



3-8 FEB 2012 ^{TURTLE SACRIFICE} **caliber** 1
 8-11 FEB 2012 HONG KONG
COMPOSITION BOOK
 11-15 FEB 2012 GANGKOU RESERVE
 16-18 FEB 2012 HAWAII
 18-20 FEB 2012 HONG KONG
BALAZS
 GEORGE BALAZS




Wide Ruled
 100 Sheets

9.75 in x 7.5 in (24.8 cm x 19 cm)

February 3, 2012 Friday - HNL TAIPEI P.27
 TURTLE SACRIFICE Penghu FEB 6 2012
CLASS SCHEDULE DATE _____

NAME BALAZS SCHOOL _____

ADDRESS _____

PERIOD	MONDAY LUNDI LUNES	RM.	TUESDAY MARDI MARTES	RM.	WEDNESDAY MERCREDI MIERCOLES	RM.	THURSDAY JEUDI JUEVES	RM.	FRIDAY VENDREDI VIERNES	RM.
1	 臺北教師會館 Taipei Teachers' Hostel 台北市中正區南海路15號 15, NAN HAI RD. TAIPEI, TAIWAN R.O.C. TEL : (02)23419161 FAX : (02)23219378 統一編號 : 19080257 http://www.tth.url.tw									
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OVER

FEBRUARY 8-20, 2012 HONG KONG



CHINESE NEW YEAR 2012 =
YEAR OF THE DRAGON =

* JANUARY 23, 2012 *

TURTLE SACRIFICE PENGHU MONDAY FEBRUARY 6, 2012

2/4/5 Saturday - Gods out of Temples parade
12 Night MAGONG

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over

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Welcome



澎湖警光會館

over

地址：澎湖縣馬公市明遠路52號
聯絡電話：自動(06)9264452·9264458
警用(769)2295-6

塞舌尔卢比



塞舌尔卢比



汤加分币



斐济便士



阿森松岛的纪念币



(852)
SIMON CHAN Cell 965-874-84
FLAT A, 26/F Office 215-06910
BLOCK 4
BAYSHORE TOWERS
MA ON SHAN, HONG KONG SAR

(852)
Ka-shing CHEUNG Cell 9465-7595
FLAT C, 21/F, Block 5 Office 2150-6924
VILLA 'ATHENA', MA ON SHAN
600 SAI SHA ROAD
NT, HONG KONG SAR

Subject: Fedex address to CityU (BIG as GYG thanks)
The address for the package should be:
Margaret Murphy
Department of Biology and Chemistry
City University of Hong Kong
Tat Chee Ave.
Kowloon Tong, Kowloon
Hong Kong
Office telephone: (852) 3442-6858

KA-YAN office 21 506 922
cell 92 156876

CHINA AIRLINES HONG KONG TEL 2868 2299

DR. WANG, YAMIN
COLLEGE OF OCEAN
SHANDONG UNIVERSITY AT WEIHAI
180 WEN HUA XI LU
WEIHAI 264209 CHINA

執行經理 Manager
杜宗泰
Rex Tu
0952-964916

HOTEL 大甲大魚
Dajia

ADD: 台中縣大甲鎮蔣公
No. 73, Jiangong Rd., Dajia
Taichung County 437, Taiwan
TEL: (04) 26872126
FAX: (04) 26876
E-mail: tulye@seed.n

V. HUANG
500-58
8F, No. 6
LN 405
SEC. 1 Zhong Shan Rd.
CHANGHUA CITY
CHANGHUA COUNTY
500 TAIWAN

(Signed by PARKER =)
CONNIE NG KA YAN
ROOM 1016, 10/F,
KIN SHUE HSE,
LEI MUK SHUE EST,
TSUEN WAN, HONG KONG SAR

Hi Walter and Lell,

Three of us will be coming:

1. George H. Balazs
2. NG Ka-yan, Connie
3. Ngai Chi-yeung, Zoe

HK TO RESERVE

5

There are two ways to reach the reserve. ¹one is taking a bus (Luohu to Pinghai Twon, the ²twon next to Gangkou), the other way is hiring a vehicle. I don't know the information about hiring a car. I can ask my colleague. You can remind me this question in Feb.. It is too easiler to order a vehicle before the spring festival.

Welcome



澎湖警光會館

地址：澎湖縣馬公市明遠路52號
 聯絡電話：自動(06)9264452·9264458
 警用(769)2295-6

over



伍家恩
KA-YAN NG, Connie
 博士研究生, 香港城市大學
 PhD Candidate
 City University of Hong Kong
 電話 Tel: (852) 9215-6876
 電郵 Email: kayan.ng.connie@gmail.com /
 kayng64@student.cityu.edu.hk

研究興趣: 海洋生態保育、海龜
 Research interest: Marine Ecology & Conservation,
 Sea Turtles




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Re: Sea Turtle Workshop with Chinese Academy of Fishery Sciences (CAFS)

1 message

>
> On Fri, 13 Jan 2012, Keith Chanon wrote:

>> Hi All-

East China Academy of Fishery Sciences

>> Please see below the message from CAFS regarding the plans for the turtle workshop. CAFS is requesting additional details regarding the workshop. I think this is a good time to develop an agenda and to identify participants.

>> As we've communicated earlier to CAFS regarding the workshop, the objectives are:

- >> 1. To better understand current sea turtle research conducted by the Chinese and U.S. governments
- >> 2. To identify common areas of collaboration related to sea turtle research and conservation
- >> 3. To identify two-three potential projects to be carried out by U.S. and Chinese researchers

>> Due to the time constraints in that the Chinese will celebrate their New Year beginning the end of next week, returning the beginning of February, I want to request from you, who is most likely to attend the workshop from NOAA and what topics should be presented?

>> I wonder if we can convene a conference call with a core team next week, either Tuesday or Wednesday at 3:00 or 4:00pm (EST)? [Unfortunately, not

DR. SUN CHEN

Dear Gorge,

How do you feel about China? May you please tell me your feeling? I hope you like it.

I am so sorry about the adress. It is right, but not complete. The right one is as following:

College of Economics and Management, Shanghai Ocean University, 999 Hucheng Huan Road, Lingang New City, Shanghai, PR China.
zipcode: 201306

see p. 163

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>> Dear Keith,
 >> Thank you for your email.
 >>
 >> As for the sea turtle workshop, we think there is a possibility of
 >> holding the meeting in conjunction with the science forum, but we will ask
 >> our scientists and related management agencies for confirmation. In order
 >> to do that, would you please send us some background information about the
 >> sea turtle workshop, for example, its aim, topics of discussion, possible
 >> U.S. speakers and presentation titles? What is the scope of the workshop,
 >> how many U.S. scientists would be present? With this draft information, we
 >> could contact related scientists and managers. We would also want to know
 >> more about the funding for the workshop. When we get to know more about
 >> the workshop, we could confirm you then. It is better to send us
 >> information earlier, as starting from late next week, we will have our
 >> Chinese New Year break and will be back to office in early Feb.
 >>
 >> As for the forum on fishery science and technology, this year the forum
 >> will be hosted by East China Sea Fisheries Research Institute, CAFS.
 >> The planned timing is mid or late October. September is a bit difficult this
 >> year because of the school season and the availability of professors at the
 >> universities. Also scientists usually come back from their annual break in
 >> early Sep., which makes preparing to participate in Sep. a rush of time.
 >> Therefore, we would suggest holding the LMR meeting in Oct. in conjunction
 >> with the forum. The first announcement of the forum will be ready before
 >> March. I will send you the announcement then.
 >>
 >> As for the shellfish project, they suggest inviting Dr. Chris Brown to
 >> China in Feb. or March as the project is going to end in April, but still
 >> don't know his availability of time.

>> Regards,
 >>
 >> Jing Ying

>> Jing Ying
 >> Project Coordinator
 >> Division of Academic Exchange and Cooperation
 >> Chinese Academy of Fishery Sciences
 >> Tel: 86-10-68673919 Fax: 86-10-68676685

2/2012

By MR. GU,
 AFTER TALKING
 TO HIS
 friend
 (JING YING
 IS HIS BOSS)

Address:

中国水产科学研究院

Jing Ying
 静莹

中国海南省海口市蓝天路华江大厦 4A 邮

编 : 570206

Name: 杨万里

Phone: 18689947559 *- A CUSTOMS OFFICE*

Lan tian lu , hua jiang da sha 4A
Haikou, Hainan Province 570206
China

Contact name: Yang Wan Li

Phone: 18689947559 ✓

(note: must write phone number and contact name)

FREDERICK YEH

Date: Sun, 26 Feb 2012 11:59:56 -1000
From: YihTyng Bong <yihtyng2020@hotmail.com>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: Your Professor

Hi George,

National Pingtung University of Science and Technology,
Department of Veterinary Medicine,
No.1, XueFu Road, Neipu County,
Pingtung County,
912 Taiwan.

My professor name is Tsung-Chou Chang (TC Chang), he is an associated professor,
and his email is tsung@mail.npust.edu.tw.

Thank you for doing this, I believe my professor will be happy receiving your
mail and looking forward to this outreach.

By the way my phone ran out of credit again, so here's my phone in Taiwan -
+886912-272-870. Or you can send me an email when you're in Taiwan, I have saved
your TW cell into my contact!



seaturtles911[®]
Saving Sea Turtles in the South China Sea

9

**Tentative Agenda Schedule in Hainan
Feb 16-18, 2012**

Thu, Feb 16

*Delay
15:30h*

- 13:30 - 14:00 Flight Arrival
- 14:00 - 15:00 Visit Marine Animal Park near airport *NO*
- 15:00 - 17:00 Visit downtown Sanya, including turtle jewelry and sales in restaurants *NO*
- 17:00 - 18:00 Hotel Check-in
- 18:00 - 19:00 DINNER
- 19:00 - 20:00 Visit turtles at Hot Springs Resort *NO*

Fri, Feb 17

- 7:30 - 8:00 BREAKFAST
 - 8:00 - 10:30 Visit Sea Turtles 911 hospital *1 hour*
 - 10:30 - 12:00 Visit aquaculture farms in the vicinity to see turtles to be sold
 - 12:00 - 13:00 LUNCH
 - 13:00 - 14:00 Turtle release *NO*
 - 14:00 - 18:30 Visit turtles at possible captive breeding site *1hr 45 drive each way!*
 - 18:30 - 19:30 DINNER
 - 19:30 - 20:30 Return to Sanya *1 hour*
- 10:30 - 12:30 am Attached satellite tag to 95.5 cm ccl female*

Sat, Feb 18

- 7:30 - 8:00 BREAKFAST
- 8:00 - 9:00 Visit turtles at Ritz Carlton
- 9:00 - 11:00 Turtle education & release *1 juvenile green w/ LFF "TRAINING" TAG*
- 11:00 - 12:00 Check-out and Flight Departure at 13:30



CNA

Praise Matsu *The CHINA POST 2/20/12*

Residents of Miaoli County's Tongxiao (通霄) set off firecrackers to welcome the return of goddess of the sea Matsu (媽祖), who had been out visiting (and blessing) different villages — a trip she takes yearly, riding on a sedan chair and carried by a large team, with each member serving a designated post — over the past nine days, yesterday. The team had journeyed over 400 kilometers on foot during this outing.



Indian Ocean - South-East Asian Marine Turtle Memorandum of Understanding



Profile of the Month

Sea Turtle Conservation in Hong Kong SAR, China

(Oct 2011)

Source: NG Ka-yan, Connie -- Wetland and Conservation Fauna Officer (Monitoring)

Photos: NG Ka-yan, Connie

Located in South China, Hong Kong is a cosmopolitan city with a surface area of approximately 1,100 square km, comprising more than 260 islands.

Out of the seven sea turtles species in the world, five species could be found in Hong Kong. They are green turtle (*Chelonia mydas*), leatherback (*Dermochelys coriacea*), olive ridley (*Lepidochelys olivacea*), loggerhead (*Caretta caretta*) and hawksbill (*Eretmochelys imbricata*). Sea turtles are encountered in the southern to eastern waters of Hong Kong, which may overlap with the distribution of coral and seaweed community in the more oceanic environment, providing turtles with food and shelter.

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Among the five sea turtle species recorded in Hong Kong, the green turtle is the most commonly found and the only species that nests in Hong Kong. The regular nesting site is situated at a sandy beach of 0.5 ha, called Sham Wan, found on Lamma Island (22.191°N, 114.139°E) at the southeastern part of Hong Kong.

The nesting season of green turtles in Hong Kong lasts from June to October. From 1998 until present, from 3-7 clutches of eggs have been delivered by female green turtles, each with about 100 eggs laid at intervals of 12 to 14 days in a nesting season.

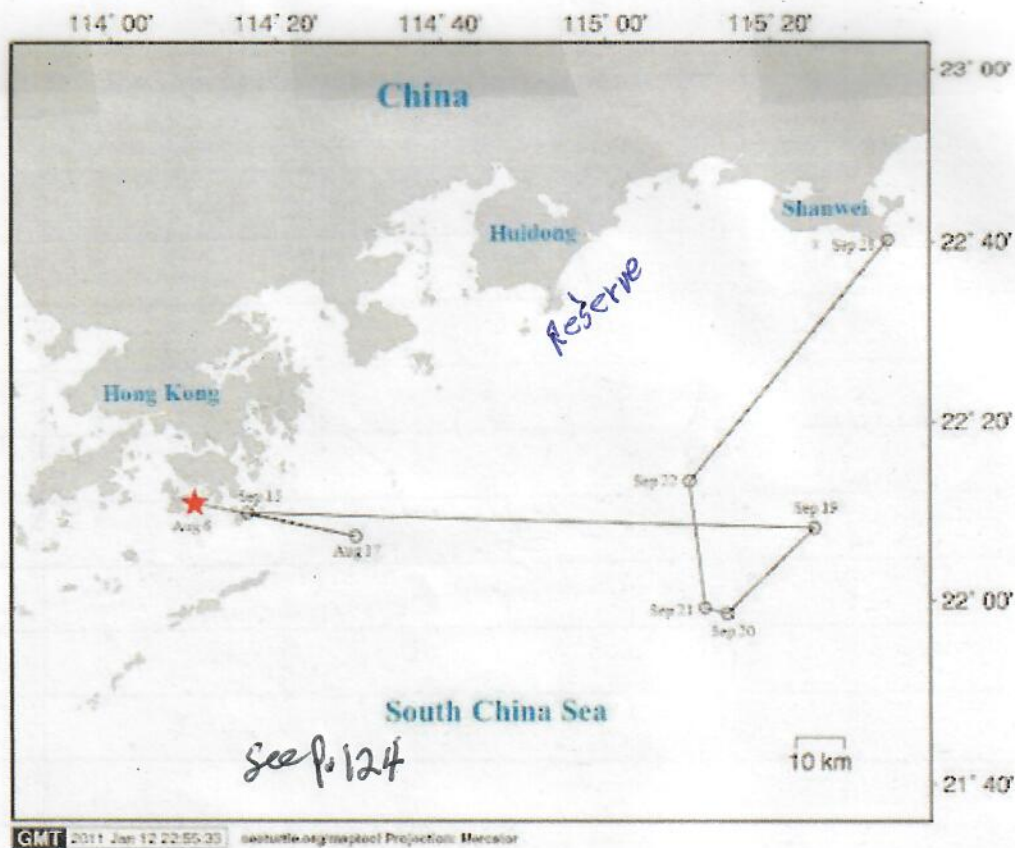
A number of conservation measures have been in place to conserve the globally endangered sea turtles in Hong Kong and the region.

In Hong Kong, all sea turtle species are protected under local laws: the "Protection of Endangered Species of Animals and Plants Ordinance" and the "Wild Animals Protection Ordinance". Under the "Protection of Endangered Species of Animals and Plants Ordinance", it is an offence to import, export, or possess any part of a sea turtle or its eggs. To effectively protect the nesting turtle and its habitat, the nesting beach Sham Wan is designated as a "Restricted Area" under the Wild Animals Protection Ordinance, which forbids entry during the green turtle nesting season from June to October.

Before the onset of the nesting season each year, management works are carried out at Sham Wan. These include removal of weeds which may hinder turtles coming ashore to nest or hatchlings to march off to the sea, regular monitoring of the site conditions and collection of refuse on the beach, etc. During nesting season, nature wardens of the Agriculture, Fisheries and Conservation Department (AFCD) of the HKSAR government regularly conduct day-time and night-time patrols at Sham Wan to safeguard the nesting site and to protect nesting turtles and their eggs.

Green turtle eggs are generally left intact on site when environmental conditions are suitable for natural incubation, while staff of AFCD closely monitor the natural hatching process. On occasions when green turtle eggs are threatened by external factors on the natural nesting beach, such as inundation due to continuous heavy rainfall, artificial incubation of the eggs in controlled laboratory conditions is performed to enhance the hatching success. Since 1998, over 600 hatchlings from artificial incubation have been released from Sham Wan for their return to the wild.

AFCD has commenced a satellite tracking programme since 2002 for the purposes of identifying the migratory routes and movements of green turtles in the South China Sea, so as to pinpoint their migratory corridors, hotspots and foraging grounds in the region. According to the satellite tracking records, in 2002, a post-nesting female green turtle from Hong Kong migrated to its foraging ground at waters off Wanning City of Hainan Island of China, which is about 500km from Hong Kong, in about 20 days (Chan et al., 2003). Another female green turtle migrated to its foraging ground in Dao Bach Long Vi of Vietnam, approximately 700 km from Hong Kong, within a month after nesting at Sham Wan in both 2003 and 2008.



With a view to better understanding the population structure and biology of sea turtles in the region, morphometric measurements and collection of samples for genetic analysis are conducted on stranded or rescued sea turtles, as well as necropsy of dead turtles to investigate the potential cause of death and threats to the population.

We recognize that the success for conserving sea turtles greatly hinges on public participation. Public reports on sea turtle sightings or strandings can assist the relevant parties in taking appropriate action promptly. Therefore, public engagement in sea turtle conservation work has been promoted and reinforced by AFCD through educational events, such as public seminars and leaflet dissemination.

Bibliography

Agriculture, Fisheries and Conservation Department's Homepage. Electronic Resource: www.afcd.gov.hk

Chan, S.K.F., J.K., Chan, L.T., Lo, and G.H. Balazs. 2003. Satellite Tracking of the Post-nesting Migration of a Green Turtle (*Chelonia mydas*) from Hong Kong. *Marine Turtle Newsletter* 102: 2-4.

Chan, S. 2004. *Green turtles in Hong Kong*. Friends of the Country Parks and Cosmos Books, Hong Kong. 103 pages.

Chan, S.K.F., I.J., Cheng, T., Zhou, H.J., Wang, H.X., Gu, and X.J. Song. 2007. A Comprehensive Overview of the Population and Conservation Status of Sea Turtles in China. *Chelonian Conservation and Biology* 6(2): 185-198.

Ng, C.K.Y., and P.Y.M. Wan. 2011. Public support results in the successful rescue of a juvenile Green Turtle (*Chelonia mydas*, 綠海龜). *Hong Kong Biodiversity Newsletter* 21.

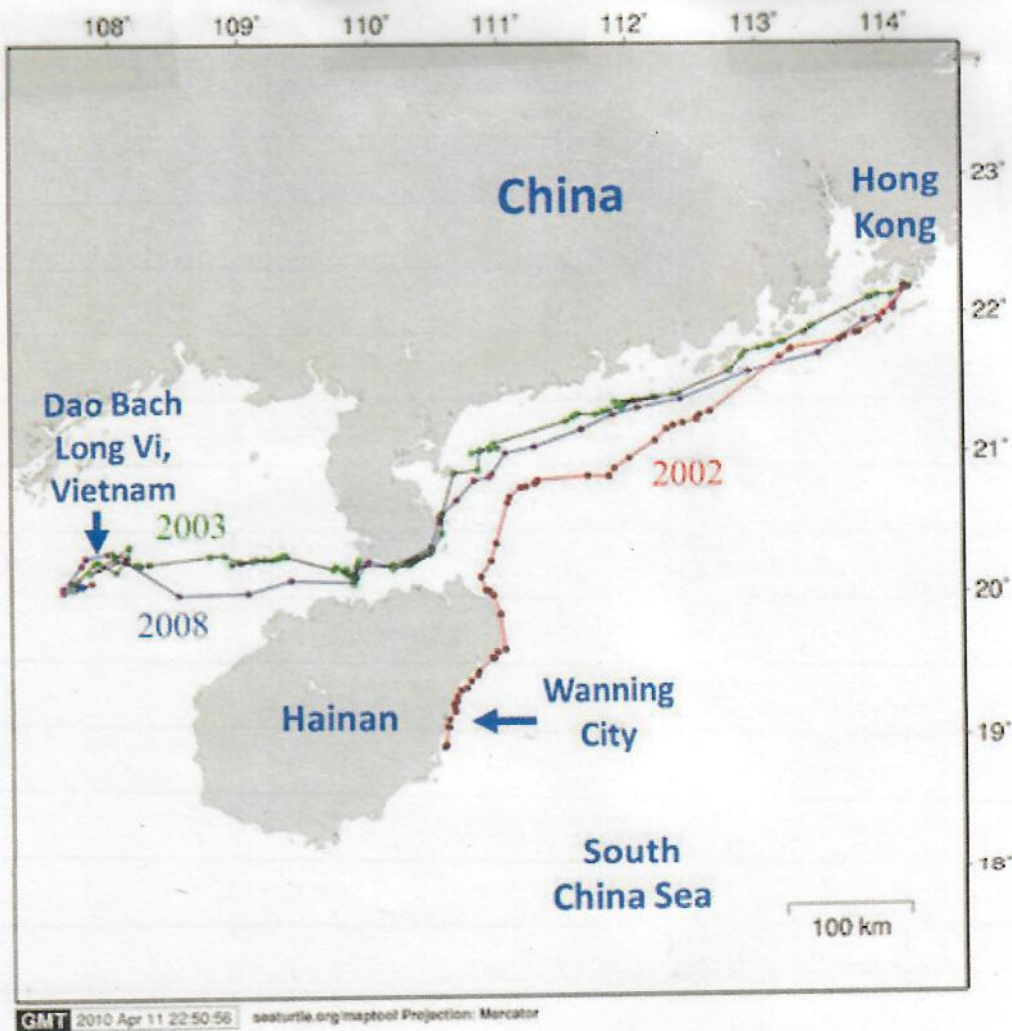


Hong Kong SAR is located in South China. Star icon denotes the location of green turtle nesting site - Sham Wan at the southeastern part of Hong Kong.

[www.ioseaturtles.org/print.php?module=Profile of the Month&id=115](http://www.ioseaturtles.org/print.php?module=Profile%20of%20the%20Month&id=115)

10/17/20

Handwritten notes:
 10/17/20
 10/17/20
 10/17/20



In August 2010, a juvenile green turtle rescued from fishing net, after rehabilitation, was tagged and microchipped for identification, and released with satellite tag. The tracking result showed that the turtle travelled 170 km from the release locality in 54 days to reach and reside in the coastal fringes of Shanwei peninsular of South China (Ng and Wan, 2011), which confirms the waters off Shanwei peninsular as a foraging ground for sea turtles (Chan et al., 2007).

NOTE- Caption doesn't seem to match with above map.



上海海洋大学
SHANGHAI OCEAN UNIVERSITY

15
地址(Add): 上海市临港新城沪城环路999号 邮编: 201306
999 Hucheng Huan Road, Nanhui District Shanghai 201306
电话(Tel): +86 21 61900296 传真(Fax): +86 21 61900000
网址(Web Site): <http://www.shou.edu.cn>

Invitation Letter

Feb.15, 2012

George Balazs
Zoologist
Pacific Islands Fisheries Science Center
NOAA Fisheries
2570 Dole Street
Honolulu, HI 96822
Email: George.Balazs@noaa.gov
Tel: 808-983-5733

Dr. George Balazs

A sea turtle workshop and a scientific seminar shall be successively held April 10-13, 2012 in Shanghai. The objective of the sea turtle workshop is focusing on presenting and discussing marine turtle biology, ecology and habitat requirements. The scientific seminar is for presenting and discussing current research developments on Pacific fish and fisheries, stock assessment methods, fisheries management approaches, bycatch mitigation, and stock enhancement.

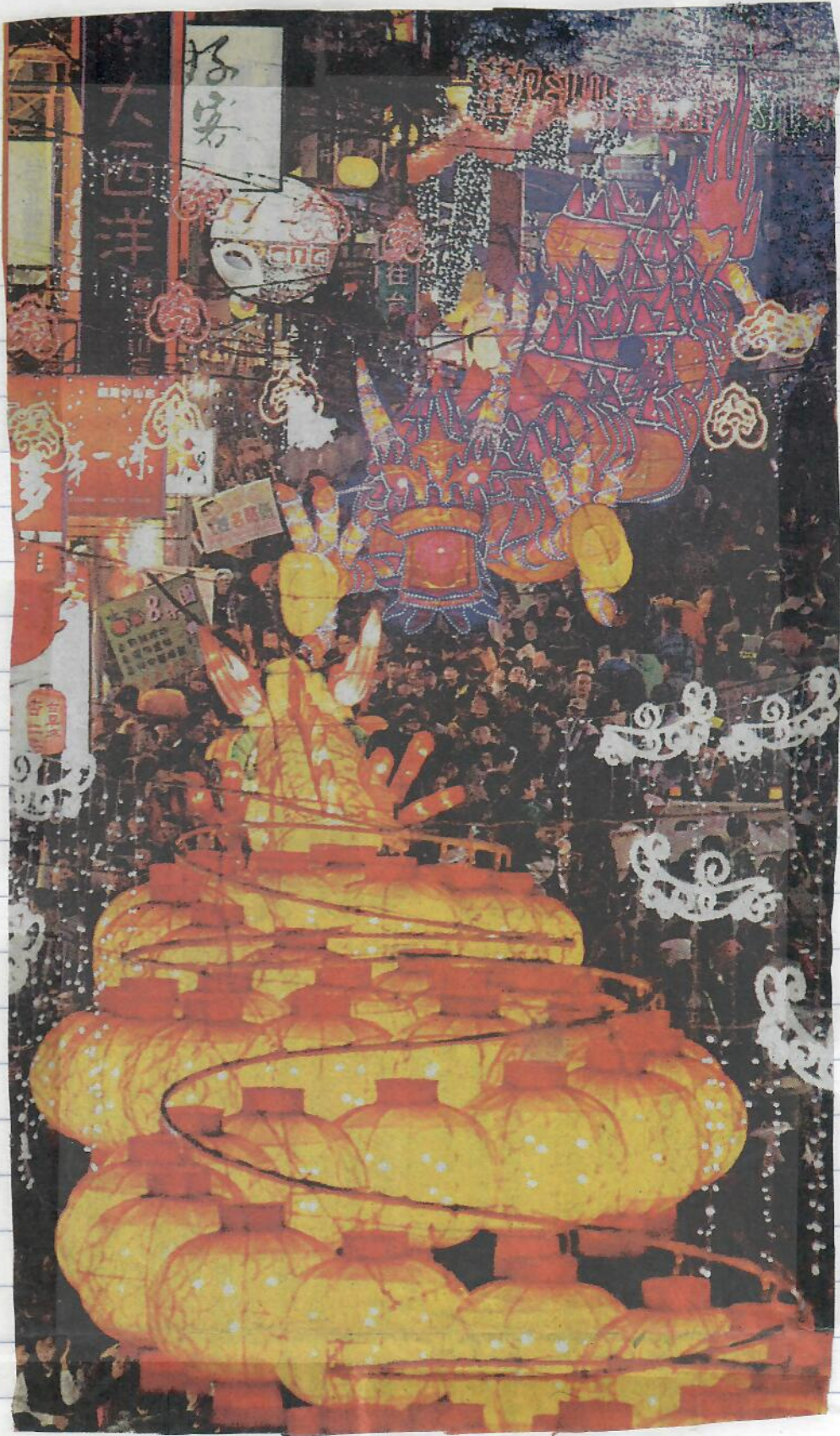
On behalf of local organizer, I would like to invite you to attend the above-mentioned meetings.

I look forward to seeing you in April.

徐雄

Liuxiong XU
Dean and Professor of College of Marine Sciences
Shanghai Ocean University

2-5-2012
TAIWAN
Newspaper





23

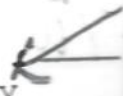
My postal address in Chinese is:
台灣省澎湖縣馬公市鎖港里337號

WENG, Hsui-Chi (Lititia)

MARCH 29
BIRTHDAY

My postal address in English should be:

No. 337, Suogang Village, Magong City, Penghu County
880, Taiwan (R.O.C.)



JACO



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HONG KONG

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2/5/12
TAIPEI
TIMES

2-5-2012
TAIPEI

25



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2/4/2012

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28



上海巨龍燈 萬民爭睹

◀明天就是元宵節，兩岸燈會紛紛亮起了龍燈。2月3日晚，上海豫園新春民俗藝術燈會人山人海，一條長60公尺，高10公尺，重達3公噸的巨龍燈王，騰空閃耀，噴吐瑞氣，吸引數萬民眾爭睹。(中新社)

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TAIPEI

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日期 DATE 2012/02/05
姓名 NAME 10,000 BALAZS GEORGEHA
編號 SEQ 015
座位 SEAT 6B

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航程 ROUTE 松山 - 馬公 - 松山

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艙等 CLASS Y

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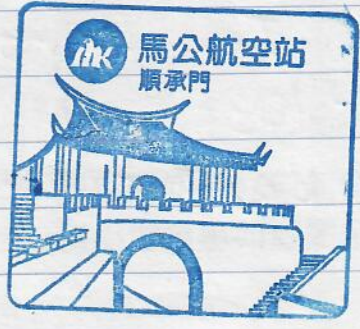
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請於班機起飛前20分鐘抵達登機門，手提行李限1件，重7公斤，尺寸不得超過56×36×23公分。
PLEASE PRESENT AT BOARDING GATE 20 MINUTES BEFORE DEPARTURE. HAND-CARRY BAGGAGE IS LIMITED ONE PIECE, UP TO WEIGHT 7KG AND DIMENSION 56×36×23CM.
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2/5/12 Kaogheung - 3 more years. English good.
Sunday pictures. Father is a police man. ^{TO CORNER STORE MARKET}
WALKED to Ocean Spirit Temple - Tent set up across the street with Rice Bag sea turtle body and Dragon Head "Longkui" - Also a beautiful Stone Carved Longkui in front - every touches - tail for Money, head, shell, each flipper - good luck. Many pictures.
At ocean Spirit met one of the temple workers/priests from Tien hod. Photo + CARD.
About 7pm dark ate at small noodle - Beef Noodle Soup + Rice w/ shaved dried Fish + TAIWAN BEER.

30

2/7/12
MAGONG AIRPORT



國家一級古蹟
開臺澎湖天后宮

監察委員 2-5-12

黃如德
Puyi from Tienhou

澎湖縣馬公市正義街一號
電話: (06) 9262819
傳真: (06) 9269537

Lohas 樂活澎湖灣 生態、生活、生產

<http://travel.bizph.com>

2-5-12 Peter (night) 王南程 (奶茶) 0922-750831

TEL: (06) 927-1237 FAX: 0940471437
ADD: 880 澎湖縣馬公市新興路9號
E-mail: lohas@bizph.com 新興科技

Met at
ACROSS P
OCEANS

Also met family - 2-SISTERS
YOUNG GIRL plays UKULELE

2/5/2012 Walked back to Police Hotel to Bed ~ 1030pm
SUNDAY VIA MACDONALDS Street - SAW NATASHA +
2 friends,

2/6/2012 UP ~ 7AM SHOWER - TO MACDONALDS,
MONDAY PANCAKE Breakfast ~ 11AM SAW GOLD TURTLE SHANSUEI
VILLAGE DRIVE BY.

Rose at shop Bus station schedule 1215pm TO
SOGANG. 95NT. GOT off close TO ZUWAY
Temple now open - could see on left side of
plane when LANDING MAGONG. A/C inside - many
photos - Ricecake turtles coins on 1st FLOOR ALTAR
- A few people there - faces ^{TEMPLE} directly A fishing harbor.
Bathroom house nearby. I walked up each floor -
ALL completed but no one there. Floor
problem 2nd floor not apparent. Moisture problem
inside - many surfaces wet. Went up stairs as
high as possible but dead end - apparently no way
to get into God's head.

WALKED TO SOGANG VILLAGE ARRIVE ~ 215pm
Latitita's ^{younger} SISTER gave me a present from her -
COIN TURTLE. Spent time at "North Pole" temple
photos. People setting up game/food booths.
Car procession departed to get gold turtles.
Didn't return until ^{15 min} 445pm.

I walked to 7-11 for food - while there
man from Feb 2011 Tienhou + SISTER + FRIEND
Recognized me - Talked + photos.

Met
1-5-12
near
LONG
KUI

澎湖縣提標館天上聖母管理委員會主任委員
澎湖縣馬公東甲北極殿爐主
澎湖縣馬公水仙宮實業會館永久委員
澎湖縣道教會常務監事·理事
澎湖縣志願服務協會常務理事·志工
澎湖縣榮欣志工隊志工
澎湖縣兩岸交流協會

陳永富 0989181392
館址：澎湖縣馬公市中山路 56 號
電話：06-9269345

OVER

SMALL STREET
CORNER TEMPLE
MAZU near
Ocean Spirit
Street

1-6-2012
~ 1-2
PM
ZUWAY
TEMPLE
VISIT



澎湖紫微宮
澎湖縣88055馬公市鎖港里593號
TEL:06-9952579/FAX:06-9951205
捐款帳號:澎湖第一信用合作社澎南分社
00044150178880
戶名:澎湖紫微宮

TZ-WEI Sightseeing Temple
No. 593, Suoguangang, Magong City, Penghu County, Taiwan

E-mail:
t9952.t579@msa.hinet.net

Homepage:
blog.xuite.net/t9952.t579/blog



Best Regard.



and Happy New Year 2012 of Dragon

Lilitia 2012.02.05 06

2-6-2012 SAT AT CHAIRS BY BUS STOP SIGN
 MONDAY ON WALK BACK - HOT - SUNNY - HUMID.
 HAD SCALLION FRIED PIFAT BOOTH NEAR TEMPLE.
 GOLD TURTLE ARRIVED - SAME AS LAST YEAR, BUT
 WITH SILVER HEADDRESS (?)
 FAMILY FROM LAST YEAR PRESENT - 2 PART OF
 CEREMONY. ~~THE~~ GROUP PHOTO W/ME. BOY 12
 LAST YEAR GREW 2' 1" TALLER.
 SAW CHISDY AND MOTUCE AGAIN - PHOTOS OF ME BY
 GOLDEN TURTLE. MET FATHER AT POLICE STATION
 THEN DROVE ME TO SHANGHAI TEMPLE.
 SAW FULL MOON AT BOTH TEMPLES. TAXI
 BACK TO MANGONG HOTEL ~ 7:30 PM. RECHARGED
 CAMERA FULLY - WALKED TO SAME SMALL SOUP
 RESTAURANT AS YESTERDAY - FOG & COLD, TO OCEAN SPIRIT
 AND LONG KUI COIN TOSS AND RUB STONE TURTLE.
 ~ 10:30 PM TO CHILDREN (D) DROP WOOD
 PIECES - ASK GODS, TO BED ~ 11:30 AM.

2-7-2012

TUESDAY UP ~ 8 AM - COLD SOME WIND.
 COFFEE IN ROOM - PACKED. TO MANGONG AIRPORT
 ~ 9:45 AM. PHOTO IN AIRPORT "FORD NET" STORES
 DISPLAY PHOTOGRAPHY. CALL CITIUS THANKING
 FOR GIFT.
 DEPART UNI AIR 11:30 AM ARRIVE TAIPEI ~ 12:15 AM

2-7-2012 TO
MAGPANG
TAIPEI

UNIAIR 立榮航空		電子機票收據 / 登機證	
立榮航空股份有限公司		班次 FLIGHT	B7 0602
2 2 9 5 8 7 7 1		目的地 DEST.	松山
台北市長安東路2段117號8樓		日期 DATE	2012/02/07
票價 FARE	TWD 4100	姓名 NAME	BALAZS GEORGEHA
航程 ROUTE	松山 - 馬公 - 松山	編號 SEQ001	座位 SEAT 5A
內含兵險附加費 INSURANCE SURCHARGE INCLUDED		登機時間 BOARDING	1115
付款方式 FORM OF PAYMENT	*****1989	登機門 GATE	7
開票日期/地點 ISSUE DATE / PLACE	2012/01/21 KHH RSVN	艙等 CLASS	
電子機票票號 ELECTRONIC TICKET NUMBER	5252429359904	請於班機起飛前20分鐘抵達登機門，手提行李限1件，重7公斤，尺寸不得超過56×36×23公分。 PLEASE PRESENT AT BOARDING GATE 20 MINUTES BEFORE DEPARTURE. HAND-CARRY BAGGAGE IS LIMITED ONE PIECE, UP TO WEIGHT 7KG AND DIMENSION 56×36×23CM.	
買受人統一編號		立榮航空全球資訊網線上服務 www.uniair.com.tw	

2-7-2012

DEPART TAIPEI 145PM → 1345

2h36m → 164PM

712 DEPART DASHIA

1912

824PM → 2024

909PM → 2109

ARRIVE DASHIA 438PM

1638

701PM

1901

大甲

13=45

TRAIN Schedule DASHIA

BACK IN TAIPEI
FROM MAGONG

(35)

TUESDAY

2-7-2012 TAXI Songshan Airport to Teachers -
Room 7122 - Left luggage and took TAXI TO
TAIPEI TRAIN STATION - Renovated area to buy tickets
on Bottom Floor - Bought 145pm to Dajia - Got to TRACK 3
3min before train departed. If missed I wouldn't have gone to
DAJIA - Yun Zhen Marie 1ST Birthday today. Talked to
Winnie - daughter Charlie 13yo English school Administrator in
TAOYUAN. ARRIVE Dajia 4:38pm Cold & Windy 12°C
Left voice message for May Hui-Wen & Cheng Yi. WALKED
TO JEN LANTEMPLE. Photos. Bought 2 KIRINS 700 NT.
Photos of KIRINS Guarding Right (ENTRANCE) DRAWER. Visited
guest Room - BRONZE MAZU. INFORMED THAT WALK WILL BE
MARCH 23, 2012. BURNED INCENSE - First then
Second (MAIN ALTAR). Noted new Jade MAZU TO THE RIGHT.
Lantern figures in Courtyard.
~ 5:45pm called May again - walked to duck shop
ARRIVE 6:30pm. Happy Birthday signing to Yun Zhen
Candle has "2". Photos. Lefted ~ 7:45pm. School
STARTS next day. May will have another baby in
August - maturity leave until October.
Depart on Train from Dajia ~ 8:30pm
ARRIVE TAIPEI ~ 11pm. Red Line MTR TO CK station
EXIT 1-2 walked to Teachers Hotel - bed ~
Midnight.

Room 7122

中國信託商業銀行
台北教師會館
謝謝光臨

卡號: VISA
卡號: 8220108100428
卡號: 01600586
卡號: 438857****0162151
卡號: 111713
卡號: SALE
卡號: 04957C
卡號: 2012/02/07 13:07:48
卡號: 000062
卡號: 000000002135
卡號: 111713

TAIPEI
TEACHERS
night 2/7/12

金額 AMOUNT: NT\$ 1400

小費 TIPS: _____

總額 TOTAL: _____

WALSH'S GEORGE
... 客戶專線 Customer Copu ...
... 對各級標準與顧客物品服務與到滿意 ...
... 歡迎來函索取資料 Sales Factory Representative

2012.02.07 臺灣鐵路局 2-7-12
莒光 C.K. Exp 517 次 145pm
台北 Taipei → 大甲 Dajia
13:45 開 16:38 到
6 車 36 號 Car. 6 Seat. 36

NT\$264元

009207 0100 535



限當日當次車有效

2012.02.07 臺灣鐵路局 2-7-12
自強 T.C. Ltd Exp 146 次 824Am
大甲 Dajia → 台北 Taipei
20:24 開 22:35 到
7 車 25 號 Car. 7 Seat. 25

NT\$343元

380207-0539-743

限當日當次車有效

17:04

TUELT
CAKE W/BOP
OCEAN
SPIRIT
TEMPLE
2-6-2012



紅豆
華馨食品

國光 國光 客運
購票證明
台北 Taipei
2-8-12 ↓ TAYUAN
桃園機場
全票
國光 號 125 元
1010208
1F0390007

2 nights TEACHERS TAIPEI
8 FEBRUARY 2 NIGHTS
Wednesday 2/012 Police
MAGONE

2/8/12 EVENING
HK 13°C
55°F
5:15 PM Arrive
(37)

UP ~ 8 AM - Packed then to IHAAI Breakfast -
wrote notes - cut newspaper articles -
11 AM back to Hotel - ~ 11:30 AM TAXI TO
BUS STATION (Seems Renovated), BUS TO
TERMINAL 1 CHINA AIR CI 0617 3:25 PM ^{Depart}
to Hong Kong - Bought TEA for MR. GU +
TANWANG Lippin in "GENERAL" Ceramic
bottle. Called Cheng at office, Tenesateng



~ 1.5 hour flight
ARRIVE 5:15 PM ~ 6 PM
After Customs ^{Immigration} Luggage
Sim card put in backwards
At first.

Red cab to BRIDAL TEA
Hotel # 275 HK
Room 407

Dinner nearby at Japanese
type Restaurant - to bed ~ 10:30 PM
NIGHT 1 HONG KONG

9 FEB. 2012

Thursday up ~ 7:15 AM HK
9 AM Depart for Ocean Park
~ 9:45 AM - Saw hawk's bill in deeper tank
KATHY CARSEN - vet 10 P. 41

88



(42) CAR

2350 HK CAR & DRIVER
4700 HK CAR & DRIVER
4/2 HK <> Reserve TO Reserve
6/0
80% = \$335.00

50% total
CAR Rental 2350
11940

HK <>
HAWAIIAN FLIGHT - 100 HK
40 HK

TOTAL 4,290
TO NG
2/10/12
evening

Chinese Restaurant NG Family
2-10-2012
Friday
Desert

酒酿丸子

Good!
SAU YAN YUN Z
↑ ↑ ↑
WINE & GLUTEN DESERT

2/9 Aberdeen Bus TO office
TOOK BACK AREA
HONGKONG NIGHT 2 (43)

2/9/2012 Dinner & wine from 7-11 at
Thursday Local Restaurant near Hotel, Profound
DISCUSSIONS.

Very Restful sleep ~ 35 HK Eggs meat, Bread
2/10/12 Breakfast At Bridal Tea Restaurant
Friday Brewed coffee by the cup - all you want,
Beautiful weather / Boat out to Floating MAZU Temple, 2 men there
Long discussions. ~ 10:30 AM TAXI TO Causeway Bay -
Many photos, Interview by YY notes taken
see PAGE 139. There until ~ 12:30 PM - many photos,

TO HK City University - saw Margaret Murphy,
supplies Centrifuge, salt bag box (for HAINAN) to TAXI
and TO Bridal Tea Hotel,

NIGHT 3 HONG KONG Room 407

2/11/2012 up ~ 7:30 AM - finished Gear packing,
SATURDAY Gear (2 suitcases, 1 carry bag, 1 centrifuge box
to bottom floor, TO Breakfast ~ 8:20 AM

Bridal Tea, More discussions,


9 AM VAN & driver arrived - loaded gear and
departed for Border and the reserve
only made one stop - at a gas station
for wash room and buy drinks,
CROSSED AT-LOWU

2012 FEBRUARY

二月

9

Calendar
from
MAZU
BOAT
TEMPLE
VISITED
2/10/2012
Friday

王辰年正月大				THURSDAY											
十八日				星期四											
宜 安床 沐浴 嫁娶 立約 入學 祈福 交易 裁開 衣市 每日胎神 占確 房內 磨 南	貴人時	今辰	子	丑	寅	卯	辰	巳	午	未	申	酉	戌	亥	忌 動 結 土 網  鼠日冲馬生三
	丑未	日吉	23 01	01 03	03 05	05 07	07 09	09 11	11 13	13 15	15 17	17 19	19 21	21 23	
	生年相冲	吉神方位	天千 庚 屬金		地支 子 屬水		納音 土 屬土		宿 奎 宿		生年喜用		乙庚戌癸壬		
	甲丙庚 午午午	喜神西北 貴神東北 財神正東	廿八縮 十二神		開		每日吉星		時生 陽氣		每日相煞		煞南 59		
本日四綠	今日八字	王辰 王寅 庚子 丙子		每日相煞		歲冲 煞馬									
廿八雨水															

正宗香港通勝日曆

2/11/2012 2.5-
SATURDAY ~ 3 hours to Reserve
Room 1707 (+ 1209) second
floor -
no heat - DIRECTOR GD

Feiyan met us - to Town Gankou lunch
w/ Feiyan - Husband - husband's mother caring
for Baby - 10 months old today, from
Lunch - y! and I walked throughout
town - market street - jewelry store woman
& son recognized me. Fish Market active -
many photos. Walked near sunset road
toward Reserve - cold. Telephoto pictures.
Picked up by Feiyan - to her Apartment
husband, ~~daughter~~ Mother-in-law, son.
Tea Director GD's office. Gift of
Longkwan jade. ^{mei Gu} Called his boss to find
out about Jing Ying (♀) - Shanghai Meeting,
"MARNEll" liquor.

2/12/2012
SUNDAY Breakfast at Fancy Hotel
on the beach.
Afterwards meetings with Director GD
Ka-yan, MINGBIN ABOUT Research plan,
DR. XIA came for a short time.

46



汇君酒店
HUIJUN HOTEL

总机:0752-8562888

传真:0752-8562233

地址: 广东省惠东县港口滨海旅游度假区镇中心

GANGKOU Downtown
2-11-2012 SATURDAY

Nice Hotel in
Gangkou that
seemed to have
a low price



Halbaino Oriental Neegeen Hotel
海百纳东方丽景酒店

MR. GU'S
friend

林志凌
Chairman
董事长

海百纳东方丽景酒店管理有限公司

2-12-12
Sunday breakfast
Waterfront Hotel

hbndflj@163.com

Tel - 0752-8562222

Fax - 0752-8510888

地址: 中国广东惠东港口海滨旅游度假区

Fancy Hotel by
the beach in
Gangkou - Mr. Gu
took us here for
Sunday breakfast
2/12/2012

RESERVE

陈华录
Huazlin Chen

Need
PIT
TAGS
+ photos

E-mail: Huazlin_chen@126.com
281579294@qq.com

friend
of Ka-shing

Weds
DRIVER
2/15/2012
Kam Fai Yung
2/11/12 LOWU CROSSING
2/15/12 SHENZHEN
CROSSING
(47)

Lunch afterward.

2-12-2012^{PM} GB, Yy Feiyan walked to "Nesting Bed"
SUNDAY Beach spent 2+ hours searching for
Turtle bones - Upper inland side of beach
is very high ^{est.} 25m(?) Lots of plastic debris
styrofoam in particular - makes it difficult
to spot white bones. Cactus thick along
border between forest and beach top.
No bones seen. Woman geneticist now
on vacation - she has other bone material
collected in August by Simon & Feiyan.

2-13-12 Room 1207
UP ~ 7:30 AM

MONDAY TO (Turtle viewing house) Turtle tanks
Set up sampling regime - started w/ smaller
turtles said to be bycatch. Did N=9
green turtles - CCLD, blood (20cc = 2-10cc
GreenTop glass ^{tubes} including 1.8 ml into orange
top syringe for genetics - + scute scrapings
4th lateral and 5th central. Kept near ice -
Midday 5 capillary tubes - PCV centrifuged - had
to have PAPA NG FAX hematocrit reader card.
All values (duplicates) very close. Did 4 more -
See photos. Weights taken on those
not exceeding 30kg limit of available.



地圖資料 ©2012 MapKing, Map



1, Pm07.

Handwritten notes in blue ink on lined paper, including the phrase "All values (9) to have for" and "Wigger & Co".

DAY 1 SAMPLING TURTLES IN DISPLAY HOUSE

Monday

2-13-2012

electronic scale. Caliper they have
CCL's all taken. PIT tags read



~~Handwritten scribbles~~

2/12/2012
Gaoqiao Reserve

Use of telemetry, genetic tool and contaminant risk assessment to reveal novel insights into biology and conservation of

Sea Turtle in South China and Hong Kong

2/12/2012 Sunday
Kayan - Feiyao -
Mingbin DISCUSSIONS

~~Handwritten scribbles~~

Overview and significance

- FACIALS -

On a mission to achieve sustainability between utilization of natural resources and human development, the primary objective of the study is to propose scientifically-sound conservation measures for globally endangered Sea Turtles, protected in CITES, in Hong Kong and South China by generating baseline biological and ecological information as follows:

1. Determination of **population structure and habitat use** by delineating habitats of interest to Sea Turtle (in particular Green Turtle) and highlighting the **characteristics of habitat** used by the species;
2. Study on **population genetics** to define distinctive genetic management units

65°F Seawater
= 18°C IN TANKS

DAY 2 of 9 DAYS
of Blood etc SAMPLING

(51)

2-14-2012

up 745 am

TUESday

coffee in room 810-825AM

Breakfast in Hotel w/ Mr. GU, NG, Feiyang

Light Rain walked to turtle house in

House AIR Temp 19°C. ^{went to 21°C later in DAY}

Turtle were fed fish + whole grass

6-8" - everyone eating slowly.

3 cc now - photos

2 Ei

2 L.O.

3 tanks drained to bleed turtles,

Blood, ~~ech~~ am, 9 turtles (3 large Carotta
6 larger greens).

Low activity level of all turtles like
VAE ^{adult} greens, and Borabora adult greens

2x10m





ARRIVE SAT. 2/11 SUN. 2/12 MON. 2/13 TUES. 2/14 WED. DEPART 2/15/12

RESERVE

N=18

(55)

2/15/2012 | Breakfast at Hotel/Lodge, but Feiyan (Wednesday) had bought breakfast early out for us to each at her office near ^{TWTF} Display House. Packed all gear - Feiyan made a list of supplies stored in Centrifuge box. Spent 2 hours walking w/ Feiyan through Gangkou + waterfront fish boats.



Night of 2/15/2012 BRIDAL TEA Hotel

2/16/2012
Thursday

HAINAN

Depart Hotel ~ 9:30 AM for
HK Airport ~ 350 HK\$ - TOLL ROAD fee,
11:30 AM HK Airline flight delayed to
~ 2 PM - Lunch at airport
Arrive Sanya Airport ~ 3:30 PM - Picked
up by Frederick + Ah-Jie driver -
to Ritz Carlton Jie

Resort ~ 45 min drive - Room 3521 (+3522)

Aloha lei type check-in
fruit juice. Dinner w/ Frederick +
his volunteers Muslim food local
shopping center. Pic

2/17/12
Friday

2/16 Saw adult male hawkbill
in one display tank +
(?) 5 ^{AGE} juveniles 1 juvenile
hawkbill in outside
Nice tank w/ concrete longheads

→ Picked up ~ 8:00 AM by driver
to Frederick's 911 facility.
Breakfast noodle soup at local roadside
shop.

2-18-2012
HAINAN



RITZ-CARLTON
911 Release

newspaper Reporter

海南日报 报业集团

南岛晚报

NAN DAO WAN BAO

黄翠 新闻中心 记者

地址: 三亚市迎宾路370号市总工会七楼

手机: 18808969260

邮箱: emilym@foxmail.com

Emailed
2/12

2-18-2012
HAINAN



THE RITZ-CARLTON®
SANYA



CHRISTOPHER SOMMERS
EXECUTIVE ASSISTANT MANAGER, ROOMS

There
2 months
OVER

YALONG BAY NATIONAL RESORT DISTRICT, SANYA, HAINAN 572000, CHINA

TELEPHONE: (86 898) 8858 6880 • FACSIMILE: (86 898) 8858 6878

MOBILE: (86) 138 7666 0062 • E-MAIL: chris.sommers@ritzcarlton.com

Emailed
2/12

2-18-2012
HAINAN



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MICHEL L. GOGET
GENERAL MANAGER

There
5 years
OVER

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TELEPHONE: (86 898) 8858 6868 • FACSIMILE: (86 898) 8858 6878

Mobile: (86) 138 7686 7001 • E-mail: michel.goget@ritzcarlton.com

Emailed
2/12

quzhi'tong@gmail.com



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SANYA



QUZHITONG
曲志桐

JULIANA QU
OVER

金茂三亚丽思卡尔顿酒店
中国海南省三亚市亚龙湾国家旅游度假区 邮编 572000
电话: (86 898) 8898 8888 传真: (86 898) 8898 6888
手机: (86) 137 0043 5797 电子邮件: rc.syxrz.fd@ritzcarlton.com

Depart HAINAN
Aud hist TR
Release

2-17-2012 Friday LATE NIGHT

TO 2-18-2012 SAT. early A.M. 2 AM

SAT Tagged 747 AGOS ID
Fisherman's Home
TAM 2639

need
From Fujian - been w/ QAI
Hainan 6 months

PREVIOUSLY WORKED IN QATAR
2/18/2012 SATURDAY HAINAN

Qiana Wang 王清

Tel: 13637664971

Email: qwang@seaturtles911.org

Wangshimyt520@yahoo.com.cn



THE RITZ-CARLTON®
SANYA

yalong bay national resort district, sanya, hainan 572000, p.r. china
金茂三亚丽思卡尔顿酒店 中国海南省三亚市亚龙湾国家旅游度假区 572000
tel: +86 (898) 8898 8888 fax: +86 (898) 8858 6888 email: rcsy.reservation@ritzcarlton.com
www.ritzcarlton.com



64

CARD IN
RITZ-CARLTON
ROOMS
2/16 2/17/12



SeaTurtles 911
拯救海龟回归自然

诚挚邀请您参加
Cordially invite you
to join

INVITATION

寄养 - 放生 - 回归 Raise - Release - Return

与海龟亲密接触

Meet the Sea Turtle

2012. 2. 16&17 09:00-17:00

酒店沙滩 Hotel Beach

与国际专家共同探索海龟 *

Sea Turtle 911 Education Lecture

2012. 2. 18 09:00-10:00

酒店沙滩 Hotel Beach

海龟重归大海放生活动

Sea Turtle Release Ceremony

2012. 2. 18 10:00

酒店沙滩 Hotel Beach

* 主讲人 Lecturer: George Balazs

国际自然资源保护联合会专家 Expert of International Union for the Conservation of Nature



THE RITZ-CARLTON®
SANYA



COMMUNITY
FOOTPRINTS
THE RITZ-CARLTON®

IMP
03

66

Spring Deer Restaurant

BEST PEKING FOOD WORLD FAMOUS PEKING DUCK

42, MODY ROAD 1ST FLOOR TSIMSHATSUI KOWLOON

TEL: 2366 4012 2723 3673 2366 5839

OVER

2/19/2012 Sunday Lunch I hosted
for Ka-shing Family (4), Simon & Michael, & Ka-yam

B 156138



入場券
Admission Ticket

標準票
Standard Ticket

HK\$10



LCS176a

一人一票，並須遵守印於背面之規例 ADMIT ONE ONLY and subject to the conditions listed overleaf

MONTOVANI
2-15-2012

69

"MADE IN TAIWAN"

Symbol of quality products worldwide

Courageous and excellent Taiwanese

cannot be silent any more

our motherland is

"TAIWAN"

• 北緯23° 東經120°
(北回歸線)

©VERSEA'S TAIWANESE REPRINTING WELCOME

2/20/2012

144207

HK → TPE → Narita → Hono

 CHINA AIRLINES

Y

BALAZS GEORGEHARVE
 ELIT DL2684362045
 CI0642 Y 20FEB 070
 FM HONG KONG
 TO TAIPEI

座位 Seat 登機順序 Boarding Seq.

16C ZONE2

ETKT2972475557782

 CHINA AIRLINES

Y

BALAZS GEORGEHARVE
 DL 2684362045
 I0018 Y 20FEB 165
 FM TAIPEI
 O HONOLULU

座位 Seat 登機順序 Boarding Seq.

49C ZONE1

ETKT2972475557782

7:30AM
2/20/2012
Monday

ETICKET 297 247 555 7782 # 1446



Wait~~~~~
for that magic moment

[澎湖·鎖鑰島燈塔]

117

海南省陵水县新村镇新兴二巷09号
邮编 572426



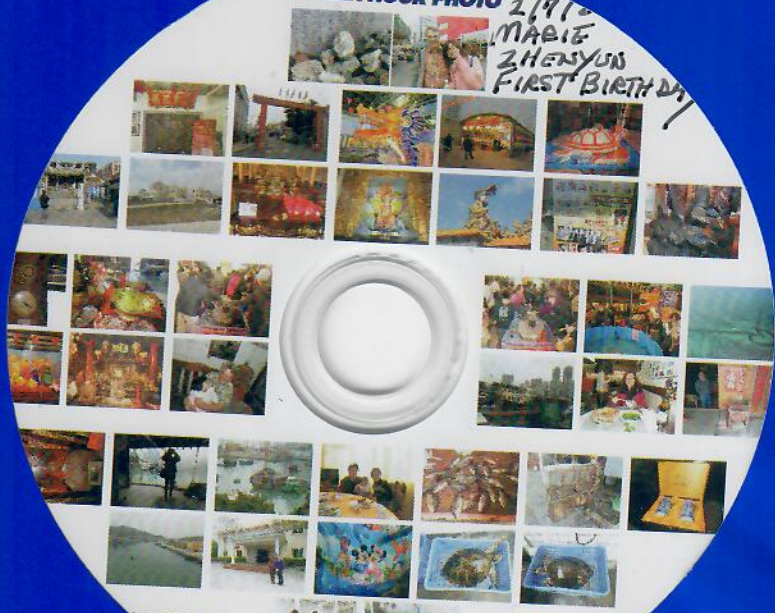
黎桂盛先生

121

COSTCO
1-HOUR PHOTO

COSTCO
1 HOUR PHOTO

2/9/12
MABIE
ZHENYUN
FIRST BIRTH DAY



10/2012

E5165

FEBRUARY 2012

TAIWAN - TURTLE SACRIFICE 2/6/12
Event PENGHU - DAJIA - GANGHOU
RESERVE

FEBRUARY
Date 2.012



Fig 12a & b. Satellite transmitter attached to the Green Turtle.



See p. 12 + p. 123
g 13. AFCD officers and the Green Turtle prior to release. George,
Thank you for your mentorship!
Kindly, Karyan NG

NOV
2011



Fig 11. Inconel tag 'HK-054' on the hind limb of the Green Turtle.





Marine Turtle Specialist Group

Species Survival Commission / IUCN–The International Union for Conservation of Nature

CO-CHAIRS

Roderic B. Mast

Conservation International
2011 Crystal Drive, Suite 500
Arlington, VA 22202 USA
phone +1-703-341-2685
r.mast@conservation.org

Nicolas J. Pilcher

Marine Research Foundation
136 Lorong Pokok Seraya 2
Taman Khidmat
88450 Kota Kinabalu
Sabah, Malaysia
phone +60-88-386136
npilcher@mrf-asia.org

PROGRAM OFFICER

Brian J. Hutchinson

Conservation International
2011 Crystal Drive, Suite 500
Arlington, VA 22202 USA
phone +1-703-341-2433
b.hutchinson@conservation.org

Director He-Xiang Gu
China National Ganghous Sea Turtle Reserve
Huidong Gangkou Sea Turtle National Nature Reserve,
Guangdong 516359,
China

February 27th, 2012

Dear Director Gu:

It is with great pleasure that we welcome your role as a full member of the IUCN SSC Marine Turtle Specialist Group. We look forward to working with you in the coming years to further marine turtle conservation in China, and indeed regionally.

We will be relying on your knowledge and vast experience in dealing with turtle conservation issues to help implement the MTSG agenda, and to bring science and objectivity to conservation programmes in China.

As you know, as a member of the Marine Turtle Specialist Group, you are a member of the SSC, the largest of the six volunteer commissions of the International Union for Conservation of Nature. The SSC is a science-based network of some 7,500 volunteer experts from almost every country of the world, all working together towards achieving the vision of, "A world that values and conserves present levels of biodiversity". Working in close collaboration with IUCN's Species Programme, SSC's major role is to provide information to IUCN on biodiversity conservation, the inherent value of species, their role in ecosystem health and functioning, the provision of ecosystem services, and their support to human livelihoods. SSC Members also provide scientific advice to conservation organizations, government agencies and other IUCN members, and support the implementation of multilateral environmental agreements. The types of expertise required to accomplish the ambitious work of the SSC are wide-ranging.

We value the long-term commitment you have made to ensuring turtle populations in China flourish, and look forward to seeing you bring this to bear at greater heights as a member of the MTSG.

With best regards,

Dr. Nicolas J. Pilcher
Co-Chair

Roderic Mast
Co-Chair

我国南海海龟资源的调查与保护研究现状与展望

王亚民

(中华人民共和国农业部水产司, 北京 100026)

Achievement and Perspective of the Researches on South China Sea Turtle Resources and Protection in China. Wang Yamin (Division of Science and Technology, Department of Fishery, People's Republic of China Ministry of Agriculture, Beijing 100026). *Chinese Journal of Ecology*, 1993, 12(6): 60-61.

This paper introduces the researches in field of South China Sea turtle resources and protection in China. There are five species sea turtles in China, about 90% of them live in South China Sea. During 1959-1988, 3184.1t sea turtle were caught (about 31841 sea turtle). It's estimated that there are 16800-46300 sea turtle in South China Sea.

Key words: sea turtle, turtle resources and protection, South China Sea.

海龟是濒临灭绝的海洋洄游性爬行动物,目前,世界野生动物基金会(WWF)、国际自然及自然资源保护联盟(IUCN)和濒危动植物种国际贸易公约(CITES)均将所有海龟确定为濒危物种,严禁国际贸易并加以保护,我国也于70年代将海龟列为国家二类保护动物。

我国的海龟资源由于酷捕滥杀,尤其对于海龟产卵场所的破坏和对龟卵的挖掘,造成海龟资源量的锐减。农业部水产司、渔政局和国家濒危物种进出口管理办公室等单位,针对我国海龟资源的现状,曾经立项开展南海海龟资源的调查与增殖保护的研究,广东省水产局渔政处、南海海龟资源保护站直接承担南海海龟的资源保护调查任务。

世界上现有海洋龟类2科5属7种,其中属海龟科(Cheloniidae)的有6种,分别为绿海龟(*Chelonia mydas*)、玳瑁(*Eretmochelys imbricata*)、蠵龟(*Caretta caretta*)、大西洋丽龟(*Lepidochelys kempii*)、太平洋丽龟(*Lepidochelys olivacea*)、平背绿海龟(*Chelonia depressa*);属棱皮龟科(Dermochelidae)的有棱皮龟(*Dermochelys coriacea*)1种。我国海洋龟类有绿海龟、玳瑁、蠵龟、太平洋丽龟和棱皮龟2科5属5种,我国海洋龟类资源的绝大部分均分布于我国南海海区。

根据广东省水产局南海海龟资源保护站的研究调查,我国南海海龟资源以西沙和南沙群岛海域分布的较多,据广东省水产局南海海龟资源保护站的研究报告“南海海龟资源调查与孵化养殖技术研究”,近年来南海海龟的数量介于16800-46300头之间,其中绿海龟大约占87%,玳瑁占10%,其余占3%左右,每年洄游到西沙和南沙群岛海域的海龟大约有14000-40000头左右,洄游到南海北部沿海(含广东省、海南省及东沙

群岛海域)大约有2300-5500头左右,洄游到北部湾海域的只有500-800头左右。

根据海南省的调查,1959-1988年间南海海域捕捞海龟大约可折算为31841头(平均按照100kg折算为1头),其中以1965年和1986年较高,分别为259t和270t,各年估计产量见表1。

对于海龟的食性,根据中国科学院动物研究所黄祝坚先生的文章,认为绿海龟以海洋中的海草和藻类为主要食物,而太平洋丽龟以虾类为主要食物,玳瑁则以海绵类、被囊动物、软体动物和藻类为主要食物,棱皮龟以水母、被囊动物和寄生蟹为食物。

地球上出现龟类大约在二叠纪的中后期,经历了从海洋到陆地,又从陆地回到海洋的漫长的历史演化过程,形成了洄游的习性,根据广东省水产局梁玉麟等人的观点,认为我国沿海的海龟与西太平洋海龟洄游群体有密切的关系,1974年7月在北部湾海南省八所海面捕获的英国海洋生物研究所标志放流的雌性棱皮龟(体重为350kg)也证明这种情况,但海龟产卵季节后,西沙群岛海域和大陆沿海仍然发现大型绿海龟,究竟是长期或暂时栖息在南海海域尚有待于进一步观察与研究。

据调查访问,广东、海南沿海在四、五十年代海龟上岸产卵是很常见的,但现在由于环境的破坏,仅偶然有海龟被看见上岸产卵了,其中较多有海龟上岸产卵的有西沙群岛的七连屿和广东惠东的港口海龟湾。南

作者简介:王亚民,男,29岁,水产工程师,1985年毕业于山东海洋学院水产系,主要从事水产资源的增殖与养殖,获北京市技术推广三等奖1项。

表1 1959—1988年南海海龟捕获量* (单位:t)
Tab.1 Numbers of sea turtle caught in 1959—1988

年份	收购量	渔民自销 或食用量	产量合计
1959	144.5	43.4	187.9
1960	44.8	13.4	58.2
1961	59.6	17.9	77.5
1962	42.7	12.8	55.5
1963	113.5	34.1	147.6
1964	87.3	26.2	113.5
1965	199.9	60.8	260.7
1966	95.8	28.7	124.5
1967	165.3	49.6	214.9
1968	46.8	14.0	60.8
1969	115.5	34.7	150.2
1970	135.1	40.5	175.6
1971	38.8	11.6	50.4
1972	120.5	36.2	156.7
1973	118.4	35.5	153.9
1974	90.8	27.2	118.0
1975	34.6	10.4	45.0
1976	115.6	34.7	150.3
1977	34.0	10.2	44.2
1978	32.0	9.6	41.6
1979	41.0	12.3	53.3
1980	33.0	9.9	42.9
1981	37.0	11.1	48.1
1982	42.5	12.8	55.3
1983	55.0	16.5	71.5
1984	65.0	19.5	84.5
1985	97.0	29.2	126.2
1986	208.4	62.5	270.9
1987	3.0	0.9	3.9
1988	31.4	9.4	40.8
合计	2448.8	735.6	3184.4

南海海龟资源调查与孵化养殖技术研究”研究报告。

注: (1)1959—1977年为西沙水产站历年海龟收购产量1803.5t;

(2)1978—1988年无收购资料,是调查访问的资料;

(3)1986年包括在东沙群岛捕获201.6t;1988年捕获26.0t;

(4)1959—1988年有约734.8t为渔民自行销售或食用。

海海龟增殖站于1985—1989年曾经在这些地方驻点观察,先后保护雌龟上岸产卵达到845头次,产卵442窝,孵化小海龟并放归大海约31009只,标志放流123头(表2)。经过初步的人工孵化研究,认为绿海龟的孵化期大约为两个月,出壳重20—22g左右。经初步试验,绿海龟稚龟的人工养殖的水温条件对其摄食与生存有很大影响,在水温处于15℃时,稚龟停止摄食;14℃时处于休克状态;低于9℃时死亡;水温32℃时很不适应,若持续时间超过6小时,休克死亡。稚龟可以通过投喂人工饵

料进行饲养,日龄30—60的海龟日增重可达3—4g左右,日龄120—180的海龟日增重可达5—6g左右。

表2 西沙群岛七连屿、惠东县港口海龟资源情况*
Tab.2 Sea turtle resource in the area of Xisha Islands

	上岸雌龟 (头)	产卵窝 (个)	孵出稚龟 (只)	大海龟标 志放流 (头)
西沙群岛				
七连屿				
1987	329	148	6064	53
1989	98	26	736	29
合计	427	174	6800	82
惠东县港口 海龟保护区				
1985	87	47	3933	
1986	122	78	7490	
1987	138	83	8643	20
1988	43	38	3829	15
1989	28	22	1314	6
合计	418	268	25209	41

*同表1。

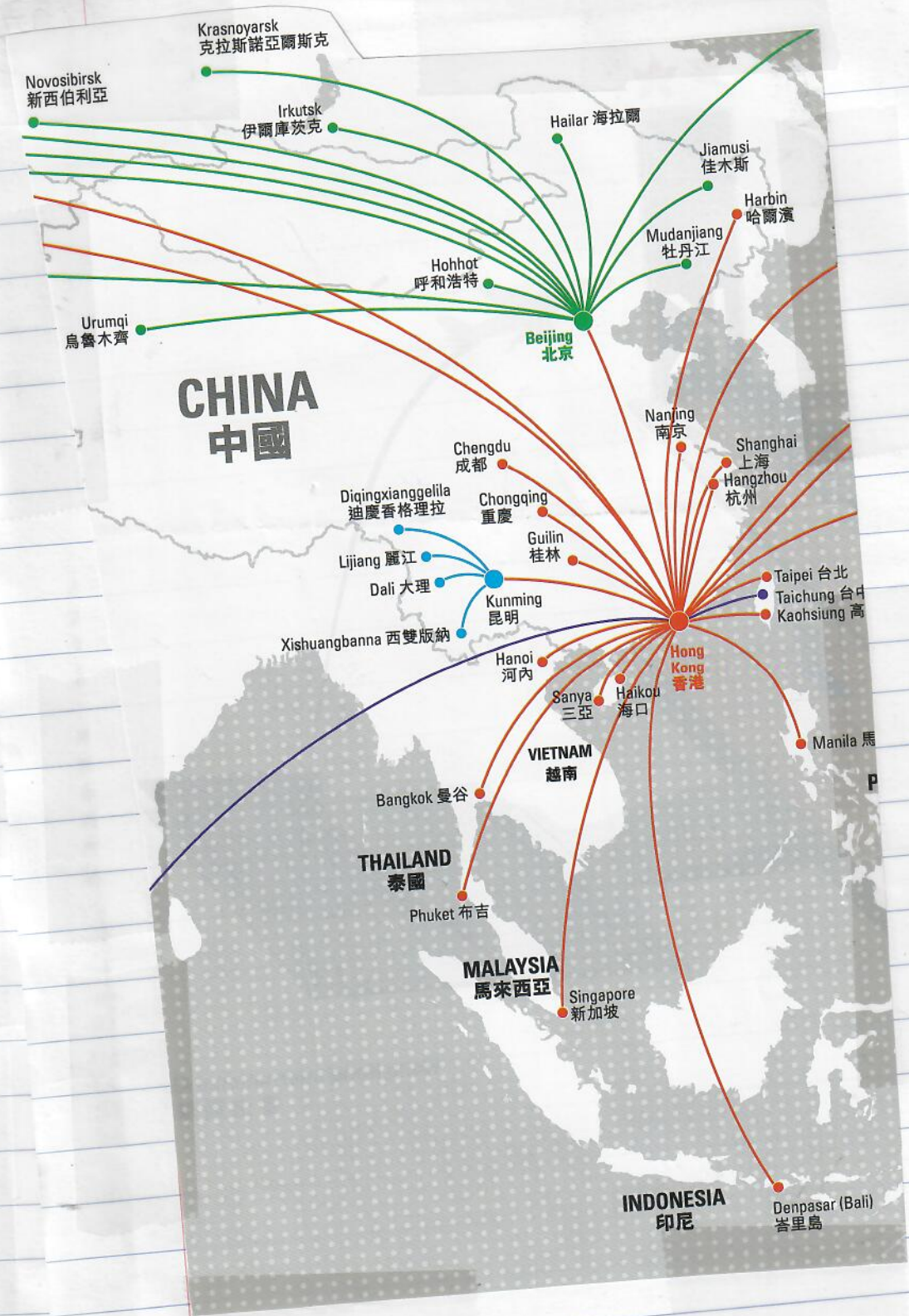
当前,我国海龟的资源保护虽然开展了一点,但远远还不够,近年来随着广东、海南的开发和自然资源的利用,以及海滨旅游、交通的发展,码头及其它基础设施的兴建,这个矛盾就更加突出。广东省对于西沙七连屿和海龟湾的海龟产卵场均进行保护,并批准“惠东县港口海龟自然保护区”为省级自然保护区,虽然对少数产卵海龟有一定的保护作用,但随着捕捞机械的现代化,就不可避免的对海洋中的海龟造成伤害,因而仍然有大量的工作有待于去做。国际上对我国的保护工作也非常注意,国际自然和资源同盟于1989年2月曾经向我国农业部渔政渔港监督管理局和广东省水产局南海海龟资源保护站和渔政处颁奖,以鼓励这些单位开展保护海龟资源的工作。

今后,应更加加强海龟资源保护工作,深入宣传,并完善有关的法制、法规,常抓不懈。同时,开展海龟的人工繁殖与养殖研究,以补充海龟的资源量,把自然保护区变成研究海龟的基地,面向世界,吸引国际上的专家与资金来从事海龟的保护与研究,争取使人工养殖能达到生产化。

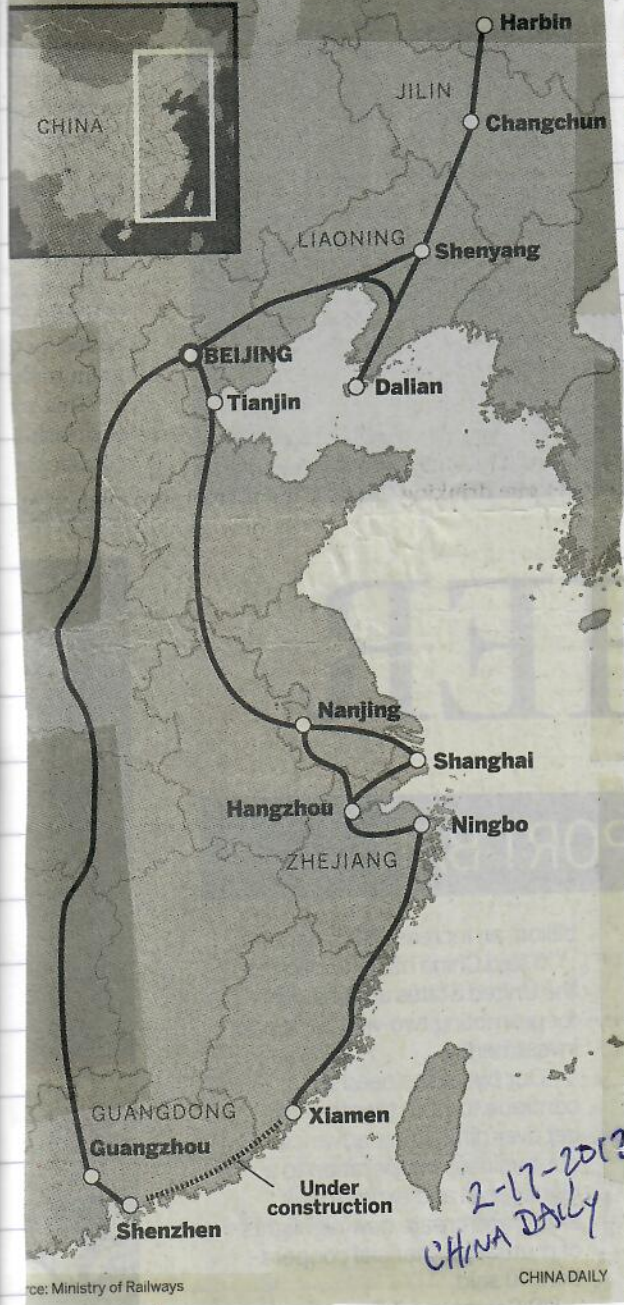
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Building links



CARGO CULT

It would be necessary to wait until the 30s for the emergence of a local religion, the "Jon Frum" or "John Froom" Movement for the influence of the missionaries to decline. Epidemics, brought by the white man, raged in the island and today Jon Frum is attributed with the healing of Tanna.

Legend has it that this mysterious person, who arrived by sea, announced the end of the epidemics and everyone's return to good health. But this on one condition, that all the Europeans must leave the island. However, when some years later the American troops landed at Efate and Santo, people from Tanna, who were working with them, discovered an extraordinary wealth of goods, generously distributed to the locals, who noticed the presence of other blacks, American ambulance drivers wearing the Red Cross badge on their sleeve, who soothed their pain and even cured all who approached them, according to hearsay.

It was no longer possible to have any doubts: Jon Frum came from the USA. That was the most plausible explanation: "John from (frum) USA". After the Second World War, red crosses "flourished" at the entrance to villages all over Tanna, such as Port Resolution, identifying themselves as "Jon Frum villages". It was then that the "Cargo Cult" definitely took form. One day a cargo ship, laden with all sorts of material riches, arrived at Tanna, not only providing an abundance of wealth, but also, and most importantly, good health, causing them to forget the trials and epidemics brought by the whites. Even today, this cult is still celebrated in the "John Froom" villages every Friday evening, with a lively and highly colourful ceremony. The most important celebration is held every 15th February: troops line up, armed with sticks in the place of guns and parade behind their flag on which is written the letters "USA" !

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