

Hanna: 韻兒 Wan Yee

樂柏
滋柏

2018-2019

Horace: 允皓 Wan Ho

GEORGE BALAZS
caliber.
COMPOSITION BOOK
14-21 NOV 2018 WANG YEH
29 NOV 3 DEC 2018 YUCCA
FEB ESTS 39 CHARLESTON
13-20 FEB 2019 T with the Sublime
17-22 MARCH 2019 YUCCA
41808 683 8402

GEORGE BALAZS



PEK
BALAZS/GEORGE HARVEY
CA 541347
CA 1546
27MAY

2 of 3

16-23 June 2019

HK-ZHUHAI - TRAIN AROUND TAIWAN

N.E.S.T.

NETWORK FOR ENDANGERED SEA TURTLES
WIDE RULED OUTER BANKS, NC
9 3/4 IN x 7 1/2 IN (24.7 cm x 19 cm)

SEA LIFE PARK VISIT (75)

March 14, 2019
Thursday

SLP 3-4pm

See photos + video
smart phone

14 TOTAL 5 MALE 9 Females
MALES: W, A, H, Q, J
FEMALES: M, K, N, L, E

3 feeding's per day - small floating pellets + lettuce

Birds eat a lot, 1/3? Turtles don't eat all pellets - too small.

Interest and attempts, one mounting sustained
no millets.

3/29 visited 230-330pm - no mating
Friday attempts seen. photos of children feeding
lettuce; Female P motionless on beach
female E floating high staying by ramp.
Two sets of tracks up back to end of
beach - sand seems compact. No digging!

4/17 Short visit no Nesting or mating.
P Swimming fine. See GOTO
PAGE 87

1:55pm Sunday
17-22 Friday
MARCH 2019

YUCCA VALLEY YARD Clean
TOMMY 290.

+
Pauline
TRASH
Removal
350.

~~of myla~~
~~more~~
~~Shakim~~
[After
shock]

Henk
HAL
goals
Life
science
BIDG
under
CONSTR

STATE GEORGE H
Pr
San Francisco to P
GATE BOARDING BEGINS
PSP NOT YET 7:5
NED Boarding Time 8:45 AM
Flight Depart 8:45 AM

UNITED  **PREMIER ACCESS**

BALAZS/GEORGE H
UA-***678 PREMIER GOLD UA*G

PALM SPRINGS TO SAN FRANCISCO

UA1620 GATE BOARDING BEGINS SEAT
PSP-SFO 17 11:05A 8C

San Francisco to Honolulu
UA-380
SFO-HNL NOT YET 1:25
ASSIGNED Flight Assigned 2:00 PM
Flight Assigned 2:15 PM
Flight Assigned 2:38 PM
E4568P

SENT
ARCHIVE
web
site

You

APRIL 3, 2019 Wednesday

tonke
HALL
goals
science
SDG
under
construct

GAVIN Lamb defense PHd Moore HALL

SLS = Second Language Studies 258

"The Nexus of Discourse and Practice in
Sea turtle tourism and conservation at
Laniākea Beach, Hawaii" Chair: CHRISTINA HIGGINS

DISCURSIVE: Collins - "In a style of
writing is discursive, it includes a lot of
facts or opinions that are not."

Cambridge = "Talking about or dealing with subjects
that are only slightly connected with the
main subject for longer than necessary."

SENT
FROM
web
site

Linguistic & Cultural Diversity
human-wildlife contact globally

Historical inertia of conservation/tourism
Islands KITV video Jim Kennedy voice

Concerns are not born out by Behavioral Biology
of Turtles themselves

ECO Linguistics Anthropocene
Society Barriers and not justified by natural Barriers

Environment Discourse → Action PARSONS
"Largely failing"

Entanglement of Discourse & Action

YOUTUBE
project?

3 chapters

GAVIN LAMB 9:30-11:30 AM April 3, 2019 Wednesday

Therapeutic wildlife experiences - spectacular imagery promoted - LANGUAGE WORDS ARE IMPORTANT
ERASE to create solitude

Social Media / Ecotourism or ESGD - Tourism

use of fake fabricated CONTRIVED AFFECTED LOGICS
LAW versus Fictional LAW LINKED

Biological behavior of HGST vs perceived
What is Respect Wildlife versus DISRESPECT? EXPECTED BEHAVIOR
derived from Human Emotion/Expectation

What turtles are PERSONALITY
emerge from people Charisma
Emerges through encounters
Relational Identities produced from interactions RELATIONSHIPS
Identity

Use of Hawaiian Language Question

* Post-colonialism vs Federalism vs STATES RIGHTS
USES A

Remediation of historical wounds - POINTS INTERSECTION
Sovereignty

Who has the right to determine the future of conservation
Environment

Why aren't they more in view?

HUMANISM

Need NAME/EMAIL of each committee member
5 TOTAL

Chair: Chris
Har
Alex
Jona
Grah

79



University of Hawaii at Manoa

Graham Crookes

Professor
Chair

Department of Second Language Studies
1890 East-West Road
Honolulu, Hawai'i 96822

Phone: (808) 956-6046
E-mail: crookes@hawaii.edu
www.hawaii.edu/sls/sls

Pacific Islands

Chair: Christina Higgins - cmhiggin@hawaii.edu

Haruko Cook - hkcook@hawaii.edu

Alexander Mawyer - mawyer@hawaii.edu

Jonathan Padwe - padwe@hawaii.edu

Graham Crookes - crookes@hawaii.edu

04/03/19 11:32 AM

CREDIT CARD

04/03/19 08:32 AM \$12.00



60168Z IC
 002/0018
 18T 03APR TPE
 AZS/GEORGEHARVEY
 ALPEI
 IDENTIFICATION TAG
 CHINA AIRLINES

CHINA AIRLINES
 BALAZS/GEORGEHARVEY
 DL2684362045
 Y 03APR 01
 M HONOLULU/HNL
 O TAIPEI/TPE

CHINA AIRLINES
 BALAZS/GEORGEHARVEY
 DL2684362045
 CI2 Y 14APR 0200
 FM TAIPEI/TPE
 TO HONOLULU/HNL

座位 Seat 登機順序 Boarding Seq.
49G ZONE2
 FPML SJZQ33
 1

座位 Seat 登機順序 Boarding Seq.
49H ZONE2
 FPML SJZQ33
 ETKT297241019608502

withdraw 10,000 NT
 First Hawaiian
 臺灣銀行 *Cherry*
 BANK OF TAIWAN
 3/4/19 自動櫃員機交易明細表
 ATM Transaction Receipt

日期	時間	機號	交易序號
2019/04/04	21:00	11561	0044379907
DATE	TIME	ATM NO.	TX NO.
原存行(轉出行)編號/帳號 *****5875			交易類別 EWD
ACT. NO./CARD NO. 卡別代碼 A0000000043060	入帳日	手續費	TX TYPE
APP. IDENTIFIER 交易金額 10,000.00	DUE DATE	FEE	
AMOUNT	可用餘額	358,776.10	
授權碼 525247	帳戶類別 CHECKING	訊息代碼 OK	
AUTH. CODE	ACT. TYPE	MSG. CODE	
交易認證碼 B744439704C1A7B8	鈔券張數 1000x10+100x00	BILLS IN DETAIL	
TC			
卡別 Maestro			
APP. LABEL			
訊息代碼說明 交易完成			
MSG. DESCRIPTION			

其他訊息代號，請至臺灣銀行網站查詢
<http://www.bot.com.tw>
 如有任何疑問，請洽營業櫃檯查詢
 謝謝惠顧

Please visit our web site for other message codes as following:
<http://www.bot.com.tw>
 Please contact with business counter if you have any question.

Teachers DESK
chi guan

3 nights Teacher 14000 NT
 臺灣銀行
 BANK OF TAIWAN
 台北教師會館
 謝謝您!!
 商店代號 004190882571001
 請求機代號 4/12/13 10010001

4/14/2019
 VISA
 438857 4036(C)
 卡號 (Card No.)
 卡類 (Trans. Type)
 卡號 (Batch No.) 000473
 卡類 (Auth Code) 04110C
 日期 (Date/Time) 2019-04-14 17:51
 卡號 (Inv. No.) 000008
 卡號 (Ref. No.) 910464296307
 金額 (Amount): NT\$4200

BALAZS/GEORGE
 I AGREE TO PAY TOTAL AMOUNT
 ACCORDING TO CARD ISSUER AGREEMENT

退貨憑電子發票 王本辦理



AM 4/18/19
 裕華宏
 批發



3-14 APRIL 2019 WALK WITH MAZU

81

Mrs Linda Balazs

PEI ZHEN

Yaobing Lin

Xu Ying

Chuntie

save web

page complete



(官網訂購)

裕華宏
零售批發團購

劉明宏 0910-797443

電話: 07-8216733 統編: 69916437

ID: @cuf8590t

地址: 高雄市前鎮區草衙一路29號



NT\$100

神保庇

最高獎金 30 萬元

任一局中刮出3個相同符號，即得其對應的獎金(不可跨局對獎)



第一局	AGREE	AGREE	INGOT	獎金
第二局	INGOT	LANTERN	INGOT	獎金
第三局	LANTERN	LANTERN	INGOT	獎金

刮出一個金額，即得該獎額

036341-072

蘇杭點心店
 ~Since 1967~
 4/5/19

中國蘇式點心專賣

古亭店：台北市羅斯福路2段14號 (捷運古亭站7號出口，步行5分鐘)
 營業時間：AM11:00~PM8:30 (不午休)
 訂購專線：(02)2394-3725
 民生店：台北市民生東路4段76號 訂購專線：(02)2716-0696
 營業時間：AM11:30~PM9:00 (不午休)

2019.04.06 臺灣鐵路局 刷換
 光C.K. Exp 561次
 台北 Taipei → 大甲 Dajia
 13:42 到 16:24 到 1788
 6車 26號 Car. 6 Seat. 26
 NT\$264元
 069406-0442-451 限當日當次車有效 *04.06 12:44

Taipei 13:42 → Dajia 16:24

MACADAMIA
 永達保險經紀人股份有限公司
 財團法人永達社會福利基金會
 4/11/2019 Daphne Su 蘇意雯
 0972-293169
 地址：台北市大同區承德路三段 246 號 7 樓
 電話：02-2598-3886
 傳真：02-2598-3836
 e-mail: susnow21@gmail.com
 MDRT® 美國MDRT會員

(04)2687-3377 +886-4-26873377
 台中市大甲區孔雀路55號 No.55, Kongqiao Rd., Dajia Dist.,
 Taichung City 437, Taiwan (R.O.C.)

DAYIA
 MAOHUA MOTEL

night 4/11/19
 彰化銀行
 茂華商旅
 商店代號 009548799061801
 端末機代號 18013955
 卡別(Card Type) VISA
 卡號(Card No.) 438857*****4036(C)
 交易類別(Trans Type) 銷售 SALE
 交易日期(Date) 2019/04/08
 調閱編號(Inq. No.) 007049
 授權碼(Auth Code) 01659C
 交易時間(Time) 19:00:55
 批次號碼(Batch No.) 000619
 序號(Ref. No.) 909868455382
 金額(Amount): NT\$ 1,280
 金額(Amount): NT\$ 2,
 金額(Amount): NT\$ 4,84

MAOHUA MOTEL
 茂華商旅

Wed 4/10

2
 Ac
 4/3
 4/4
 4/5
 4/6
 4/7
 4/8
 4/9

2019 TAIWAN WALK WITH MAZU (83)
ACTIVITIES AND MOVEMENTS #3
FOLLOWING MAZU

4/3 Wed. ~ 3pm CIOI to TAIPEI

4/4 Thursday ~ 8pm TAOYUAN • 1045pm TEACHERS
Rm 6122

4/5 Friday PLANTS LUNCH; BITAU RIVER Chialing friend DIMSUM
HOTEL BREAKFAST Chialing DINNER

4/6/19 SATURDAY EKACI Breakfast
TRAIN TO DAJIA TAXI TO
MAOHUA MOTEL 5PM Rm 0221
STEAK HOUSE DINNER

4/7/19 Sunday HOTEL Breakfast ~ 8:30am
TAIWAN WOMAN PRESIDENT + KMT Candidate Temple
Slept 6:30 - 9:45pm 10:30pm MAZU PROCESSION
FIREWORKS from Bridge

4/8/19 Monday 3:15am TAXI BACK TO HOTEL
~ 4:30am - 8:30am Sleep
DREAMS OF STRANGENESS
Breakfast at brunch shop. TO Temple. TO
HOTEL TO Temple around town.
STEAK HOUSE DINNER

4/9/19 TUESDAY 11:59am TRAIN TO TIANZHONG
PROCESSION W/ ONE HOUR TAXI TO MAZU
TOWN JOYCE FROM DAJIA. MAZU PALACE INSIDE
WALK FUNERAL AREAS RICE TO SMALL Temple: WALK over long
BRIDGE - SUNSET, HUGE WELCOME AT TOWN END
OF BRIDGE. TIME IN Temple. TAXI TO Chugueh
TRAIN STATION 1500 FT. ONE HOUR WAIT FOR DAJIA
LOCAL - ONE HOUR TO DAJIA. TO Bed ~ 12 MIDNIGHT.

Wed. 4/10/19 2 PM TO MINKANG 2 hour trip.
GROUP TAXI TO XINGANG TO Temple
2nd FLOOR. Woman offered A sleeping st

Need TV B.S. video 4/12/19
MAZU



2019.04.09 臺灣鐵路局 刷
 光 C.K. Exp 509 次
 大甲 Dajia → 田中 Tianzhong
 11:59 開 13:00 到 卡號 1788
 4 車 43 號 Car. 4 Seat. 43
 NT\$109元
 380409-0129-769 限當日當次車有效 11:08

臺灣鐵路局
 2019.04.09
 區間車 3A
 彰化 3A
 大甲
 票價 53元
 21252
 217409-9782-309
 限當日有效 20:50

4/9/19
 DAZU
 2000
 新台幣
 中獎
 YUANLIN →
 TIANZHONG

Pharmacy 4/14/19
 大家的銀行
 合作金庫銀行
 TAIWAN COOPERATIVE BANK
 益新生技股份有限公司
 中力門市
 商店代號 006251322741002
 端末機代號 10020002
 卡別 (Card Type) MASTER CARD
 卡號 (Card No.) 537802*****1788(C)
 交易類別 (Trans. Type) 銷售 SALE
 批次號碼 (Batch No.) 000405
 授權碼 (Auth Code) 01324W
 日期/時間 (Date/Time) 2019/04/14 16:40
 調閱編號 (Inv. No.) 000012
 序號 (Ref. No.) 910460043320
 金額 (Amount): NT\$1010
 持卡人存根
 BALAZS/GEORGE
 I AGREE TO PAY TOTAL AMOUNT
 ACCORDING TO CARD ISSUER AGREEMENT
 BALAZS/GEORGE
 客戶收據 CUSTOMER COPY
 I AGREE TO PAY TOTAL AMOUNT
 ACCORDING TO CARD ISSUER AGREEMENT

2019.04.10 臺灣鐵路局
 光 C.K. Exp 513 次
 大甲 Dajia → 民雄 Minxieng
 14:00 開 15:54 到
 3 車 42 號 Car. 3 Seat. 42
 NT\$189元
 381410-0142-025 限當日當次車有效

臺灣鐵路局
 2019.04.11
 區間車
 民雄
 大甲
 票價 157元
 610411-0057-174
 限當日有效 12:17

4/12/2019
ALBEE
9 years old
need
*GRANDMA

SANDY → 許淨雲 home
407 台中市大甲區順天路

439 台中市大甲區福興里福東路15號

437 台中市大甲區順天路158號

Jenn
Lanni
Temple

Dajia

TAIPEI
STATION 4/13/19



野柳海洋世界
OCEAN WORLD

Richard Chen
Department of Animal
Health Management / Director
iruka12345@gmail.com

Yehliu Ocean World
No.167-3, Kantung Rd., Yehliu Village,
Wanli District, New Taipei City, Taiwan
Tel +886 2 2492 1111 ext.603
Fax +886 2 2492 1110
www.oceanworld.com.tw

EVER

2019.04.12 臺灣鐵路局
莒光 C.K. Exp 562 次
大甲 Dajia → 台北 Taipei
14:20 開 17:05 到
4 車 40 號 Car. 4 Seat. 40
NT\$264元
381412-0216-936 限當日當次車有效 13:49

2019.04.13 臺灣鐵路局 刷 4/13/19
自強 T.C. Ltd Exp 230 次
台北 Taipei → 花蓮 Hualien
13:45 開 15:56 到 1788
7 車 16 號 Car. 7 Seat. 16
太魯閣 Taroko Exp
NT\$440元
089413-0448-547 限當日當次車有效 13:02

2019.04.13 臺灣鐵路局 刷 4/13/19
自強 T.C. Ltd Exp 427 次
花蓮 Hualien → 台北 Taipei
17:00 開 19:30 到 1788
6 車 22 號 Car. 6 Seat. 22
NT\$440元
089413-0449-491 限當日當次車有效 13:02

CONTINUED Actual Birthday = APRIL 27
Western Calendar

4/10/19 FOR ~ 5pm to Midnight on MAO street -
Wednesday Processions huge Fireworks. Fried chicken
dinner. "TAICHUNG TIGERS" Promised. Audio
Cars Astonishing. In temple transferring gods
hand over hand. Applaud after each. Packed
Solid. Went to sleep on PAD ~ midnight.

4/11/19 AWAKE ~ 6:30 AM. Photos from 3rd
Thursday floor. Prayer Ceremonies ^{with} pigs - not cooked
7-11 lunch. TAXI back to TRAIN Station
TO Chungwha - immediate transfer to Daji's
24 hour trip arrived Hotel ~ 3:30 pm

4/12/19 Friday - TRAIN photo AT TRAIN Station
2:20 PM TO TAIPEI 7pm arrive. Japanese
dinner Taipei Station C-LF; TAXI TO
Teachers.

4/13/19 Saturday TRAIN RT to HUIALIN.

4/14 Sunday BRUNCH w/ Andy Benida C-L
2:00 PM Lecture by Chris King
TO TAIPEI Station TAXI 6pm; BUS TO TADYUAN
Depart ~ 9pm ARRIVE HNL 4/14 Sunday ~ 1pm

FR
4/19
Friday

FROM
4/20
SAT.

4-23
SLP
Ra
Fe

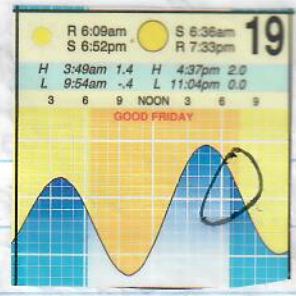
4/27
SATURDAY

1:30 PM

5/6/M

or mo
5/18

From P. 53
 4/19/2019 G STREET GATE APRIL 2019
 15 MAIN STREET



87
 NUIPIA

Friday 3pm - 4:30pm G.
 Several fresh Clump Salicornia

Turtle by bridge SA; 3-4 by TRIPipes; 3-4 between green feeding sign & dual culverts.

From P. 75
 4/20/2019 3:15 - 4:15 pm SLP eiffark
 SAT. FIRST NESTING LAST Night 4/19 Friday

♀ U - Big fold fat above hind flippers
 KIWA, NUI & MAVI - not eating
 MALE C Bitten end Right FF (dove white nesting?)

♀ E not eating
 4-23-19 Tuesday 3:15-4 PM. ♀ E Floating high by SLP Ramp. Birds along edge where feeding. Male ♀ Female Kout Basking; W Male Mauled for 10 MIN on NUI.

4/27 SATURDAY SLP 3:00-3:45 pm E on the beach
 still only a single nesting. see photos BASKING.

[1:30 PM Sunny BAK-Hospital consultant INTERACTIONS STANDARDIZE METRIC]

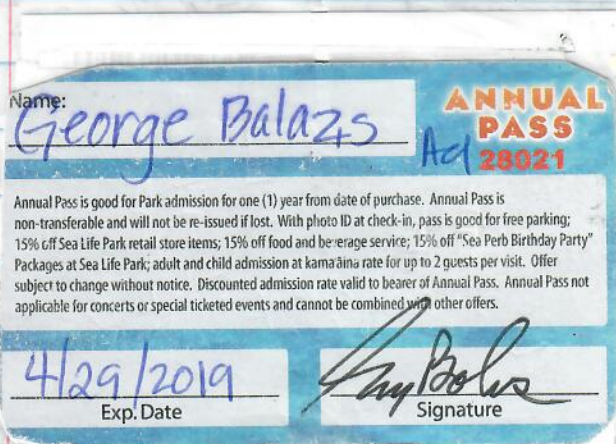
5/6/Monday SLP DIG seen this morning but unknown if eggs. Several days ago or nest - likely same mother as first of season

5/18/19 photos short visit TO P. 88

(88) 4/28/2019 IRENE NURZIA Humburg

"Shifting sands submerged: a 200-year snapshot in the history of East Island, Hawaii's green & turtles" "Holy Ground"

From p. 87 5/30 Thursday Short visit photos
SLP NO New Nests according to staff.



CLAY M
EPIN
MELANI S

5/1/19

Inute Jena
Russe
Alelani
Asuka
ALEXUS

ASUKA =
The Big
Turtle

SAM

Send P

Asu

Blue a
"BUDA

MARK

TTORI

Asuk

CLAY MILANI N=6 LAST
7th Meeting of the Protected Species (89)

EPIN MELANI CHAIR ADVISORY COMMITTEE. MAY 1-2 2019

5/1/19 ASUKA EISA updates from 3/2019 PIRO - See DOCS
Wed. Thurs.

Jenny - GT HABITAT AT COOPCIL No work due to FWS
Russell Ito Presentation
Melani - HUTCHINSON
ASUKA/KITTY - Presentations?
Send VISIT Finch
Rena
MALIBU HOTEL

ALEXUS! CONTRACTOR ALEX FILARDO renewed P.S. Porton Safe Report 2004-2018

ASUKA = "BIG THEORY" 40-60 cm
More Turtles Move interactions 6-10/year Recruit to BAJA
The Big Answer! Russell - Flexible CAP
Coverage

"TURTLE WATCH" - catch is 50% in 50% outside
SAM - "Something Going on" CONTROL THEM
MILANI - "Do it right or don't do it at all!"
SUNNY BAK - HOSPITAL

SAM - "From the Outside looking in"
Send PLOS one
PULSES linked to interaction

ASUKA - Seabird interactions. Report Card?
Blue dye so unpopular - operational hassle.
"BUDAI"

MARK FITCHETT
TODD - Results of involve Ridley project.

ASUKA/MIKE MCCOY LL BY CATCH Reduction PP

18
MAY 2, 2019 Thursday
PSAC Day 2

Relagic non-longline Fisheries presentation
CUM GUAM CREEK presentation MARLOWE SABATER
TTJ - overview of warm water research in the NMI presentation

~ KO Hawaii Pae Aina = Hawaiian Archipelago
96% CNP LALO Monk Seal Researchers
TRAINING US. HIS PP

99% lost nests WALAKA
TEEN Aerial before after 20% nests lost
in 2 weeks go.

Thane
Aene NH #HONUCOUNT2019
SCAPE Photos

- FAST Growth -
JBE OMAKEY

[2010 was bytz TO SAM]

DR. DAS HSDAS@EAD.AE
ERWDA = Now "ENVIRONMENT Agency
Abu DHABI"

SAIF = head of Ras AL KHAIMAT
ENVIRONMENT Agency

SAIFALGHAI@HOTMAIL.COM

Wednesday
 MAY 7 - 13 Monday
 MALIBU - YUCCA 5-9 TO 5-
 Thursday (91)

UNITED

BALAZS/GEORGEH

UA-*****678, Premier Gold, UA*G

Honolulu to San Francisco

VALLEY
 LA → MALIBU
 5/8/19 DAY w/ EMMETT AND RENEE

UA 396

GATE

BOARDING BEGINS

SEAT

19

SFO

8:10 PM

22G

Boarding Ends: 8:45

9:00

UNITED

BALAZS/GEORGEH

UA-*****678, Premier Gold, UA*G

San Francisco to Los Angeles

HARRY EMMETT
 Fubch
 Birthday = 98
 May 6, 2019
 wife Renee

UA 504

GATE

BOARDING BEGINS

SEAT

SFO-LAX

NOT YET ASSIGNED

5:50 AM

12C

WED 08 MAY 2019

Boarding Ends: 6:15 AM

Flight Departs: 6:30 AM

Flight Arrives: 9:18 AM

5/8 wed ARRIVE - drove LAX to Malibu
 spent the day at Emmett's home 32101 PCH
 PM drove to Thousand Oaks LaQuinta overnight

5/9 Thursday drove to Yucca - nights of 5/9 Fri 914 121
 5/13 to 15 to Home via SF, (Thurs) SAT

Visited Pioneer Town gifts at Walmart, & Potted weeds.

YUMA & ACOMA all torn up for sewer lines. work by

EMMETT'S PSYCHIC
 ROMANA HUBSCHER died 1996

* need EMMETT'S OLD LETTERS *

Research

[WAYS] PLACES TO STUDY SEA TURTLES TO ACHIEVE CONSERVATION - Define Conservation

- ① Nesting Beaches - Count tag mother turtles
- ② " " " " - Egg nest success/productivity
- ③ Fishery by Catch - observer programs
- ④ Directed ocean capture by researchers
- ⑤ Counts from shore or sky of turtles with water
- ⑥ Stranding Network - Causes species sizes locations
Subheading - Necropsy Rehab - Release
Bring people together Use Record keeping
Makes possible Causes; genetic Sampling

5/1
5/2
5/2
5/2
5/2
5/2
5/2
5/2

CA 0838 18MAY

BEIJING

PEK

AIR CHINA
中国国際航空公司

BALAZS/GEORGEHARVEY 17
HNL 18MAY METS9X

TO

PEK

BEIJING

CA 0838 18MAY

AIR CHINA
中国国際航空公司

CA 396405

AIR CHINA
中国国際航空公司

CA 454792

BALAZS/GEORGEHARVEY
BAG: 01/10 B/NO: 143
BEIJING
CA 0838 18MAY PEK

STAR ALLIANCE

登机牌

姓名 Name
BALAZS/GEORGEHARVEY

自 From HONOLULU HI
至 To BEIJING
航班号 Flight/日期 Date/舱位 Class
CA838 18MAY W

座位号 Seat No.
51H

常旅客 FQT UA*G
JA KF185678
CTKT0003680203303/1

AIR CHINA 中国国際航空公司

5/18/2019 AIR CHINA SATURDAY 1150pm CA838
5/19 Sunday

5/20 Monday ARRIVE 455 AM

5/21 TUESDAY

5/22 Wed. CA 1545 TO YANTAI ^{Shandong province} ^{2 Grand}
VAN TO Penglai. Attach 4 set tags (3 Min, ^{haunts}
1 CC ^{Professor} DR. CHEN ^{East China Normal} ^{near} ^{Shanghai}

(5/23 Thursday Ceremony outside. Then to 2 ship
Release. 4 Turtle SAT. + others 5 ⁵ SAT + DOLPHIN ⁵
+ HARBOR SEAL. Afternoon presentation

(5/24 Friday Morning presentations / PM 2 GUP ⁵

5/25 ^{C. Fong} Saturday 9 AM VAN TO YANTAI AIRPORT
whole shark AQUARIUM. Picked VAN TO YANTAI CITY
Night at Mineral Springs

5/26 Sunday ^{4 TURTLES} chialing depart ~ 11 AM
Night AT MINERAL SPRINGS small room

5/27 Monday CA 1546 1115 AM BEIJING
2 PM - 10 PM IBIS HOTEL

5/28 150 AM CA 837 TO HNL.

CP

2/8 Tom Birthday
2/21/13 MANGBY WANG

PEKING
Juck
Lunch
5/20/19
hosted by
DR. GUO

DADONG

大董訂餐卡
Dadong Reservation Card

5-20-19 Lunch a40546457 Maggie

富國集團

Maggie Chang

General Manager



北京工体
富國海底世界
BLUE ZOO BEIJING
Worker's Stadium (South Gate),
Beijing 100027 P.R. of China
Telephone: +86 10 6591 3397 Ext.2668
Direct Phone: +86 10 6591 3379
Facsimile: +86 10 6593 5262
Mobile: 15811251030
E-mail: maggie.chang@richina.com
website: www.richinapacific.com
www.bluezoo.com.cn

Beijing

2019年景山公园春季文化活动

景山
千鱼畅游慢景山
百花争春冠牡丹

Jing Shan Park

景山公园管理处
121100007533423470
发票专用章
061912720202170

2/21/13 Maggie

登机牌

姓名Name

BALAZS/GEORGEHARVEY

自From BEIJING
至To YANTAI CITY
航班号Flight/日期Date/舱位Class

CA1545 22MAY T

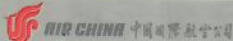
座位号Seat No.

24C

常旅客FQT UA*G

UA KF185678

ETKT 9992110289664/1
030



AIR CHINA
中国国际航空公司



362013
AZS/GEORGEHARVEY
YANTAI CITY
YNT CA 1545 22MAY

BAG: 01/10

登机牌
BOARDING PASS

航班
FLIGHT CA1545

日期
DATE 27MA

姓名
NAME BALAZS

目的地
TO BEI

座位
SEAT 18C

序号
SERIAL NO. 087

烟台蓬莱国际机场
YANTAI PENGLAI INTERNATIONAL AIRPORT

HNL--HONOLULU
INTL
PEK--BEIJING
YANTAI PENGLAI
INTERNATIONAL
AIRPORT
PEK--BEIJING
HNL--HONOLULU
INTL

尊敬的宾客
欢迎您下榻
能在此度过

Dear Guest,
Welcome to
be enjoyable a

中国北京
NO.18Xinyuan
电话/Tel: (86)

95

Room 808 BEIJING

水生野生动物保护分会

尊敬的宾客：
欢迎您下榻北京渔阳饭店。我们衷心的祝愿您能在此度过一段美好的时光。

Dear Guest,
Welcome to Beijing Yuyang Hotel. We hope your stay will be enjoyable and unforgettable.

5/20 - 5/21/19
MON. TUES.
PAID BY CSTCA
YUYANG HOTEL
中国北京朝阳区新源西里中街18号 邮政编码:100027
NO.18Xinyuanxili Middle Street, Chaoyang District, Beijing P.R.China.
电话/Tel:(86-10)64669988 传真/Fax:(86-10)64666638
www.yuyanghotel.net

Official Invitation Letter to 2019 World Sea Turtle Conservation Day Event & China Sea Turtle Conservation Alliance Annual Meeting

March 18th, 2019

Dear George H. Balazs,

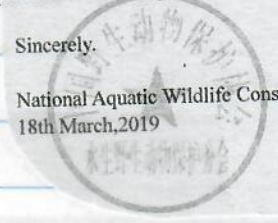
In 2019, the Ministry of Agriculture and Rural Affairs (MoA) of China launched the "National Sea Turtle Conservation Action Plan" (the "Action Plan"), which looked to facilitate and support joint efforts for China Sea Turtle Conservation Alliance across multiple levels society. We, the Bureau of Fisheries and Fisheries Law Enforcement of the MoA, along with National Aquatic Wildlife Conservation Association will host the 2019 World Sea Turtle Conservation Day Event & China Sea Turtle Conservation Alliance Annual Meeting in Penglai, Shandong Province from May 22-25, 2019, and will establish international sea turtle council group to improve China sea turtle conservation.

It's our great honor to invite you to attend the event and annual meeting, and to speak on solutions for decreasing the influence of fisheries on sea turtle populations and improving capacity for sea turtle rescue. There will be also two side events focusing on turtle nesting ground conservation and artificial breeding. It is greatly welcomed if you can share your experiences upon above.

Round-trip transportation and accommodation will be covered at our expense.

Contact information: Chen Fang,
E-MALL: nawca@163.com

Sincerely,
National Aquatic Wildlife Conservation Association
18th March, 2019



HONOLULU INTL CA838 W 18MAY 2330 0455+ SATURDAY
BEIJING ARNK
PENG LAI
INTERNATIONAL CA1546 W 27MAY 1115 1235
AIRPORT
BEIJING CA837 W 28MAY 0150 1730-1 TUESDAY
HONOLULU INTL

5/22



OCEAN HOTEL

欧乐堡海洋度假酒店

山东省蓬莱市海滨东路8号
No. 8, Penglai Seashore East Road, Shandong
T +0535 5958999



Beijing Foreign Studies University
School of Translation and Interpretation

5/24/2019
Graf

Simultaneous/Consecutive Interpreter

Weihong Ge
Jessica
Interpreter

Tel: 13701181800

E-mail: weihong2203@sina.com
weihong203@gmail.com

CONSERVATION INTERNATIONAL



María Claudia Diazgranados
Oceans and conservation
incentives director

Carrera 13 No. 71-41
Bogotá - Colombia
Cel: +(57) 3108127986
Tel: +(571) 3452854 Ext. 112
mdiazgranados@conservation.org
Skype: maria.claudia.diazgranad
www.conservation.org.co

Ocean Park
Conservation Foundation
Hong Kong

黃偉浩 博士
助理科研經理

5/23/19



海洋公園 香港 香港仔
電話: 852 3923 2679 傳真: 852 2553 5840
電郵: simon.wh.wong@oceanpark.com.hk
www.opcf.org.hk

SIMON WONG



5/24/19

Hai-Tao Shi Ph.D Professor

Vice-President, Hainan Normal University
Vice Chairman, Association for Science and
Technology of Hainan Province

Address: No. 99, South Longkun Road, Haikou, Hainan Province, P.R.
Tel: +86-898-65803298 P.C.: 571158
Mobile: 13637592987 E-mail: haitao-shi@263.net

陈学亮
副总经理

ken

5/24/2019

Graf

18364235907

山东省日照市东港区奥林匹克
水上公园内

0633 8993123
0633 8993008
13667417@qq.com
www.rz-oceanpark.com



—— 照亮你心中的那片海 ——

RENYIFAN @ HAICHANG GROUP.CN

olivia

Wenjuan

赵文

项目官员
全球环境创意基金

Senior Program Assc
Global Environmental Innovation

wzhaoh@geichin
手机 | Mobile: +86 186001



中国北京市朝阳区亮马河南路14号塔园外交办公楼1单元032室 邮编100004
Tayuan Diplomatic Office Building, 14 Liangmahe South Rd, Unit 1, Sui
Chaoyang District, Beijing 100000, C

电话 | Tel: +86 (10) 85325910-220 传真 | Fax: +86 (10) 853
www.geichin



I-Fan Jen

Vice General Manager
(Animal Management, Veterinarian)

Yantai Fisherman Wharf Investment Co., Ltd

No. 45 Binhai Road Laishan District Yantai
(264003)

Tel/0535-6705855

Fax/0535-6702983

Email/renyifan@haichanggroup.cn

Mob/13541331195

QQ/3508383968

www.ythaichang.com

Dimen

Need SLP

SAT. Put on web

Yoshi
BRILLIANT
5/23/19
AVAILABLE
Videos
Exc.
Wechat Account

How to
Conserve
5/18/19

CSTCA ^{China} Sea Turtle Conservation Alliance

5/23/2019 DINNER
DIRECTOR CHEN Fang

5/23/19
Yoshi Tracks?
SAT. TRACKS?

GEI

5/24 JING Wang Global Environmental Institute
need her PP nice paintings(!)

MARTA CLAUDIA DIAZ GRANADOS People & Nature
"Protect Nature for the Benefit of People"

[Hai Chang Ocean Park I-FAN JEN
First Successful Breeding Accidental Whaleshark
2015 See Pictures, Taiwan? Museum
100% mortality Release westerners? N=7

Simon - next cycle 2020/21 turtles/seals
Stiff Teacher Taiwan Normal Univ.
20 rescue a year 2013 500m "Rescue station"

us WSTOR vs WTD
Rescue Rescue Rescue - & use
But what about dead. Lead use
Need Records
Genetics
parade
56%

5/23/19
Min -
Quingxiao
ELECTRIC
SHOCKING

Rescue Group DISCUSSIONS TRANSLATOR
JESSICA

5/24/2019

Direct CHEN

BRIAN
STACY
BOOKS

TRAN

SHANGHAI AQUARIUM

Need - More Medical support / check up.
next Video checkup.

workshop

Shandong Ocean Park -

Wo Chong Ocean Park - green turtles

HONAI ~~COMPANY~~ 2014 SAT TRACK BREIDON COM.

ocean Park - nesting grounds

TINDAO ocean Park 3 years old 7 turtles
has license WORLD

next = Aquarium 7 years small bites flight
Training turtles before release

Yantai Shunko Aquam (♀) 18 turtles breed 42 hatchlings
Ocean Park - close to TAMU and Golf

Tourists pick up watching - so many turtles - space
A problem

Beijing Ocean Park (♀)

Sheppard Ocean Park

Sheppard NANJI 6 turtles breeding eggs in water

Yantai Shunko & whole Aquam breeding NUTRITION

Teacher - Normal Univ.
HANAN

5/24/2019 Group

99

Define Resour

Memberships

Group 1 Summaries

Min - MAZU
LW

Bycatch
But not by Fishery
Community

Group 2 - See paper
poster
Prof. LIA

SHULING CHEN

China Fisheries Science Fellow



NRDC CHINA PROGRAM

TAIKANG FINANCIAL TOWER, SUITE 1706, NO. 38 DONGSANHUAN BEI ROAD

CHAORYANG, BEIJING, CHINA 100026

T 86.10.5927.0653 / 86.10.5927.0688 EXT.653

M 86.186.0107.4291 / F 86.10.5927.0699

SCHE@NRDC-CHINA.ORG / WWW.NRDC.ORG / WWW.NRDC.CN

100% Recycled paper

379 RMB IBIS
ICBC 中国工商银行

持卡人信息 (Cardholder Copy)

商户名称及编号 (MERCHANT NAME AND NO.):

北京空港明珠大酒店有限公司

020007011549

终端编号 (TERMINAL No.): 002

检索参考号 (SYSTEM No.):

00081194

FOREIGN MERCHANT HOME NO. 5/27/19 TO

FOREIGN CARD HOME NO. 2PM 10PM

FOREIGN TRADE: 9170000000

卡号 (CARD No.): CSN:02

537802*****1788 C

发卡行卡类别 (ISSUE BANK CARD TYPE):

MASTER 借记卡

有效期 (EXPIRE DATE): 流水号 (TRACE No.):

06/22

000014

日期时间 (DATE TIME):

2019/05/27 13:58:26

379 RMB



HQXS 环球信士



SAT TRACK Co.

Zhou Minghui

Chief Production Officer

Hunan Global Messenger Technology Co., Ltd

Room 606, 6th Floor, No. 7 Building, No. 39

Jianshan Road, Gaoxin District, Changsha,

Hunan

410205, P.R. China

Web: www.hqxs.net

Fax: +86-731-55580037

Tel: +86-731-55580037

Mobile: +86-18073232608

106050931@qq.com



INSTITUTE OF HYDROBIOLOGY
THE CHINESE ACADEMY OF SCIENCES

Xianfeng Zhang, Ph.D.

Professor
Director,
Museum for
Aquatic
Organisms

No. 7 South Donghu Rd., Wuhan, 430072, CHINA

Tel: +86-27-68780068; +86-13507112330

Fax: +86-27-68780123

Email: zhangx@ihb.ac.cn

5/27/19 DAY

周亚敏 Yamin Zhou
销售经理 Sales Manager



宜必思尚品北京首都机场酒店
北京市顺义区天竺镇府前一街32号

电话: 010-64571919 手机: 18301282021
邮箱 E-mail: zhouyamin002@huazhu.com

app.huazhu.com www.huazhu.com 4008-121-121

登机牌
BOARDING PASS

航班 FLIGHT CA837
日期 DATE 28MAY
姓名 NAME BALAZS/GEORGEHA
目的地 TO HONOLULU
座位 SEAT 52H
序号 SERIAL NO. 032



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6/7
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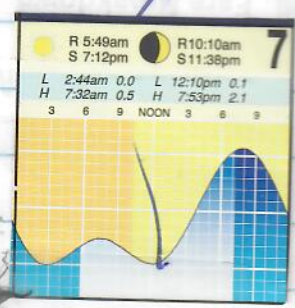
7-3-2
Wed
walk
Jon
Not pres
I dead
ANIS
NOSTIN



6-6-2019 Molokai 6am - 9:15pm
Thursday, RAIN. Breakfast w/ Kathie RAAB

6/7, FRIDAY

NUUPIA - from (page 87) 12:30^{PM}-2:30^{PM}
walk farther than ever - collected PM
Scum algae - Photos. 7 d TRIPipes. 4' No. 1
along edge resting seen from bridge. Very low
tide - many photos.
Sample sent to KARLA
FOIID =



Cyngbia



7-3-2019

Wednesday 11:30 AM - 2 PM. Lancel
walked to footbridge up stream. Turtle there 4 days
Jon. Tried to scoop net and it swam away.
Not free now. ALGAL Scum Raft ~50% reduced
2 dead mullet seen.

ANISSA KRICK Volunteer FWS monitoring
nesting FT. HASE SHORELINE.

6/12/2019 Wednesday
 Picked up Patrick Ching PAINTING
 A HONOLULU STORY intern CHRISIA
 took photos

FLIGHT INFORMATION

Day, Date	Flight Class	Departure City and Time	Arrival City and Time	Aircraft	Meal
Sun, 16JUN19	UA201 XN	HONOLULU, HI (HNL) 2:15 PM	GUAM (GUM) 6:00 PM (17JUN)	777-200	Purchase
Mon, 17JUN19	UA159 XN	GUAM (GUM) 6:50 PM	HONG KONG (HKG) 9:50 PM	737-700	Dinner

電子機票確認單

訂單號: 6100817424
 電腦確認號: RDYKD3
 旅客姓名: MR BALAZS/GEORGE HARVEY
 電子機票號碼: 297-3691437723
 航空公司確認號: RDYKD3
 出票日期: 09June2019
 出票航空公司: 中華航空公司

行程日期	星期	起飛/抵達之城市及機場	航班	艙位	起飛/抵達
20-Jun-19	Thu	Dep Hong Kong Chek Lap Kok Apt (Hong Kong S A R) Terminal:T1	CI602	經濟艙	1015
20-Jun-19	Thu	Arr Taipei Taoyuan International Airport (Taiwan) Terminal:T1			1205

From	To	Flight	Class	Date	Departure	Arrival	Booking status(1)	NVB(2)	NVA(3)	Last check-in	Bag
TAIPEI TAIWAN TAOYUAN INTL	HONOLULU DANIEL K INOUYE INTL	CI2	R	23Jun	21:10	12:30	OK	23Jun	23Jun		2
Terminal: 2	Terminal: 2										
Operated by	CHINA AIRLINES LTD.										
Special Service Request	DOCS - PASSENGER/CREW PRIMARY TRAVEL DOCUMENT INFO - CONFIRMED										

: Balazs Georgeharvey (ADT)
 : 297 2411003007
 : CC VI XXXXXXXXXXXXX4036/ XXXX 039
 : TWD 18600
 : USD 591.00
 : USD 45.50 YQ USD 3.96 XA
 : USD 5.77 YC USD 18.60 US
 : USD 687.73

49

SUNDAY 6-23 JUNE 2019

103

HONG KONG-ZHUHAI-TAIWAN (TRAIN)

AROUND

SUNDAY

6/16 Depart UA 215pm VIA GUAM TO HK arrive 6/17 1015pm

6/17 Monday

PANDA Hotel night 1

6/18 GB KYN TO CHIMNEI ONG OCEAN KINGDOM VIA BUS
DAVID LAI LUNCH - LUNA GUIDE NIGHT 2 PANDA BRIDGE

6/19 wed. Breakfast A.N. LUNCH SIMON/KYN. DINNER TSINGYI

6/20 Thurs. 1015am TAoyuan STATION MOUNTAIN TO KINDNESS
CI TO TAIPEI. LINE TAIWAN HOTEL

6/21 Friday BAO AND MAZU Temples. TRAIN TO KAOSHUNG STA.
LUNCH - TRAIN TO SOUTH AND ACROSS TO PACIFIC
TAITUNG - KINDNESS HOTEL



BALAZS/GEORGE HARVE

CI602 Y 20JUN 0120

FM HONG KONG/HKG
TO TAIPEI/TPE

座位 Seat 登機順序 Boarding Seq.

11C ZONE2

RDYKD3

ETKT297369143772301

1101291100300/01

GLOBAL EXCHANGE HONG KONG LIMITED
Unit 2013-2014, Level 20, Tower I, Metroplaza,
223 Hing Fong Road, Kwai Fong, New Territories, Hong Kong.

GLOBAL EXCHANGE HONG KONG LIMITED
香港新界葵芳興芳路223號新都會廣場1期20樓2013-2014室

Branch No. - 辦公室號碼: 5T100A & 5T100B

Transaction No. - 收據: HKG12801954692

Date/Time - 日期: 06/17/2019 21:58:01

Serial No.

Employee

Signature

CUSTOMER OFFERS	CURRENCY	AMOUNT	NET EXCHANGE R.
客戶支出	貨幣	數量	兌換匯率
Banknote	USD USA Dollar	300.00	7.32

TOTAL - 總金額: 2,196.03 HKD

Panda Hotel (悅來酒店)

Address: 3 Tsuen Wah Street, Tsuen Wan, Hong Kong, Hong Kong

荃灣荃華街3號, 荃灣區, 香港新界

Phone: +852 2409 3285

GPS Coordinates: N 022° 22.155, E 114° 7.267

3072111591

Date	Description	Reference	Debit HKD	Credit H.
17-06-19	Room Charge *		747.00	
17-06-19	10% Service Charge		74.70	
18-06-19	Room Charge *		702.00	
18-06-19	10% Service Charge		70.20	
19-06-19	Shuttle Service 546466/mmm	approx. \$301 HK\$ 2,366.10	150.00	
19-06-19	Room Charge *		702.00	
19-06-19	10% Service Charge		70.20	
20-06-19	Visa Card			2,516.



6/18/19

黎耀南
David Lai

长隆海洋科学乐园助理总经理
Assistant General Manager
Chimelong Marine Science Park

CHIMELONG MARINE SCIENCE PARK

长隆海洋科学乐园

CHIMELONG MARINE SCIENCE PARK

手机/Mobile: 13570686240

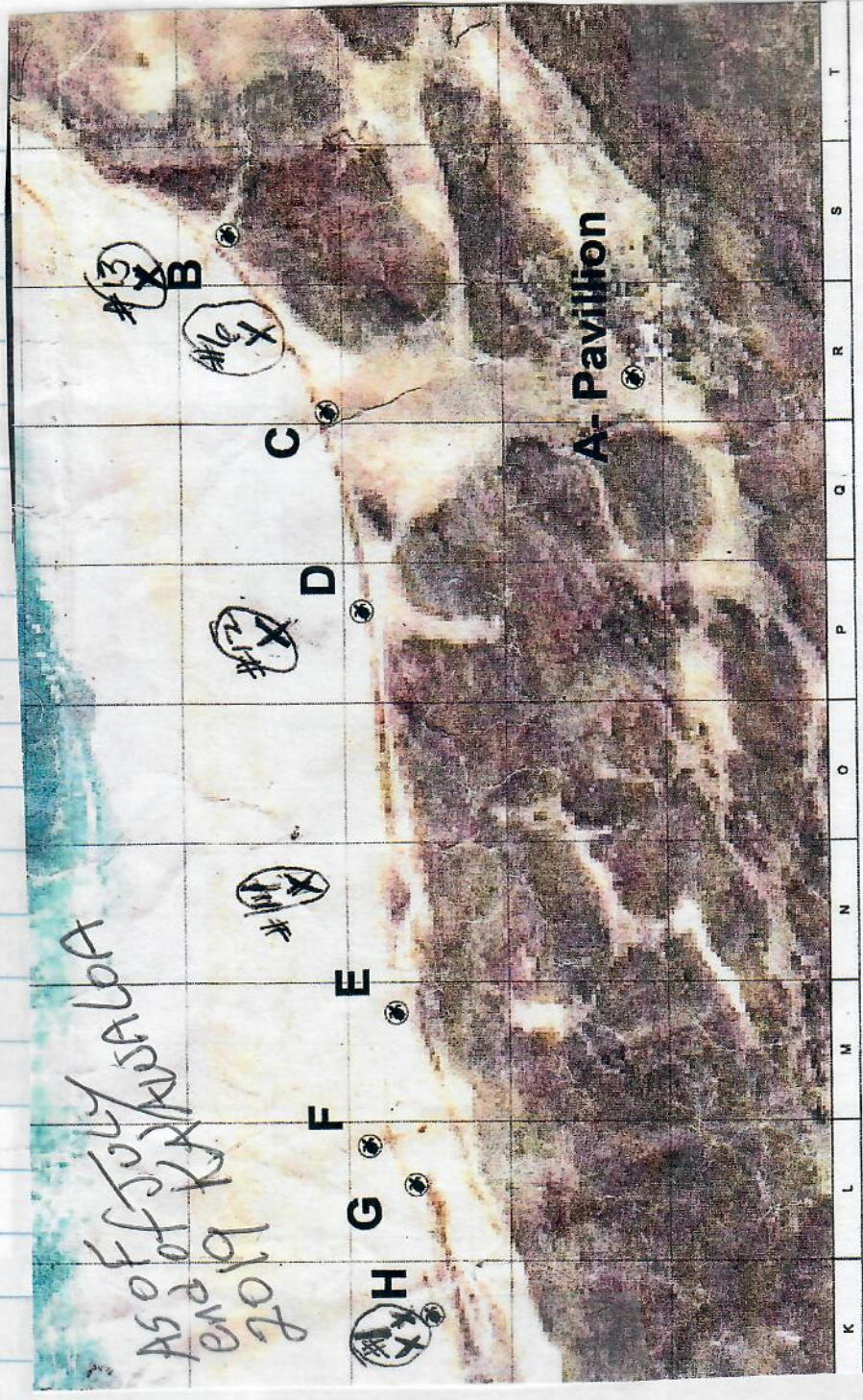
地址/Add: 广东珠海横琴富祥湾 Fuxiang Bay, Hengqin, Zhuhai, Guangdong

网址/Web: www.chimelong.com 邮政编码/Post Code: 519031

电话/Tel: 0756-8688888-23345 E-mail: David.lai@chimelong.com

INFORMATION INVOICE

Arrive	17-06-19
Depart	20-06-19
Room No.	2751
Cashier	324 FOCYNTHIAL
Invoice No.	1527137
Page No.	1 of 1
Date	20-06-19



Nests #2 and #8 washed out

Kindness Hotel - Tainan Chihkan Tower (康橋商旅- 台南赤崁樓館)

Address: No. 97, Section 2, Minquan Road, West Central District, Tainan, 700, Taiwan

民權路二段97號, 中西區, 台南

Phone: +886 6 225 3377

GPS Coordinates: N 022° 59.673, E 120° 12.274

6/20/19

Kindness Hotel Taitung Branch

康橋大飯店台東館

6/21

No. 16, Lane 209, Section 1, Zhongxing Road, Taitung

中興路一段209巷16號 (台東市, 95050)

Phone: +886 8 922 9226

臺灣鐵路局
2019.06.20 129次
全票 自強
T.C.LTD EXP

桃園
TAOYUAN

14:30開
DEPARTURE

6車48號
CAR.6 SEAT.48

臺南
TAINAN

18:06到
ARRIVAL

NT\$671

限當日當次車有效
刷[4036]
N90078307603807
1080-1147-0620 13:39

臺灣鐵路局
2019.06.21
全票 區間
LOCAL

臺南
TAINAN

新左營
XINZUOYING

14:12開
DEPARTURE

2車8號
CAR.2 SEAT.8

臺東
TAITUNG

17:22到
ARRIVAL

NT\$56

限當日有效
刷[4036]
A90023353475094
4220-1269-0621 12:07

臺灣鐵路局
2019.06.21 313次
全票 自強
T.C.LTD EXP

新左營
XINZUOYING

臺東
TAITUNG

14:12開
DEPARTURE

2車8號
CAR.2 SEAT.8

17:22到
ARRIVAL

NT\$381

限當日當次車有效
刷[4036]
N90079532118243
4220-1269-0621 12:07

臺灣鐵路局
2019.06.22 441次
全票 自強(太魯閣)
T.C.LTD EXP(TAROKO)

玉里
YULI

花蓮
HUALIEN

18:29開
DEPARTURE

3車31號
CAR.3 SEAT.31

19:17到
ARRIVAL

NT\$189

限當日當次車有效

N90081516614734
6110-1011-0622 17:32

臺灣鐵路局
2019.06.23 271次
全票 自強(普悠瑪)
T.C.LTD EXP(PUYUMA)

花蓮
HUALIEN

臺北
TAIPEI

10:26開
DEPARTURE

4車6號
CAR.4 SEAT.6

12:42到
ARRIVAL

NT\$440

限當日當次車有效
刷[4036]
N90081930894701
7000-1013-0622 22:40

C/S
7

107

2019 Mo'omomi Turtle Monitoring Map

Code	Landmark
A	Pavilion
B	East end
C	Pavilion entrance
D	First Path Down
E	Last path down
F	Dead naupaka
G	Dicks path down
H	Beach morning glory east
I	Aki grass
J	Morning glory west
K	Cerment block
L	Gravel hill
M	Fence post
N	River
O	Swale 1
P	Swale 2
Q	White cliff
R	Turtle industry
S	Kalehu



AS OFF
END 2019
DOY KA'AWA

Date: 20060310
 Created by: TNC
 File: Turtlemon.mxd



A- Pavilion

ICBC 中国工商银行

持卡人存根

DASY TOY

ZHU HAI CHANG LONG TON ZI FA ZHAN GO
NG SI HAI YANG
200279910003

38170763

057

CSN: 02

537802*****1788 C

MASTER

06/22

20190618 18:15 06417W

TRACE No.: D00004

SALE

FOREIGN TRACE: 916910454818

TOTAL RMB 45.00

AMOUNT: RMB

TIPS:

TC: 107707BFD8BE7195

持卡人簽字(CARDHOLDER SIGNATURE) 备注(REFERRAL)

想更省錢? 工積分幫到您! 詳見本簽單背面
持卡人已接收這單金額的有關商品及/或服務, 并願意遵守與有關銀行

TAOYUAN TO TAINAN X2



中國信託銀行
CTBC BANK

臺灣鐵路管理局
桃園站

信用卡 卡別: VISA

商店代號: 8221400200017

端末機編號: 31399522

卡號: 438857*****4036(C)

日期時間: 2019/06/20 13:39:42

調閱編號: 004754 批次號碼: 000229

授權碼: 08252C 交易類別: SALE

序號: 00000005267

櫃號:

金額 AMOUNT: NTS\$1,342

*** 客戶收據 ***

I AGREE ACCORDING TO THE TOTAL AMOUNT IN AGREEMENT

6/20/19
TAINAN

財團聯合信用卡處理中心
National Credit Card Center

康正旅館股份有限公司
台南民權分公司

商店代號
端末機代號

6208103489
63812942

城市別(City)
TAINAN CITY

卡別(Card Type)
VISA

檢查碼(Check No.)
99148

卡號(Card No.)
438857*****4036(C)

主機別/交易類別(Host/Trans. Type)
NCCC 00 一般交易 SALE

批次號碼(Batch No.)
293 授權碼(Auth Code)
09736C

日期/時間(Date/Time)
2019/06/20 18:33

序號(Ref. No.)
91294293049 調閱編號(Inq. No.)
000049

轉換費率(Currency Conversion Fee)
4%

Currency Conversion Fee on the exchange rate
over a wholesale rate.)

服務費(Commission Fee)
NO COMMISSION

Please Select
Transaction currency as below

1. [] USD 125.80

Foreign Exchange Rate 0.0336 USD/NTD

2. [X] NTD 3,744

小費(Tips): NTD
總計(Total): NTD

I have been offered a choice of currencies and agree to pay in the selected Transaction Currency. Dynamic Currency Conversion (DCC) is offered by the Merchant. Notwithstanding that the transaction currency in the SMS from your card issuing bank for authorization may be in US Dollar as recommended by the card schemes, the payment will be settled in your selected transaction currency.

I AGREE ACCORDING

TO THE TOTAL AMOUNT IN AGREEMENT

STARBUCKS
TAOYUAN

台新銀行

第一桃園火車站商場(星巴克)

代號 000812000808431
機代號 64856229

卡號
438857*****4036 C

卡別(CARD TYPE)
VISA
授權碼(AUTH. CODE)
09803C

時間(DATE/TIME)
9/06/20 13:53:26

檢號(TRACE NO.)
3554 檢查碼(CHECK NO.)
4102

REF. NO. 917105004293

TAMT. NTS\$ 590

6/20/19
GE BALAZS KNOWLEDGE SATISFACTORY
IPT OF RELATIVE GOODS/SERVICES.
入存根(CARDHOLDER COPY).

一桐車行
089-324-282
SS HOTEL 大飯店
東館
ness-hotel.com.tw/
otel@msa.hinet.net
g Rd., Tainan City, Taiwan, R.O.C.
9巷16號(近傳廣路口)
5 FAX: (089)227-200
業: 0800-010-999
· 優雅精緻

KONA TAHITI

109

Transaction Date	Posting Date	Description	Amount
Jul 05	Jul 05	ARC Payment Received Thank You	\$316.47
Payments			
Total payments for this period			-\$316.47

#636133 Check #100
 JULY 2019 PAB KHB 7/21/19

Purchase Activity for GEORGE BALAZS card ending 1788

Jun 24	Jun 25	HAWAIIAN 17321746860703 WEB SALES HI BALAZS/GEORGE 07/04/2019 HNL KOA HNL Agency: HAWAIIAN AIRLIN #17321746860703	\$128.18
Jul 02	Jul 04	HAWAIIAN 17321748271914 TKT BY MAIL HI BALAZS/GEORGE 07/04/2019 HNL KOA HNL Agency: HAWAIIAN AIRLIN #17321748271914	\$66.17
Jul 05	Jul 08	FANTASTIC SAMS HAWAII HONOLULU HI	\$28.80
Jul 10	Jul 12	TE VAA TERE PAPEETE PYF 2,200 XPF converted at 105.87102%	\$20.78
Jul 11	Jul 14	AGRITECH SARL PAPEETE PYF 3,853 XPF converted at 105.88073%	\$36.39
Jul 13	Jul 16	TPM PAPEETE A7PAPEETE FRA 25,000 XPF converted at 106.14359%	\$235.53
Jul 14	Jul 16	MC DONALDS PAPE PAPEETE PY 690 XPF converted at 106.15384%	\$6.50
Jul 14	Jul 16	MC DONALDS PAPE PAPEETE PY 820 XPF converted at 106.08020%	\$7.73
Jul 13	Jul 16	TE VAA TERE PAPEETE PYF 1,650 XPF converted at 106.17760%	\$15.54
Jul 15	Jul 17	AREMITI FERRY PAPEETE PYF 1,900 XPF converted at 106.26398%	\$17.88
Jul 15	Jul 17	TAMNOUN PAPEETE PYF 895 XPF converted at 106.29453%	\$8.42
Jul 15	Jul 17	OPT FARE TONY PAPEETE PYF 2,392 XPF converted at 106.21669%	\$22.52
Jul 16	Jul 18	HUUTI DIANA PUNAAUIA PYF 1,990 XPF converted at 106.18996%	\$18.74
Jul 16	Jul 18	HAPPY TAHITI PAPEETE PYF 1,990 XPF converted at 106.18996%	\$18.74
Jul 16	Jul 19	NEWREST ATRIUM PAPEETE PY 470 XPF converted at 106.57596%	\$4.41
Total purchase activity for this period			\$636.33

To see activity after this statement period, visit HawaiianBOHcard.com

101

MAUI-SHAOWEI LIU
6/27/2019
Thursday

龟息

气功最高级呼吸

Qi Gong

Taiji Quan

KAHULUI PP - no turtles seen.
MAUI Ocean Center; Waialeale Maniotti turtles; Hookipa
photos 6-8
Turtles

Nesting Reports
by HAWAIIAN
Bernard in
Sand area

HAWAIIAN AIRLINES

Passenger: BALAZS/GEORGI
Flight: HA 146 L
Departure: 7:22A
Arrival: 8:02A
City #: HA 115219970

Gate: A20
Seat: 19B
Zone: 3

NAME OF PASSENGER

LAZS/GEORGE
115219970

FROM
TO KAHULUI MAUI
IONOLULU

HAWAIIAN AIRLINES

CARRIER FLIGHT CLASS DATE TIME
HA 385 Y 27JUN602P

GATE BOARDING TIME SEAT SMOKE
21 522P 4B^{NO}

ZONE 2

ELECTRONIC
4AF / OGG

KONA JULY 4TH 30TH TID

(111)

2019

AZS/GEORGE

148 L

9A

6A

HA115219970

A14

7D

3

BALAZS/GEI

HA 307 L

3:20P

4:07P

HA115219970

GATE: 9

SEAT: 10D

Zone: 3

KEALA
KODAKA

Threatened sea turtles lay eggs in record droves

3 SAVANNAH, GA. >> Rare sea turtles are smashing nesting records this summer on beaches in the Southeast, with scientists crediting the egg-laying boom to conservation measures that began more than 30 years ago.

Giant loggerhead sea turtles weighing up to 300 pounds crawl ashore to dig nests in the sand every summer

7/14/2019

along the southern Atlantic coast.

So far this year, researchers and volunteers in Georgia, South Carolina and North Carolina have cataloged more than 12,200 nests left by loggerheads, a threatened species protected under the Endangered Species Act. That's already far ahead of the 11,321 nests in the previous highest count three years ago.

IPRC
PACIFIC RESEARCH CENTER

ニコライ マキシムコ

Pacific Ocean Science

East West Road

University of Hawaii

Honolulu, HI 96822

Fax: 1-808-955-0425

E-mail: maximko@hawaii.edu

URL: http://www.hawaii.edu/iprc/

1964-2019

1965-2020

TAHITI 9-17 JULY
TUES. Wed.

7/15 HEIVA - SATURDAY
Sunday night / Sunday morning - MASS + Bastille Day
7/16 URANUI Cemetery Monday - ARAMEI 4PM to Moorea 5 PM Return

Lessons and all supporting materials FREE at:

oikonos.org/education
cordellbank.noaa.gov/education
papahanaumokuakea.gov/education

7/25/19

Questions? WingedAmbassadors@oikonos.org

+ link to
Need
part of



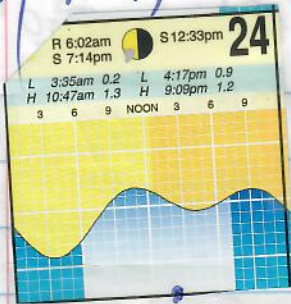
Dr. Nikolai Maximenko
Senior Researcher

University of Hawai'i at Mānoa
School of Ocean and Earth
Science and Technology // IPRC
1680 East-West Road
POST Bldg., Room 406F
Honolulu, HI 96822

Phone: (808) 956-2584
Fax: (808) 956-9425
<http://iprc.soest.hawaii.edu/~nikolai>
maximenk@hawaii.edu

* 73960 DEBRIS PELAGIC DEBRIS
HAS COASTAL SPECIES

JULY 24, 2019



1-3:15pm

(113)

ance, Keith, SB & GB
upper bridge to twin culverts

SP Allow
Drift

See
photo



NUUPIA

~~CMDR APJ PLASTIC DEBRIS Workshop~~
~~OCEANIC Institute~~

7/25/2019 Hawaii Marine Debris
Thursday Research Workshop

A DAY OF
EXCHANGE
AND DISCUSSION

Notes - Give Results first, Chemistry important

NAME
PLATES

CARL BERG - cberg@ixio.com Surtvick Foundation

? MARK MANUEL - mark.manuel@oasa.gov

Am Samoa project ASU

snacks Lunett
NO PLASTICS - Silverman

Working Group vs Workshop PLATES

DON KOBAYASHI - Muroto Point Hawaii paper sent

Link of 18 papers.

KAWA'ALOA

RICE BALAZS

SAT.

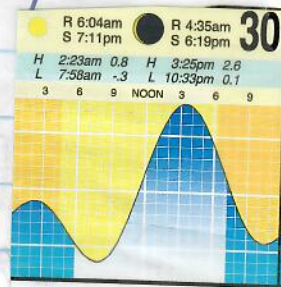
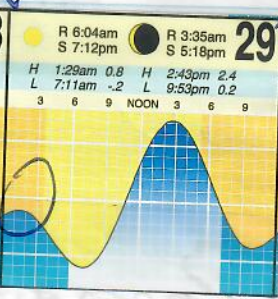
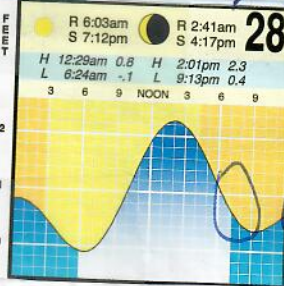
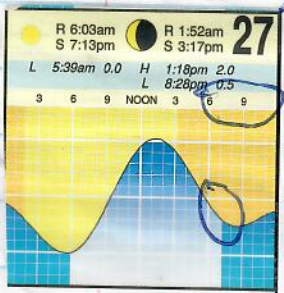
KAWA'ALOA MONITOR

SUN. KAWA'ALOA MONITOR

MONDAY

NO nesting

TUES.



7/27 - 7/29/19 MAKANI KAI

SUNRISE - 6:03 AM

SUNSET - 7:13 PM

MOONRISE - 3:35 AM

MOONSET - 2:41 AM

NO nesting

Beach MAP See 0107

MOONRISE - 1:52 AM

STAYED TWO NIGHTS MOLOKAI SHORES 308 \$100 cleaning \$50. open door \$30. Key Replac

6 HATCHLING (2 GB / 4 MR) ON NIGHT 2.

7-31-2019 Wednesday N. SHORE ANAHULU JOANNE PettiGrew

Void if Rem 8/8/2019 2019 CCL Discover A

115

4 - 11 AUGUST 2019
Sunday Sunday GAB Flew TO CHARLESTON VA
CARNIVAL SUNSHINE w/ GCB, Rhy, JAZZ,
STEPANI - HALF MOON Cay - NASSAU -> Charleston
Visit ATLANTIS AQUARIUM.



Thursday
8-15-2019

SLP pm 1 hour -

Group photo

SAW Shi, Fy, fiancee Nichelle + Asian Normal man.

8-16 Telecon Senator Gil R. No Shore.

Crying For The Mountain

History repeats itself again
and again we do nothing
but obey
we do nothing but mumble
"well, this is what the law has to say"
we do nothing but look
the other way
we do nothing but pay
for the handcuffs
for the squad cars
and the weapons they use
we do nothing but drown
in the same old apathy
in the same old booze
while generations of Hawaiians
are crying for the mountain
singing the blues
paying their dues
for living on this earth
while we sit at our laptops
checking our stocks
calculating it's worth
as if it can be measured
in gold
here we are
believing what we're told
buying all we're sold
growing old in ignorance and fear
and we're so disconnected
we couldn't shed one single tear
for the earth or for them
if we wanted to
and we act like we don't know them
but we funded the coup
and we ate the pineapples that they grew
and we bought the bombs
that long blew up over Kahoolawe
and here we are
still not listening to a word they say
here we are
still trying to tell them what to do
saying, "we know better than you,
so this is what we're going to do

with your land"
and as the flames of ignorance
are fanned once again
will you believe the documents
an illegal government holds
written by white thieves with a pen
or will you believe the Hawaiians,
the kupuna
and the keiki
and the women
and the men
the ones who have poured sweat
and blood and tears into this land
ever since they navigated
using only the stars
to get here
but they saw far more clearly
than we could ever dream to see
with a profit-driven
18-story monstrosity of a telescope
that they hope to build
on sacred land,
that they hope will enable them to stand
taller than the Russians
and the Chinese
in the militarized race
to colonize space
and extract enough resources
to appease the golden bull
that resides far away
on another stolen island
desecrated in the name of progress
but it's bound to happen, right?
Unless...
unless we listen
to to the men and women
the elders and youth
who risk their lives
to speak the truth...

The Molo KAI 7/24
DISPATCH Jayson Mizula
2019

To: John Morgan (Kualoa Molii) <johnmorgan@kualoa.com>
Subject: Honu Burial- Some discussion points for Tuesday July 2nd at 1pm

Aloha John- Here are some thoughts to give background and framework to our meeting this Tuesday at 1pm.

-NOAA Hawaii handles up to 150 sea turtle carcasses annually in various states of decomposition. A rough average weight for each turtle would be 50 lbs (total ~7,500 lbs a year). Most get necropsied, hence the belly plate is opened up to examine/collect samples from internal organs. Currently (and for decades when I was program leader) the carcasses are taken to the landfill (the old Kailua Dump and Waimanalo Gulch). This practice has been criticized in the past receiving negative news coverage. But aside from bad publicity dumping them at the landfill is culturally, socially and environmentally 'bad business'. I want to be a go-between agent to effect change. That's the reason for our meeting.

- In addition to the above, 20-30 live turtles hopeless for treatment (boat strikes severe tumors etc) are humanely chemically euthanized annually. The chemical remains in the body and is a hazard if consumed by other animals. The bodies of these animals need to be cremated. Presently that's not being done except in rare cases. Instead they are also taken to the landfill and (presumably) legally deposited/buried there. Euthanized turtles would not be a part of any proposal to bury on your property.

-In recent months- as the result of constructive lobbying I did- the routine use of plastic bags by NOAA Hawaii to store turtle carcass remains for transport to/disposal in the landfill has ceased. Instead, recycled burlap bags are being utilized. Turtle carcasses buried on your property would not be contained in plastic bags as the main storage means. Perhaps a minority of turtles/necropsied organs could be in plastic bags, but the bags would need to be certified compostable within reasonable periods of time-- some of the products out there are 'compostable within 50-100 years'. Not acceptable in my view. My thought is that your property should not become another landfill/dump, but rather a respectful and environmentally friendly last resting place for deceased honu. A phrase that fits this is "A Honu Resting Place".

- Freezer space at NOAA Hawaii likely makes it doable for turtles to be stored on-site for 6-8 weeks before disposal/transport and burial are needed.

-How all of the above may be acceptable and workable from your perspective is what we will be meeting about. Given 34 years on the job at NOAA I'm pretty sure I can answer your questions. And if I can't I will get answers in short order.

Looking Forward-- and Thank you in advance for agreeing to discuss. I'm very appreciative.

Best Regards, George

Met w/ both
7/7/19

1:30-2:15 PM Tuesday

7/1/19 FHB

check #121 (125) 1547.35

ACCOUNT ACTIVITY

VISA Explorer

Date of Transaction Merchant Name or Transaction Description \$ Amount

MAY 2019

PAYMENTS AND OTHER CREDITS

06/02 Payment ThankYou Image Check -762.20
06/02 Payment ThankYou Image Check -1,357.60

PURCHASE

05/26 YANTAIYURENMATOUTOUZIYOUX SHANDONGSHENG 173.80
05/27 YUAN RENMINBI 1,200.00 X 0.144833333 (EXCHG RATE)
05/26 YANTAIYURENMATOUTOUZIYOUX SHANDONGSHENG 43.45
05/27 YUAN RENMINBI 300.00 X 0.144833333 (EXCHG RATE)
05/29 UNITED 0161510806082 800-932-2732 TX 14.97
05/29 CHINAAIRLINE0297241100300 CALIFORNIA CA 687.73
062319 1 R TPE HNL
2 X HNL XXX

PAYMENTS AND OTHER CREDITS

7/04 Payment ThankYou Image Check -1,547.35
05/31/07 MYLIFE.COM 888-704-1900 888-704-1900 CA -26.85 5.60

PURCHASE

06/20 KANG JENG 03489 TAINAN CITY 120.76 25.00
05/22 06/22 NEW TAIWAN DOLLAR 3,744.00 X 0.032254273 (EXCHG RATE) 174.75
05/22 06/23 KANG JENG 08298 TAITUNG 141.08 37.55
06/06/21 06/23 NEW TAIWAN DOLLAR 4,374.00 X 0.032254229 (EXCHG RATE)
06/06/22 06/24 TAIWAN RAILWAY ADMINISTRA HUALEN 28.38 43.34
06/24 NEW TAIWAN DOLLAR 880.00 X 0.032250000 (EXCHG RATE)
06/06/21 06/24 TAIWAN RAILWAY ADMINISTRA TAINAN 28.19 19.05
06/24 NEW TAIWAN DOLLAR 874.00 X 0.032254004 (EXCHG RATE)
06/06/22 06/24 KANG JENG 10679 HUALIEN 112.25 122.11
06/24 NEW TAIWAN DOLLAR 3,480.00 X 0.032255747 (EXCHG RATE)
06/29 USPS PO 1424110017 HONOLULU HI 33.60
06/29 IN *BLUE SALAMANDER SOLUT 803-2703762 SC 256.25
07/06 MYLIFE.COM 888-704-1900 888-704-1900 CA 26.85
07/09 MARRIOTT NORTH CHARLES NORTH CHARLES S 134.42
07/12 OPT FARE TONY 4413523 A7PAPEETE 19.72
07/16 CFP FRANC 2,085 X 0.009458033 (EXCHG RATE)
07/16 HTL TIARE TAHITI3241549 A7PAPEETE 767.78
07/18 CFP FRANC
81,550 X 0.009414837 (EXCHG RATE)

Handwritten notes: 8/1/19, \$1612.43, July 2019, VISA EXPLORER

Handwritten note: FHB check #121

Payments

PAID #316,477 FHB Check # 120 7/1/2019

Jun 13	Jun 14	ARC Payment Received	Thank You	N/A	-\$97.65
Total payments for this period				N/A	-\$97.69

Other Credits

MAY/JUNE 2019 HAWAIIAN MASTER CARD

Jun 12	Jun 13	CVS/PHARMACY #07272	LUBBOCK TX	-11	-\$11.34
Total other credits for this period				-11	-\$11.34

Purchase Activity for GEORGE BALAZS card ending 1788

May 25	May 27	YISHIYA	PENGLAISHAND	35	\$17.26
		119.00 CNY converted at 6.89455%			
May 27	May 28	BEI JING KONG GANG MIN	BEIJING CHN	55	\$55.03
		379.00 CNY converted at 6.88715%			
Jun 05	Jun 07	HAWAIIAN 17321743668935 E AWARDS	HI	168	\$56.13
		BALAZS/GEORGE 07/09/2019 HNL PPT HNL Agency: HAWAIIAN AIRLIN #17321743668935			
Jun 11	Jun 13	HAWAIIAN 17321744681091 WEB SALES	HI	322	\$107.17
		BALAZS/GEORGE 06/27/2019 HNL OGG HNL Agency: HAWAIIAN AIRLIN #17321744681091			
Jun 18	Jun 19	ZHU HAI CHANG LONG TOU	ZHUHAI CHN	7	\$6.52
		45.00 CNY converted at 6.90184%			

Purchase Activity for GEORGE BALAZS card ending 1788 587 \$242.11

Purchase Activity for LINDA R BALAZS card ending 6323

Jun 11	Jun 12	CVS/PHARMACY #07272	LUBBOCK TX	20	\$19.78
Jun 11	Jun 13	RED ZONE CAFE	LUBBOCK TX	112	\$55.93
Jun 12	Jun 13	CVS/PHARMACY #07272	LUBBOCK TX	10	\$9.99
Purchase Activity for LINDA R BALAZS card ending 6323				142	\$85.70
Total purchase activity for this period				729	\$327.81

Dr. Paul James Struhsaker passed away 25 July 2018

Dr. Paul James Struhsaker was born in Lansing, Michigan on 16 July 1935. He received his Bachelor of Science (1958) in zoology, fisheries and wildlife management, and geology from Michigan State University, and his Master's (1967) and Doctorate (1973) degrees in marine zoology and oceanography from the University of Hawaii, Honolulu. As a marine fishery biologist and ichthyologist, he participated in fisheries investigations in the western North Atlantic, Gulf of Mexico, western Caribbean, Alaska, US west coast, and the Hawaiian Islands. He worked at the National Marine Fisheries Service, Southeast Fisheries Center (1957, 1959-1965, 1981-82) and at the Honolulu Laboratory (1969-1977). He was associated with the Seattle, Juneau, and Woods Hole Laboratories for brief periods, sometimes serving as a biological observer on commercial fishing vessels (1989-1991), and was a research associate at the Bernice P. Bishop Museum, Hawaii.

Dr. Struhsaker published and co-published numerous articles on stingrays and sharks (e.g., "Megamouth: A new Species, Genus, and Family of Lamnoid Shark (*Megachasma pelagios*, Family Megachasmidae) from the Hawaiian Islands." 1983, Proc. Calif. Acad. Sci.), ecology and systematics of marine fishes (e.g., deep-sea anglerfishes), the biology and management of marine fisheries through bottom trawl surveys and assessments, and the construction and use of commercial fishing and survey gear. While in Honolulu he initiated and supervised the first studies of aging tropical marine fishes through daily growth rings of sagittal otoliths. Three fish species have been named after him.

He is survived by his wife Rejeanne Courcelles, sister Anne Larsen, and brothers Tom and Jim Struhsaker.

Aloha e George and Thierry, I would be delighted to join your hui of readers and will look forward to the next circulations! Do you need a short bio statement from me, as per the formal description and purpose? In case of use, here's one I did for a talk a few months back.

Alexander Mawyer is Associate Professor at the Center for Pacific Islands Studies, Editor of *The Contemporary Pacific: A Journal of Island Affairs*, and Co-Director of the University of Hawai'i's Biocultural Initiative of the Pacific. He has conducted fieldwork with the Mangarevan community in the Gambier and Society Islands of French Polynesia and with Chuukese and Mortlock communities in the Federated States of Micronesia. His work has focused on language at the intersection of culture, nature, and history, orientation and spatial cognition, the semantics of natural kinds, Tahitian practices of resource governance, and the chiasmus of conservation and sovereignty.

Navy seeks reporting on UFOs

By William Cole
wcole@staradvertiser.com

4/26/2019

If the truth is out there, the Navy apparently wants to know.

A "number of reports of unauthorized and/or unidentified aircraft entering various military-controlled ranges and designated air space" in recent years has prompted the service to update and formalize the process to report suspected incursions.

Can you say UFOs?

A Navy statement on the effort doesn't mention "unidentified flying objects," or what are now called "unexplained aerial phenomena." But Politico, which first reported the new measure, said the previously unannounced

move comes in response to a string of incidents involving unidentified highly advanced aircraft being spotted by Navy strike groups and near sensitive facilities.

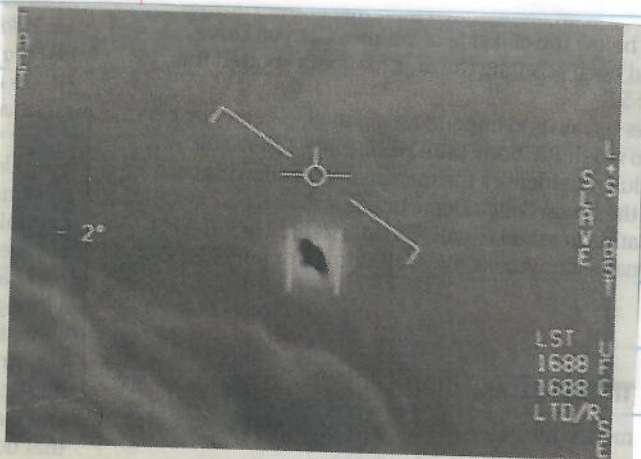
A 2004 case in which Navy F/A-18 Super Hornet pilots took video and expressed shock at odd-looking and acting aircraft off the coast of San Diego is one of the better known.

"For safety and security concerns, the Navy and the (Air Force) take these reports very seriously and investigate each and every report," Joseph Gradisher, a spokesman for the deputy chief of naval operations for information warfare, said in the statement describing the new reporting effort.

A message to the fleet will detail the steps for reporting each incident, Gradisher said. In response to requests for information from congressional members and staff, "Navy officials have provided a series of briefings by senior Naval intelligence officials as well as aviators who reported hazards to aviation safety," he said.

The step is just one in a long line of government examinations of unexplained aerial phenomena, which include support in one case from former U.S. Sen. Daniel Inouye of Hawaii, who died in late 2012.

Politico and The New York Times in 2017 revealed the decadelong existence of the Advanced Aerospace Threat



COURTESY DEFENSE DEPARTMENT

Navy pilots encountered an odd-shaped and odd-flying aircraft off San Diego in 2004.

Identification Program, which was pushed by U.S. Sen. Harry Reid, a Nevada Democrat, with the help of Inouye, also a Democrat, and U.S. Sen. Ted Stevens, an Alaska Republican.

The program investigated reports of UFOs, the Times said, but this past January it was revealed the effort had a broader scope.

Please see UFO, B5

Defense contractor Raytheon in 2017 took a little credit for the imagery, saying it was captured by its advanced targeting forward-looking infrared sensor mounted under one of the jets.

"We might be the system that caught the first evidence of E.T. out there," Aaron Macstas, a Raytheon chief engineer, said in a release. "But I'm not surprised we were able to see it. AIFLR is designed to operate on targets that are traveling in excess of Mach 1. It's a very agile optical system with a sensitive detector."

of extra dimensions. The Defense Department previously released 2004 cockpit footage from an F/A-18 Super Hornet from a case in which multiple pilots witnessed a strange oval aircraft at 25,000 feet that at one point rotated and seemed to defy normal flight physics.

One of the pilots from the aircraft carrier USS Nimitz remarked over radio that it was a drone.

But then a second pilot states, "There is a whole fleet of them." At one point, a pilot states "Look at that thing. It's rotating!"

UFO

Continued from B1

The Defense Intelligence Agency said in congressional correspondence released through the federal Freedom of Information Act that the purpose of the program was to "investigate foreign advanced aerospace weapons threats."

Studies looked at futuristic technologies such as invisibility cloaking, traversable wormholes, warp drive, dark energy and the manipulation

Rarely seen shark

3/17/19 HSA

129

If verified, it would be only the second time a cookiecutter shark has bitten a human

**By Tyne Phillips
and Christie Wilson**

tphillips@staradvertiser.com
cwilson@staradvertiser.com

An unusual deep-water shark took a bite out of a 58-year-old Pennsylvania man who was attempting to swim across the Kaiwi Channel between Molokai and Oahu early Saturday morning.

If verified, it would be only the second documented incident in which a human was attacked by the small, cigar-shaped cookiecutter shark, named for the perfectly round wound it leaves on its prey — and it happened 10 years ago to the day of the first one, which involved a Maui swimmer crossing the Ale-nuihaha Channel between

Hawaii island and Maui.

Eric Schall, the swimmer involved in Saturday's incident, took off from Molokai's west shore around 6:30 p.m. Friday with another swimmer and escorts to begin their 27-mile channel crossing, according to retired Honolulu lifeguard Bill Goding.

Goding, a member of the Hawaii Swimming Hall of Fame who has completed 20 channel crossings throughout the islands, had been advising the mainland

attacks swimmer

swimmers and their team in preparation for their channel attempt.

The second swimmer, Steven Gruenwald of Minnesota, became ill and had to abandon the effort early on, Goding said. About nine hours into the roughly 16-hour swim, Schall was forced to quit when a cookiecutter shark latched onto his stomach area about 2 inches below his naval.

The wounded swimmer was brought on board the escort boat and the Honolulu

Fire Department was notified at 3:42 a.m. Firefighters and Emergency Medical Services ambulance met the vessel at the Maunalua Bay boat ramp in Hawaii Kai, according to Capt. Scot Seguirant.

Schall was in serious but stable condition when he was transported by ambulance to The Queen's Medical Center, according to an EMS report.

Schall and Gruenwald are

Please see SHARK, B4

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SHARK

Continued from B1

members of a group known as Great Lakes Open Water Adventures, or GLOW Adventures, according to co-founder Madhu Nagaraja. The members come from different states and are experienced long-distance swimmers, Nagaraja said.

Schall, who has completed 13 marathon swims, is expected to make a full recovery, Nagaraja said.

Gruenwald declined to comment Saturday, saying the group was still working through the "emotional" experience.

The rarely seen cookiecutter shark, which grows to a maximum length of only 16.5 to 22 inches, is known as a nuisance to fishermen but is not considered a threat to humans due to its small size and deep-water habits, according to the International Shark Attack File. The sharks linger in the



COURTESY MIKE SPALDING

In 2009, a cookiecutter shark left a 2.5-inch divot in Mike Spalding's left calf as the Maui real estate broker was swimming the Alenuihaha Channel from Hawaii island to Maui. The same species was involved in Saturday's attack.

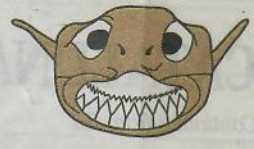
COOKIECUTTER SHARK

A swimmer attempting to cross the Kaiwi Channel between Molokai and Oahu was bitten by a cookiecutter shark Saturday. Cookiecutter sharks typically stay in deep water during the day, but migrate to surface waters to feed at night.

SIDE VIEW



FRONT VIEW



Scientific name:

Isistius brasiliensis

Size: Males grow to a maximum of 16.5 inches while females reach 22 inches.

Distinctive features: Small, cigar-shaped body with a short conical snout and unique suckorial lips.

Feeding method: Attaches itself to its prey with its sucking lips and sharp, pointy upper teeth. Once it is attached, the small shark spins its body, removing a cookie-shaped plug from the flesh of its prey with its larger serrated bottom teeth.

depths during the day, swimming to the surface at night to feed on larger fishes such as marlin, wahoo, dolphin, tuna, sharks, stingrays and even marine mammals.

Its underside glows, attracting larger fish in search of a meal. When the larger fish moves in for a bite, it's the cookiecutter shark that attacks, attaching to its prey with its sucking lips and sharp, pointy upper teeth, said the ISAF website. The small shark then spins its body, removing a cookie-shaped plug of flesh with its large, serrated bottom teeth.

The ISAF website cites only one other known case of a cookiecutter shark attack. The victim in that instance was Mike Spalding of Kula, Maui, who was bitten under similar circumstances on March 16, 2009, while swimming in darkness from Hawaii island to Maui.

Spalding, 71, said he was 10 miles out from Hawaii island at around 8:15 p.m. when he became surrounded by squid, drawn to the surface by the light on his escort boat.

"I got bumped by four cuttlefish and I got really nervous that something else was going to bump me," he recalled Saturday. "I kept soldiering on then all of a sudden I felt the first prick in my



Source: Florida Museum of Natural History, Track.rs STAR-ADVERTISER

sternum," below his ribcage.

"It was a sharp, piercing pain. I screamed like a baby when it hit me," said the real estate broker.

The bite didn't penetrate deep, leaving only teeth marks. But as Spalding was climbing onto a kayak escort, he was bitten again, this time on his left calf as it dangled in the water. The shark bite was characteristic of the species, comprising a clean "melon scoop" of skin and tissue about 2.5 inches in diameter and almost an inch deep, he said.

"At the time, nobody in the whole world considered cookiecutter sharks to be a threat," Spalding said.

News of Saturday's incident "surprised me a little bit because I thought that

maybe my attack was an event we were not going to see again."

It took four months for his wound to heal, due to infection, but Spalding returned to complete his 19-hour swim of the Alenuihaha Channel about 18 months later. He has crossed all the ocean channels in Hawaii and continues to swim daily.

According to the Kaiwi Channel Association, five relay teams and approximately 65 solo swimmers have successfully crossed the channel between Molokai and Oahu.

There was one previous shark attack in Hawaii this year. On Feb. 4, a surfer was injured on the left leg by a tiger shark at Hanalei Bay on Kauai.

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02/17 Taipei Teacher & Hotel Taipei City
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181

台灣 (Taiwan)
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Pahoa solution

As a result of the eruption that devastated lower Puna, there is now an extraordinary one-half-mile-long black sand beach about a mile from the intersection of Highways 132 and 137, just south of the lighthouse.

This is now the largest black sand beach in East Hawaii by orders of magnitude.

One minor problem: The highways are covered with lava.

The good news is that the road to the lighthouse from the intersection is fully intact, and the distance from clear road on Highway 132 is not far. If the county is serious that it does not want lower Puna to die, then all it has to do is bulldoze a track to this intersection from Highway 132, put a gate on it to keep the crazies out at night, and good times will roll.

Tourists will actually have a destination on the

But, I suppose the state must throw a million dollars at the usual suspects and study the situation for several years. Meanwhile, businesses in Pahoa that are taxed are dying, while the tax-free cash registers at the helicopter tourism franchises go KA-CHING straight to mainland banks.

And you call that governance? Hahaha!

John Powers

Payments

Feb 13	Feb 13	ARC Payment Received Thank You	-\$305.60
Total payments for this period			-\$305.60

Feb 2019 Hawaii

Purchase Activity for GEORGE BALAZS card ending 1788

Jan 24	Jan 27	HAWAIIAN 17321721073952 WEB SALES HI BALAZS/GEORGE 01/29/2019 HNL KOA HNL Agency: HAWAIIAN AIRLIN #17321721073952	\$158.37
Jan 31	Feb 01	INT*IN *BLUE SALAMANDE 803-2703762 SC	\$150.00
Feb 01	Feb 03	HAWAIIAN 17321722537814 WEB SALES HI BALAZS/GEORGE 02/25/2019 HNL ITO HNL Agency: HAWAIIAN AIRLIN #17321722537814	\$173.39
Feb 05	Feb 06	THE POST AND COURIER CHARLESTON SC	\$30.47
Feb 08	Feb 11	AMERICAN 0010280994318 CHARLESTON SC BALAZS/GEORGE 02/08/2019 EBC FEE Agency: CHARLESTON #0010280994318	\$30.00
Feb 15	Feb 17	YI XIN SHENG JI GU FEN Taipei City 900.00 TWD converted at 30.80082%	\$29.22
Feb 16	Feb 18	TAIWAN RAILWAY ADMINIS TAIPEI TWN 264.00 TWD converted at 30.80513%	\$8.57
Total purchase activity for this period			\$580.02

ACCOUNT ACTIVITY

Date of Transaction	Merchant Name or Transaction Desc	\$ Amount
PAYMENTS AND OTHER CREDITS		
02/13	Payment ThankYou Image Check	-1,488.93
02/13	UA-INFLIGHT PURCH CREDIT	-2.49
PURCHASE		
02/06	CHARLESTON CRAB HOUSE - M CHARLESTON SC	90.00
02/09	PANASONIC - AA LAKE FOREST CA	12.00
02/10	GOOGLE *LINE Corp g.co/helpay# CA	3.99
02/13	UA INFLT 0161502840887 HOUSTON TX	9.99
02/17	TaipeiTeacher s Hostel TaipeiCity 02/18 NEW TAIWAN DOLLAR 2,800.00 X 0.032435714 (EXCHG RATE)	90.82
02/18	JIN YU SHAN 00142 PENGHU 02/18 NEW TAIWAN DOLLAR 3,100.00 X 0.032432258 (EXCHG RATE)	100.54
02/19	PO MING PENGHU 02/20 NEW TAIWAN DOLLAR 1,500.00 X 0.032460000 (EXCHG RATE)	48.69
02/17	RI LI HOTEL Penghu County 02/21 NEW TAIWAN DOLLAR 7,200.00 X 0.032498611 (EXCHG RATE)	233.99

Feb 2019 VISA

HNL

CAR Rental

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Hi my dear George:

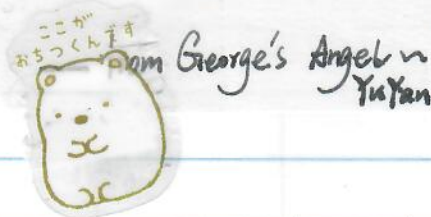
I hope this letter can success to reach your home. I hope you can see my letters with smiling. and hope my English grammar is ~~exte too~~ correct to make you understand. [See? I've even spelled wrong for twice haha....]

A well-known Chinese ~~pro~~ saying goes that "See your face from your handwriting", so I ~~chose~~ chose to write my words down and send to you.

☀️ Happy Chinese New Year, George ~ ♥️
😊 Wish you happiness and health every day ~ 🌸

And please see the post card attached which is coming from Xisha Islands. I can't send the post card to you from Xisha, so I took it back and gonna send it from Ximen.

Hope this paper can be attached on your note book 🏠



SPATIAL DI
FRIGATE SH

Alexandra S.
Summer L. M
Camryn D. A
Marylou K. S
Jan Willem S
T. Todd Jones

¹NOAA Fish
Honolulu, Ha

ABSTRACT:
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SPATIAL DISTRIBUTION OF GREEN SEA TURTLE (*CHELONIA MYDAS*) NESTS AT FRENCH FRIGATE SHOALS, HAWAII: IMPLICATIONS FOR CARRYING CAPACITY?

Alexandra S. Reininger¹

Summer L. Martin¹

Camryn D. Allen¹

Marylou K. Staman¹

Jan Willem Staman¹

T. Todd Jones¹

¹NOAA Fisheries, Pacific Islands Fisheries Science Center, 1845 Wasp Boulevard, Building 176, Honolulu, Hawaii 96818

ABSTRACT: :: The Hawaiian green sea turtle population (i.e., the Central North Pacific population) is functionally a closed population, meaning that turtles primarily breed, nest, and forage all within the Hawaiian archipelago. Ninety six percent of nesting occurs within a single low-lying, remote atoll - French Frigate Shoals (FFS). Annual nesting surveys are conducted on two islands within FFS, East and Tern Islands. Prior to October 2018, East Island had an area of 35,853 m², with sandy beach along the entire perimeter, allowing turtles to emerge from the water on any side of the island. Tern Island had an area of 105,276 m², and contained remnant manmade structures, which have created barriers confining turtles to three separate nesting beaches. Both islands have shifting sands, tidal inundation, vegetation, and nesting seabirds. A study based on nesting data from East Island (2005-2009) concluded that the beach could successfully support increased nesting activity, thereby suggesting that carrying capacity for the recovering population was more limited by coastal foraging habitat than nesting habitat. The analysis, however, assumed that turtle nests are randomly distributed over the entire area of East Island. In 2017, we collected GPS data on nest locations to test the hypothesis that nest distribution on both islands was random. Using the nearest neighbor spatial statistic tool in ArcGIS, we found that the nests laid on East and Tern Islands were significantly clustered [East Island nearest neighbor ratio: 0.617822 (z-score: -17.363461, p <<0.001); Tern Island nearest neighbor ratio: 0.304501 (z-score: -18.957266, p <<0.001)]. Using kernel density analysis methods, we found that 95% of nests on East Island were located within 35% of the total area, and 50% of the nests were located within 10% of the island area. On Tern Island, 95% of nests were located within 8% of the total island area, and 50% of nests were located within 2% of the island area. Our results demonstrate that nesting females use only a small portion of the available area of each island, with most nests occurring in barren spaces along the periphery of the islands. Research in other regions has shown that nest location directly impacts hatching success due to differences in environmental conditions (i.e., microbial activity, temperature, water inundation, or substrate salinity). A clustered nesting pattern may result in higher microbial activity within nests and an increased probability of turtles digging up other nests, directly decreasing hatching success. The previous study estimated that the nesting population at FFS was far below carrying capacity, but our finding of clustered nest distributions combined with the increasing trend in the number of nesting females per year, suggests that the nesting beaches at FFS may soon reach carrying-capacity. We plan to revisit the models used to calculate nesting beach carrying capacity to incorporate a clustered distribution pattern, and further examine relationships between environmental factors and nest locations.

Residing in the most geographically isolated island chain on the planet, the Hawaiian green sea turtle population was recently designated as a Distinct Population Segment (DPS) under the U.S. Endangered Species Act. One of 11 global DPSs, the Central North Pacific population offers unique research opportunities as a "closed" population, with almost no movement of individuals into or out of the region. For 45 years, the population's primary nesting habitat on the islets of French Frigate Shoals (FFS) in the Northwestern Hawaiian Islands has been monitored by NOAA Fisheries' Marine Turtle Biology and Assessment Program. This long-term tagging study has produced a wealth of information about the status and trends of Hawai'i's nesting females. For example, the data indicate that approximately 96% of the population nests at FFS, with >50% occurring on the islet called East Island ("East"), and a 5.4% annual increase in nesting female abundance on East over several decades. There remains, however, limited data to assess this population's resilience to the potential effects of climate change. Currently, our research foci are hatching success, incubation temperature (for hatchling sex-ratio), genetic sampling (for operational sex-ratio), and satellite telemetry with fine scale habitat use (for foraging connectivity). For three years we extended the length of the field seasons to allow saturation tagging of nesting females and excavation of nests (264 nests were excavated on East from 2017-2018 - a dramatic increase compared to published data from only 40 nests excavated prior to 2017). Emergence success remained similar to previous years (2017-2018: 71.3%, 95% CI [68.9, 73.9]; 1974-1975: 70.8%) and mean hatching success potentially increased during the recent nesting seasons (2017-2018: 79.9%, 95% CI [77.4, 82.3]; 1974-1975: 76.7%). The new data revealed large inter-annual and monthly variability in incubation periods and temperatures. This finding highlights the importance of monitoring the environmental parameters within and between seasons at this relatively high-latitude nesting site, especially considering recent ENSO events and climatic impacts. Perhaps most crucial, in light of the recent loss of East to a hurricane, was the increased monitoring of inter-island movements within FFS. In 2017 and 2018, 58 and 34 females, respectively, were tagged while basking on one island and later observed nesting on a different island. Furthermore, at least 34 of the 2017 females and 16 of the 2018 females were observed nesting at both of the primary nesting sites in FFS. Several females were observed moving between islands within a 24-hour period. While many questions remain about the resilience of this population to the loss of one of their primary nesting islands and whether other islets have the capacity to support larger numbers of nesting females, our evidence that nesting females already possess the "map" of available nesting habitat in FFS is encouraging. Future research studies include (1) pivotal nest temperatures to better predict population feminization from forecasting models and (2) male migratory ecology and paternity to elucidate breeding sex ratios for Hawai'i's principal rookery.

Acknowledgements: The authors would like to thank all previous FFS Field Researchers and other staff members that supported this research over the past 45 years. We also thank the PIFSC Marine Turtle Biology and Assessment Program and the Joint Institute for Marine and Atmospheric Research for funding this research. Additionally, this study could not have been conducted without support and permission from the Papahānaumokuākea Marine National Monument, the US Fish and Wildlife Service, the Hawai'i Department of Land and Natural Resources, the National Weather Service, and the NOAA Office of Marine and Aviation Operations.

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ISTS Nesting Session I Title:

ISTS39 2/2019

PAST, PRESENT, AND FUTURE: NESTING ECOLOGY AND THE RESILIENCE OF THE HAWAIIAN GREEN SEA TURTLE TO CLIMATIC EVENTS

Pacific Islands Regional Meeting Title:

OVER 40 YEARS OF HAWAIIAN GREEN SEA TURTLE RESEARCH: USING CONCURRENT AND NEW RESEARCH TO BETTER PREDICT THE HONU POPULATION'S RESILIENCY TO CLIMATE CHANGE

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Jan Willem Staman^{1,2}

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Camryn D. Allen^{1,2}

T. Todd Jones²



中国,西沙 美好的一天
摄影: 吴海斌

中国邮政集团公司海南省函件集邮局发布 17-480105-11-0005-010

2018 Regional Reports Now Available

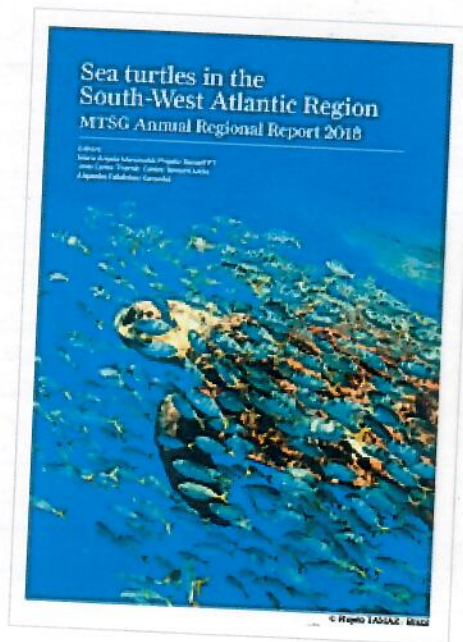
by MTSG

In 2017 the IUCN-SSC Marine Turtle Specialist Group launched a new regional reporting initiative that aims to harness the collective power of our [global expert members](#) to compile and summarize the most relevant data for conservation of sea turtles in each of the 10 [MTSG regions](#) and their respective marine turtle [Regional Management Units \(RMUs\)](#). Through this initiative, the MTSG aims to publish annual Regional Reports that summarize all known published data and pertinent unpublished data (at the authors' discretion) for each country and region in which sea turtles occur.

Our hope is that the information in these Regional Reports will become a valuable reference for conservationists worldwide, and moreover will facilitate the production of [future Red List assessments](#), a process that heretofore has been painstaking. In short, the Regional Reports are intended to: 1) help the MTSG fulfill its role as the global authority on sea turtles, and 2) spread the labor of Red List assessments to a broader force of MTSG members.

Today we are excited to publish **the first round of Regional Reports (2018)** representing five of the MTSG's ten global regions:

- Hochscheid, S., Kaska, Y. and Panagopoulou, A. (Eds.) (2018). [Sea Turtles in the Mediterranean Region: MTSG Annual Regional Report 2018](#). Draft Report of the IUCN-SSC Marine Turtle Specialist Group, 2018.
- Phillott, A.D. and Rees, A.F. (Eds.) (2018). [Sea Turtles in the Middle East and South Asia Region: MTSG Annual Regional Report 2018](#). Draft Report of the IUCN-SSC Marine Turtle Specialist Group, 2018.
- Nalovic, M., Cuevas, E. and Godfrey, M. (Eds.) (2018). [Sea Turtles in the North-West Atlantic & Caribbean Region: MTSG Annual Regional Report 2018](#). Draft Report of the IUCN-SSC Marine Turtle Specialist Group, 2018.
- Marcovaldi, M.A., Thomé, J.C., and Fallabrino, A. (Eds.) (2018). [Sea Turtles in the South-Western Atlantic Region: MTSG Annual Regional Report 2018](#). Draft Report of the IUCN-SSC Marine Turtle Specialist Group, 2018.
- Agyekumhene, A. and Kouerey Oliwina, C.K. (Eds.) (2018). [Sea Turtles in the West Africa and East Atlantic Region: MTSG Annual Regional Report 2018](#). Draft Report of the IUCN-SSC Marine Turtle Specialist Group, 2018.



See p. 179 KARU

MARINE NATIONAL PARK HEADQUARTERS
81157 NO. 24, DEMIN RD.
NANZIH DIST.
KAOHSIUNG CITY
TAIWAN R.O.C.
81157 高雄市楠梓區德民路 24
海洋國家公園管理處

KAHALA MAILE RM (137)

Executive Chef Martin Wyss married Jeanie Fujii, the head waitress at the Maile Room, former Aaron's maitre d' Skip Lambert recalls. They left the Kahala in 1982 and took over the Sty restaurant in Niu Valley.

They turned their Swiss Inn into an iconic neighborhood restaurant that prospered for many years, Lambert says. Martin ran the kitchen, and Jeanie was the front of the house.

"We're located several miles away from the tourist district," Wyss said, "so most of our business comes from islanders. Many of them cannot afford the high cost of dining at fancy restaurants, so we try to serve them good basic food at a reasonable price."

He specialized in Veal Zurichoise, Wienerschnitzel, Trout Caprice, Scallops Madagascari, osso bucco, most served with rosti potatoes. Yum!

The Wysses retired in 2000. The Kahala renovated in 1995 and replaced the Maile Room with Hoku's.

The Swiss Inn "house" salad dressing lives on, available at Foodland, Times and Tamura's markets.

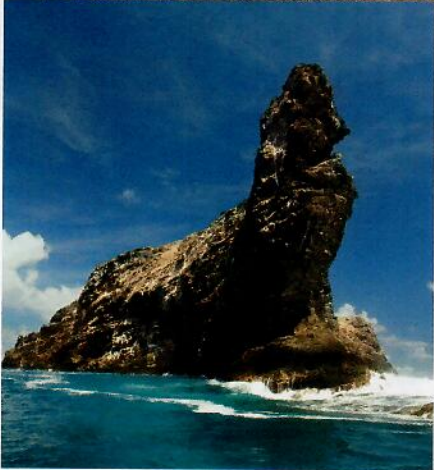
The Rearview Mirror Insider is Bob Sigall's weekly email that gives readers behind-the-scenes background, stories that wouldn't fit in the column, and lots of interesting details. My Insider "posse" gives me ideas for stories and personal experiences that enrich the column. I invite you to join in and be an Insider at RearviewMirrorInsider.com. Mahalo!

BOB SIGALL KAHALA'S FORMER MAILE RM. 2/1/2019
opened 1964





Courtesy Shane Egan, Hā'ārafu, Tongatapu



Wayne Levin

Voyaging likely continued in Polynesia long after each island group was settled. Above top, Hawaiian-style petroglyphs Burley found on the Tongan island of Foa suggest someone from Hawai'i might have visited Tonga in the fifteenth century. Above bottom, the islet of Mokumana-mana would have required repeated voyages from the main Hawaiian Islands to supply the resident population.

Tiger shark bites man at Hanalei Bay

By Leila Fujimori
lfujimori@staradvertiser.com



Ocean Safety officials Monday closed Hanalei Bay to swimmers until further notice after a large tiger shark bit a Kauai surfer's leg Monday afternoon, according to Kauai County officials.

Lifeguards posted signs and warned beachgoers to stay out of the water. Three tiger sharks — 12- and 15-footers — were spotted a week earlier, on Jan. 28, at Kekaha Beach on Kauai's west side.

The surfer was reportedly a firefighter, according to a North Shore surf shop owner.

He had been surfing at a spot called The Bowl when he was bitten at around 1:45 p.m.

Medics transported him to Wilcox Medical Center with multiple cuts to his leg, according to Kauai County officials.

Kalina Jones, who works at Hanalei Surf Co., said her boss told her the victim was a firefighter.

Jones, 17, said she had ended her surf session just 20 minutes before the attack.

"It was the first time I was glad I had to come to work," she said.

She said her boyfriend got out of the water earlier because "he was feeling the sharky vibe."

Surfer Phil Irons, a Hanalei

2/5/19 STAR-ADVERTISER HSA

resident and the father of the late world champion surfer Andy Irons, said heavy rain in Hanalei over the past couple of weeks triggered runoff into the ocean, which attracts sharks.

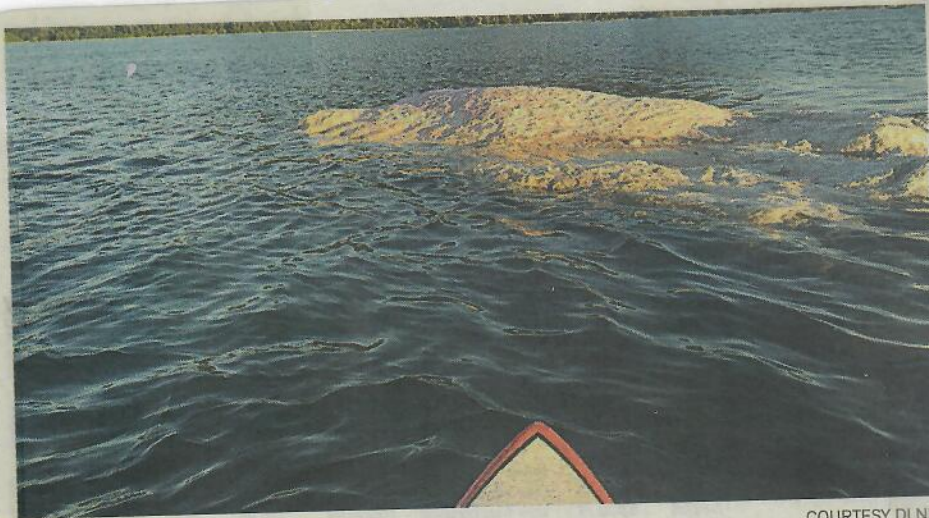
"Avoid murky water," he said, adding that he's seen tiger sharks swim up the Hanalei River.

The Department of Land and Natural Resources, which responded to the incident, cautions beachgoers to avoid murky waters, harbor entrances and stream mouths, especially after heavy rain.

Tiger sharks, considered the most dangerous sharks in Hawaii waters, are often attracted to stream mouths after heavy rain when upland fish and other animals are swept out to sea, according to the DLNR website, which also noted that the greatest number of tiger shark incidents (nine) have occurred between 11:30 a.m. and 3:30 p.m.

A well-known tiger shark attack on Kauai's north shore involved then-13-year-old Bethany Hamilton, who lost her left arm on Oct. 31, 2003, at Tunnels Beach in Haena.

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COURTESY DLNR

State officials say the carcass of a "very large" whale of unknown species washed onto a reef in Kaneohe Bay Tuesday morning, about a mile offshore of Waikane.

Whale carcass caught on reef in Kaneohe Bay; sharks expected

By Nina Wu
nww@staradvertiser.com
2-7-19
HSA

Another whale carcass has landed near the shoreline — this time on the windward side.

State officials say the carcass of a "very large" whale of unknown species washed onto a reef in Kaneohe Bay Tuesday morning, about a mile offshore of Waikane.

Mammal stranding response teams from the University of Hawaii and the National Oceanic and Atmospheric Administration were unable to get close to the reef Tuesday due to shallow water conditions. State Department of Land and Natural Resources officials are asking people to stay clear of the carcass.

Last month a sperm whale carcass was spotted near

Kewalo Basin. Officials towed the carcass out to sea from Oahu's south shore a few times, only to have currents wash it back ashore. They decided last week to let it remain where it is in an isolated area near Campbell Industrial Park and let nature take its course.

The sperm whale carcass drew much attention and publicity, including a video of a man standing atop it, reports of divers removing its teeth and social media posts of divers swimming with a great white shark attracted to the carcass.

"Despite recent photos of people swimming with sharks when a sperm whale carcass appeared on Oahu's south shore last month, we strongly encourage people to stay clear of this carcass," Jason Redulla, Conservation

and Resources Enforcement chief, said Wednesday in a DLNR news release. "Disturbing a carcass or collecting anything from it is against the law.

Harbor agents at the Heeia Kea Small Boat Harbor have also advised all commercial tour boat operators to stay away from the carcass due to the expected presence of sharks.

State and federal officials are assessing their options for removing the carcass, which they expect to be challenging due to its weight, size, advanced state of decomposition and position on the reef. Officials said they are working with Native Hawaiian practitioners to ensure that cultural protocols and the respectful handling of the remains are observed.

Remnants of sperm whale



TYNE PHILLIPS / TPHILLIPS@STARADVERTISER.COM

About two-thirds of the sperm whale was still intact Saturday and the stench could be detected from Barbers Point Beach Park. Officials with the University of Hawaii's stranding lab were on the scene to collect samples to help them better understand sperm whales.

carcass return to Oahu's shores

By Tyne Phillips
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For a video on the whale carcass' return, visit staradvertiser.com.

The decomposing sperm whale carcass that just won't go away is continuing to make a nuisance of itself, this time washing ashore near Campbell Industrial Park.

The carcass was first reported Jan. 10 about a mile from Kewalo Basin with a number of large tiger sharks feeding on it. After drifting into shallow waters fronting the Sand Island State Recreation Area, city, state and federal agencies towed the whale into the deep ocean 15 miles off Oahu's south shore on Jan. 12.

The remains made international headlines when dive tour operator Ocean Ramsey posted photos and video of herself swimming with a massive great white shark that

was attracted by the carcass. Other people were photographed standing on the floating hulk.

About two-thirds of the whale was still intact when reported Saturday near the industrial park, and the stench wafted to Barbers Point Beach Park.

Officials with the University of Hawaii's stranding lab were on the scene collecting samples to help better understand the species, the largest of the toothed whales.

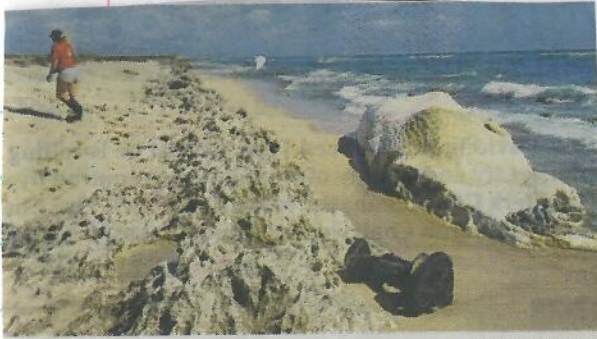
"Our team is just gonna take advantage of the fact that we have an opportunity

to learn about sperm whales through that process," said Kristi West.

After inspecting the contents of the whale's stomach, West said the marine mammal hadn't eaten much before its death.

Meanwhile, it wasn't clear how the carcass would be handled. "All involved agencies are aware of this and we'll have more info next week," said Dan Dennison, senior communications manager for the Hawaii Department of Land and Natural Resources, in an email Saturday.

West advised the public to stay out of the water in the area due to the possible presence of sharks and the potential for diseases from the bacteria on the decomposing whale.



1-30-2019 HSA
COURTESY NOAA

State and federal officials have decided to leave the sperm whale carcass where it is, along a remote shoreline near Campbell Industrial Park, and to let nature take its course.

Whale carcass washes ashore for final time

By Nina Wu
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The sperm whale carcass first spotted outside of Kewalo Basin earlier this month will remain beached by Campbell Industrial Park, where it washed back ashore after three attempts to tow it out to sea, according to state and federal officials.

The state Department of Land and Natural Resources and the National Oceanic and Atmospheric Administration said they decided to leave the carcass in place and let nature take its course. Meanwhile, researchers will study the carcass as it decomposes to learn more about the whales.

rents brought it back to a reef off of Oahu's South Shore.

While it was at sea, North Shore dive tour leader Ocean Ramsey made waves worldwide when she shared photos and video of herself swimming with a great white shark that was feeding off of the carcass.

State officials Jan. 17 said they were investigating a video of a man standing on the whale, as well as reports that others had removed some of its teeth, actions that are violations of federal and state laws.

On Jan. 19 the crew again towed the carcass about 2.5 miles offshore, and currents again brought it to the beach where it now remains.

"We're happy to announce the saga of this sperm whale has hopefully come to an end, at least for it moving around," said David Schofield, marine mammal response coordinator for NOAA's National Marine Fisheries Service. "We continue to ask people not to disturb this carcass, as both state and federal laws could come into play. Additionally, due to the possible presence of bones and tissues in the nearshore waters, there could be continued shark activity."

After conducting a necropsy, Kristi West, head of the Hawaii Institute of Marine Biology's Marine Mammal Stranding Lab, said there was no evidence the whale had ingested marine debris or plastics.

The adult male sperm whale measured about 55 feet in length and had little in its stomach, indicating it "was likely sick and struggling" before dying at sea, she said. Researchers will also look for evidence of bone disease, but many of its teeth and the lower jaw had already been removed with a chain saw.

The whale's carcass was first spotted Jan. 10 outside of Kewalo Basin. It then drifted to a rock outcropping near Sand Island State Recreation Area. Two days later the state, NOAA and Honolulu Ocean Safety towed it about 15 miles into the open ocean, but cur-

Malia Akutaga, assistant professor at the University of Hawaii and a member of Kia'i Kanaloa, a network of Native Hawaiian cultural and religious practitioners, said the group is asking the community to keep a respectful and safe distance from the whale's remains.

The group has offered prayers to help the whale transition to eternity, she said.

Noelani Puniwai, assistant professor of Hawaiian studies at UH Manoa, said whales represent "our kupuna who traveled from far, distant places."

"They are amazing messengers, as we can learn so much from them and [they] help us to determine our own roles in the environment," she said in a written statement.

Humpback calf carcass

Officials also responded to a humpback whale calf carcass that washed ashore on Kauai on Monday morning. The calf is estimated to be one to two weeks old, according to West, and while researchers have not confirmed a cause of death, it had markings consistent with a boat propeller or attacks by sharks.

"We are using it as an opportunity to learn more about Hawaii's humpbacks especially in this time of concern that our humpbacks may be undergoing a population decline," she said.