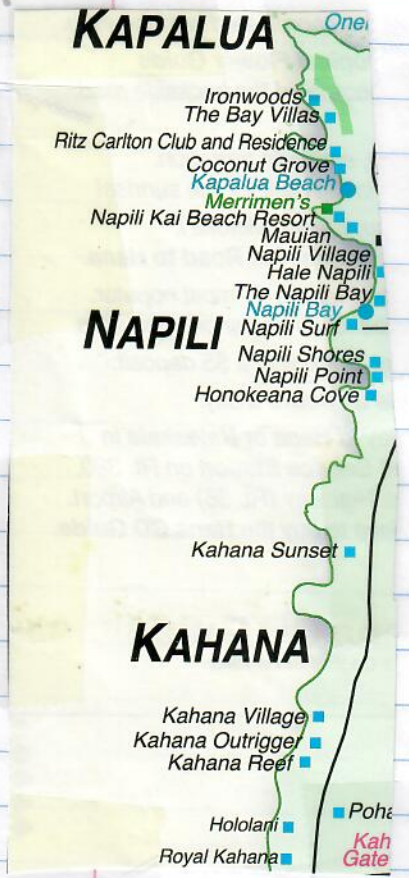
nest #5 - May 19/13
Hatch #1 - July 26/13
5 undeveloped
1 partially developed
1 dead

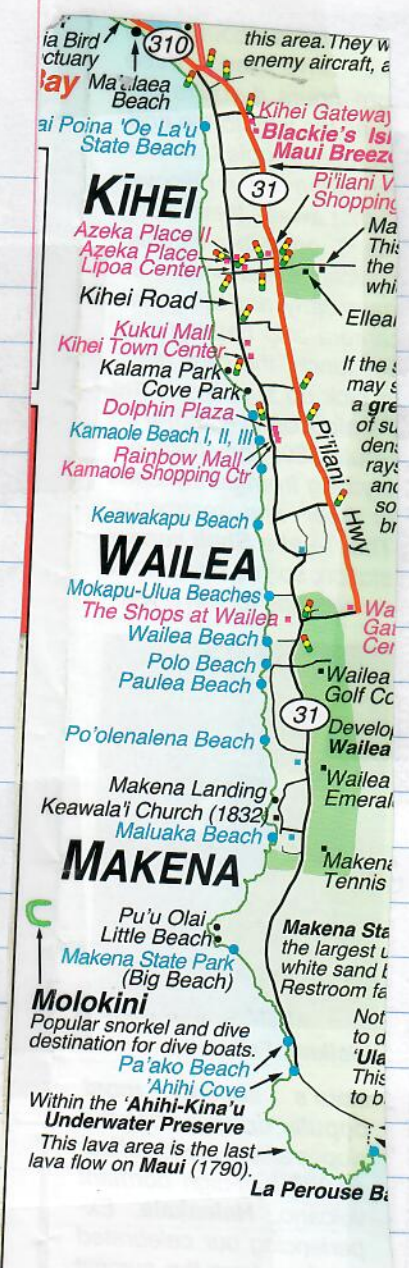
Honolua and Mokuleia Bays are both within the Honolua-Mokuleia Conservation District. Honolua Bay (Slaughterhouse) is also a popular surf spot when the surf is up. Driving past here you will be getting out of the wind protection of the island, and experience the full force of the Pacific Ocean tradewinds.



The road around this north side of Maui is desolate, but ruggedly picturesque. It also has a very narrow section of road with a sheer cliff and no guard rail before you reach Kahakuloa when driving from Kapalua. Not for faint-hearted. Drive at your own risk.

Hawaiians believed the earth was a living and conscious being, to be cared for as an ancestor. Because of this, Hawaiians are **kahu** (caretakers) of the land. They do not dominate it or own it. The Hawaiian takes care of the **'aina** (land), and the **'aina** takes care of the Hawaiian. This balance is called **pono**: being in righteous harmony with one's self and the environment. And all of this is possible because of **akua** (god), the supreme being from which all things come. The state motto is **Ua mau ke ea o ka 'aina i ka pono** ... The life of the land is perpetuated in righteousness.





112

Approximately 150 million years ago sea turtles shared the oceans with ichthyosaurs and plesiosaurs. Their ancestors are what we now see inhabiting the reefs around Hawaii. Of the five species of sea turtles, also called "Honu" in the Hawaiian language, found here in Hawaii, the green sea turtle (*Chelonia Mydas*) is the most common.

Green sea turtles are named for the color of their flesh. They are carnivores when young – feeding on jellyfish, squid, small fish, tunicates and sponges. But as they mature their diet changes and they become vegetarian – feeding on algae and sea grasses. They can get big. Some can weigh as much as 400 lbs.! They are fully-aquatic, with the exception of brief times when the females come ashore to lay eggs. Nesting takes place typically in summer and autumn at night. One single female will lay several batches of eggs at 2-3 week intervals. The majority of Hawaii's green sea turtles nest around the French Frigate Shoals in the far northwest corner of the state (550 miles NW of Honolulu).

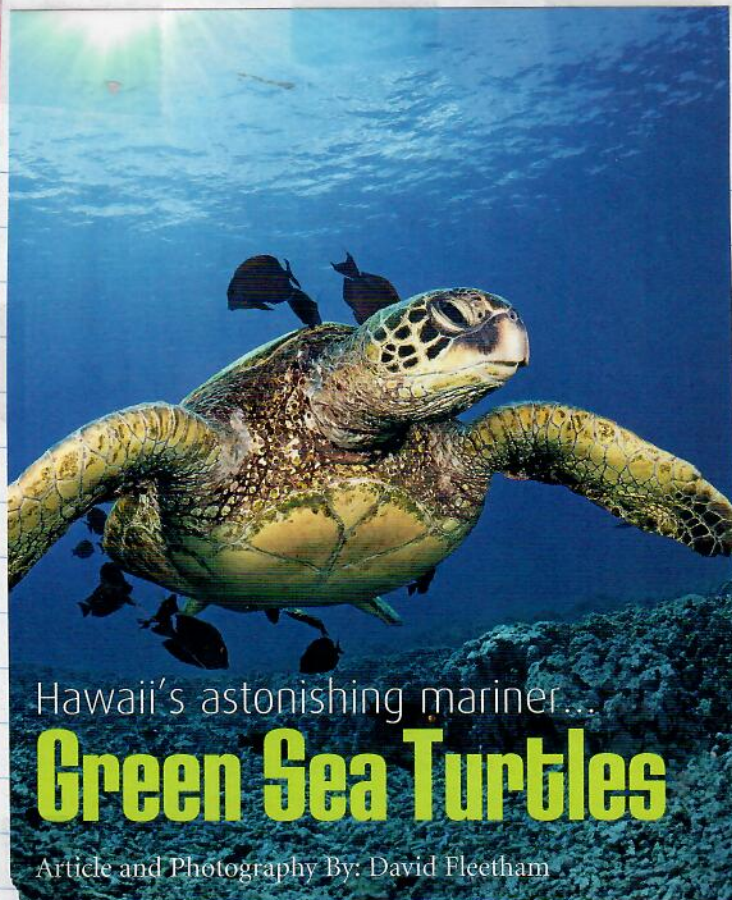


Green sea turtles cross hundreds of miles of open ocean to return to the same island and beach where their life began. An extraordinary feat of navigation, turtle populations in several areas in the world have been studied in an attempt to discover how they find their way. Air breathers, turtles have been fixed with satellite tracking tags to monitor their movements at breeding times. Each time the turtle surfaces the signal is recorded. Scientists are still debating the biological mechanism that the turtles use to pilot themselves across the vastness of the open ocean. It is not known exactly how long a green sea turtle lives for. It is believed that around 80 years is the average life span in the wild and that some turtles may live even beyond 100 years.

Listed as a threatened species, and Federally protected, green sea turtles are accidentally killed each year in boating collisions and even more in fishing nets around the world. On the happier side of the scale, the Hawaiian population appears to be holding it's numbers and perhaps even increasing. They are now a common sight on many dive sites. After enjoying many years of protected status these turtles have come to view divers as no threat and will often ignore ones bubble-blowing presence. When active a turtle will surface every 3 – 5 minutes to breathe. Often they are found tucked underneath ledges sleeping during the day. At this time they can remain submerged for more than 2 hours. When stressed turtles rapidly use up their oxygen and can literally drown. So it's imperative, when you dive or snorkel, that you let them to go about their activities and don't disturb them or get too close. This is also enforced by federal law and punishable with heavy fines.



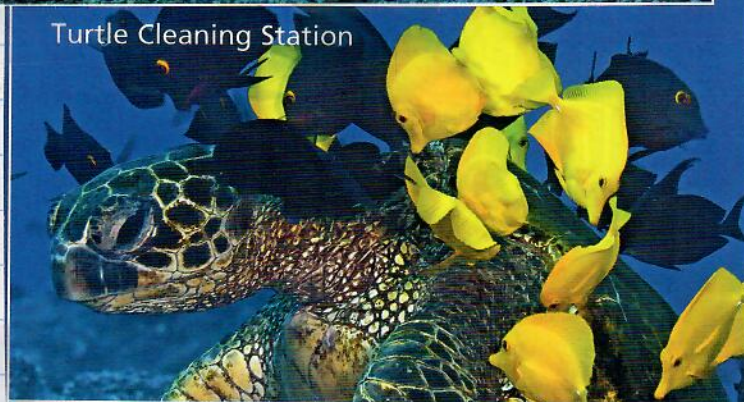
113



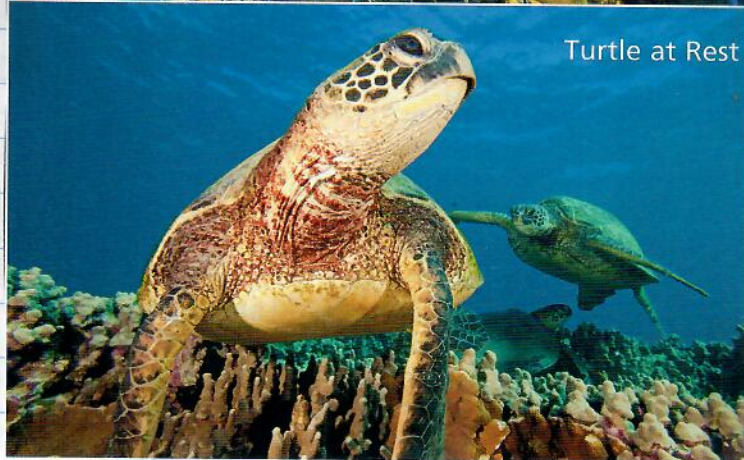
Hawaii's astonishing mariner...

Green Sea Turtles

Article and Photography By: David Fleetham



Turtle Cleaning Station



Turtle at Rest

Maui shark attack victim known

By Gary T. Kubota
gkubota@staradvertiser.com

The victim of Monday's fatal shark attack off Maui was passionate about fishing, whether in freshwater streams and lakes or in the rugged and vast Pacific Ocean.

"He was just an avid fisherman. He loved fishing," said Washington friend Tina Van Pelt.

Van Pelt said Patrick A. Briney would smoke the fish he caught and share it with neighbors and friends. Briney, 57, of Stevenson,

Wash., lived near the Columbia River after retiring as an experimental preflight engineer for Boeing and loved fishing in fresh and salt water.

Authorities said Briney was dangling his legs off a kayak about a half-mile offshore in 100-foot-deep water, trying to catch baitfish, when a shark fatally bit his right leg and took off his foot.

Van Pelt said Briney and his wife, Kathryn, had built a house near the Columbia River a couple of summers ago.

"She called us last night (Monday night) about what happened," Van Pelt said.

Maui ocean safety officials reopened coastal waters off Little Beach on Tuesday.

Because many sharks frequent the area off Maui where Briney was bitten, it would be difficult to find the one responsible, fishermen say.

"There's sharks everywhere," said kayak fisherman John Meriales, who was

Culling is not answer on sharks

I've been reading the recent comments asking for something to be done about the shark population.

I find it very interesting that we humans don't consider ourselves as an "invasive" species in circumstances such as this.

Yes, we do protect some species such as the spotted owl or native darter and restrict the drilling for oil every now and then, but when I hear of the call for

s passionate fisherman

fishing in nearby waters Monday.

Meriales said Tuesday that on the day of the attack in waters off Makena, a friend saw a shark leap out of the water chasing baitfish. He said his friend also saw two tiger sharks swimming in the area.

State officials are baffled by the spike in shark attacks off Maui — the one on Briney was the eighth this year and the 13th in the state. Another fatal attack off Maui occurred Aug. 14 on

German visitor Jana Luteroop at Keawakapu, less than three miles north of the attack on Briney.

The state is conducting a study to determine the movement of transmitter-tagged sharks.

During the last 20 years, Hawaii has averaged about four shark incidents a year, according to the state.

John Naughton, a retired marine biologist for the National Oceanic and Atmospheric Administration, said there's no doubt there are more sharks in Maui County waters, since the last shark

cullings were 40 to 50 years ago.

But he said there also has been an increase in the number of visitors, as well as a rise in visitors involved in ocean activities.

Naughton said the jump in the number of sharks and oceangoers increases the likelihood of more encounters, but he doesn't know why Maui shark attacks have increased.

Naughton advised that kayak fishermen go into the ocean with another kayaker and have safety gear, including a life vest and VHF radio.

the culling of sharks to save tourism, I think that the opposite should perhaps be done.

No, not cull humans, but perhaps restrict certain activities during certain times of the year or when sharks are in larger than "normal" numbers.

For all we know, the large population of sharks may be caused by an anthropogenic factor. In other words, the greatest invasive species, Homo sapiens may be the primary culprit.

H5-A

12/21/13
Alan Teraoka

114

See P. 27 + P. 126 - 127

HAWAII
NEWS NOW
KFVE KGMB KHNL
See video at
staradvertiser.com

Date: Fri, 22 Nov 2013 18:57:48 +0000
From: Jeff Pawloski <JPawloski@sealifeParkhawaii.com>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: RE: 3 turtles released by Dr. Bob

To Devon

115

4 CC xerox
TO 109
11/22/2013

Hi George,

You are correct about all three turtles, I have included the data for turtles "E" and "I" which were both hatched on 7-15-2011. Thank you again for taking the time to provide us with the two tanks from your facility; we will put them to very good use.

All turtles released 20 miles off Kaneohe Bay. Mauna Lani was last seen skipping across water. One hung around looking for tank wall-Wother swam off. Will plan on container pick-up at Makai on Friday. I will call you tomorrow to see what works for both of us-WBob

I have listed below the information you have requested for the three turtles you and Bob released last week. I will provide the PIT tag wrappers along with any others the next time we meet.

695 +

49 11/26/13

744 NOT PIT Tagged

695-2013
866 2010
2011
2012

1,561
TOTAL

DR. MORRIS Released Mauna Lani Turtle: Hatched SLP 7-15-2012
SCL=33.0 cm

Weight: 6.30 kg
PIT TAG LH: 4C3C676225 LH 4C3C676225
PIT TAG RH: 4C3B467C7F

DR. MORRIS Released SLP Turtle -SI-T: Hatched SLP 7/15/2011
SCL=45.2 cm

Weight: 14.81 kg
PIT TAG LH: 483C524727 RH 4C3B535B05
PIT TAG RH: 4C3B535B05

DR. MORRIS Released SLP Turtle -SE-T: Hatched SLP 7/15/2011
SCL=43.1 cm

Weight: 12.47 kg
PIT TAG LH: 4850317723
PIT TAG RH: 4C3B3B1E64 RH 4C3B3B1E64

Sincerely,

Jeff

-----Original Message-----
From: George H. Balazs [mailto:gbalazs@honlab.nmfs.hawaii.edu]
Sent: Thursday, November 21, 2013 9:53 PM
To: Jeff Pawloski
Subject: 3 turtles released by Dr. Bob

Aloha Jeff, nice to see you yesterday, thanks for you and your team's high efficiency offloading the tanks. Nice to have that accomplished!

The turtle released by Dr. Bob. What year month was the 33 cm Mauna Lani one hatched? And the other two, year and month? - 43.1 and 45.2 cm

Thank you very much, this information will be added to their computerized permanent records. Best regards, George

Handwritten notes and scribbles at the bottom of the page.

116 N 53

695

4C3C5E6029

4C3B3A6D63

4C3D127704

4C3B395A60

4C3B502865

4C3B3C012E

4C3B454948

4C3C663F49

4C3C66170C

4C3C594F1E

4C3D1E075B

4C3C604F26

4C3B417A2E

4C3C60325D

4C3B482715

4C3C5C0F7F

4C3C685270

4C3D14322F

4C3B3C2414

4C3D150468

4C3D1E394E

4C3C680B12

4C3D16762B

4C3B432B6D

4C3C653914

4C3B4F555A

4C3B5C4002

4C3B40527F

4C3D152837

4C3C616543

4C3C664628

4C3D1E1F63

4C3B415A2D

4C3C632901

4C3B410D27

4C3D174476

4C3B4F2B36

4C3D181354

4C3D206E03

4C3B537174

4C3C5D1B0F

4C3B515110

4C3C694A5C

4C3D1E2930

4C3B554041

4C3B5B270A

4C3D1F0804

4C3C682925

4C3C642E73

4C3D143D64

4C3D202D6D

4C3C63547A

4C3B49231B

SLP
10/24/13
KAYPO
Release

10/25
SL

10/28

SL
KA

4C

10/27/13
SLP N=8
KAUPO



4C3D1B3F78

4C3B505942



4C3C5A7F10



4C3C5D193B



4C3B3A2900



4C3C5D2D5C



4C3C5B0F00



4C3B420D54

10/28/13 N=1

SLP
KAUPO

4C3D1B1955



NEPTUNE'S TABLE A VIEW OF
America's Ocean Fisheries
by ANNEKA WRIGHT NOAA 6/2002



The population of green turtles around Hawaii may be suffering as a result of accidental capture on longlines. George Balazs, NOAA Fisheries

117

1/18

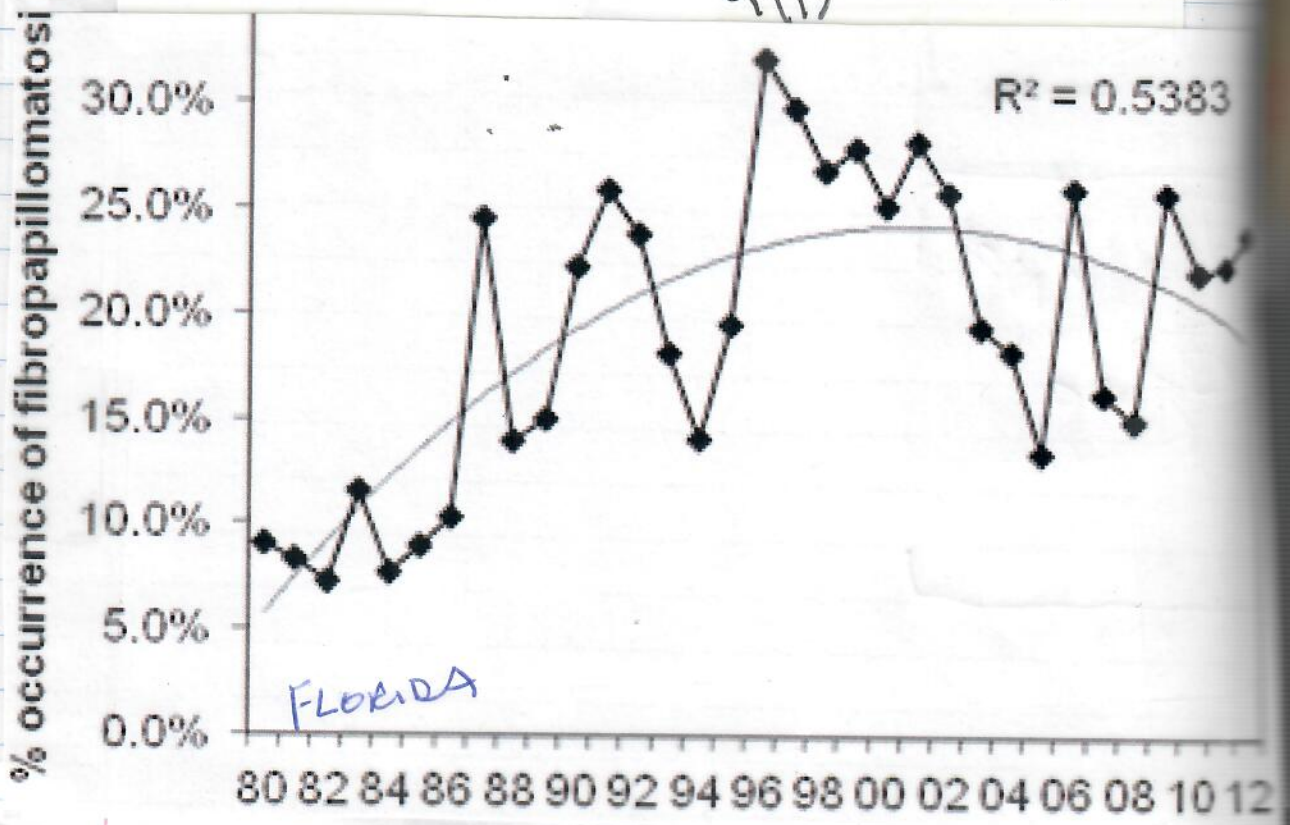
Aloha Uncle George

Mahalo hui again for all of your assistance is preparing for Holomua na Honu and especially for attending the event.

Your support and assistance are so greatly appreciated.

me ke aloha pumeham-

9/13 Lori Moe



Date: Mon, 18 Nov 2013 09:19:36 -1000
From: Laura Jim <ljim@hpa.edu>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: From George

Aloha George, Thank you for your kind note. Words can't describe how blessed we feel to have had you in our lives for the last 20-some years! You are truly an inspiration for our family. You are respectful, personable, and truly caring. Us "dry" Rices really lack the warmth that you bring to everything you do. Know that every time you are able to join us on a tagging trip the flavor and "fun factor" is amplified exponentially!! So, thank you for being you and truly being someone I look up to!!! With love, Laura
On Nov 16, 2013, at 4:49 PM, George H. Balazs wrote:

Dear Laura, it was a JOY and PLEASURE to see you and work with you, and your students, yesterday. Thanks ever so much for your fellowship and friendship over the many years (ha ha, many more for me than for you :) Warmly with Appreciation, George

Laura Jim
ljim@hpa.edu
Science Instructor
Hawai'i Preparatory Academy

4C3D224F44



SLP cm hatchlings KAUFEN N=39 9/27/13

SLP

4C3D1F3C63



4C3B376053

4C3D150D0D



4C3

4C3B3B6626



4C3B394909



4C3B484062



4C3

4C3C6B1F05



4C3C6A1A28



4C3D1D272B



4C3

4C3B39614C



4C3B4E7A06



4C3C655532



4C3

4C3C603647



4C3B5F096D



4C3C5B292D



4C3

4C3D1E2342



4C3B42467C



4C3B5E6252



4C3

4C3B53310D



4C3B424345



4C3B5A437E



4C3D

4C3D145C3D



4C3D20063F



4C3B4E3D72



4C3

4C3D196F18



4C3B470207



4C3B571867



4C3

4C3B423810



4C3D1D3676



4C3C632C38



4C3B

4C3C5F4F75



4C3B3D1144



4C3D233405



4C3

4C3D1A293C



4C3B3D2400



4C3D215121



4C3D130E71



4C3C5B7576



SLP 10/18/13 N=33

4C3B607A2D


4C3C58657B


4C3D1C6451

4C3B613874


4C3C651072


4C3C7C0439


4C3B5E4372


4C3D26083C


4C3C5F757A


4C3B5A7C48


4C3C660368


4C3C64147C


4C3D13285C


4C3B567C13


4C3D17063B


4C3B437736


4C3C5E1A5F


4C3D1E1B79


4C3C5E4E42


4C3D20071C


4C3D1E302B


4C3B430F74


4C3B445A35


4C3C650535


4C3C651B23



4C3C62484C


4C3C5D2439


4C3C634713


4C3B476744


4C3B49446C


4C3C603764


4C3B3B3B5E


4C3B395C4E


cm hatchlings
Released Kaup

122

Man bitten by shark while diving off Maui

10/24/13 SA

By Leila Fujimori
lfujimori@staradvertiser.com

A 45-year-old Maui diver didn't immediately realize a shark had bitten him Wednesday afternoon as he was diving in Kaehu Bay. It was the second Hawaii shark attack this week.

He felt it "only when I turned around and saw the fin," Shane Mills, who had recently moved to the area, told Wendy Osher of the website Maui Now.

"It wasn't like a dog bite or anything," Mills said. "It was more like maybe your cat or something grabbing you."

It was the 11th shark encounter in Maui waters in the past 16 months, and the second in the same general area in just under a year.

Statewide, it marked the 21st shark encounter for 2012 and 2013.

Maui County lifeguards and state Department of Land and Natural Resources officers shut down beaches from Sand Piles to Y. Hata store after the attack shortly before 4 p.m.

They will stay closed at least until noon today, when they will assess whether to reopen the beaches.

Firefighters responded to the 3:55 p.m. call to Kukona Place off Waiehu Beach Road, and found Mills already on shore.

Medics treated Mills for some shallow, 3-inch-long cuts to his lower back, then he drove himself to the hospital for follow-up treatment, said Maui Fire Services Chief Lee Mainaga.

Mills described the shark as gray with a white dorsal fin, about 4 to 6 feet long. He said he was in the middle of Kaehu Bay, between Paukukalo and Waiehu, off the mouth of Paukukalo Stream, when he dove down and felt something hit his left upper torso and buttocks, DLNR spokeswoman Deborah Ward said in an email.

Mills, an experienced diver and surfer who works for Scuba Shack, said he was swimming 100 yards offshore in 10 feet of water, looking for octopus and lobster when he felt something grab him, he told Maui Now.

He kicked and elbowed it and swam for shore.

A witness on shore saw the man swim out, saw a splash and saw the man

swim back, looking back to see whether the shark followed, but it disappeared, Ward said.

Ocean Safety crews patrolled the water and kept people out of the ocean a mile in each direction of the attack site until sunset Wednesday, and DLNR posted warning signs.

Mills said the water was "a little brown," due to runoff after rain in Upcountry Maui.

Wednesday's shark attack was one of 11 encounters off Maui since June 26, 2012, according to data at hawaii-sharks.com.

A diver spearfishing at Waiehu was attacked Nov. 4, 2012, and suffered severe lacerations and broken

Please see SHARK, B3

SHARK: Valley Isle encounters included 1 fatal attack

Continued from B1

bones to his right leg.

Of the unprecedented number of shark encounters on Maui, nine injured people and two damaged boards.

The most notable was the fatal attack Aug. 14 of a 20-year-old German woman. Visitor Jana Lutteropp died one week after a shark bit off her right arm while she was snorkeling at an area in Makena known as White Rock.

On Sunday, a 25-year-old Kauai surfer and former boxer escaped a shark at Kilauea by punching it eight times and jamming a knuckle in its eye. The shark clamped down on his board and knocked him off.



COURTESY PHOTO

Shane Mills was bitten by a shark on Wednesday afternoon in Kaehu Bay on Maui. "It wasn't like a dog bite or anything," Mills said. "It was more like maybe your cat or something grabbing you."

Big Island beach closed after shark attack

Posted: Dec 11, 2013 11:54 AM
Updated: Dec 11, 2013 5:38 PM

PAHALA, HAWAII (HawaiiNewsNow) - Big Island police are investigating a shark bite that occurred Wednesday at Punalu'u in the area of Punalu'u Beach and Ninole Bay.

At approximately 8 a.m., a 29-year-old Captain Cook man reported being bitten by a shark while body boarding in the area of Ninole Bay, which is just south of Punalu'u Beach Park.

Officers contacted the victim at Ka'u Hospital, where he was being treated for his non-life-threatening injuries. The victim reported being approximately 20 yards off shore in 8 feet of water when the shark attack occurred. He was body boarding with two friends, who identified the shark as being a Tiger shark 10 -12 feet long.

The victim is expected to be released from the hospital after treatment.

Lifeguards have posted shark warning signs at Punaluu beach park, which will remain closed the rest Wednesday. A fire department helicopter flew over the area at 10 a.m. Wednesday and will do so again Thursday morning. If there is no further sighting of sharks the park will reopen at noon Thursday.

Ka'u Kako'o, a local community outreach group at Punaluu will help to inform beachgoers that the beach is closed.

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See
p. 27

p. 126-
127

NINOLE

124

See p. 126-127

See p. 27



Whatever happened to?

COURTESY OF KEITH NEHLS

Jimmy Ulualoha Napeahi returned to surfing at Pohoiki on Saturday for the first time since being attacked by a shark there on Aug. 18.

10-17-13 HS-A

Teen victim of shark attack resumes his surfing career

QUESTION: Whatever happened to the 16-year-old Big Island boy who was bitten by a shark?

ANSWER: Jimmy Ulualoha "Ulu Boy" Napeahi got back into the water Saturday at a Puna surf spot known as Dead Trees, where, less than two months before, he was bitten by a 10-foot tiger shark.

The community held a family day at the Isaac Hale Beach Park at Pohoiki Bay.

"They were kind of blown away," said Keith Nehls, mentor to Napeahi. "For someone that got bit by a shark, not even two months (ago), and now he's faced his fears."

The Kalapana boy was bitten 13 times, suffered 30 wounds to his legs and received more than 180 stitches in the Aug. 18 attack.

The semipro surfer was released from the hospital Aug. 29, has undergone intense physical therapy, and estimates he's at 60 percent of where he was before the attack.

When he got back on his board Saturday, former world champion surfer

Sunny Garcia, the Rothman family and other members of his sponsor, Da Hui, escorted him into the water, as a kahu chanted, Napeahi's mother, Claire, said by telephone Wednesday.

"It took me right back to the place where the incident took place," the teen said by phone. "I just let it go. I definitely cried a lot. I took deep breaths and went down in the water and yelled so no one could hear me.

"I came up and caught my first wave," he said, adding he was surprised he surfed as well as he did.

"It all came back to me—the feel for surfing, the love for surfing, it all came back. In that moment, I feel like I was reborn. It's given me a second opportunity in life.

"I'm just so grateful for my life and look at things in a different perspective," Napeahi said.

Nehls said: "He was ripping, pulling in barrels, doing really well, considering."

Napeahi said he plans to enter the Volcom surf contest in Kona this weekend, and the HIC Sunset Pro Am contest in November.

BOX

BOX

(1)
(7)
(2)
(2)

LIST OF HAM RADIO
THINGS TO STORAGE 9/6/13

125

copy
MAILED
TO
MIKE
MCCOY

BOX 1

FILTER (2)

MIKES (2)

UTC CLOCK

CABLES

CODE SPEED KEY (BANCHEM)

Switching Power Supply AESU FP-757GX

Phone PATCH ICOM IC SP2

POWER SUPPLY ICOM PS-55

Head phone / Light weight

MFJ VERSA TUNER MFJ901B

MFJ ARTIFICIAL GROUND MFJ931

BOX 2

IC 735 IN ORIGINAL BOX

(1) Copper Rod "Bus BAR"

(1) Battery clip Red/Blk wire cable with 2-prong Recept.

(2) 2-Wire Blk/Red with 6-prong Receptacle (for BATTERY IC935)

(2) Plastic Bag full of MISC wires/cables

Hustler Model SPSM Antenna base and cable

- MFJ Versa Tuner V 3kWatt Series

Model MFJ-989B

- MFJ - 931 Artificial RF Ground

- IC-2GAT w/charger, BATTERIES, ANTENNA

- IC-2AT

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See P. 27

See 114

Shark victim's rescuers stayed cool amid panic

The young woman said she was dying, recalls one of the men who helped her

By Jennifer Sinco Kelleher and Audrey McAvo
Associated Press

A woman who lost her arm in a Maui shark attack kept repeating that she was going to die, the California high school teacher who jumped into the water to save her said Friday.

"As soon as we stand on the beach, we heard this bloodcurdling scream," said Rick Moore, 57, of Laguna Niguel, Calif. "We look out, and there was blood everywhere in the white water around her."

He put on flippers and swam to her, said Moore, who teaches physical education and health at Creekside High School in Irvine, Calif. "About 10 feet from her, I

saw her floating on her back, with no arm," he said. "It was completely severed from her body."

The 20-year-old German visitor was snorkeling in 15- to 20-foot-deep water off Palauea Beach in Makana when the shark bit off her arm Wednesday afternoon.

With the bikini-clad woman's other arm around his neck, Moore backstroked about 100 yards through strong ocean currents.

"It dawned on me: I was in danger now," he said. "The shark is around me and she's bleeding. I start praying out loud, 'God, God protect us.' She said, 'I'm dying. I know I'm going to die.'"

She was starting to lose consciousness, Moore said. "I started crying out to God, and I got this burst of strength," said Moore, who

is also a pastor. "I swam toward the shore."

Moore's buddy Nicholas Grisaffi, 61, of Laguna Beach, Calif., stood in neck-high water and took the woman from Moore and carried her limp body out of the water.

"What was left of her shoulder was in my chest," said Grisaffi, who teaches home- and fifth-graders. "I had a pure-white rash guard on," but there was little blood on it, an indication of how much blood she lost.

The two teachers said they put the woman in a bystander's kayak, using it as a stretcher to bring her up a trail leading to the street.

The woman's three friends were in shock as Moore performed CPR. "Pretty much everybody was out of control except me and Rick," Grisaffi said.



"I started crying out to God, and I got this burst of strength. I swam toward the shore."

Rick Moore
He rescued the visitor whose arm was bitten off by a shark

"If we're not there, she's not saved. Nobody did a thing. They just stood there in shock, watching the blood and everything."

A police officer arrived with a tourniquet as the woman was going in and out of consciousness, Grisaffi said. An ambulance rushed her to Maui Memorial Medical Center.

Joshua Craddock, a 23-year-old from London who was sunbathing at the time, called 911. He hailed Moore's bravery.

"He was pretty heroic and selfless to dive in the water when by this stage she was surrounded by a pool of blood which we could see from the shore," he said.

Moore and Grisaffi have visited the woman in the hospital and said she was in stable condition Friday. Authorities have declined to release her name.

"I just can't get the

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At this time, protective nets, as used in Australia and South Africa, are the quickest, guaranteed protection for select beaches.

At some point, native harvesting of both turtles and tiger sharks might be allowed. I am not talking about commercial taking. Let cultural practices be respected. I am not talking about an open season on these two species but a thoughtful approach toward restoring balance.

David Padgett
Kula

8/29/13

Flashing lights needed to protect Kalama students

I was very happy that someone finally listened to my plea regarding the safety of our kids and neighbors that utilize the Eddie Tam Park.

I was assured that the flashing lights would be installed for Kalama Intermediate before school started. But, as of Aug. 26, there still are no lights. Our kids have to cross two busy streets to get to school. And one of the crossings has no crossing guard. I don't know how much more I need to stress to county officials that this is very dangerous for everyone.

Do we finally get those lights when something tragic happens or do we wait for an election when promises are made good so incumbents look good to the community?

Janice Salvador
Makawao

■ Submit letters via the Virtual Newsroom on the website (www.mauinews.com), or by email (letters@mauinews.com).

The Maui News

Proliferation of turtles attracting more sharks

Hawaii's recent problem of more shark attacks should not come as a surprise. Today the green sea turtle seems to be more numerous than ever. Because people are restricted from taking them, they have only one predator of any consequence — the tiger shark.

We are protecting an ever-growing food source for the apex predator of our island nearshore waters. Why would we not expect more attacks as more and more people enjoy our beaches and fish and surf?

SHARK: Visitors don't know safety rules, beachgoer says

Continued from B1

screaming out of my head," Grisaffi said. "The arm didn't bother me. At our age we've seen a lot."

The ordeal has changed Grisaffi's perspective on the ocean. "I won't take risks of going too far out anymore," he said.

Hawaii officials say shark attacks are unusual considering how many people are in the state's waters. There have been six shark attacks this year through the end of July, including three on Maui, according to a state database. There were 11 shark attacks in the state in 2012.

The last time anyone in

Hawaii died from a shark attack was in 2004.

To reduce the risk of being injured by a shark attack, state officials urge people to swim in groups and avoid going in the ocean at dawn and dusk, when sharks may come closer to shore to feed. But Craddock said he doubts many people are aware of these warnings.

"She was a young, fair-haired blond girl on vacation, and she clearly had no idea," he said.

Studying Sea Turtles Further Up the Chain
Joe Spring, Cooperating Scientist working with the Marine Turtle Research Program
7/11/2013

For the last week, I've been walking the islands of the Papahānaumokuākea National Monument looking for signs that turtles are nesting. Mostly, that means I'm taking notes about turned over earth.

A nesting green sea turtle leaves a trail on the beach like a backhoe. As the mother crawls out of the ocean and up a berm to nest, she leaves deep ruts in the sand that look like industrial-tire size tracks. When she finds a suitable spot, she clears out a round pit by throwing sand with her long front flippers. Then she starts excavating a smaller bowl with her hind flippers. Then she lays her eggs. After she's dropped the last one, she covers the nest by scooping the sand she just dug up back on top of the eggs. Then she goes back to throwing massive amounts of sand with her front flippers, all to disguise the location of the nest for predators. After finishing, she crawls back to the water.

Sometimes the turtles will stop in the middle of their digging. More often than not, they dig one pit and then move on to dig another one. Sometimes, they'll come up night after night and dig pit after pit. It's not unusual for one turtle to dig eight pits in one night and still not lay her eggs. Each turtle is looking to find the perfect location. They want soil that holds its shape, that's not too dark so that it gets too hot, and that's not too light so that it doesn't get hot enough. A turtle will test different spots by touching the earth gently with her flippers in between scoops of sand. If she doesn't like what she's touching, she moves on. A mother turtle on the beach acts something like a six year old in a Baskin Robbins, sampling and sampling until she finds something that satisfies her enough to make a commitment.

So, I've seen a lot of digging. Most of it has occurred on East Island, a small sandy islet in French Frigate Shoals where over half of all Hawaiian green sea turtles nest. In any given year, more than 800 turtles may come up and turn over that island, which is the size of a couple of soccer fields. This year, they've dug more than 400 pits. It's about halfway through the nesting season. Pretty soon, the island will look something like an Olympic mogul run. I've also seen nests on Laysan Island, Lisianski Island, Southeast Island at Pearl and Hermes Atoll, and on Eastern Island at Midway Atoll. Those islands are all bigger than East Island, but they have a lot less digging. It's hard to say exactly why, but they return to the same beach they were born on to dig their nests, and a lot of turtles were born on East Island.

Tomorrow, I'll be at Kure Atoll. Then I'll visit every island again on the way back down. It's important to look at all of these islands to get a sense of how many turtles are nesting. All that nesting evidence can be used to get a sense of how turtles are doing in the main Hawaiian Islands. Even though the turtles nest in these small remote places, many of them then swim back down the chain and spend time around people.

Though most of my notes are about turtles, I occasionally jot down other observations in my notebook: Japanese glass fishing balls the size of cue balls floating in the surf, tiger sharks leaping out of the water to eat fledging albatross, red-footed boobies returning to the beach after hundreds of miles of flying to regurgitate fish to their chicks, and the occasional frigate bird swooping over my head in attempt to steal my hat. All of that stuff probably happens a lot more often than I note. I just miss it because I'm spending so much time looking directly down at the ground.

(129)



Aug 2013

Keoki,

This photo has been on my desk for over a year now, and I thought I should get around to moving it along. For the life of me, I can't remember who the child is. If it registers with you, kindly let me know, as I'm really curious. His mystery was one of the reasons I waited so long to send this to you. It was taken at my residence as I recognize the chair you're sitting on.

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MTSG-Oceania Region

Dr Michael White

Kia Orana, Greetings, Bonjour,

Some of us already know each other personally, but for those of us yet to meet here is an introduction. I am a Marine Zoologist, educated at two good Celtic Universities (Bangor in North Wales and Cork in the Republic of Ireland), and I've spent most of my life at sea or living on different islands around the world. I've studied sea turtles for about 20 years, but I've also done research on bottlenose dolphins (*Tursiops truncatus*), Mediterranean Monk Seals (*Monachus monachus*) and surveyed coral reefs. Ocean health is obviously a concern in modern times: pollution, especially plastics, is ubiquitous. I'm going to start monitoring ocean acidification too, once I get hold of a meter or test-kit.

I live and work in the Cook Islands (Polynesia). Our country is a huge oceanic nation that consists of two million km² of ocean and 241 km² of land. The human population is small (11,000) dispersed across 12 islands; 3 more islands are uninhabited. Most land (95%) is traditionally-owned by extended families, so working with the islanders is essential; and of course a great pleasure. I live on Tongareva Atoll (09° South; 158° West), which is the most remote of the islands and also has the country's most important green turtle nesting beach. There is a possibility that hawksbills *Eretmochelys imbricata* nest too, but so far no nesting has been found anywhere in the Cook Islands; probably the case for more than 20 years. We do see smaller hawksbills in the lagoon and on the reefs, so nesting might occur in the future; I've visited nine of the 15 islands and talked with many of the Cook Islanders too.

I work directly with the Prime Minister's Office and National Research Council at Rarotonga: providing research data to both, and also to the Ministry of Marine Resources, and the National Environment Service. The latter is very new - established in 2003 - and poorly funded (because the tax base is very small many aspects of government rely on international aid funding). Neither Ministry has a sea turtle scientist, nor do they want to undertake this research: so I've become the Principal Investigator for *honu* throughout the archipelago, and also the national co-ordinator for TREDS (www.sprep.org).

The Outer Islands are effectively self-governing, so any parliamentary legislation mainly concerns Rarotonga and Aitutaki (Southern Cook Islands). The northern atolls and Palmerston are governed by their respective Island Councils. I work very closely with the Traditional Leaders and Councils on each atoll and always include the islanders on my research teams (especially teenagers and interested women, because this influences the future generations) ~ so I've already reached far ahead. The atolls are mostly subsistence cultures, gathering food from the environment. In modern times people need some money to pay power bills and buy bulk-cargo (flour, sugar, oil) but we are not cash-economies. Transport links are very rare (maybe 2-3 ships a year, but sometimes it can be 18 months between visits). Consequently food-security is always in our thoughts, but this provides a wonderful opportunity too. Our system of traditional management is called *rahui* and

includes limiting or closing the harvest of any particular resource. This is decided by the Council and adhered to by common consent: clams for example will be harvested for one week and then closed again for 18 months to allow stock-recovery. *Homu* have not been included under *rahui*, but several Councils are open to the idea; so a work in progress. *Homu* and seabirds* are usually only eaten during Christmas and New Year festivities: preferred take is nesting female greens, as these are the tastiest and also easy to capture. During community presentations we discuss the *homu* life-cycle, and people understand 'no mamas, no more babies'. There is also a generational shift with many of the children not wanting to eat *homu*. Egg-take has virtually disappeared during the last 30 years. All good. [* on Pukapuka Atoll the people eat every bird they can find].

There is some discord between Rarotonga's westernised government, especially selling our fish stocks to Chinese industrial fisheries, and traditional-ownership: where we are more concerned about the gift we leave our future generations ~ an abundant and pristine environment. Similarly, Rarotonga sees 'development' as being economic (e.g. buildings), whereas we view this as harmonious wellbeing: effectively opposites. I'm now trying to raise grants that will allow us to manage our biodiversity (conduct scientific inventories, and enhance or reintroduce native species, such as the coconut crab *Birgus latro* and some seabird species) and provide trickle-funding into the community. This will enhance food security (effectively conserving species) and underpin sustainable natural resource use; and help prevent environmental destruction through poorly thought out development plans being imposed from outside.

I'm already well into community education, awareness raising and capacity building. I teach the high school students twice a week (*homu*, life-skills, and computing studies). Recently I gave presentations to the Girl Guides and the Girl's Brigade; so I now have the women on my side too, which is great news for the future.

Homu research includes surveying each motu (cay) for nesting suitability, monitoring the main nesting beach, and we will soon do some in-water captures. We've set up a NOAA-funded DNA programme, so that should help our regional understanding of connectivity between stocks, and bycatch impacts. I've also got a small project starting at Rakahanga.

I'm sure that we'll all meet up some day, but don't know when ~ it's very hard to get to the ISTS. Best wishes to you all. Kia Manuia, Mike

www.honucookislands.com



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Hold the Green Sea Turtle Soup HFN 8-13

Karen Marvin at Stanford University's Center for Ocean Solutions (COS) contacted "Splash!" with a study that said removing protections on the booming Hawaiian green turtle population may be premature.

NOAA Pacific Sea Turtle Historical Ecology Working Group scientists Kyle S. Van Houtan and Amanda Lawrence, Colby College's Loren McClenahan and Dr. Jack Kittinger of UH Manoa and COS said that historic records show that 80 percent of traditional green turtle nesting sites have disappeared.

Presently they estimate "that 90 percent of green turtle nesting in Hawai'i occurs at a single site that is vulnerable to sea level rise." That site is French Frigate Shoals in the NWHI. They postulated that anticipated climate change flooding can diminish nesting sites there by 50 percent.

The turtle scientists published their study in *Ecography* after "using historical data to assess the biogeography of population recovery." "The work compares contemporary (1973-2012) and historical (1250-1950) nesting records of Hawaiian green sea turtles from fishery logs, archeological sites, Hawaiian language newspaper and first-hand historical accounts."

The researchers looked at library records on nesting sites, archeological midden deposits of turtle remains, Hawaiian language newspapers, explorer accounts and interviews with turtle *kupuna*. They also gathered GPS nesting data from NOAA's green turtle field monitoring program run by its Pacific Islands Fisheries Science Center.

They discovered 15 historical nesting sites across the Hawaiian archipelago and 28 midden sites in the main Hawaiian islands. They said, "In the MHI there are no established green turtle nesting areas today. Scattered nesting at low levels has been observed since 2000."

Nesting has radically changed over the years. "In the early 1900s, for example, Polihua Beach on Lana'i was a popular location to harvest nesting females, but today nesting there is none existent." A 1859 nautical chart described "an abundance" of green turtle nesting at Midway Atoll, though there is a record of one female there in the last 40 years. Early 1900s records show that turtles nested on O'ahu and Kaua'i, but there are no records after this date.

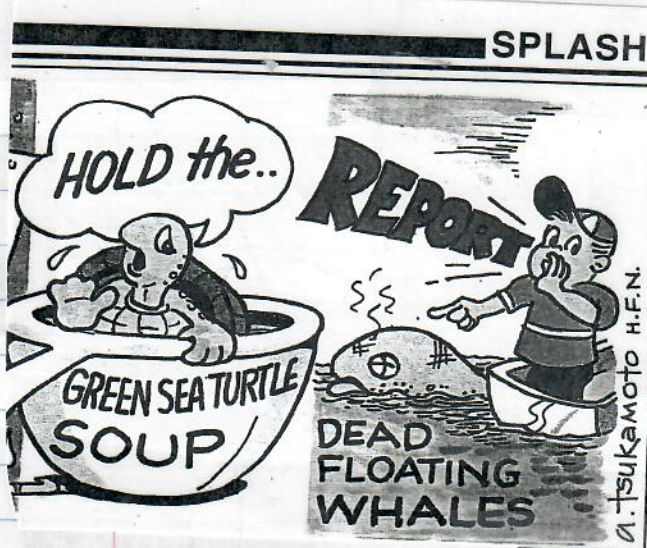
The scientists suggest that "our study may underestimate the historical distribution of green turtle nesting sites. They cite a June 1867 newspaper article describing NWHI turtle egg sales at a Honolulu market. An 1886 "account noted that turtle soup was ubiquitous in Honolulu restaurants." A 1912 record said "Honolulu is indulging in an unwanton orgie [sic] of turtle soup. . . steaks, and cutlets."

Green turtles were listed as an endangered species in 1978. With evidence of recovery, the turtle has been downgraded to "least concern." In 2012 National Marine Fisheries Service began a status review of the population under the Endangered Species Act.

"It's critical to compare the animal's population level to its historical abundance, not just to recent levels," said the turtle scientists. "This needs to be considered for sustainable management of the species moving forward, including a potential harvesting program should the species be delisted."

The article is short but well done, readable and with ample resource citations. *Mahalo* for Dr. Kittinger for forwarding the article.

The Center for Ocean Solutions is located at Stanford University and in Monterey, California. See more at <http://www.centerforoceansolutions.org/>.



SLP KAUPPO
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2013 (562)
133
ALL XEROXED
& GIVEN TO
DEVON 10/18/13

Shark attacks renew culling controversy in Hawaii

Posted: Dec 03, 2013 6:25 PM

Updated: Dec 03, 2013 6:57 PM

By Lisa Kubota - bio | email

MAKENA, MAUI (HawaiiNewsNow) - People are cautiously getting back in the water one day after a shark killed a kayak fisherman off Makena, Maui. The recent attacks are prompting calls for action, including a renewed debate about hunting the creatures. Some people want the state to kill tiger sharks. The strategy was tried decades ago.

"That's something that continues to be discussed. We have to weigh that with the reasonable likelihood of being able to catch the shark that is involved in this incident," said William Aila Jr. of the Department of Land and Natural Resources.

"Even though those culling programs removed thousands of sharks overall and hundreds of tiger sharks, people were still bitten both during and immediately after the shark control programs," said researcher Carl Meyer of the Hawaii Institute of Marine Biology.

The killings raised cultural concerns for Native Hawaiians. Subsequent research also showed that tiger sharks often travel long distances, making the population difficult to control.

"At this point right now, we don't believe we have the scientific evidence that would allow us to have some measure of success in doing that," explained Aila.

After several fatal attacks in the early 1990's, Maui lawmaker Rep. Joe Souki introduced a bill to fund a state-sponsored hunt. He no longer favors the tactic. Instead, he believes that protecting Hawaii's green sea turtles may be causing more shark encounters.

"What we need to do is to lift the ban on turtles as a protected species, and maybe it could start with the Native Hawaiians as they do in Alaska where they allow the natives to go and hunt the whales during the whale season," said Souki.

"The timelines of the turtle recovery and this increase in incidents, those timelines don't match. The other thing is that turtles aren't the only thing that sharks eat," said researcher Kim Holland of the Hawaii Institute of Marine Biology.

Another theory is that Hawaii's shark fin ban has caused some changes, but local experts disagree.

"Shark bites have been occurring for a long time and during none of that period have sharks been targeted in Hawaii for finning or any other kind of commercial use," said Meyer.

University of Hawaii researchers conducting a two-year study for the state plan to return to Maui in January to tag more tiger sharks.

9-22-13
N=36

SLP HATCHINGS C.M

4C3D210E6D ✓



4C3B394F27 ✓



4C3B602058 ✓



4C3B39552B ✓



4C3C5B6E59 ✓



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4C3B41293E ✓



4C3B536F62 ✓



4C3C68432D ✓



4C3D132E72 ✓



4C3C5B5741 ✓



4C3C5E433D ✓



4C3B476C15 ✓



4C3D145D1E ✓



4C3C58145C ✓



4C3D1F5A37 ✓



4C3D251D08 ✓



4C3D226B5D ✓



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Xeroxed

PAGE
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Sea Life Park Hatching C.m.

8-22-13
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4C3B3F7A08 ✓

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4C3B443730 ✓

4C3C623C52 ✓

4C3B3B6008 ✓

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xeroxed

PAGE 137

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Xeroxed

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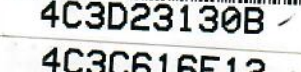
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8-26-13
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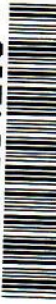
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4C3C586927



4C3B493151



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8-5-13
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KAUPO

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8013

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7/19/13 N=3

N=5 7/28/13

N=241
25 of
7/20/13

SLP
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✓ (141)



142

7-9-2013 SLPN=61



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4C3



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4C3



4C3



4C3



4C3B



4C3C



4C3C



4C3D



4C3C



7/9/2013 SLP

143

SLP
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8015



Do natives have the right to kill seals?

Even though Hawaiians of old didn't hunt monk seals for food, native Hawaiians should have the right to kill endangered species for personal consumption. That is the defense a federal public defender may use when he represents Kauaiian Daniel P. "Gana" Kaneholani in court on the charge that Kaneholani killed and slaughtered a Hawaiian monk seal in violation of the Endangered Species Act, in Anahola in March.

Court documents filed by public defender Hayden Aluli in Honolulu say Kaneholani, 31, who is a Hawaiian living on the beach at Anahola as well as

leasing a Hawaiian Homes home there, may have the same fishing and hunting rights as American Indians. Aluli said Kaneholani might have those fishing rights because he's a "native tenant" of the Anahola "ahapua'a," a pie-shaped area of land that runs from the mountains to the sea. He said Ancient Hawaiians living on ahapua'a were allowed to hunt, gather and fish within ahapua'a boundaries.

Aluli says Indians and Eskimos who live in Alaska may hunt endangered species for "subsistence purposes," and he likened Hawaiian Home Lands to Indian reservations, under

federal law.

The fact that the Office of Hawaiian Affairs has said it could find no historical documentation of Hawaiians ever using seal meat in their diets, and that OHA commissioners have said publicly that they abhor the killing, doesn't make a difference, Aluli said.

He says the Endangered Species Act gives native Alaskans the right to hunt any endangered or threatened species, not restricting them to traditional forms of hunting.

U.S. Magistrate Daral Conklin granted Aluli extra time to do more research on this possible

defense, postponing the trial set for August until Oct. 23.

Assistant U.S. Attorney John Peyton reportedly said he wasn't familiar with ancient Hawaiian practices but will be studying the subject to respond to Aluli's claims.

Kaneholani is charged with shooting the adult female seal in the head, dragging the body to a stand of ironwood trees on the beach at Kahala Point, beheading it and stripping meat off its back. The decomposed carcass was discovered by a National Marine Fisheries Agent

(Please turn to page 3)

HAWAII CLIPPING SERVICE

P.O. Box 10242

Honolulu, Hawaii 96816

PHONE: 734-8124

Victoria Custer Elaine Stroup

GARDEN ISLE

JUL 26 1988

★ monk seal ★

Continued from Page 1)

a several days later.

The seal was one of three seals frequently seen resting in the sun on beaches around Kauai. It appeared she may have given birth to a pup several months earlier but the pup was never found.

Community members expressed outrage at the murder of one of an estimated 1,500 monk seals in existence.

The maximum penalty for violation of the federal Endangered Species Act is one-year in jail and a fine of \$100,000.

SLP 7
N=4



N=42
SLP 7/3/13

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2013

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