

GEORGE BALAZS 2004
(808) 286-2899



JAPAN TOO

APRIL 16-26, 2004 PNPA - No. 3

JULY 29 - AUGUST 7, 2004 - KAGOSHIMA/MUROTO

* TAIWAN POUND NET *

AUGUST 14-15, 2004 MEET AT PNPA

"RETURN TO HIWASA"

AUGUST 88



AUGUST 04

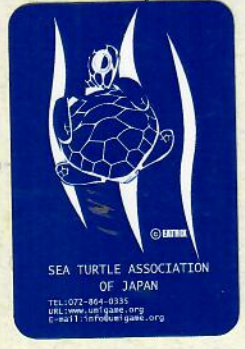
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NAGOYA SATELLITE TAGGING APRIL 16-26 2004 (Third TRIP)
DATA PAGES P. 55 NARRATIVE: P. 9 N=13 C.c.
N=2 C.m.

"JAPAN AGAIN"
MAJOR MOVEMENTS P. 3
~~SHIN-OSAKA WASHINGTON PLAZA HOTEL~~
TEL. 81(0)6 63038111
FAX 81(0)6 63027007

JULY 29 - 7 AUGUST 2004
Thursday NARRATIVE PAGE 23-44. → TO TAIPEI

14 AUGUST 04 TAIPEI → OSAKA
P.



JAPAN AGAIN

Dr. Naoki Kamezaki

Director, Sea Turtle Association of Japan
Department of Ecosystem Studies, The University of Tokyo

Nagaomotomachi 5-17-18-302, Hirakata
Osaka 573-0163, Japan
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E-MAIL: JCG03011@nifty.ne.jp
http://www.umigame.org

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General Manager
Cell 81(0)98480-8413
朽見 健一郎
Kuchimi Kenichirou

特定非営利活動法人日本ウミガメ協議会
Sea Turtle Association of Japan

〒573-0163 大阪府枚方市長尾元町5-17-18-302
TEL (072-864-0335) FAX (072-864-0535)
<http://www.umigame.org> e-mail kuchimi@umigame.org

ASANOJI KURITA (NAGOYA)
Home PHONE - 836-5615

NAOKI KAMEZAKI Cell -
81 (0) 90 893 81 353

FAX 81 (0) 7 2864-0535

Cheng Work 886-2-246 22192 (EX 5303)
>830 pm home = 27350595

2

Need-
TAPE IN PICTURES FROM TRIP

MR. KOBAYASHI

202 Rezidensu-kouei, 4-13-1 Kouei, Minato-ku, Nagoya 455-0015 Ja
Kiyoshige Kobayashi

Take Hankyu Line, go to Toyonaka by
TAKARAZUKA L. Express
South Exit

6.5

AUGUST 04 SATELLITE TAGS =

PTT
" "

ST 24 TELONICS ID = 535722

" " " ID 535725

DR. TAKESHI YASUMOTO - Lyngby

ARGOS 50137

ARGOS 50139

TO KAMEZAKI
8-6-04
NAGAO OFFICE

i-uchida@NAGOYAMINATOR.ORG.JP

Uchida home 81-52-876-4392

MORI KAMEZAKI CELL
81 52 876 4392
81 52 876 4392
81 52 876 4392

MAJOR MOVEMENTS/ACTIVITIES 24 July Thursday 2004

30 July 04 ARRIVE KANSAI ^{TRAIN 2,470¥} WASHINGTON PLAZA HOTEL - SKIN OSAKA ^{LATE LATE CHECK OUT 1,000¥}

1 AUGUST ITAMI OSAKA AIRPORT ^{JAC} → KAGOSHIMA → FUKIAGE BEACH
 11,318¥ HOTEL TAXI TO MEETING 1,120¥

2 AUGUST KAGOSHIMA PREFECTURE MEETING ^{HYDROFOIL BOAT} YAKUSHIMA ISLANDS
 BEACH - FUKIAGE MATCHZINGS
 HOTEL - IWASAKI HOTEL XAVIER 450

YAKUSHIMA OFFICIALS MEETING
 KAZUYOSHI OMTA (YAKUSHIMA SEA TURTLE CENTER - SINCE 1985)
 KAKUSHIMA HOTEL - 9,430¥

3 AUGUST YAKUSHIMA AIRPORT ^{JAC VIA} → KAGOSHIMA, TAKAMATSU
 TUESDAY

TAKAMATSU ^{RENTAL CAR 22,050¥} HIWASA
 HOTEL - WHITE LIGHTHOUSE HOTEL 10,900¥

BEACH - OHAMA MR. YASUO KONDOH ^{Meeting with}
 CHOLONIAN MUSEUM - FIRST SEA TURTLE RESEARCHER OF JAPAN 1930

Hiwasa City Meeting

4 AUGUST Wednesday HIWASA ^{RENTAL CAR} MUROTO (JOINED BY TORU YOKOTA)
 FISHING Co. MEET - MR. TOYOKI HOSOKAWA POND NET TRAP NET
 STUDENT FUTOSHI IWANOTO - EXAMINE FP C.m.

HOTEL - 9,555¥
 MEETING - FULL MOON 2,975¥

5 AUGUST Thursday MUROTO ^{RENTAL CAR + GASOLINE 2,975¥} TOKUSHIMA (VIA HIWASA)
 TOKUSHIMA ^{REPORTER SHIP} OSAKA (5PM) Washington Plaza Hotel

6 AUGUST Friday WASHINGTON PLAZA ^{TRAIN 1,200¥ RT} NAGAO Sea Turtle Association of JAPAN - MEETING

7 AUGUST Saturday WASHINGTON PLAZA ^{TRAIN 2,470¥} KANSAI AIRPORT NW69 FOR TAIPEI
 (TO PAGE 7)

July/August 2004 Post-Trip needs List
 - Turtle Baggage tags - NAOKI + FIRE TO TURTLE HOUSE
 - Thierry work Manual - Japan Nori translation - to NAOKI

- Chelonibia from MUROTO FOR ZARDUS
- Institutional exchange permit - Dutton
- Clean file cabinets to locate forgotten things & sort/throw out FFS Recovery BEING slide show
- GO TO OGASAWARA; Digital camera Kagoshima project; Futoshi - ie Japan
- Contrast/compare w/ Mow Repos YAKUSHIMA; Korea By Otch visit/college
- Challenge staff - "new & better ways to do things"
- Rental phone PAID BY VISA?? PAY ONLY FOR CALL I MADE. NHK?
- JAPAN 1988 Book with HIWASA NARRATIVE + pictures + Video
- "In the shadow of Mount Fuji" Video.
- STS of J - founded? Next meeting date/place?
- "Current Status of loggerhead turtle" KAMEZAKI; Kowdott Book
- Email Address ANNA ISHII;
- Karen Bjondal - recall KAMEZAKI AT HIWASA meeting?; see picture of group.
- Dense diet paper TO NAOKI, Yoshi etc.
- Bring "90" epoxy with you TO Hawaii - "Coil" ALSO - Futoshi?
- date of Annual Meeting? (November?) and place?
- Chelonibia in alcohol - draw and seal before packing.
- NEXT STAJ Meeting 12-14 NOV 04 TSUYAZAKI FUKUOKA

(CONTINUED)

MAJOR MOVEMENTS AUGUST 14-15, 2004

AUGUST 14, 2004
SATURDAY

KANSAI OSAKA AIRPORT $\xrightarrow[2,470\text{¥}]{\text{HARUKA TRAIN}}$ WASHINGTON PLAZA HOTEL
 OSAKA STATION $\xrightarrow[5,670\text{¥}]{\text{SHINKANSEN TRAIN}}$ NAGOYA STATION
 NAGOYA STATION $\xrightarrow[260\text{¥}]{\text{SUBWAY}}$ NAGOYA AQUARIUM
 NAGOYA AQUARIUM MEETING WITH STAFF RESEARCHERS
 NAGOYA AQUARIUM $\xrightarrow[260\text{¥}]{\text{SUBWAY}}$ NAGOYA STATION
 NAGOYA STATION $\xrightarrow[5,670\text{¥}]{\text{SHINKANSEN TRAIN}}$ OSAKA STATION

AUGUST 15, 2004

SUNDAY

OSAKA WASHINGTON PLAZA HOTEL $\xrightarrow[2,470\text{¥}]{\text{HARUKA TRAIN}}$ KANSAI OSAKA AIRPORT
 8/14 8,100¥ + 3,000¥ late
 check out 3pm for 8/15

KANSAI
 6:30pm $\xrightarrow[\text{FL 832}]{\text{UNITED}}$

HONOLULU
 8/15 Same Day
 7AM.

(37)
 B...
 MA... Workshops (3)
 Rice (home) 885-

APRIL 16, 04

行先 Baggage Tag For

ハービス大阪
HERBIS OSAKA

新阪急ホテル
HOTEL NEW HANKYU

大阪ヒルトン
OSAKA HILTON

東洋ホテル
TOYO HOTEL

大阪全日空ホテル
ANA HOTEL OSAKA

ウエスティンホテル大阪
WESTIN HOTEL OSAKA

ホテル阪急インターナショナル
HOTEL HANKYU INTERNATIONAL

(中之島) リーガロイヤルホテル
RIHGA ROYAL HOTEL

KANSAI AIRPORT
LIMOUSINE BUS

関西国際空港リムジンバス
等運営協議会

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4/16/04 Friday Depart
3016UA-471792 Honolulu

OSAKA/KANSAI INTERNA
KIX 833

4/17 1100¥
8100¥
4/18

ROOM 808

4/17 DINNER
新和風創作料理
精進庵

ゆったりくつろげる個室はじめ、
テーブル席やバーコーナーなど全100席

午前11時30分～午後3時
(ラストオーダー2時30分)

午後5時～午後11時
(ラストオーダー10時)



over

毎週月・火は、お客様感謝DAY
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NAGOYA 3rd Release

APRIL 16, 2004
Friday

Depart 9 AM UA Flight 833 for Kansai Osaka
8 1/2 hour flight, upgraded to Business class - Boeing 777
Seat 8H Aisle. Sat next to Warren

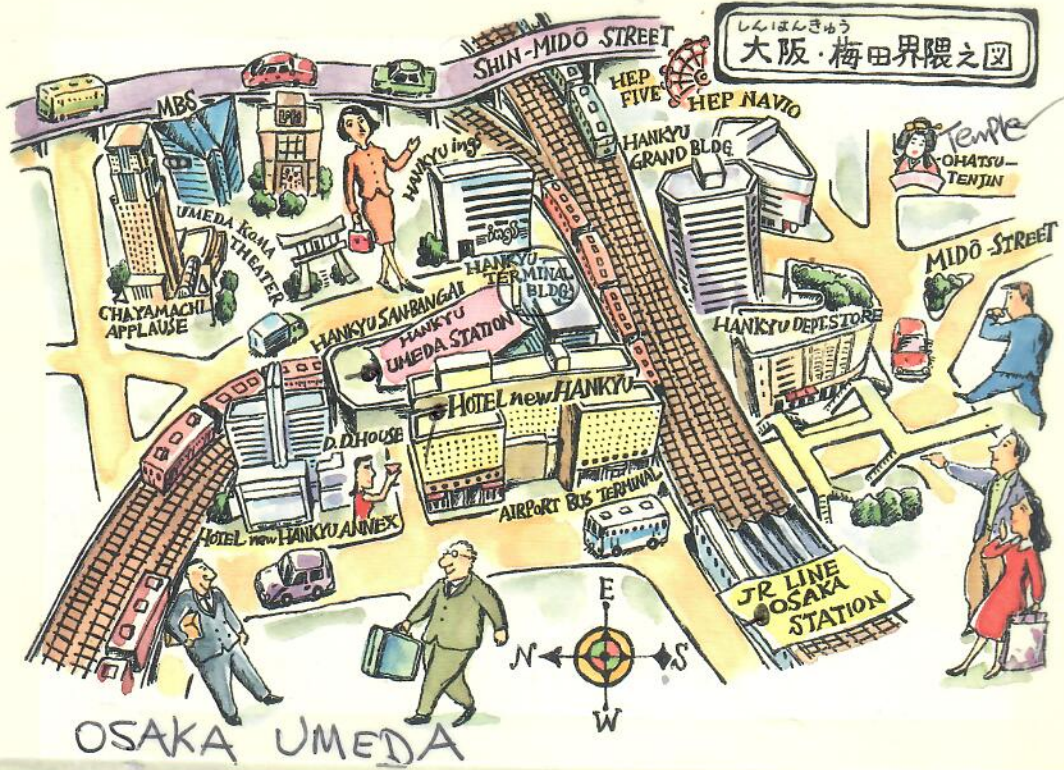
Warren of Oceanit, one of Pat Murphy's
first employees - on his way to NEPAL for
Sheppa Mountain climbing for 3 weeks, we
talked about John Craven - need to see his
books) are about him, one by him, Red challenges
Margarese Nodules, (seam?), Glowa explores
Tony Hodges life of Lord. Good for HSB
"What ever happened to?"

4/17/04 Arrive Kansai 11:00 pm (5 hours blind Hawaii).

Saturday Airport Limousine Bus ¥1300 departed
2:05 pm - 50 min - first stop Hotel New Otani
Nice sunny day.
Check in Room 9089 = ¥ with
buffet

4/18/04 8 AM Breakfast Olympia Restaurant
Sunday Buffett - excellent! - ¥1900 but
was covered with room cost. ^{but} separated on hotel bill
2004

Calls to Milani 614 1918055 & his cell
Re: Modelling nesting density & nesting
destroyed - EASTO & TEEN (Remnant being
Bustard & Tongetti Science PAPER), (2) Getting together
May ^{care} workshops (3) Person Duttan has hired
Rice (home) 885-4965



NAGOYA - 3 RELEASE

4/19/04
Monday

LIGHT RAIN - Scaped out area - Harburo area
et. most stores open 9 or 10 AM. Departed ~ 11:00 AM
Red line Subway 4 stations South to NAMBA,
to Kintetsu Line train 12 noon departure
to Nagoya Station ^{hours} 205 minutes. Switch to
Yellow then purple line Subway to NAGOYA GO
AT Hotel Harbor Lodge ~ 3:15 PM - RAIN
overcast. Room 317 ^{Private} BATH 4,800 night

- Need - Sizes of cloth ^{fiberglass} samples into note book
5 PM dinner at CAT'S Garden ^{Jetty - TOMATO & Cheese PIZZA}
else open (!) everything closed on Monday's.

4/19/04
Monday

M. Rice Arrived hotel arrive 7 PM Picked
up Airport by MASANOEI KURITA
Stamps in Rooming. Light RAIN.

4/20/04
Tuesday

up - 6:30 AM lots of overcast
TO SAKAE on Subway 500¥ credy pass.
Breakfast at McDonald's

DAY 1

TO Aquarium ~ 9:30 AM. Met w/ Uchida
met new secretary Sachiko OYA
Proceeded to attach all supplies.
then 3 - SPOT 3's,
then 3 - ST24's
then 3 - ST24's
1 - ST19
10 TOTAL

Rice & GB dinner at KANAYAMA
"KASHMIR" restaurant - "CITY NALAH"

4/21/04 730am
Wednesday Breakfast at Subway entrance coffee shop.

Day 2 / TO Aquarium 9am. Took out large Vancouver turtles (3) - attached 2 - SDR's & 1 ST18
Took a long time due to News media and large size.

Brief lunch at McDonalds.
PM Proceeded to attach 1-ST24 & 1-ST19 to two Kume Island green turtles.

15 turtles completed
13 logger
2 greens

Meet ~ 5pm with Uchida & staff. Planning for ship departure, release, and return to Nagoya Friday night. Naming of turtles.

~ 7pm 7 of us to nearby local restaurant bar - MASA Yoi, Kobayashi, Yoko, Mase, me, Hitoshi & Tomo. ~ 240,000 ¥
Many dishes - green snail (green inside ♀, yellow inside = male), stingray dried, tripe, chicken Sashimi etc. A late night.

4/22/04 TO Aquarium ~ 930am - watched
Day 3 vet draw blood for DNA and
Thursday put fluids into 3 Vancouver & 2 greens.
Lunch with Uchida 1130am in
w/100 employees ACIBADA Restaurant.

1230pm told that #10 died ~ 11am.
This was the turtle that seemed floating high in stomp 4/21 yesterday and I'd pointed it out to Al Story.
Turtles hadn't been fed since Monday.
#10 fed and then seemed ok. submerged transmitter ST24 cut off. -

Miyo
TAKAKASHI
"ISHIKAWA"
Sendai

APRIL 22, 2004
Thursday



4/22/04 Replacement ^{Loggerhead} turtle obtained,
 Thursday TO hotel TO PAK. 2pm ride to
 KITAKAMI at dock. Cabin 121. Proceeded to
 mix resin on aft deck to fill in "AIR SCOOP" gas
 in cloth on top of transmitter in several.
 Also - attached ST24 to new loggerhead to
 replace one that died.

NOTE: with advent of smaller transmitters
 it is now possible to "double-up" a sea
 means to gauge survival of transmitter, or survival
 of turtle.

Complete new attachment about 5PM. All
 turtle in Stateroom - sprayed with water or
 in shallow water in trays.

Dinner ~ 730pm, Ship pulled out
 8pm. PARTY included Hitoshi, ^{NAGATA} MASANOBU, ^{KUWA} KUNIA,
 Uchida, KUEIA, Aice, BARRIS, ^{Press in the front} AQUARON.

14

- Need
- ① Uchida - Camera (TV TOKYO TAKE)
 - ② Five?
 - ③ Probability results Doc.
 - ④ DNA blood



Needed ① "ONKITAKANI"
 Singers sing to turtles.
 ② Sake on turtles.

4/22/04 Calm following seas.
 Thursday 9pm Saw Soprano entertainment singers
 + organ + piano player.

4/23/04 UP ~ 6:15 AM
 Friday Turtles on deck ~ 9 AM.
 6 Magnets taken off 6:45 AM + 3 SPOT 3 1/2
 started by magnet pass at 6:45 am (10 Bl)

"Bitter end of rope"

15 Released

15

4/23/04

745 - 805 AM

Friday #

asket

1
2
3

13
14
12

"Kittakami"

"Ishikari"

"ST18 K150" BELLY of when Lowered down

	NO. TURTLES	
4	- 4	Caretta
5	- 2	Caretta
6	- 3	SPOTB's
7	- 2	green's

see p. 54 data.

Many digital + print photos. Also MINI DV chip video by MAC Rice - good shot scenes of turtles hitting the water.

Breakfast.

Siggen + piano play in lobby. 130pm
75 MIN feature by Uchida

Ship arrived Sendai 5pm. cold out.
Reported snow on Hokkaido.

Waited at local bus stop ~ 30min - to local train station. TO Sendai Station.
Bullet Train to Tokyo Station. bought Bento lunch, fairly, Spkg to eat on way.
Uchida shared egg, boiled - Mtst - "Sea Pineapple" = Sea Squirts Dried, NOZUMI
320 km/hr TO Nagoya Station. Trip to KANAYAMA - Then Meijo Subway to Nagoya-ko.
Arrived at Hotel ~ 11PM.

total cost \$19000

4/24 SATURDAY UP

~ 8am - MAC and me to Mactanall tower (20min walk) Tsuchi-guchi station

SAINT ETOILE

Bakery Bakery at Sendai

本酒は加齢によってから、 老酒となつていく。	無農薬有機米 自然水仕込み		特別純米酒 精米率 60%以下 飲み方 冷や、または人肌 酒社名 山和酒造株式会社 買 渡 瀬野幸口製	
日本酒 (有機農産物加工酒類) アルコール分15.0度以上 16.0度未満 原材料名 米・米こうじ 300ml		ワシガクニ	4 993017 090514	

Sake on bullet
 train
 from
 Sendai
 to Tokyo
 4/23/04
 Friday night

宮城県加美郡中新田町字南町109の1 株式会社 山和酒造店謹醸 製造年月



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4/24/04 NAGOYA - Rice & Bajans Sched 3 17
 Saturday no breakfast served at McDonalds, fish sandwiches
 to Aquarium - checked email - met w/ ~~whisper~~
 + hirino. Kibayashi had taken 2 greens
 to sea (fishing boat?) and released, Dptd.
 Photo in Aquarium of logwood
 Saw ~ 90 young loggers being
 reared in Arah fields
 took TAXI 3000¥ to Nagoya Station
 ~ 12:30pm KINTETSU Train line. Depart
 for Namba Osaka 1pm - arrive 3:02pm. Subway
 to Umeda Station - Check-in Hotel New Otani
 Room 9082.

Evening
 "New Sea Story" w/ ^{sea} Pachiko Machine #62!
 ~ 19,000¥ payoff - Steel Balls for Receipt; receipt for
 "Symbol" gift(?) - Gifts out back for Yen.



4/26/04 Depart Flight ^{VA} 832 6:30pm for Honolulu
 Monday

How much
Dec 10-17

2

To feel TW-1A

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Flight 833 - 10/10/10





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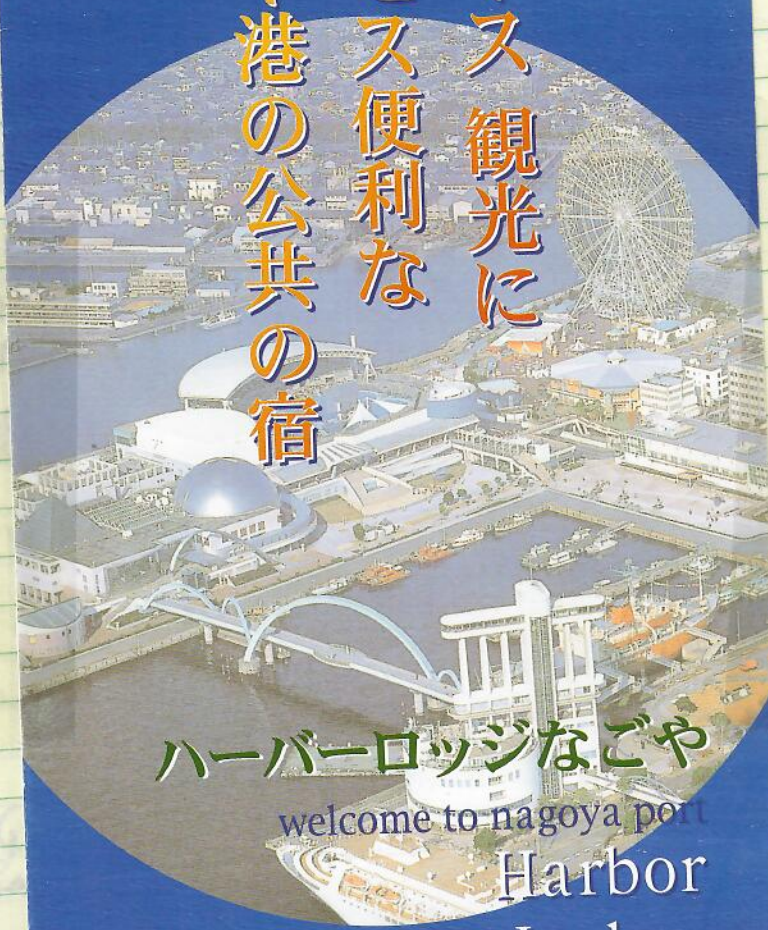
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 (ラストオーダー21:30)

4/24/04



ビジネス観光に
アクセス便利な
ナゴヤ港の公共の宿



ハーバーロッジなごや

welcome to nagoya port

Harbor
Lodge
Nagoya

<http://www.aa.alpha-net.ne.jp/ngosenin/>

NAGOYA

APRIL 2004 TRIP

Date: Thu, 15 Apr 2004 15:26:19 +0900
 From: Itaru UCHIDA <i-uchida@nagoyaminato.or.jp>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>

[The following text is in the "iso-2022-jp" character set.]
 [Your display is set for the "US-ASCII" character set.]
 [Some characters may be displayed incorrectly.]

Reduce

Dear Dr. Balazs,

We received another FedEx parcel (radio trackers are in the box) on April 13, 2004, Tuesday. Thank you so much for your great help.

This time we would like to let you know the cost, which you need to pay. The cost shown below is a rough estimate. It could be more expensive, and it would depend on situations.

[One person each.]

*Accommodation fee

1 night ? 4,800 yen (not including meals) at Harbor Lodge near Port of Nagoya Public Aquarium

We booked the accommodation until April 25, 2004 (check out before 12.00 on April 25). This means 6 nights have been already booked. However, this will depend on weather conditions. The length of your stay can be shorter, if weather is fine.

*Boat fare

5,200 yen (per cruise)

Plus meal (Dinner buffet: 1,800 yen/Morning buffet: 1,100 yen/Lunch buffet: 900 yen) etc.

*Transportation

!& From Taga-jyo (near Sendai port) to Nagoya: 19,700 yen (utilizing bullet

train and other trains together. There are a few transfers.) It would take approximately 4.5 hours

!& Taxi fare: This could be split with other passengers on a taxi. (For example, from Nagoya station to Harbor Lodge)

!& Other transportation, which you may use.

*Others

Any expenses you might use for your own purpose.

Now it has been around 20-24^{°C} during the day, and 10-13^{°C} in the morning

and the evening. When it rains, you may feel much cooler. It would be better to carry a light jacket to adjust your temperature.

Thank you so much for your cooperation. We are looking forward to seeing you next week!

Notes about trips like this:

- Note-taking time necessary
- Rest time between legs needed
- Preparation and "think-tank" time needed

July 29, 04 Depart JA 833 9:25am JA
ARRIVE ARRIVE 1 PM. 1 hour to get through
immigration. Met Families connecting to Okinawa -
military.

July 30, 04 Friday 248pm Limited Express HARUKA ~ 2300¥
to Shin-Osaka station.
Central Gate 1st floor to Washington Plaza
Hotel. 12,000¥ night No-smoke 16th floor

Room size N2 =
Typhoon Tokushima Prefecture Region - Hawaii included.
From SE came through

JULY 31, 04 up 8am Cell phone JP not getting forwarding messages
SATURDAY Breakfast at McDonald's SHIN-OSAKA station.
Typhoon in areas but only light rain
occasionally overcast sky, moderate winds -
Hot. 33°C humid.

Subway bellstones are like a LAS VEGAS
Slot MACHINES!
JR/Private Electric Trains - Center effect?
Subway & Bullet Trains from electromagnetic fields
High exposure seemingly to Japanese

AUGUST 1, 04 breakfast at Shin-Osaka station -
Sunday videotaping of the area. 28°C 9am

¥490 Bus TO ITAMI OSAKA AIRPORT in Toyonaka Area.
~ 30 minutes arrive ~ 1pm
Met NAOKI & Ken 2pm #923 transfer.
Had coffee and talked for 1 hour.
Depart JAL ~ 3:45pm for Kagoshima.
Met by Koushi & YUKA at airport.
TAKEUCHI

24
8/1/04
Sunday

BACKNOTE

NAME OF
Hiwasa man who had us to his house for dinner ~ 1988[?]

Swam in sea of oil and had new electric computerized toilet

NHK (Koichiro) (Voguchi) 高橋 高太郎
filming video Hiwasa passed away As per Kamezaki

Kagoshima PM
Drove to FUKIAGE BENNETT
TAKA OSAKA
KITAMINGU
TO KAGOSHIMA
need promised DIGITAL CAMERA

SHOCHU = Sweet potato liquor - specialty of KAGOSHIMA

Head of Kagoshima student Association they put on 2 ST145.

Kouhei Tokada tko9933@yahoo.co.jp need

Tuka Takeuchi cococoro20022001@yahoo.co.jp
1/2 French (mother) - FATHER JAPANESE

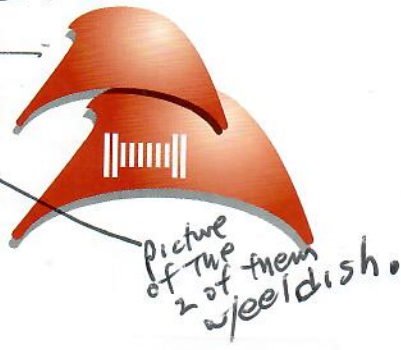
Crossed small IZAKU River - saw sea turtle figures on each side of bridge. AND DRANK BEER ON BENCH

Blend "Solid" on stick = Satsuma - Age
left to right home 2 hrs drive - Family - cows / rice farming.

Michiko Hirayama - j430303.de.ost email need undergrad
Taisuke Inoue @ezweb.no.jp

YUKA TAKEUCHI
KAMEZAKI
Fumie Kira
Koichiro OSAKA
Eriko Matsuzaki

Wazaki Hotel Navier 450
TEL 450



picture of the 2 of french jeeldish.

00-1-04
Dinner pictures
\$12,000
KAGOSHIMA UNIVERSITY STUDENTS

Backnote

Video from Airport "Fuji Ag"

8/1/04 visited Fuji AGE Beach ~ 1 hour drive from airport where students monitor nesting loggerheads many km long - they need ATV. Spectator on beach to watch of typhoon waves. Pictures on beach + video.

Return "IWASAKI Hotel XAVIER 450" Room 504 to Bed from dinner/drink party ~ 11:45 pm

2 Aug 04 up 7:15 am Walker to AND FROB Hotel. Video clips on street out front 8:00 am

Monday Breakfast at Hotel w/ NAOKI 8:30 am need JOHN CUSNICK ewc YAKUSHIMA Meeting - 10-12 years Ago? very hot and humid outside. Trolley track CAS

9 am Meeting - Kagoshima Prefecture gov. 3-officials - need Denise Sat track Loggerhead Review papers Resort tracks by origin of hatch PNPA

Monday Dive Recorders / SAR need ~~data~~ for Naoki by Catch. "KAGOSHIMA 55% of all nesting in Japan" - NAOKI

YAKUSHIMA - most important nesting site in ALL JAPAN Prefecture Gov employs people to do emergence counts. 8 million ¥ paid in past years - now cut 20%. Many sites being monitored. + "Turtle Release Ceremonies" w/ watchings carried out.

Director, Nature Conservation Division
 Kagoshima Prefectural Government
 Kagoshima
 Hisae TOKUMARU
 10-1 Kamoikeshinmachi Kagoshima City
 KAGOSHIMA 890-8577 JAPAN
 tel: (81)99-286-2610 (Direct)
 fax: (81)99-286-5546
 E-mail: tokumaru-hisae@pref.kagoshima.lg.jp

Am
 8/1/04 meeting

Reliability of data maybe not good. Training provided, but...

View observatory from tallest (prefecture) building in Kagoshima - viewed Sakurajima - ACT volcano. No one allowed to top.

see her card p. 28

YAKUSHIMA STAFF person (initially a volunteer)
former student of Yoshi MASAMA

〒701-1211
Echih.
Ichinomiya 126-6
Okayama - City
Yuki Michihiro

initially wanted to be a Dolphin Trainer

E-mail : umigamekan@m7.dion.ne.jp

need Address

YAKUSHIMA - ANNA Ishii - Been to Honolulu Marathon 3 times.

Working YAKUSHIMA for 2 weeks(?) Grandfather recently died - 50 years ago he crashed his airplane YAKUSHIMA - the people took care of him - fed him turtle eggs to get better. She recently found out about this - read notes - so decided to repay by volunteering in the turtle project.

KAGOSHIMA PREFECTURAL GOVERNMENT
ENVIRONMENT AND CITIZENS AFFAIRS DEPARTMENT
NATURE CONSERVATION DIVISION

meeting 8/2/04 AM

Takahiro FUKUNAGA

Section chief

Tallest Building in Kagoshima!

10-1 KAMOIKESHINMATI, KAGOSHIMA CITY
KAGOSHIMA 890-8577, JAPAN
TEL 81-99-286-2615 FAX 81-99-286-5546
E-mail fukunaga@msf.biglobe.ne.jp



鹿児島県

Kagoshima

〒890-8577

F 鹿児島市鴨池新町一〇番一
A 電話
X 〇九九代表二八六一
 〇九九二八六一
E-mail yada-syu@pref.kagoshima.lg.jp

主事 和田修作

8/2/04 AM meet. 09

鹿児島県環境生活部
環境保護課 野生生物係

NOTE - Add pictures to this book

Meeting KAGOSHIMA
8/2/04 AM



鹿児島県

参事

是

枝

哲

郎

鹿児島県環境生活部 環境保護課

〒890-8577

F 鹿児島市鴨池新町一〇番一五
電話ダイヤル 〇九九二八六一五
A X (〇九九二八六一五) 四六
E-mail: suro-koreeda@pref.kagoshima.lg.jp

Send something to display

Non-profit Organization
NPO (Yakushima) Sea Turtle Center (Yakushima Umigame-kan)

Chairman

9/2/04 Sent

Not Patrick Cheng etc.

Kazuyoshi Omuta

Director of Sea Turtle Association of Japan

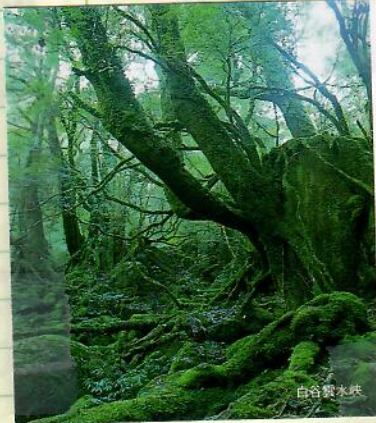
489-8 Nagata Kamiyakuchou Kumagegun Kagoshima
891-4201 **Japan**

Tel & Fax (0997)-49-6550
http://www.umigame-kan.org

OVER

SOBA Noodle Lunch by harbor.
8/2/04 1 PM high speed hydrofoil TO YAKUSHIMA
Monday w/ one stop over island. TOTAL TRIP ~ 3 hours
Met by KAZUYOSHI OUMUTA
STARTED Loggerhead project 1985 YAKUSHIMA.
Wife is from OSAKA.

Should have taken a picture of 3000 year old tree slab in office!



〒891-4292 勤務先
鹿児島県熊毛郡上屋久町宮之浦一五九三
TEL (0997) 42110100 (代表)
FAX (0997) 4211505

課長 榎

鹿児島県上屋久町
商工観光課

光徳
Meeting official
8/2/04 pm



助役

榎とも

〒891-4292
F 鹿児島県熊毛郡上屋久町宮之浦一五九三
A X 電話 (0997) 42110100 (代表)
(0997) 4211505

SLAB of 3000 year old tree (Days)
NO OFFICE
初男

鹿児島県上屋久町

Yakushima
official
Meet 9/2/04

see p. 26-top

Non-Profit Organization Yakushima Sea Turtle Center
(NPO Yakushima Umigame-Kan)

Staff YUKI MICHIHIRO

489-8 Nagata Kamiyaku-cho Kumage-gun Kagoshima 891-4201 Japan
TEL&FAX 0997-49-6550 <http://www.umigame-kan.org>

世界のウミガメシリーズ③

オサガメ (カメ目: オサガメ科)

学名: *Dermochelys coriacea*

英名: Leatherback turtle

熱帯域を繁殖の場とし、温帯域を回避している。
甲羅は黒っぽく1枚の皮膚で覆われ、7本の隆起がある。
体長は180cm位。

食べ物はクラゲや魚類などを食べる。



Yellow 8/2/04

(over)

need

Non-Profit Organization Yakushima Sea Turtle Center
(NPO Yakushima Umigame-Kan)

Staff MIYUKI YAMASHITA

489-8 Nagata Kamiyaku-cho Kumage-gun Kagoshima 891-4201 Japan
TEL&FAX 0997-49-6550 <http://www.umigame-kan.org>

世界のウミガメシリーズ③

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体長は180cm位。

食べ物はクラゲや魚類などを食べる。



Yakushima (over)

need

sub became

8/2/04

屋久島までの交通手段、島内所要時間



"Whirlwind
trip"

YAKUSHIMA ISLAND

and Hwasa

Aug 2, 04 After being picked up by Kazuyoshi we went to
Monday Yakushima native office. As at Kagoshima
office, lots of desks together in a large room then
a private office on one side for high officials.
Slab of cedar tree in corner - said to be
3000 year old tree (by ring count?). No trees
at lower elevations to see - all up in the
high interior.

NAME OF TREE =

From discussions it would appear that
KAZUYOSHI OMOTA (Yakushima Sea Turtle Center) is
the only person doing research/wintering of turtles.
Greens & loggerheads (mainly) on 2 main beaches.
Started 1985. Put 11mm pit tags in hatchling
(50?) ~ 1998. Tags adults with
one size 49 MOWED FF, one plastic Roto tag
other FF. Staff said 'size 49 pops open,
plastic wears away (stamping?)'.
Embassment

8/2 pm Drive to rental car company - Naoki
rental (~1200¥ day) Lite Bora Bora sat in trees
Naoki and I drove to Sea Turtle Center Chain
~ 30-40 min. Took video out front window.
Arrived at Sea Turtle Center ~ 5 pm. Staff
and volunteers all friendly, eager, talkative, enthusiastic.
"Museum" setting. Several hatching loggerheads in
seawater bucket. Video & stills taken. Talked.

~ 6 pm proceeded into Japanese style hotel about
15-20 min drive further along on road. Stayed a
room with Naoki. Dinner at Hotel - Japanese style.

At about 9 pm we drove back to Sea Turtle
Center, walked to beach and watched DEP nest excavations.
One turtle nested last night, two the night before -
none the night before that. Metal detector used
with "COILS". Naoki Samba dives - has dove Yakushima.

Met
& Post-
Medical
Studying
Evans
Medicine

TAKAMATSU CITY

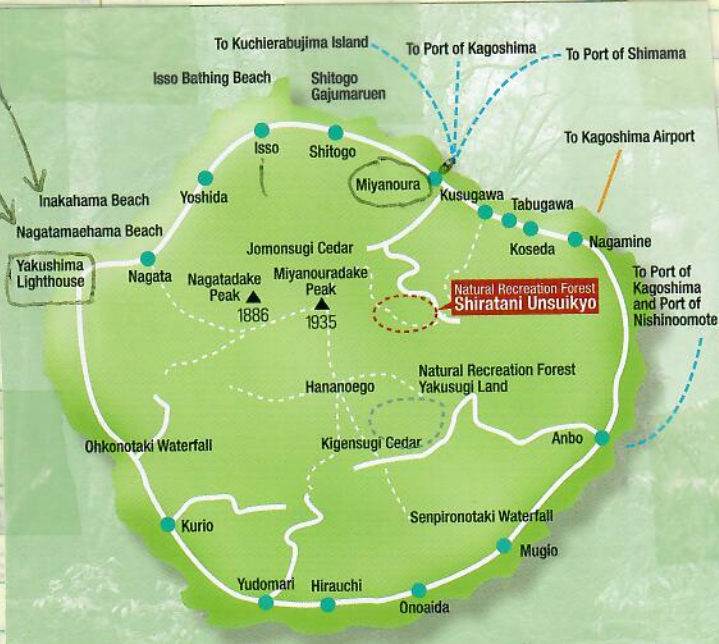
日産レンタカー Rental car NISSAN
日産レンタカー
 高松空港営業所
 ご予約電話番号 **ハローニッサン**
(087) 879-8623
 〒761-1402 "Nissan Rental Car"
 香川郡香南町大字由佐字赤坂2477-5

Nissan car rental
 AT TAKAMATSU
 (TAKAKA)
 Takaka
 Aoki, Last Name



8/8 601

Sea Turtle Center



NAME OF BEACH
 VISITED 8/2-8/3/04
 ON YAKUSHIMA =
 INAKAHAMA BEACH
 IS SMALLER BEACH NEAR
 NAGATAMAEHAMA
 BEACH

INQUIRIES

- **Yakushima Forest Environment Conservation Center, Forestry Agency**
 1577-1 Miyonoura, Kamiyaku-cho, Kumage County, Kagoshima Phone: 0997-42-0331 Fax: 0997-42-0333
- **Daishizen Midorinokai (Kamiyaku Town Office)**
 1593 Miyonoura, Kamiyaku-cho, Kumage County, Kagoshima Phone: 0997-42-0100
- **Yakushima Tourist Information Association**
 310-1 Kosedo, Kamiyaku-cho, Kumage County, Kagoshima Phone: 0997-49-4010 Fax: 0997-49-4011

Traveling by ship

- **Jet Foil (Express Boat) "Topy"**
 Phone: 099-223-4251 or 0997-42-0034
- **Ferry Yakushima 2**
 Phone: 099-226-0731 or 0997-42-0008
- **Ferry Taiyo**
 Phone: 0997-42-0100

Traveling by air

- **Yakushima Airport Terminal**
 Phone: 0997-42-1200

"The world is full of nice people"

8/2/04 Saw roped-off upper beach area - Yoshi's project
Tuesday People on during the day are mainly in intertidal sand ~~for~~ not nest deposit area. Note no one used flashes, in contrast to Max Lepos. Talked at length with Yuki Michiharu on beach. Big lightning seen. Walking back we saw hatchlings crawling to the sea. ^{DRIVE} ~~Back~~ to hotel about midnight. No STARS or Moon seen ^{HEAVY} overcast

8/3/04 up 7am. Breakfast at Hotel 7:30 am. Depart ~~wednesday~~ ^{DRIVE} ~~Back~~ to beach - several quick pictures ~~at 8 AM.~~

Tuesday Drove to YAKUSHIMA AIRPORT Arrive ~ 9am
Depart ~ 9:45 "JAPAN AIR COMMUTER" (JAC) ^{7:45} for KAGOSHIMA. ~ 1 hour layover KAGOSHIMA airport - JAC (even smaller) twin prop for TAKAMATSU Airport (Kochi prefecture). Rental Car Nissan (new) 48 hours for ¥22,000 gas not included. PANASONIC GPS "KXGT60 portable NAVIGATION SYSTEM" - female voice - Naoki & I had fun "talking to it". Some new roads we went on were not in her software!

START HIWASA 8-3-04

Noodle lunch on outskirts of TAKAMATSU. Pound pound by chief/owner Seep. 122. Drove to Hiwasa via TOKUSHIMA (passed entrance to airport where in 8/88 I first ever visited Japan (via Narita). Arrive Hiwasa Chelonian Museum ~ 4pm. Met staff and warmly greeted by YASUO KENDOH - Japan's first sea turtle researcher. Toured Chelonian Museum - was it at this same location at beach front in 1988? Memories fade... so it must have been. Saw and photoed by ^{Naoki} sea turtle huge picture.

Naoki is an excellent photographer! note background waves altered from original! visited City Hall. MAYBE ^{interviewed 7-31} typhoon fell off roof.

Drove to lighthouse hotel on cliffs. Memories of things that were and dreams fulfilled, and ^{those} yet to be realized. Hotel has been renovated somewhat since 1988. Rooms look good - new electronic toilets installed.

*Kind
friendly
helpful
lively*

*8/2/04 5:15 PM
PLEASE DO YOUR BEST TO HELP THE SEA TURTLES!!*

Mr. Yasuo KONDOH

Director of
JAPAN sea turtle conference

〒774-0014
29-3 Nakanishi Gakubara AKAW
TOKUSHIMA-KEN
JAPAN

over

*read sent
Patrick
book*

*Book
Need
sent*

*8/3/04
Sea food dinner -
photos
HIWASA Fujisan*

TAKASHI FUJII

HIWASA NEIGHBORHOOD MUSEUM
DIRECTOR

OKUGAWAUCHI, INOKAMI 69-4
HIWASA-CHO, TOKUSHIMA,
〒779-2305
JAPAN

PHONE (0884) 77-1199
F A X (0884) 77-1199

over

■日和佐までの交通のご案内



ようこそ阿波の竜宮城へ



うみがめの来る町ひわさ

日和佐うみがめ博物館“カレッタ”

(環境基本条例制定のまじ)
環境にやさしい再生紙使用

8/3/04
館長 竹原啓治

〒779-2304
徳島県海部郡日和佐町大浜海岸
TEL-FAX (0884)77-1110

日和佐町の最新情報はこちら▶▶▶ <http://www.town.hiwasa.tokushima.jp>

over

~~Wednesday~~

HIWASA

NAMES OF TYPHOONS?
7/31 = 8/4 =

8/3/04 Sand looks to be badly eroded away - said to be from recent typhoons. 10 nests on beach - 15 in hatchery at Chelonian Museum - other 5 washed away.

Nooki laid out ^{seems} like turtles here just once only. I responded - perhaps by catch killed at first lay? Dinner at restaurant in the shape of a boat - hosted by FUJII TAKASHI - pictures, seafood cooked on gas stove at table. Video at every opportunity - still digital pictures also.

Wednesday UP 7 AM - some rain during the night - 8-4-04 another typhoon said to be coming. ^{breakfast} at hotel.

~~Thursday~~ Nooki meet with TOBU (reporter that come from Tokyo). I walked the beach - video/stills. Saw surfers walk out a short way - then turn around due to rough water. Saw sea turtle in front of toilets on walk-way of beach.

need JBA - NAKAKOGA - still alive. Small pieces from Stockpile. RABC hawkshills - OKINAWA - 200 years

Spent time in Chelonian Museum - then out back where large turtles and immatures kept - greens and loggerheads - why not put in an artificial beach? Saw feeding frozen fish. Nooki examined odd nest in hatchery. Photos by stone memorial - Names are on the back side - very close to wall of Museum so you can't really see them in narrow space. Photo taken (but I should have videoed. And I should have had picture of Nooki and me on HIWASA beach.

Located building where 1988 meeting held. I walked up to 3rd floor and took a picture. Departed Hiwasa about noon in rental car driving to Muroto. Video along the way. Koshi prefecture. Narrow strip of land - people fight against the ocean waves - and Rock falling from the other direction.

*Patrick
Book
sent
12/2/04*

ようこそ阿波の竜宮城へ



うみがめの来る町ひわさ

企画観光課

〒779-2395 (環境基本条例制定のまち 環境にやさしい再生紙使用)

徳島県海部郡日和佐町奥河内字本村 18-1

TEL 0884-77-3616 FAX 0884-77-1666

http://www.town.hiwasato.tokushima.jp

E-mail t.hama@town.hiwasato.tokushima.jp

浜 隆宏

Takahiro Hama

Chelonian Museum

Hiwasa Town Office

うみがめの来る町 ひわさ

日和佐町企画観光課

課長 影治 信良


Net

〒779-2395 徳島県海部郡日和佐町

電話 (0884) 771-3616 (直通)

FAX (0884) 771-1666

E-mail:n.kageji@town.hiwasato.tokushima.jp



Net

IWAO TATEISHI

HIWASA TOWN OFFICE

HIWASA-CHO, TOKUSHIMA,
〒779-2395
JAPAN

PHONE 0884-77-3612
FAX 0884-77-1666

8/3/04

Dear George

Director of Hiwasa Museum is Mr. Keiji Takehara.
But, Mr. Hama is making a decision actually.

sent pictures
need to send
12/04

IKUYO HOSOKAWA

KUMIKO SAKACHIYO

8/4/04

picture

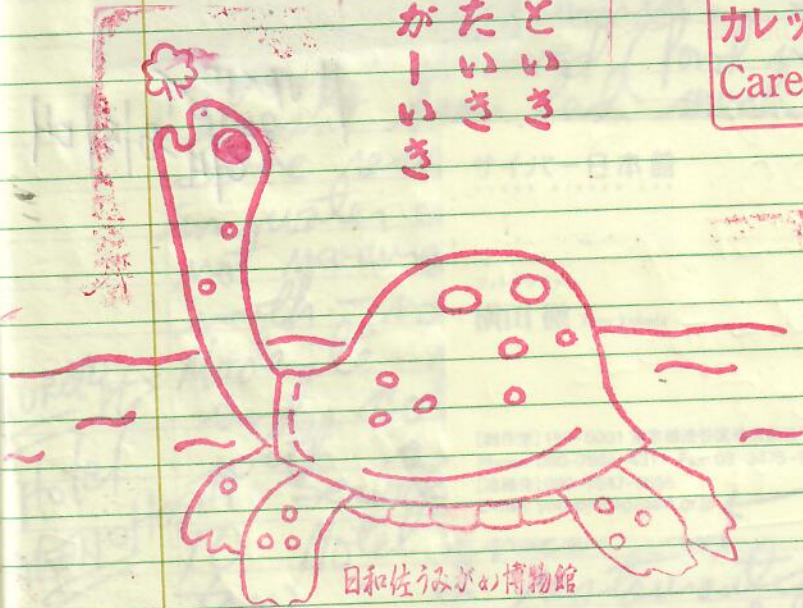
Blue T-shirt
Museum - workers at
CHELONIAN MUSEUM

Stamps at
Chelonia Museum



なふひ
がたど
ーいいき
いきき

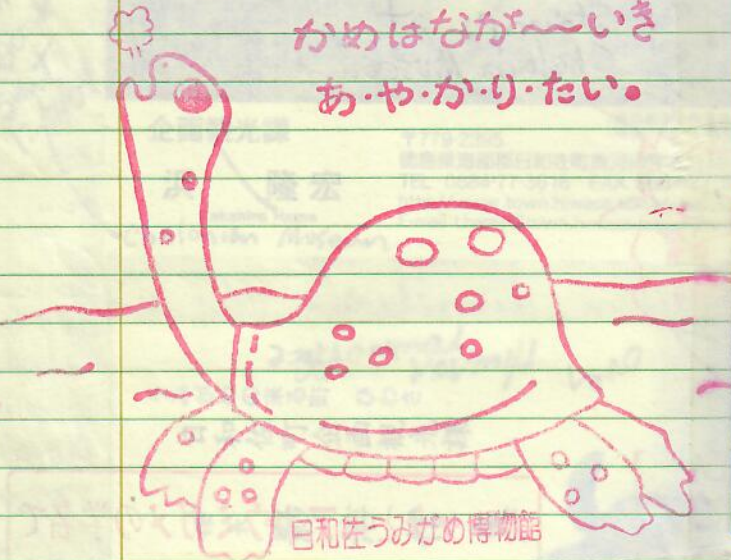
カレッタとはアカウミガメの学名で
Caretta carettaのカレッタです



Chelonian Museum - Hiwasa

!!!

かめはながい
あ・や・か・り・たい。



日和佐うみがめ博物館



〒781-7101 高知県室戸市室戸岬町3883
TEL.0887-22-3232

室戸海洋深層水露天風呂
「二千年湯」

政府登録国際観光旅館
あけのほし

ホテル明星

MURORO
POINT
8/4-8/5/0

2005年日本国際博覧会政府出展事業 サイバー日本館

Reporter - Drove us from
Tokushima to Osaka

<http://www.nippon-kan.jp/>

MR. TORU YOKOTA

お問い合わせ

[制作関連]

株式会社三菱総合研究所 E-Cabinet 研究センター

100-8141 東京都千代田区大手町2-3-6 Phone: 03-3277-5996

[事業関連]

株式会社アサツー ディ・ケイ 2005年日本国際博覧会政府出展事業推進室

104-8172 東京都中央区築地1-13-1 Phone: 03-3547-2822

*Refined
Book
8/2/04*

8/4/04
Wednesday

"TOMOTO" ~~etc~~

<http://youyou.cup.com/KAGETSU/>

"Flower Moon"
"FULL MOON"
KAGETSU

Saw deep ocean seawater plant
Arrive Muroto fishing station - met with
head man Toyokazu Hosokawa, nets
not out now due to typhoon in area.
Met with him and staff for 2 hours.
pictures. Very ^{friendly} helpful. See notes on his
card of 38. Examined goats in harbor
files of net floats. Big barbed on
floats - like lat egg FF - said to grow
large in one month. Saw SCL Mem

p.38

green - arrived (ford net capture) Oct 03.
hasnt been fed much since then.
Some researcher used "Glucocox" dissolved
in water w/ turtle to remove tumors, but
not mesural beforehand (Turtle size). Examined
mouth - no tumors - but has jaw hinge #3
Moderate strength. FF seem wide

MUROTO
Hotel
AKENO HOSHI

only coloration is not inconsistent
with a Hawaii turtle. Light pouring.
Seagull percent of Harbor 10m high.
TO Hotel check in - TO Muroto
town - 2 restaurants - at first one
Futoshi gave me notebook presentation
of land net work. He will be at Muroto
until October.

8/5/04 Breakfast at Hotel 7:30 AM.
Thursday visited fishing facility again for photos
and watching netting. Planning to set this PM.

PTORUM

8/14/18

90M 8/14/04 PM meeting (3) 15M boat
 80M Director of Takaoka 30 people
 Deep TOSet 70M widest part and met
 (3 boats) Toyoki Hosokawa
 Sand Bay 1.8Tons each set 1 km from shore
 32 Anchors TO SHORE 90M opening
 200M Guide LONG 550M
 45cm Mesh



日本ウミガメ協議会特別調査員

やました すぐる

山下 傑

Suguru Yamashita

8/14/04 Mwoto
 Monitor pond net
 高岡大数組合

〒781-7101 高知県室戸市室戸岬町高岡3747

0887-22-2048

携帯: 090-4500-5392

Both men were
 "Full Moon"
 Fishermen that
 also monitor
 for STAJ

(組合) 〇八八七二二二〇四八
 (電話) 〇〇八八七二二二〇四八
 (郵便) 〇九〇一七五九二六

Monitor pond net
 Turtles
 Mwoto
 8/14/04

船頭 山下 昌司

Shoji Yamashita

高岡大数組合 第七高懸丸



Bycatch Turtle student
coming to Hawaii

東京大学大学院農学生命科学研究科修士課程

Mivoto Pt came June
stay Oct

岩本 太志

IWAMOTO FUTOSHI

Presentation
with notebook
8/4/04

〒113-8657

東京都文京区弥生1丁目1番1号

東京大学大学院農学生命科学研究科
生圏システム学専攻水域保全学研究室

1km

携帯電話 090-6079-1813

e-mail futoppi@yahoo.co.jp

+ MR. MIYAGATA

August 5, 04 Departed in rental car for
Thursday Tokushima via Awasa in
Tokushima turned in rental car -
switched to Tom's (reporter) car drove
all the way to Osaka - let off at
Washington Plaza Hotel ~ 5 pm
wrote up notes in evening.

8/6/04 Room 1602 no smoking floor
 UP ~ 7:30am - Breakfast at Washington
 Plaza Hotel - write up notes of trip
 FRIDAY Did email and phone calls. Walked around
 region - 12:15pm Departed for NAGAO JR Train
 - Shin-OSAKA to Osaka - then on Loop
 to Kyobashi - then 25 min to NAGAO
 (KIZU direction) on JR Gakken Toshi Line.

NAGAO "Murata Building" - 3rd Floor. kitty-corner from Bank.
 Arrived about 1:40pm - bought lunch plate
 at "BENTO EXPRESS"

2:15pm met Yoshi and Ken at office. ^{only one} Small
 picture on window facing street. Almost as if
 hidden away. Yoshi lives nearby.

Discussed Yttrium - suggested Aunt Ishii story
 for newsletter - he called Yttrium - talked
 to Yuki.

Naoki Arrived - also student ^{MR. MIYAGAWA} recently out of
 hospital - broken wrist dislocated fingers. (in AN)

ST20 in office on metal shelf.

→ studied
 AT ARIZONA
 STATE

Concern by Yoshi for cold detector affecting turtle orientation

I left him two ST24's one for Sea of Japan
 Question: Care CC using this in abundance and migrate
 out when autumn arrives due to colder water

And one ST24 for SCL 71cm green turtle
 with Fibropapillomas being held since October
 at Murato - in water (with "Glucagon")
 Dissolved weekly when water changed.

Metal detector - VS
Magnetic field?
vs coil detector

Need ^{POINT} photo, photo aerial in ken's
photo book.
Also, 1988 group photo HIWASA Meeting.

8/6/04
NOTES STAFF
at
office

Lisa Tanimoto
risat@pop02.odn.ne.jp

"Sea Turtle Association
of JAPAN"

PH [Shodo shima Island ^{NEST} - hatched on island
^{Raised} Kobe Aquarium - wants to Release w/ PTT -
one on island for children - the other at SEA (90km)
Sea of Japan - logger head by catch - Pond net -
previous PTT tagging - are found dead - natural food in stomachs
have over seawall alive and released again
(track unknown - he could find map)

8/6/04 NAGAO
Friday

Attachment procedure ^{hasnt} been as I thought
it was. Different people have done it, no polyester
used. "Epoxy 90" - 2 tubes. Glass cloth used,
spread with stick. 3 layers when done by
wood put under transmitter - some thicker
than others. TO raise up? Antenna off.
only have photos now of 1 of 5 deployments.

Departed for Hotel ~ 530pm same route but
in reverse.

8/7/04 Wrote up notes - Did Cobby email again, MADE
SATURDAY phone calls, JR TRAIN TO KYOTO for ~ 3 hours.
Checked out 330pm. PARUKA TRAIN TO KANSAI AIRPORT,
NW FL 69 TO TAIPEI DEPART 7 PM. (TO PAGE 45
8/14/04 BACK TO JAPAN)

8-7-04 VISIT TO KYOTO



15:43
SHINOSUKA

8-14-04
Herz.



Hikari 318.
(26)

16:56

Nagoya.

Saturday
8-7-04 Kyoto

45

FROM TAIPEI
BACK TO JAPAN:

AUGUST 14 04 TAIPEI CKS ^{AIRPORT} Northwest FL 70 TO OSAKA
SATURDAY Depart 8:25 am, arrive 12:25 pm JAPAN TIME.

PNPA

HAKUKA at 1:48 pm for Shin-Osaka Station.
Arrive ~ 3 pm; to Washington Plaza Hotel check
in and changed clothes quickly - checked
email and back to Shin-Osaka - Caught

HAKUKI bullet train 3:43 pm w/ 9 stops
Kyoto Gifu - and - then Nagoya Station

Arriving at ~ 5 pm. Subway to Sae

change to subway to Nagoya Port (2600 total)

Walked to Aquarium - SPA festivities featuring
Hawaiian singers/dance (not seen). Met by

6 pm Mr. Kobayashi outside of office door

Had ~ 1 hour 30 min meeting with Mr. KURITA
(w/ Kobayashi totally listening in) later, Kurita

had list of proposed ideas (see p.)

Dinner at RED LOBSTER - 6 of us -
Yoko, NAKAMURA, KURITA, TOMY, ME AND KOBAYASHI

Went back to Aquarium w/ Mr. KURITA AND Saw hybrid hawkbill/leopard
photos. Hatched 1-2 Months Ago. (same price)

10:33 pm NOZOMI back to Osaka

with only one stop (Kyoto).

Needs Resulting from PNPA 8/15/04 PM:

- Contact Limpus about hybrids/releases (4 nests)
- Polovina - BASED on BOAT TRACK TRAINING SHIP to
- HAWAII where would interesting release points be?
- EMAIL YOKO
- BACKNOTE - TOKORO program TV video
- WASH pen's after detritate? Hawksbills
- Reprints on Hybrids 35K Bowen.
- Send copy of Dutton's Cites permit

BACKNOTES - Meeting with KURITA -

- Loggerhead - 4 total but 2 that had penis bitten off by sharks had to put to sleep, of the other 2 - one too young, one is too old.
- Kobayashi - goes to Ryuku Island every week! Want to go to Hawaii later.

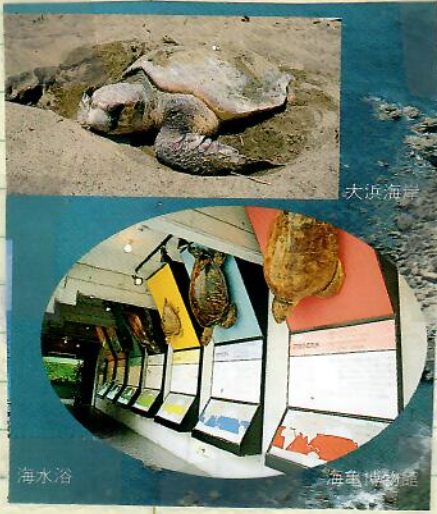
8/15/04 up ~ 8:15am. Breakfast at Hotel -
 Sunday DID email, wrote notes.

Walked to "MINA KATA" Hawkey Station -
 took train to Juso then switched to
 train to IKEDA. Looked for "100% store"
 selling small ceramic turtle cards. 100%
 stores found but not the correct ones.
 Train back, but at Juso got on a
 limited express train that didn't stop at
 MINAKATA - had to ride ~ 15 min before
 it stopped and I went back to Juso
 and caught the correct one (a "Local" train)

Check out left Hotel ~ 3:15 pm - HANA
 to OSAKA Airport 6:30 pm Depart FL 832
 United for Honolulu

ABAMA (1/1/04)
 400.8 TAPPAKE

8/15/04
 400.8 TAPPAKE
 because we're all right
 as we're all right
 as we're all right



大浜海岸

海水浴

海亀博物館

Returned to HIWASA
3-4 August 2004

室戸・阿南海岸国定公園
海亀のまち／ひわさ

政府登録国際観光旅館

ホテル
白い燈台

心やすまる展望露天風呂
——
えびす洞温泉

3/09
NOW PAINTED blue
because white reflected light
so concern about keeping turtles
away.

APRIL 2004



3

NOVEMBER 2003 N=18 TRANSMITTERS (Duo has 2 Transmitters)
 17 Logheads Released 11/28/03 放流ウミガメ詳細

No.	Name	Lay egg		Hatch		SCL (cm)	CW (cm)	Tag		AGE
		Date	Place	Date	Place			Titanium	Yellow Rotc	
SP013	Byte	15-May-01	Port of Nagoya Aquarium	11-Jul-01	Port of Nagoya Aquarium	35.3	29.5	0135	264	2 years 4 mo
SP013	Jiro	15-May-01	Port of Nagoya Aquarium	11-Jul-01	Port of Nagoya Aquarium	37.9	31.7	0137	262	2 years 4 mo
SP18	Maya	04-Jun-00	Port of Nagoya Aquarium	29-Jul-00	Port of Nagoya Aquarium	46.1	38.3	2773	153	3 years 4 mo
SP18	Mina	04-Jun-00	Port of Nagoya Aquarium	29-Jul-00	Port of Nagoya Aquarium	48.0	41.1	2780	158	3 years 4 mo
SP013	Duo	04-Jun-00	Port of Nagoya Aquarium	29-Jul-00	Port of Nagoya Aquarium	56.0	45.3	2088	154	3 years 4 mo
SP18	Ama	15-May-01	Port of Nagoya Aquarium	11-Jul-01	Port of Nagoya Aquarium	53.1	41.6	2089	251	2 years 4 mo
SP19	Yoko	03-May-02	Okinawa Kume I. Zamami	05-Jul-02	Okinawa Kume I. Zamami	28.8	23.5	0166	259	1 year 4 mo
SP19	Ryo	03-May-02	Okinawa Kume I. Zamami	05-Jul-02	Okinawa Kume I. Zamami	30.1	24.4	0168	261	1 year 4 mo
SP013	Masa	03-May-02	Okinawa Kume I. Zamami	05-Jul-02	Okinawa Kume I. Zamami	27.4	23.4	0164	253	1 year 4 mo
SP013	Chui	03-May-02	Okinawa Kume I. Zamami	05-Jul-02	Okinawa Kume I. Zamami	29.3	23.8	0165	255	1 year 4 mo
SP013	Yako	24-Jun-02	Aichi Chita City Shinmaiko	15-Aug-02	Port of Nagoya Aquarium	26.7	22.5	0179	252	1 year 3 mo
SP13	Lin	24-Jun-02	Aichi Chita City Shinmaiko	15-Aug-02	Port of Nagoya Aquarium	27.2	22.5	0180	256	1 year 3 mo
SP013	Coco	24-Jun-02	Aichi Chita City Shinmaiko	15-Aug-02	Port of Nagoya Aquarium	26.9	22.9	0156	258	1 year 3 mo
SP013	Amy	24-Jun-02	Aichi Chita City Shinmaiko	15-Aug-02	Port of Nagoya Aquarium	26.2	22.0	0175	257	1 year 3 mo
SP19	Sarah	03-May-02	Okinawa Kume I. Zamami	05-Jul-02	Okinawa Kume I. Zamami	28.7	23.5	0170	260	1 year 4 mo
SP013	Tomy	03-May-02	Okinawa Kume I. Zamami	05-Jul-02	Okinawa Kume I. Zamami	28.2	23.2	0167	254	1 year 4 mo
SP18	Rie	04-Jun-00	Port of Nagoya Aquarium	29-Jul-00	Port of Nagoya Aquarium	51.4	42.0	2774	159	1 year 4 mo

Need - Genetics to Dorian
 - which were from wild nests/which from captive laid?
 Answer appears to be = 7 from PNPA, captive LAID
 10 from wild

But all reared at PNPA.

Need Any Tracking Differences between the two groups - 7 vs 10?
 OR 6 vs 10 among 10 wild?
 Need "TOKORO" show VIDEO TV
 Need Necropsy Results? Clint website

Possible NAMES

- 1 - ~~KUMIKO~~ ^{Susan's middle name}
- 2 - ~~YASMIEN~~ [JASMIEN] - "288"
- 3 - ~~LUCKY~~
- 4 - ~~MAKIKO~~
- 5 - CK = "SIHKEA" > 273
- 6 - Elizabeth = "EL" > 274
- 7 - Kitty - 270

- STRONG HAPPY (MARSHALL CONGRESS)

- 1. ~~Bonnie~~
- 2. ~~Sandy~~ KITAKAMI, 263
- 3. ~~Jane~~
- 4. ~~Luis~~ ISHIKAWA, -281
- 5. ~~Sheila~~
- 6. ~~Wendy~~
- 7. ~~JAN~~
- 8. ~~ANI~~

✓ HARUMI 284. (FAR-DISTANT "Wonderful Sea") ~~SECRET~~ Tony's son
 "SACHI" - 280 green new secretary for Ani
~~SECRET~~

✓ "KISO" 265 ship
 "TOKORO" 276 ? TV Actor
 "HITOSHI" - 285 caretaker of turtles

"MOZU" (OSAKA) 286 Kobayashi home town
 YAMACHAN 287 ? (Kumejima former student Uchida island near OKINAWA ^{island} _{congrat})

~~KNOW~~
 "MAKOTO" 271 ? Kurita's son
 "KAZU" - 279 ! Uchida's secretary green

IN Stock - PMPA 4/19/04 ARANAC = 2-SDR's 2-ST18
 3-SPOT3's 2-ST19 53
 7-ST24

APRIL
 2004

Green Turtles N=3
 3 ST19 or ST24
 1 ST18, or ST19 or ST24
 ST18 = 3
 or SDR = 3

Loggerhead (N=13)
 3-SPOT3's
 3-SDR's or ST18's
 7-ST19 or ST24's

Species	Birth year	SCL (cm)	CW (cm)	BW (kg)	Tag		Note
					Titanium	Roto	
Caretta caretta	2000	59.9	48.4	37.6	2096	263	Nagoya → Vancu ver → Na
Caretta caretta	2000	62.9	51.1	41.3	0099	266	Nagoya → Vancu ver → Na
Caretta caretta	2000	59.2	49.4	37.8	2097	265	Nagoya → Vancu ver → Na
Caretta caretta	2002	31.7	26.3	4.6	0158	276	Shinmaiko → Nagya
Caretta caretta	2002	31.6	25.8	6.4		jp32449	Nagoya → Ishigaki → Nagoya
Caretta caretta	2002	27.2	23.4	4.5		jp32430	Nagoya → Ishigaki → Nagoya
Caretta caretta	2002	26.8	21.8	4.4		jp32202	Nagoya → Ishigaki → Nagoya
Caretta caretta	2002	32.3	27.3	6.8		jp32201	Nagoya → Ishigaki → Nagoya
Caretta caretta	2002	29.1	22.9	4.8		jp32429	Nagoya → Ishigaki → Nagoya
Caretta caretta	2002	23.4	19.5	2.3	0154	274	Omaezaki → Nagya
Caretta caretta	2002	24.3	20.7	2.5	0162	273	Omaezaki → Nagya
Caretta caretta	2002	25.2	21.2	2.8	0173	271	Omaezaki → Nagya
Caretta caretta	2002	25.5	21.4	2.8	0174	270	Omaezaki → Nagya
Chelonia mydas	2001	44.0	40.1	11.4	0117	277	Kume → Nagoya
Chelonia mydas	2001	41.2	34.2	9.9	0176	278	Kume → Nagoya
Chelonia mydas	2002	34.1	29.6	6.0	0172	279	Kume → Nagoya
Chelonia mydas	2002	35.2	30.8	7.3	0171	280	Kume → Nagoya

SPOT3's = 3

ST19 or ST24 = 3

"Maya" had an ST18 = 46.1 cm

Maybe ST19 or ST24

23068 - ST18
 NOT deployed - brought back to Honolulu 4/26/04

MEASUREMENTS

Antenna length		Length	width	height	wt.
16.5 cm	ST18 - (1)	13.5	4.8	3.2	290g
22.5	SDR - 2	14.8	5.0	3.7	315g
19.2	ST18 - 2	10.5	4.2	1.5	
19.9	ST19 - 2	7.8	3.9	2.5	110.8g
18.3 cm	ST24 - 7	6.2 cm	3.4	2.6	80g
		5.4	2.2		

Need - Tag Dimensions =

MEMO

2004/4/23

DATAS AT POINT OF RELEASED

35° 22.87' N
141° 07.34' E

WATER TEMP

18°C

WIND

SW 13 m/sec.

CLOUDY

WAVE HEIGHT 2-3 meter

AIR TEMP. 22°C

WATER DEPTH 450M
AT POINT OF
RELEASED.

43Km from tip of INUBOU



Taiheiyō Ferry

KITAKAMI

12

SMALL
SIZE LETTERING
on TWIES

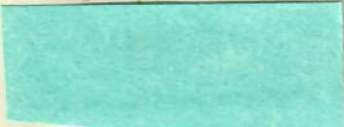
名古屋港水族館

〒455-0033 名古屋市港区港町1番3号
TEL 052-654-7080 (代) FAX 052-654-7001
団体予約専用 TEL 052-654-1680

PORT OF NAGOYA PUBLIC AQUARIUM

1-3 Minato-Machi, Minato-ku, Nagoya 455-0033 Japan
Phone (052) 654-7080 Tourist Information: Phone (052) 654-7000<http://www.nagoyaaqua.or.jp>

4月1日よりアドレスが変わります。New URL as of April 1



Attachment START 11AM - 1222PM = 55
27°C

3 SPOT3s

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

102 7 drops
Elastore

(1)
SPOT 3

Attach Tuesday

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

4/20/04

PNPA

Loggerhead

"MAKOTO"

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS: ARGOS ID

42716

NEW TAGS:

RFL 271 yellow
LFL 0173 Titanium

SPOT 3

4 hours out of 48 hrs.

STRAIGHT CARAPACE - LENGTH:

27.5 cm

WIDTH: - cm

NOTCH LENGTH: - cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH: - cm

HEAD WIDTH: - cm

AXIAL: - cm

LATERAL: - cm

PPS: YES OR NO OR NE -

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T - cm

C - cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: - cm

- cm

PLASTRON LENGTH: - cm

- cm

WEIGHT: 3.4 kg#

4/23/04 8AM

35° 22.87N

141° 07.34E

DESCRIPTIVE REMARKS:

3 Resin & cloth coats

- ① DAM (4)
- ② CROSS piece w/notches
- ③ "X" pieces (2)

Labels =
+ NOAA
+ PNPA
+ Number

Release from "KITAKAMI"

SEA TURTLE TAGGING FORM

Attach
Tues

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

PNPA

SPOT 3

4/20/04	Loggerhead
"SIHKEA"	

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

ARGOS ID

42718

NEW TAGS:

RFL	273 yellow
LFL	162 TITANIUM

SPOT 3
4 hrs out
of 48 hrs

STRAIGHT CARAPACE - LENGTH:

26.6 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

3.2 #

DESCRIPTIVE REMARKS:

Release from "KITAKAMI"

4/23/04 8AM

Very
vigorous
turtle

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

2

SEA TURTLE TAGGING FORM

Attach
TUE

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

54/20/04

PNPA (spot 3)
" Loggerhead
EL "

PERSON RECORDING DATA:

Spot 3
4 hrs
out of
48 hrs.

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO
-

EMACIATION CODE

0

OLD TAGS ARGOS ID

23474

NEW TAGS:

RFL 274 yellow
LFL 154 Titanium

STRAIGHT CARAPACE - LENGTH:

25.6 cm

WIDTH: cm

NOTCH LENGTH: cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

-

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T cm

C cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH: cm

WEIGHT: 2.9 #

DESCRIPTIVE REMARKS:

Released from
KITAKAMI 4/23/04 8AM

Release from "EL" = Elizabeth (Mae Rice's granddaughter)
Release from "KITAKAMI" 4/23/04 8AM

TRANSMITTER
off ~ 7pm 4/20 TUES Attach
48 off 7pm 4/22 ON

Attach
START 112 PM
3 ST24's
Finish 220 PM
DATE FORM FILLED OUT

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

5

Magnet put on 6PM - 4/22/04
taken off 7AM 4/23/04 Friday

CAPTURE DATE, LOCATION AND METHOD:

4/20/04 PNPALoggerhead
"YAMACHAN"

PERSON RECORDING DATA:

6 hrs on TUES
6/4P
hours off

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

ARGOS ID

19595

NEW TAGS:

RHWD
JP 32429 white PLASTIC
287 YEL FF
0583 INCONUL

STRAIGHT CARAPACE - LENGTH:

29.6 cm

WIDTH: - cm

NOTCH LENGTH:

- cm

DB: - L.O.

VB: - L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH: - cm

HEAD WIDTH:

- cm

AXIAL: - cm

LATERAL: - cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C - cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

4.0 #

DESCRIPTIVE REMARKS:

25.30
① "Dam" - 4 sides
② Cross pieces - 2

Release from
KITAHAMI 4/23/04
8AM

ST 24

6

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Transmitter off 7 PM 4/20
48 off 4/22
7 AM on 4/22
so magnet on 6 PM 4/22
off 7 AM 4/23/04

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

Tues 4/20/04 PNPA Loggerhead
"HARUMI"

PERSON RECORDING DATA:

6/48

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

ARGOS ID

22278

MARKS:

RFL JP32449
LFL 284 yellow
Ø580 Titanium

STRAIGHT CARAPACE - LENGTH:

32.2 cm

WIDTH: — cm

NOTCH LENGTH:

— cm

DB: — L.O.

VB: — L.O.

CURVED CARAPACE LENGTH:

— cm

WIDTH: — cm

HEAD WIDTH:

— cm

AXIAL: — cm

LATERAL: — cm

PPS: YES OR NO OR NE

—

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

— cm

C — cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

5.3 #

DESCRIPTIVE REMARKS:

Released from KITAKAMI 4/23/04
8AM.

ST24

7

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

TRANS. off 7pm 4/20
so 48 off
men on 7pm 4/22
Tues magnet up
DATE FORM FILLED OUT
magnet on 4/23

CAPTURE DATE, LOCATION AND METHOD:

4/20/04

PNPA "Tokoro"
"MTV" comedian

PERSON RECORDING DATA:

6/48

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

22181

ARGOSTD

NEW TAGS:

RFL

276 yellow

HP

0158 titanium

STRAIGHT CARAPACE - LENGTH:

34.2 cm

WIDTH: - cm

NOTCH LENGTH:

- cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH: - cm

HEAD WIDTH:

- cm

AXIAL: - cm

LATERAL: - cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C - cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

5.5 kg

DESCRIPTIVE REMARKS:

Released from
KITAKAMI 4/23/04
8AM

「1302Wの0が「」!」

MTV comedian
picture of his face
put on carapace 4/22/04 PM

Attach
START 228 PM

4 (3ST24, 1-ST19)

Revised 04/04/01
(TALK w/ Uchida = DELAY)

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

230 PM 4/20
230 AM 4/21

8

230 AM 4/23 AM
START OK!

RUNNING
2+
6 AM

ST24 500 PM PAU

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

Tue 4/20/04 PNPA "KITTY"

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS: ARGOS ID

22535

NEW TAGS:

RFL 270 Yellow
LFB 0174 TITANIUM

12/48

STRAIGHT CARAPACE - LENGTH:

28.1 cm

WIDTH: - cm

NOTCH LENGTH:

- cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH: - cm

HEAD WIDTH:

- cm

AXIAL: - cm

LATERAL: - cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C - cm

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

3.8 kg

SAMPLES COLLECTED:

DESCRIPTIVE REMARKS:

Released from Kitakami 4/23/04
SAM

Revised 04/04/01

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Marine Turtle Research
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Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

PNPA

CAPTURE DATE, LOCATION AND METHOD:

TUES
12/48

4/20/04 Loggerhead
"MOZU"

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

ARGOS ID
23569

NEW TAGS:

RFL 286 yellow
LFL JP 32202 RH
LFR 582 TITANIUM

STRAIGHT CARAPACE - LENGTH:

28.1 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

3.8 kg

DESCRIPTIVE REMARKS:

Released from KITAKAMI

4/23/04 8AM
Friday

ST 24

9

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

PNPA

CAPTURE DATE, LOCATION AND METHOD:

Tues. 7:30 PM

4/20/04 Loggerhead
"MOZU"

PERSON RECORDING DATA:

12/48

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

ARGDS ID
23569

NEW TAGS:

RFL 286 yellow
LFL JP 32202 RH
LFR 582 TITANIUM

STRAIGHT CARAPACE - LENGTH:

28.1 cm

WIDTH: - cm

NOTCH LENGTH:

- cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH: - cm

HEAD WIDTH:

- cm

AXIAL: - cm

LATERAL: - cm

PPS: YES OR NO OR NE

-

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

- cm

C - cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

3.8 kg

DESCRIPTIVE REMARKS:

Released from KITAKAMI

4/23/04 8AM
Friday

Attached STACY
4/22 351 PM ST 24

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

Transmitter Attached on AFT Deck

10

NOTE = Exchange for different turtle 4/22/04

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

~~4/20/04~~ 4/22/04 P N P A

PERSON RECORDING DATA:

NAME "HITOSHI"

Tuesday 4/22/04

ABOARD THE "KITAKAMI" Loggerhead

12/48

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS: ARGOS ID

25360

NEW TAGS:

RFL

LH

~~285 yellow~~
~~2581 titanium~~
~~FP22430~~
269 yellow
Ø155 titanium

FOUND DEAD 13Y Schuda STAFF

STRAIGHT CARAPACE - LENGTH:

~~27.7~~
28.0 cm

WIDTH: - cm

NOTCH LENGTH: - cm

DB: - L.O.

VB: - L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH: - cm

HEAD WIDTH: - cm

AXIAL: - cm

LATERAL: - cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T - cm

C - cm

RIGHT FRONT FLIPPER WIDTH: - cm

- cm

SAMPLES COLLECTED:

PLASTRON LENGTH: - cm

- cm

WEIGHT: 3.9 ~~3.8~~ kg

Released from KITAKAMI 4/23/04 8AM

DESCRIPTIVE REMARKS:

① 4 4/23/04 DAMS
② 2 CROSS pieces

from SHINMAIKO
MAGOYA

ST19

END DAY 1

11

10 TURTLES TOTAL

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

MS

4/20/04 PNPA Loggerhead

PERSON RECORDING DATA:

"YASMIEN"

12/48

TUMOR SCORE

0

ORAL TMRS EXT:

—

EMACIATION CODE

0

OLD TAGS

ARGOS ID

25315

NEW TAGS:

RFL

LFL

788 yellow
0584 titanium
JP32201 RH

STRAIGHT CARAPACE - LENGTH:

33.0 cm

WIDTH:

— cm

NOTCH LENGTH:

— cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

— cm

WIDTH:

— cm

HEAD WIDTH:

— cm

AXIAL:

— cm

LATERAL:

— cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

0

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

6.1 kg

DESCRIPTIVE REMARKS:

Released from

① WIDE DAM (4 sides) KITAKAMI
② 2 CROSS (2 x 2")
4/23/04 8AM

AT/ACH START 10/5 AM

3 VANCOUVER 65
JP ↔ VC BC RT

Revised 04/04/01

1240 PM

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

First cost 3 RESIN
3 OUNCES

12

Kill plug out ~ 930 AM DONE
Aquarium Reared

VANCOUVER

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

PNPA

Loggerhead "

20 drops (Large)
25.7°C
< 10 MIN working temp

ISHIKAWA

wed.

PERSON RECORDING DATA:

TUMOR SCORE

OLD TAGS:

ARGOS ID

NEW TAGS:

0

ARGOS 40649

RFL

281 yellow

ORAL TMRS EXT:

YES OR NO

-

W.C. 03T0104
(AF 859)

LFL

0099 TITANIUM
(CAGE)

EMACIATION CODE

0

SDR

STRAIGHT CARAPACE - LENGTH:

64.8 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

- L.O.

VB:

- L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

43.7 g

DESCRIPTIVE REMARKS:

① 2 Sides
1 custom cut
1 Resin

DAM

Released from
KITAKAWA 4/23/04
PTM

② 2 - 2"
1 - 1 1/2"

cross pieces + front piece

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

13

Kill pugout
~ 9:30 AM

Vancouver
Aquarium
Reared

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

wed 4/21/04

PNPA

KITAKAMI
Loggerhead

PERSON RECORDING DATA:

SDR

TUMOR SCORE

0

OLD TAGS:

ARGOS ID
40651
03T0106
AF855

NEW TAGS:

RFL

263 yellow

LFL

2096 (large)
TITANIUM

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

STRAIGHT CARAPACE - LENGTH:

61.9 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

39.9 kg

DESCRIPTIVE REMARKS:

Released from KITAKAMI

4/23/04 8AM

ST18

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

ELASTOMER 2.5-
3.0Z
10 drops

Vancouver
Adipic acid
peeled

4/22 7pm in Agnet on
4/23 7am Magnet off
1pm 4/21 on
1am 4/22
got 1am 4/23
4/24 off

14

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

Wed 4/21/04

PNPA
Loggerhead

"KISO"

1258 PM
ST18 PAU Attach
264°C

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

12/48

OLD TAGS: ARGOS ID

~~23069~~
~~23069~~
~~23069~~
23069
(Telowics 5/6/37)

NEW TAGS:

RFL

265 yellow

LFL

2097
7/17/04

STRAIGHT CARAPACE - LENGTH:

59.9 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

RIGHT FRONT FLIPPER WIDTH:

- cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

- cm

WEIGHT:

38.6 #

Released from
KITAKAMI 4/23/04 8am

DESCRIPTIVE REMARKS:

Attachment =
① DAM 4 sides
② 3 cross 2"
1 - 1/2 front

VERY flaky
peeling carapace
prolapsed cloaca

Kume Green Turtle

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

15

"Japanese honu"

ST24

Magnet on 7pm 4/22
Magnet off 7am 4/23/04

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

wed. 4/21/04 Chelonia mydas PNPA "SACHI" "

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

REGOS ID

22279 19594

Telonics

527702A

NEW TAGS:

RFL

RFL

280 yellow

Ø 171 titanium

6/48

STRAIGHT CARAPACE - LENGTH:

35.2 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

7.3 kg

DESCRIPTIVE REMARKS:

① DAM 4 sides

② 2 cross 1-2" 1-1/2"

Released 4/23/04 from KITAKAMI 8AM

Photos with GB
taken 4/21/04
AND 4/22/04
on KITAKAMI

KUME Green
TURTLE

Revised 04/04/01

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

4/21/04
69
16

Magnet on 7pm 4/22
Magnet off 7am 4/23.
"JAPANESE
HAWAII"

SEA TURTLE TAGGING FORM

345pm
"Done
end DAY 2"

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

PNPA "KAZO"
"KAZO"
Loggerhead

wed.

4/21/04

PERSON RECORDING DATA:

TUMOR SCORE

0

OLD TAGS:

25317
#573208
Telones

NEW TAGS:

L RFL 279 yellow
RFE 0172 Titanium

ORAL TMRS EXT:

YES OR NO
-

EMACIATION CODE

0

12/48

STRAIGHT CARAPACE - LENGTH:

34.1 cm

WIDTH:

- cm

NOTCH LENGTH:

- cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

- cm

WIDTH:

- cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

6.0 kg

DESCRIPTIVE REMARKS:

① Dam 4 sides

② 2 cross - 1-2" 1-1 1/2"
Released 4/23/04 from
KITAKAMI 8AM

Print
Digital
high
Resolutn
Photos
4/21/04

turtle # 5-6-700 ST24S
 #14-15-16 ST19
 ST18 ST24

6 turtles w/ magnets
 put back on-board
 "KITAKAWI" ST 7PM 4/22/04
 OFF 7AM 4/23/04 Friday morning

RE: APRIL 2004 TRIP

Date: Fri, 26 Mar 2004 13:42:06 -0800
 From: Denise Parker <Denise.Parker@noaa.gov>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re: FedEx 814357123113 2 SDR-T16 w/ sleep plugs

SDR

JAPAN
BOOT

I'm sending you the set-ups via this e-mail. Set up very similar except all Peter's SDR's were only 2 m resolution (0-500m), so some depths are moved 1 m deeper (e.g. a 5 m depth = 6 m in these tags etc). They should be comparable.

Date: Tue, 30 Mar 2004 09:53:57 -0800
 From: Denise Parker <Denise.Parker@noaa.gov>
 To: ghb <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: [Fwd: RE: ID codes 40649 and 40651]

SDR'S

Here is information re: SDR's they are set up properly (e.g. 31 sensors, 8 bits each)..

----- Original Message -----
 Subject: RE: ID codes 40649 and 40651
 Date: Tue, 30 Mar 2004 10:40:42 -0500
 From: "Jennifer Sparks" <jsparks@argosinc.com>
 To: "Denise Parker" <Denise.Parker@noaa.gov>
 CC: "SAI User Office" <useroffice@argosinc.com>, "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>

Good morning,

I confirm that IDs 40649 and 40651 have been transferred to your Program 1092 and have been added to the ADS accounts 'gbalazs@honlab.nmfs.hawaii.edu' and 'Denise.Parker@noaa.gov'.

FHI: These IDs are currently set up with a format of 31 sensors, 8 bits each, A1 (decimal) processing with ALP and MSAT. If anything should be changed, please let me know.

Date: Tue, 30 Mar 2004 08:52:23 -0800
 From: Denise Parker <Denise.Parker@noaa.gov>
 To: ghb <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: SDR Blinks Wildlife Computers

SDR

LED should be flashing even in sleep mode - I haven't seen anything on ADS so I don't think it the sleep plug came out.

When in Sleep mode the LED will blink every 20 seconds.

If it is transmitting the LED will blink every 10 seconds.

[Part 2, "Card for Denise Parker" Text/X-VCARD (Name:]
 ["Denise.Parker.vcf") 12 lines.]
 [Unable to print this part.]

SP 24

Re April 2004 trip

73

Wed, 31 Mar 2004, Denise Parker wrote:

Protocol for turning on and deploying Spot 3 Transmitters-

SPOT 3's

- 1) Make certain white port plug is as snug as possible in communications port.
- 2) Pass large magnet over bottom of SPOT 3 transmitter - LED should begin blinking immediately - 10 times. This indicates that the transmitter is turned ON.
- 3) IF LED only blinks 2 times - this means you have just turned transmitter OFF. You may immediately pass magnet over bottom again it should turn transmitter on (10 blinks). and
- 4) If transmitter is turned on during a day and hour (GMT time) that it is set up to transmit, you will see LED blink every 10 seconds after the initial start sequence (10 blinks).

Date: Mon, 29 Mar 2004 10:34:18 -0800
From: Denise Parker <Denise.Parker@noaa.gov>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: On, off blinking for SPOT 3's

will be "ON" 7 AM 4/23/04

Yes, if they are turned ON and it is the day and hour they are scheduled to transmit, then after the first initial 10 blinks, then light should blink once every 10 seconds indicating it is transmitting data.

JAPAN DATE
2nd TIME

"George H. Balazs" wrote:

- >
- > roger mahalo mahalo. So, if they happened to be turned ON at the time
- > they are programmed to transmit they will continue to transmit once
- > every 10 sec. That is GOOD info to know, to keep me from jumping
- > overboard from the ship in frustrations as to what the blinking means,
- > or doesn't mean!
- >
- > On Mon, 29 Mar 2004, Denise Parker wrote:
- >
- > > Blinking starts as soon as you pass the magnet over the transmitter.
- > > And then when on it will not blink unless it is on trying to transmit
- > > data to a satellite, when it is scheduled to transmit it should blink
- > > every 10 seconds during the hours programmed..

P.72

RE: APRIL 2004 TRIP

Date: Wed, 31 Mar 2004 10:37:55 -0800
 From: Denise Parker <Denise.Parker@noaa.gov>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re: SDR's

SDR

If an SDR has been programmed in sleep mode (you see blinking 1 time every 20 sec while plug is in) - once the sleep plug has been removed (even if it is replaced) the transmitter LED will blink every 10 seconds whether it is transmitting or not (this is because it is collecting data every 10 sec). When actually transmitting data the LED will actually stay red for longer than a regular flash and you should see this extended light every 45 +/- 10 sec indicating its transmitting.

----- Original Message -----
 From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
 Date: Tuesday, March 30, 2004 2:33 pm
 Subject: SDR's

> sleep mode blinks every 20sec. When transmitting blinks every 10 sec.
 > this is what you wrote to me. But, when sleep plug is out and unit
 > is in
 > the non-transmit portion, what is the blink pattern?

SDR's ID 40649 & 40651

Quarter-Watt, Microprocessor-controlled Satellite-linked Time-Depth Recorder.
 Unit measures depth from 0 to 490 meters with a resolution of 2 meters
 Software version 3.20. Unit number: 03T0104
 ARGOS geolocation id = or 00888E98 (Hex). Registers on uplink/LUT as 546/152
 Unit identifier = 40649. Unit started at 18:20:47 on 03/11/03
 Time (GMT) is 20:40:11.45. Date (GMT) is 24 March 2004

Shallowest depth to be considered a "dive" = 2 meters
 Deepest depth for accumulating surface-timelines (0=dry only) = 0 meters
 SLTDR uses 1-sec / 1/4-sec wakeups when shallower than 20 / 6 meters
 Local time [0-23 hours] corresponding to 00h UT (GMT): 11
 Transmission intervals (at-sea / on-land) = 00:42.00 / 01:27.00
 SLTDR will use on-land interval after 10 consecutive dry transmissions
 SLTDR will not suspend transmissions during extended "Haul-outs".
 Transmissions will be duty cycled with 1 day on and 1 day off
 Daily allowance (1-message transmissions; unused xmits accumulate) = 300
 STATUS will be transmitted every 20 messages.
 Blocks of Time-Lines will be transmitted every 48 messages.
 Hours when SLTDR transmits: 01-02,09-10,16-17
 Upper limits of maximum-depth histogram bins are:
 6, 10, 16, 20, 30, 40, 50, 60, 70, 80, 100, 150, 200, * meters
 Upper limits of dive-duration histogram bins are:
 2, 5, 10, 20, 30, 45, 60, 75, 90, 105, 120, 180, 240, * minutes
 Upper limits of time-at-depth histogram bins are:
 0, 6, 10, 16, 26, 36, 50, 60, 76, 100, 126, 150, 200, * meters
 **** Check these parameters carefully ****. Ready to deploy? y
 Type D to archive depth readings, H to archive histograms: h

Unit is ready for storage in sleep mode, disconnect cable and promptly replace with the sleep plug. Remove sleep plug before deployment.

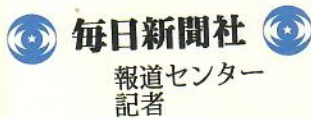
Re: April 2004 TRIP

Date: Mon, 19 Apr 2004 08:38:53 -0700
From: Denise Parker <Denise.Parker@noaa.gov>
To: Will Harrison <wharrison@argosinc.com>
Cc: User Services <DUS@argosinc.com>, ghb <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Argos ID's that will be deployed near Japan around 4/23/04

Aloha Will -
Here is a list of 16 Argos ID's that George will likely deploy off Japan (approx 35.867N 140.233E) around 4/23/04 Japan time.. Could you please double check that these are set up in Argos to transmit to George's ADS for BALAZS "gbalazs@honlab.nmfs.hawaii.edu" and the ADS for "Denise.Parker@noaa.gov"
Thank you -
Mahalo,
Denise Parker

Argos ID	Tech file set up
40649	31 sensors, 8 bit each, AI processing, ALP, MSAT
40651	31 sensors, 8 bit each, AI processing, ALP, MSAT
42716	31 sensors, 8 bit each, AI processing, ALP, MSAT
42718	31 sensors, 8 bit each, AI processing, ALP, MSAT
23474	32 sensors, 8 bit each, AI processing, ALP, MSAT
22181	1 sensor, 16 bit, AI processing, ALP, MSAT
19595	1 sensor, 16 bit, AI processing, ALP, MSAT
22278	1 sensor, 16 bit, AI processing, ALP, MSAT
22278	1 sensor, 16 bit, AI processing, ALP, MSAT
23569	1 sensor, 16 bit, AI processing, ALP, MSAT
22535	1 sensor, 16 bit, AI processing, ALP, MSAT
25360	1 sensor, 16 bit, AI processing, ALP, MSAT
25315	2 sensors, 16 bit each, AI processing, ALP, MSAT
25317	2 sensors, 16 bit each, AI processing, ALP, MSAT
23068	2 sensors, 16 bit each, AI processing, ALP, MSAT
23069	2 sensors, 16 bit each, AI processing, ALP, MSAT

[Part 2, "Card for Denise Parker" Text/X-VCARD (Name:)
["Denise.Parker.vcf"] 12 lines.]
[Unable to print this part.]



乗峯 滋人

中部本社
名古屋市中区正木2-3-1 〒460-8351
TEL: (052)324-1511 FAX: (052)350-3570
携帯: 090-5602-1668
E-mail: norimine@mbx.mainichi.co.jp
愛知県警察記者会毎日新聞専用席
TEL: (052)961-0634 FAX: (052)971-1438

購読のお申し込みは ☎ 0120-468-012

Reporter
April 2004 TRIP



名取再生プロジェクト進行中



Futoshi Iwamoto

Researcher

SEA TURTLE ASSOCIATION OF JAPAN
Nagaomotsuchi5-17-18, Hirakata
Osaka 573-0163 JAPAN
Telephon: +81-72-864-0335
e-mail: futappi@yahoo.co.jp
http://www.wmgame.org

Sept 12, 2004



Dear George



Thank you very much for every-
thing! This trip was very bene-
ficial to us and we enjoyed Hawaii.



We bless you!!

We love George and
Hawaiian sea turtles,



"Honu"

Ya-Ru^{^^}

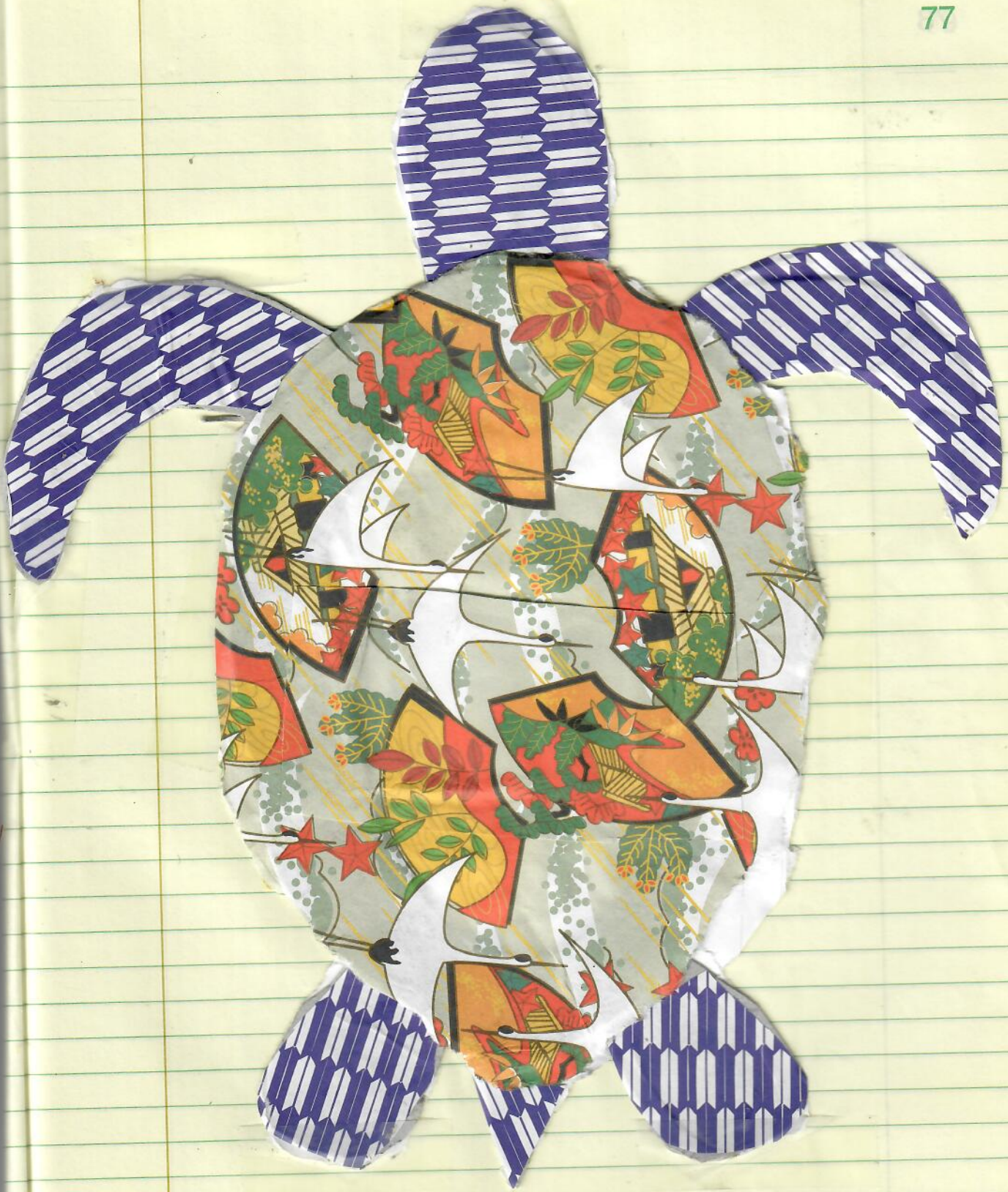
ALOHA



George

Fumi Futoshi





ラグーンステージ

「良いモノはあえてそのままに!!」

LAGOON

いつもの「海」を
楽しんでね。

泡予告



魚群予告



プレミアム
赤魚群予告



必ずサムが出現

ノーマルリーチ



珊瑚礁リーチ



黒潮リーチ



マリンちゃんリーチ



1 マリンちゃん2段階

確変確定!?



「マリンちゃんリーチ」に2段階が登場!!

Futoshi IWAMOTO

587-29 Komatsuricho Kishiwada
Osaka, Japan P.O. Box 596-0821

〒596-0821

大阪府岸和田市小松里町587-29
岩本 大志

9/3-9/12/04
Hawaii ↓

Futoshi Iwamoto 岩本大志

Fumiko NAKATA

2-7-19-502 Soen Ikeda Osaka, Japan
P.O. Box 563-0038

〒563-0038

大阪府池田市葦園 2-7-19-502

中田 史子



Fumiko Nakata 中田史子

新幹線・地下鉄 新大阪駅真ん前



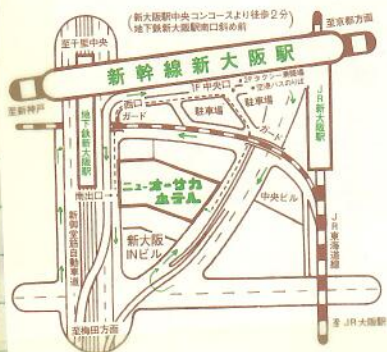
NEW OSAKA HOTEL

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JRで

神戸(三宮)……35分
京都……30分
関西国際空港……45分

地下鉄(御堂筋線)で

梅田……6分
難波……15分
千里中央……15分

空港バスで

大阪空港……25分



9/19

YUKI NAKATA
 2-7-19-502 Suiji Ikada Osaka, Japan
 P.O. BOX 563-0038

563 0038

大阪府池田市花園 2-7-19-502
 中田史子

Yumiko Nakata 中田史子



大浜海岸

ホテル
白い燈台

海亀がやうてくく町「日和佐」は、
海に抱かれていふいふな
心地よきに満ちています。

日々の忙しさに、つい忘れた遊びどころ
日和佐は、そんな旅人を、
ゆったりおらがにつつまてくれる。
どこまでも青い太平洋
ゆうゆうと海中の旅をへてやってくる大海亀
思わず舌つづみを打つ、
黒潮に洗われた、豊かな海の幸。
みよんな、心をひろげて待っていてくれる。

使ってお得! 1万円のキャッシュバック
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Need copy to
TAIWAN BOOK

SEA TURTLE ASSOCIATION OF JAPAN

JULY/AUGUST 2004 TRIP

Date: Sun, 23 May 2004 15:34:31 -1000
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
To: Dr. Kamezaki <JCG03011@nifty.ne.jp>
Subject: Good meeting in Honolulu- hawksbills and leatherbacks

Dear Naoki, the two workshops here in Honolulu went very well, there were good presentation, and lots of useful discussions on research and conservation for both hawksbills and leatherbacks in the Pacific region. The presentations by our Japanese colleagues that could attend were all excellent.

I am writing now to propose a new component of our cooperative research. I would like to visit Osaka in late July or early August. I had already planned on visiting Dr. Cheng in Taiwan so I could easily include both Japan and Taiwan as part of the trip. There would be no direct cost to you.

What I propose to do is to bring 4 satellite tags. We could travel together to nesting beaches of your choice to put them on nesting loggerheads of your choice. I have the transmitters here in my office (ST14's- the larger and more power type that we always use on adults). If time does not allow us to put them all on while I'm there, then I would leave the transmitters with you to put on soon thereafter (this nesting season).

In addition to seeing some of your nesting beaches in person (something I have never done), and facilitating your work with more transmitters, I would also like to have the opportunity to see Muroto Point and the fishery there, and maybe Hiwasa. Maybe a satellite tag could be put on a loggerhead nesting at Hiwasa, if this is a worthwhile location in your opinion.

Such a trip would also give us the opportunity to plan more cooperative future research. And also for me to see what sort of additional funding needs might be helpful for you for possible funding from the Fishery Council to enhance loggerhead production and survival.

I look forward to hearing from you about these ideas.
Best Regards, George

According to the list posted on the CITES webpage
 (<http://www.cites.org/common/reg/si/>) Japan does not have any CITES
 registered
 institutions, so they'll have to issue a separate export permit.

Check out list of permit agencies at
<http://www.cites.org/common/directy/j/japan.html>

This is Scientific Authority that deals with sea turtles:

Resources and Environment Research Division
 Fisheries Agency
 Ministry of Agriculture, Forestry and Fisheries
 1-2-1 Kasumigaseki
 Chiyoda-ku
 TOKYO 100-8907

Tel: +81 (3) 35 02 07 36
 Fax: +81 (3) 35 02 16 82

This is the management Authority that grants permits:
 Management Authority / Autoridad Administrativa / Organe de gestion

1. Trade and Economic Cooperation Bureau
 Ministry of Economy, Trade and Industry (METI)
 1-3-1 Kasumigaseki
 Chiyoda-ku
 TOKYO 100-8901

Tel: +81 (3) 35 01 16 59
 Fax: +81 (3) 35 01 09 97

*NAOKI - you must visit
 Hawaii as my guest
 next year!*

Date: Sun, 30 May 2004 21:05:26 EDT
 From: Yoshimasama@aol.com
 To: gbalazs@honlab.nmfs.hawaii.edu
 Subject: Re: Yakushima study

[The following text is in the "ISO-2022-JP" character set.]
 [Your display is set for the "US-ASCII" character set.]
 [Some characters may be displayed incorrectly.]

Hello George:

This time I will stay in the island only 3 nights.
 If you have Alan and Blair 's book, Loggerhead Sea Turtles,
 please open the chapter 13, in which there is a map of nesting beaches.
 Two beaches #6 and #7 in the map are located in the Yakushima Island.
~~The island is isolated from other big islands of Japan.~~
 There are some boats and flights between the island and Kagoshima,
 which is the most southern part of Kyushu.
 It takes about 40 min by an air plane, about 2 hours by a high-speed
 boat,
 and about 4 hours by a ferryboat.
 There are some flights between Kagoshima and any big city
 like Osaka, Nagoya, and Tokyo.
 So, I will fly from Osaka and make a change at Kagoshima.
 Now it is the time to go.

with my best,
 Yoshi

There is no direct flight from Osaka, nor direct

<u?.F|;-1' 04.5.31 3:35:39!" gbalazs@honlab.nmfs.hawaii.edu
 \$+\${i\$N0zMQ!'>

>I hope your work at Yakushima goes well, for how long will you be on the
 > island?
 > How does one travel to Yakushima from Osaka? Do you go by train and
 > then
 > airplane or boat? Or, direct from Osaka by airplane or boat? I would
 >be
 > interested to know. Best Regards, George
 >
 > On Sun, 30 May 2004 Yoshimasama@aol.com wrote:
 >
 > > Dear George:
 > >
 > > Thank you very much for all your help to get a funding from the
 > council.
 > > Tomorrow I will leave for Yakushima Island and start the project
 > there.
 > > It is good that you will visit Naoki in early August.
 > > I am looking forward to seeing you again in Japan.
 > > I thank you again for giving me a great books. I really enjoyed them.
 > >
 > > with my best,
 > > Yoshi

JAPAN July - August 2004 TRIP

Date: Mon, 14 Jun 2004 12:18:22 +0900
 From: Naoki Kamezaki <JCG03011@nifty.ne.jp>
 To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re: To confirm my time in Osaka

Reduce

Dear George

I had received transmitter ST14. Thank you.

Now, I am making the your schedule with me in Japan.
 It is very busy. Is it OK?

JAPAN
Reduce

Naoki

1 Sunday ITAMI
 1st August Meet in Kansai Airport in the afternoon (please tell me
 arrival time)

Flight to Kagoshima Hotel in Kagoshima

2nd Mon

courtesy call for Kagoshima Prefectural Office
 Ship to Yakushima
 courtesy call for Yakushima Town Office
 Visit to nesting site of Yakushima. Most important nesting

beach in Japan.

Stay in Yakushima

3rd Tue

Fly to the Shikoku
Visiting the Muroto. Our research site.
 Stay in Muroto

4th Wed

move to Hiwasa
 courtesy call for Hiwasa Town Office and meeting Yasuo
Kondo, he is an oldest researcher for sea turtle in Japan.
 Stay in Hiwasa

5th Thr

move to Osaka
 stay in Osaka

6th Fri

Fly to Taiwan

Reverse

Hiwasa - Destination Guide

Heading south by rail or road from Tokushima you'll be following the rugged coastline, passing by a string of small fishing villages - the best one to stop at is picturesque

HIWASA, 55km from the city, for its intriguing temple, quaint harbour and beach. **Yal** 23rd temple on the Shikoku pilgrimage, is on the hillside as you pull into the train station. The temple's base is surrounded by hotels and giftshops catering to the hordes of pilgrims who regularly pass through. Climb the steps to the main temple area, where the buildings cover an area of 815, and you'll notice a striking statue of a goddess carrying a basket of fish and flanked by two cherry blossoms. Off to the right is a more recently built single-storey pagoda. There's a good view

of Hiwasa's harbour from the platform, but the highlight here is to descend into the pagoda's darkened basement, where for ¥100 you can fumble your way around a pitch-black circular corridor to a central gallery containing Brueghel-like painted depictions of all the torturings. In a second gallery is long scroll showing the steady decay of a beautiful, but dead, young woman.

About 1km south of the harbour, the reconstructed castle **Hiwasa-jo** (daily 9am-5pm; admission ¥100) is only worth visiting for its impressive view of the town. The better option is to head directly to Ohama beach, north of the harbour, where **turtles** lay their eggs between May and August. During this time, the beach is roped off and spectators must watch the action from a distance. For a closer look at the turtles, make your way to **Hiwasa Chelonian Museum** (daily 9am-5pm; ¥600), beside the beach. The displays are mainly in Japanese, but are very visual. Step-by-step photos of turtles laying eggs and you'll see the turtles themselves swimming in indoor and outdoor pools.

Hiwasa is 55 minutes from Tokushima by limited express train, or one hour and 45 minutes by the more frequent local trains, and makes a good day-trip or a stop en route to or from Misaki. There's a very run-down **youth hostel** on the road to the beach (tel 08847/7-1170; under ¥3000), but you're better off staying at one of the hotels near the beach - try the **Lighthouse** (tel 08847/7-1170; ¥20,000-30,000), where the rates include two meals in a restaurant with a good view of the beach.

8/3-4/04 "Return to Hiwasa - A dream fulfilled and one(s) yet to be realized"
Tues. - Wed.

Aug 1988 - August 2004
16-YEARS CATER

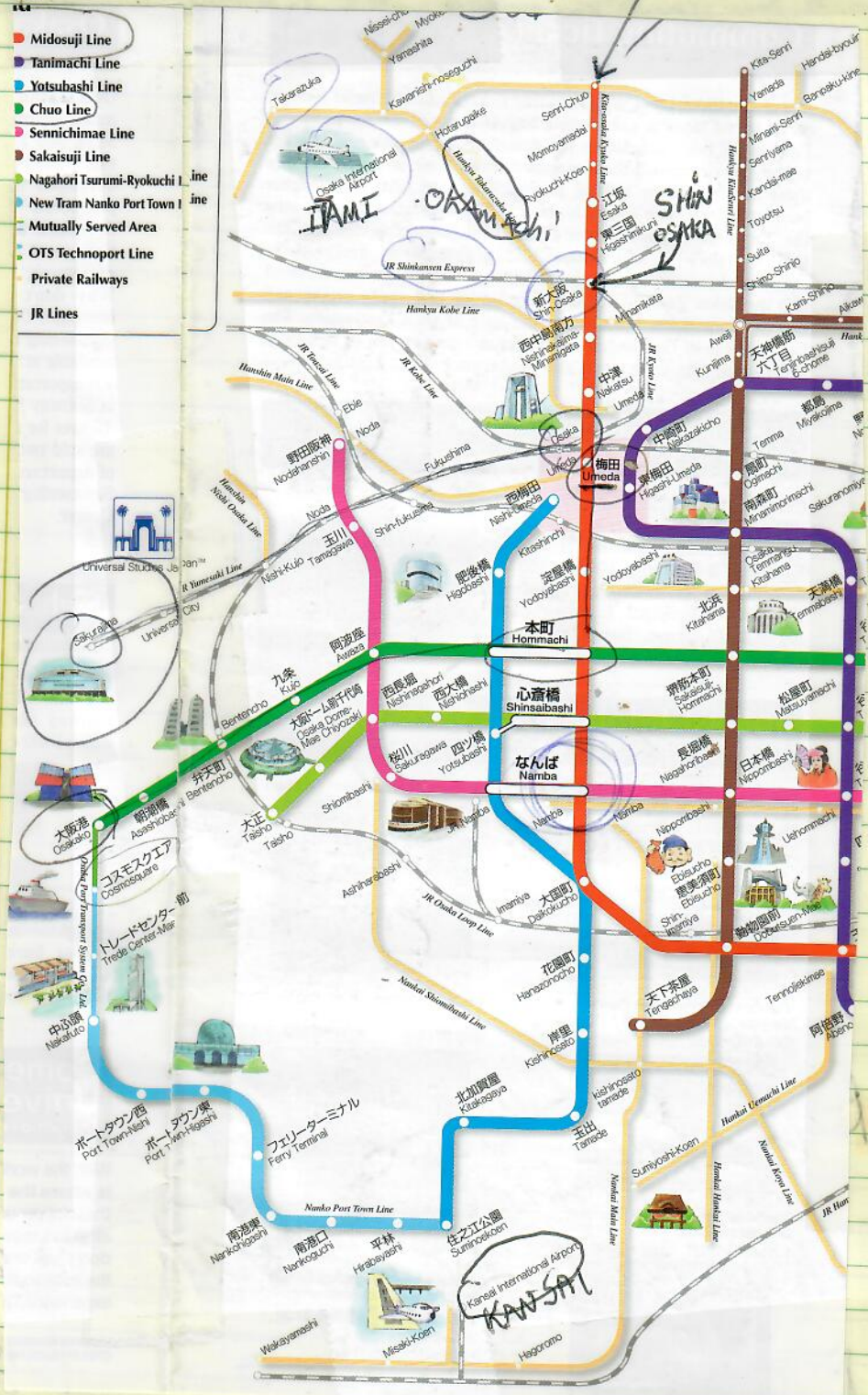
"A Beacon of Hope"

see Kando
Mr. quote

OSAKA

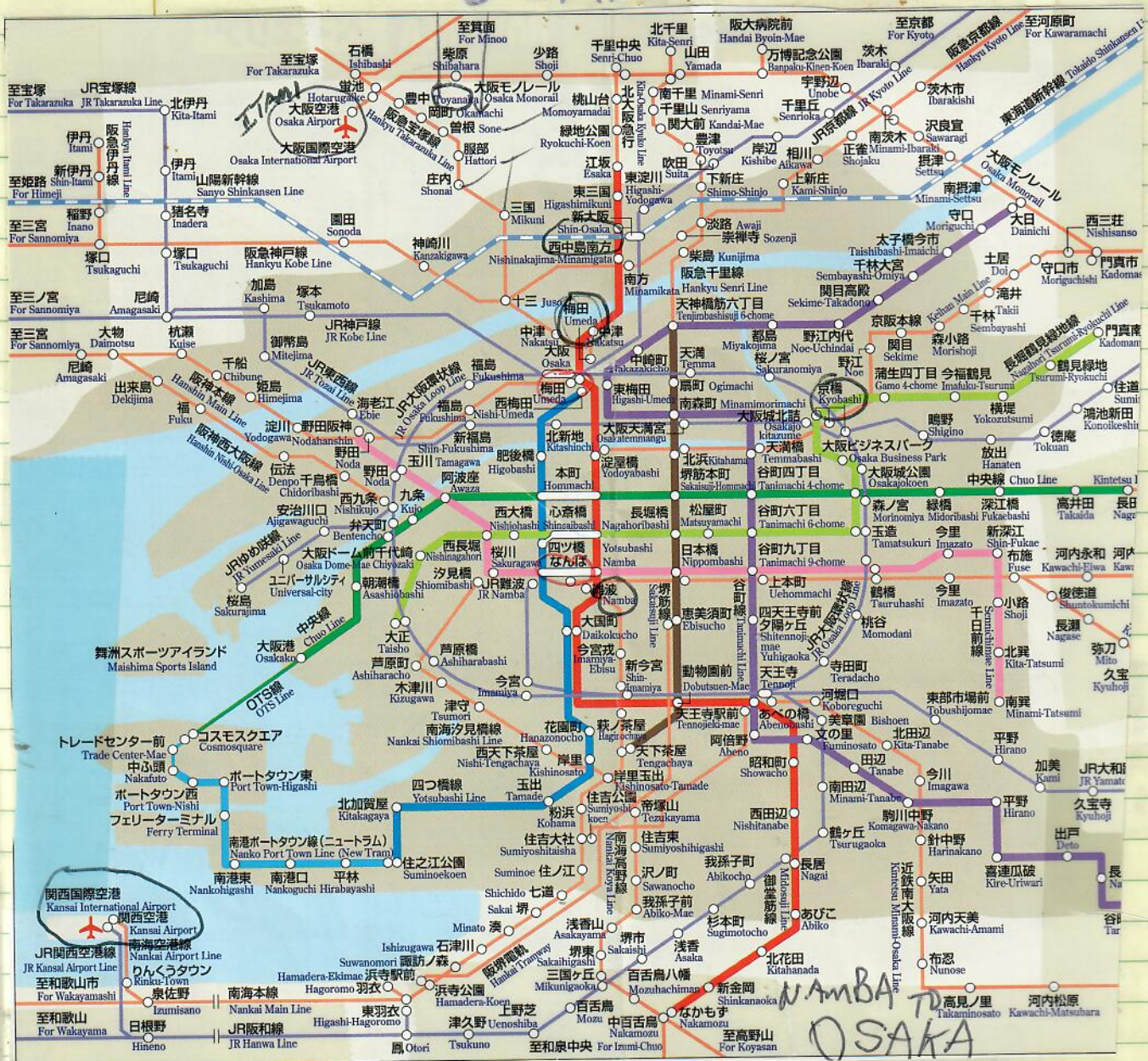
MIDOSUJI LINE

- Midosuji Line
- Tanimachi Line
- Yotsubashi Line
- Chuo Line
- Sennichimae Line
- Sakaisuji Line
- Nagahori Tsurumi-Ryokuchi Line
- New Tram Nanko Port Town Line
- Mutually Served Area
- OTS Technoport Line
- Private Railways
- JR Lines



0405
 9700
 11/11

2011
 11/11
 11/11



NYADO

ゆとりある優雅なフェリーの船旅をお楽しみください。

いしかり

「いしかり」フェリー・オブ・ザ・イヤー '92～'03 12年連続受賞

12th

おかげさまで「いしかり」は、船旅専門誌「クルーズ」の「読者が選ぶフェリー・オブ・ザ・イヤー」を12年連続受賞



特等客室▶

スイートルーム▲

1等客室▶



Subway TRAIN CARD

阪急電鉄

lagare CARD



梅田 行

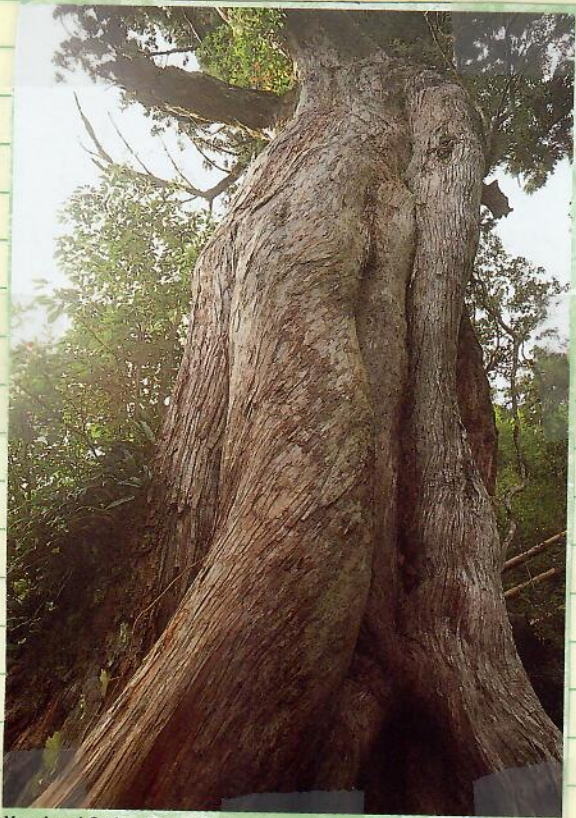
9300

疾走9300系

KANSAI

LAGARE

Yakushima Island
8/2 - 8/3/04



Yayoisugi Cedar, Top 100 Megafloora of Japan

他の可能性も考えられていた。

川村教授らの実験は、巣穴から出て一四目目で、まだ海を知らないウミガメを使用。紫外線を当てると心電図に変化が生じることが確認されたほか、T字型の迷路で、同じ程度の強さの可視光と紫外線で誘導すると、紫外線に誘導されるウミガメは可視光に反応する数の四倍となった。

紫外線は海の方が陸よりも強く、新月の夜でも一定程度の紫外線が発せられていることから、ウミガメは主に紫外線に導かれて海に向かうとみられるという。

川村教授は「満月と新月で、巣穴から出るウミガメの数に極端な差はないが、もし月などの光だけが頼りなら、満月時に偏るはずだ。そうならないことも、ウミガメが紫外線を頼りに海に向かう有力な証拠では」と話している。研究成果は鹿児島市で開かれた日本水産学会で発表された。

ULTRAViolet Light

西陛下、植樹祭に出席

森林の保全を主目的にした全国植樹祭が二十五日、宮崎県西郷市の特別史跡公園四都府古蹟群で開催され、天皇、皇后陛下が出席された。約一万人が参加した式典で天皇陛下は「森林や緑への関心が高まり、多くの人が熱く取り組んでいることを大変心強く思います」とあいさつされた。

Turtle or...

4/26/04
ウミガメ赤ちゃん 暗闇でも海に

紫外線が誘導か

大表
鹿兒島
教授ら発表

ふ化したばかりのウミガメの赤ちゃんが真っ暗な海に向かう「向海行動」は、月などの光よりも海面から発せられる紫外線に誘導されている可能性が高いことを、鹿児島大学の川村重蔵教授（行動生理学）らの研究グループが、二十五日までに突き止めた。ふ化直後のウミガメの向海行動は海面に反射した月光などを頼りにしているとの説が有力だったが、しかし、新月の夜のように真っ暗な中でも海にきちんと向かうため、

ウミガメの謎 解明に期待

港区港町の名古屋港水族館で二十一日、ウミガメの回遊経路などを調べるため、海へ放流するアカウミガメ十三頭（一歳十頭、三歳三頭）とアオウミガメ二頭（二歳）の計十五頭の甲羅に、小型送信機を取り付ける作業を終えた。二十二日に名古屋港を出港、二十三日早朝に房総半島沖の黒潮流域で放す。

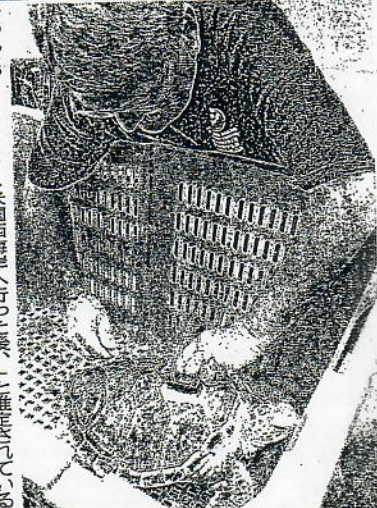
名港水族館

同水族館とNOAA（米国海洋大気局）がウミガメの保護対策に役立ててきた。子ガメを対象に行っている共同研究で、放流は二回目。従来は同水族館で生まれ育ったアカウミガメだけだったが、今回は沖繩・久米島ウミガメ館から寄贈されたアオウミガメ二頭

送信機付け回遊行動調査

と、カナダの水族館に三年間貸し出していたアカウミガメ二頭（三歳）も放流する。カナダ育ちの二頭には、位置のほかに潜水深度も分かる送信機を取り付けた。

作業はNOAAウミガメ専門官のジョージ・バラース博士が来日して行われた。日本でふ化したアカウミガメは、黒潮に乗って



アオウミガメに小型送信機を取り付けるバラース博士＝港区の名古屋港水族館で

あす放流 カナダ育ちの2頭も

米国西海岸へ行った後、南下して赤道北側を回遊の四、十一月に放流したウミガメでは、ハワイ西のミッドウェー島近くまで達している個体も。と推定されている。昨年若い個体は日本近海で生活していると考えられるものの、その行動はよく分かっておらず、謎の解明が期待されている。

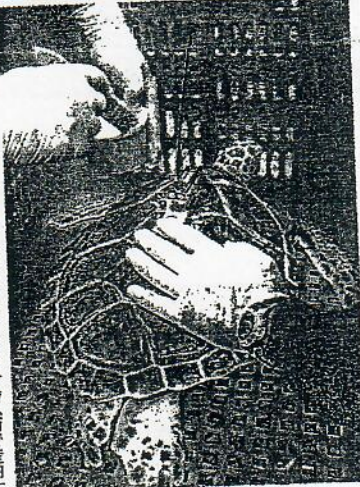
今回、日本でふ化した後、カナダで育ったアカウミガメがどんな行動を取るか注目される。アカウミガメは年を重ねると、海中深くで生活する時間が長くなるという、潜水深度をみることで遊泳行動もより詳しく調べることができるとい

カナダ育ち、どこを目指す？

名古屋港水族館 ウミガメ放流調査

カナダと名古屋で育ったウミガメは行動がどう違うのか。ウミガメを放流して生息を調べている名古屋港水族館（港区）が、こんな研究に取り組む。位置と潜る深さを調べる小型機器を取り付け

た子ガメの行動を、人工衛星を使って追跡する。23日、千葉県の房総半島沖で放流する予定だ。ウミガメの生息は不明な部分が多い。特に子ガメの行動は謎だ。このため、同水族館は昨年



背中に取り付け小型送信機で、位置や潜る深さがわかる一名古屋港水族館で

米海洋大気局（NOAA）と協力、送信機を取り付けたアカウミガメの子どもを計24匹放流し、その行動を調べている。3回目は今回15匹を放流する。このうち2匹（3歳）は、同水族館で生まれた後、研究のため3年間、カナダのバンクーバー水族館に「留学」していたガメだ。

多摩水族館に「留学」したウミガメは、カナダで同水生動物園で育てられ、放流後、

メと同じ行動をするのか。それも慣れた北米の地を目指すのか。3年間の海外生活が行動にどのように影響するのか、同水族館は関心を持って

島以南で産卵するアオウミガメも初めて放流する。

KINTETSU Line
近鉄発車時刻表

近鉄難波駅

近鉄監修 Kintetsu 1950 © 1950 平成15年3月6日変更



伊勢野の近郊内
名古屋行(ノストッパ)特急=上本町・鶴橋から名古屋まで止まりません。
但し、伊印=八木・ノストッパ=印にも停車。上印=津・西日守・桑名にも停車。
名古屋行(ノストッパ)特急=上本町・鶴橋・八木・名古屋・桑名・白子・西日守・桑名
桑名行
(伊)=八木で賢路行に連絡。(高)=四日守で津の山陽線行に連絡
賢路行(ノストッパ)特急=上本町・鶴橋・宇治山田・高野・志摩線(高野)・東方
賢路行(ノストッパ)特急=上本町・鶴橋・宇治山田・高野・志摩線(高野)・東方
中川・船場・伊勢丹・宇治山田・高野・志摩線(高野)・東方
松原・名張行特急=上本町・鶴橋・高田・小浜・橋本・名張・伊賀神戶・
津浦線(高野)・中川
伊賀神戶行特急=上本町・鶴橋・生駒・宇治山田・西大寺
賢路行特急=日本橋・上本町・鶴橋・生駒・宇治山田・西大寺・新大宮
賢路行特急=日本橋・上本町・鶴橋・石切・生駒・宇治山田・西大寺・新大宮
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賢路行特急=日本橋・上本町・鶴橋・石切・生駒・宇治山田・西大寺・新大宮
賢路行特急=日本橋・上本町・鶴橋・石切・生駒・宇治山田・西大寺・新大宮

近鉄難波駅 発車時刻表 平日用

行先・種別	5	6	7	8	9	10	11
名古屋(ノストッパ) 特急			00	00	00	00	00
名古屋 特急			30	30	30	30	30
松阪 特急					5	5	5
奈良 特急					35		
奈良 快速行	38	33	6	19	1	11	2
奈良 急行	37	32	1	13	1	11	2
奈良 準急	30	25	16	26	14	16	
奈良 普通	27	22	8	17	14	14	
西大寺 準急			30	36	34	37	
西大寺 普通			29	35	33	36	
東生駒 普通	17	4	3	9	6	6	
醍醐山 普通	36						
東花園 普通			41	6			

12	13	14	15	16	17	18	19	20	21	22
0	0	0	0	0	0	0	0	0	0	0
30	30	30	30	30	30	30	30	30	30	30
5	5	5	5	5	5	5	5	5	5	5
				35	35	35	35	35	35	35
2	2	2	2	2	2	2	2	2	2	2
11	11	11	11	11	11	11	11	11	11	11
38	33	6	19	1	11	2	10	2	11	2
37	32	1	13	1	11	2	10	2	11	2
30	25	16	26	14	16					
27	22	8	17	14	14					
		30	36	34	37					
		29	35	33	36					
17	4	3	9	6	6					
36										
		41	6							

千日前ファミリーポウル 団体予約受付中
難波・日本橋駅 徒歩5分 ☎06-6633-6221

千日前ファミリーポウル 団体予約受付中
難波・日本橋駅 徒歩5分 ☎06-6633-6221

FAMOUS NOODLE SHOP



OUTSKIRTS OF TAKAMATSU 店舗のご案内

8/3/04 手打 もり家



KINKI NIPPON RAILWAY ROUTE GUIDE



KINTETSU CORPORATION

APRIL 2004 Schedule at 4/21/04 Meeting

時間計画		
日時	内容	備考
22日 Monday	4/22/04 - Bleed	
10:30	補液 - PIT	2000年産③、2002年産② 3A
13:00	車への積載開始 / LOAD ship	
13:30	積載終了・水族館 発 Turtles	タウンエース、2t車、エブリ
14:00	フェリー積載開始 ON BOAT	
15:00	積み込み終了 FINISHED	
20:00	名古屋港発 DEPART	
	?? ウミガメ展示説明 ✓	
23日 Friday		
4:15	準備作業開始 wake up	
5:15	エンジンニュートラル Slow Down	
5:30	速度約5ノット (5KT)	
	放流開始 Release TURTLES	Lat Long, Depth, Temperature
6:00 5:45	放流終了 FINISH	
	後片付け	
13:30	館長レクチャー Lecture Ichida	14:30まで
17:00	仙台港 着	



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KIYOMIZU TEMPLE
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God ^{KANNON} at MERCY =

HPA Teacher Participates in Historic Deployment Of Satellite Tagged Loggerhead Sea Turtles



"A better understanding of the pelagic migratory habits of juvenile loggerheads could lead to the development of important strategies for the conservation of this species in the North Pacific."

George Balazs (left) and Marc Rice with juvenile loggerhead turtles at the Port of Nagoya Public Aquarium.

Marc Rice, HPA assistant headmaster and science teacher, recently participated in the largest single deployment of satellite tagged animals anywhere in the world.

Rice, who also directs the Sea Turtle Research Program at HPA, joined George Balazs, leader of the Hawaiian Marine Turtle Research for the National Marine Fisheries Service (NMFS), Honolulu Laboratory, and several colleagues from Japan in attempting to answer the question of oceanic migratory habits of loggerhead turtles through the use of satellite telemetry.

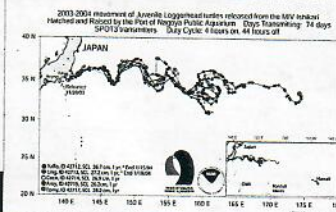
Hatchling and juvenile loggerhead turtles spend many years in the pelagic waters of the North Pacific Ocean where they feed on planktonic organisms. Their travels during these "lost years" are still somewhat of a mystery although it is known that they will often travel many thousands of kilometers as they circumnavigate the north Pacific basin. During their travels they sometimes are caught by long-line fishermen, both by foreign vessels and domestic ones based in Hawaii. A better understanding of the pelagic migratory habits of juvenile loggerheads could lead to the development of important strategies for the conservation of this species in the North Pacific.

In April 2003, Balazs put out seven satellite tags on juvenile loggerhead turtles from the Port of Nagoya Public Aquarium, Nagoya, Japan. These turtles were fitted with ST18 and ST19 satellite tags and released into a region off the shore of Japan where the

Kuroshio current sweeps close to the mainland. The turtles have been tracked for about eight months now and their paths have been amazingly similar, as though they are following some special oceanographic features of the ocean currents. This was not unexpected as it is believed that food items are most abundant along regions where currents converge. By using satellite images of the north Pacific that give temperature, sea level, and other physical and biological (e.g. chlorophyll) measurements, scientists at the NMFS, Honolulu Laboratory will correlate these factors with the observed paths of the tagged loggerheads.

With the introduction of smaller satellite tags this year, it was possible to attach tags to smaller turtles that had been raised at the Port of Nagoya Public Aquarium. The new SPOT 3 tags are small enough that they can be put on turtles that are less than one year old, an age class that was not represented in the earlier studies. Rice and Balazs traveled to Nagoya this past November to deploy 18 satellite tags on 17 loggerhead turtles ranging in size from 25 to 50 centimeters. Each of these tags, as with the previous tags, is fiberglassed to the dorsal carapace of the turtle so that it will remain attached for a period of at least 1.5 years after which it will slough off as the shell grows. This is about the maximum time the batteries will last for the satellite tags.

Over a period of three days, Balazs and Rice attached the tags and placed the turtles into individual pens pending their release. Each of the tags remained in the off mode prior to release in order to conserve battery



power. The turtles were to be released on Nov. 26 about 40 miles offshore in the Kuroshio current, but the ocean was extremely rough and the trip was delayed. The turtles remained very safe and healthy in their individual pens.

On Nov. 27, the seas calmed just enough to make the voyage on board one of the large ferry boats that travels from Nagoya to Sendai, passing through the edge of the Kuroshio current. At about 6:30 a.m. on Nov. 28, each of the turtles, with names such as "Coco," "Byte," "Masa," "Yoko," and "Ama," was lowered in a basket 30 feet over the side of the ship and released into the ocean. Almost immediately, signals began to be picked up by the ARGOS satellites passing overhead at that time. Currently, all 17 turtles are transmitting and giving position data on their whereabouts. As the largest single deployment of satellite tagged animals anywhere in the world, this release, because of its numbers, will give the NMFS a much better understanding of the movement of these endangered turtles as they migrate around the north Pacific basin.



Since 1987, HPA and the NMFS, Honolulu Laboratory, have worked together on a project that enables HPA students to assist the federal agency's investigations of turtles in West Hawaii. The work has grown over the years in scope, magnitude, and importance to overall species conservation. ■

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Japan, U.S. Researchers Go High Tech to Understand Turtles

By MAYA KANEKO
Kyodo News

NAGOYA — Japan's coastal areas are known to be major nesting sites for loggerhead sea turtles, but nobody knows for sure where baby turtles go after they hatch and how they eventually return to the archipelago for nesting.

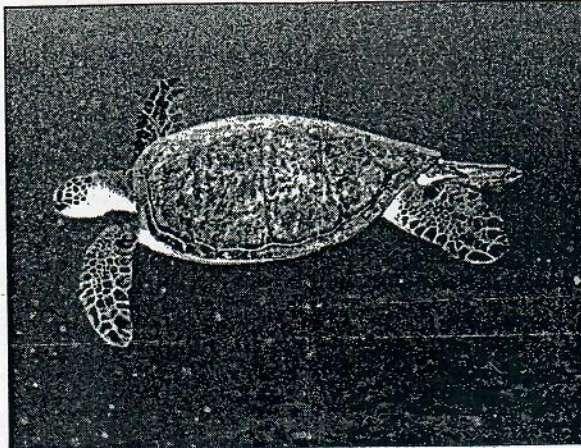
To clear that mystery, researchers in Japan and the United States have jointly embarked on the first-ever project to track the migration of young sea turtles across the Pacific, using a satellite and state-of-the-art transmitters attached to the turtles' shells.

The Nagoya Public Aquarium and the National Oceanic and Atmospheric Organization (NOAA) released a total of 24 loggerhead turtles aged 1 to 4 into the Pacific in April and November from a ferry sailing off the Boso Peninsula in Chiba Prefecture, so that the turtles could swim along the "Kuroshio" black current.

Each turtle is fitted with a U.S.-made transmitter measuring 5 to 13 centimeters in length and weighing 50 to 200 grams and data on the turtle's location are sent to the satellite every time it rises up to the surface of the ocean.

Since the release of the first batch of turtles in late April, researchers have lost contact with one, but found the most advanced turtle was swimming near the international dateline, an area some 2,750 kilometers northwest of Hawaii as of Dec. 9.

"Young turtles are light and they tend to float on the sea current. In theory, they are able to



Kyodo News photo

return to Japan after traveling around the Pacific in two to three years, but we don't see turtles of that age near Japan. I hope this experiment will reveal a part of their life," said Itaru Uchida, 71, head of the aquarium.

All the turtles were born and raised in the Nagoya aquarium. Uchida pointed out that female turtles are biologically programmed to return to their birthplaces for nesting and hoped that the released turtles will return safely, not become victims of shark attacks.

According to Uchida, there are many "missing links" in the life of loggerhead turtles and even when they reach adulthood is not yet clarified. A turtle's sex becomes distinguishable only after its shell grows 70 cm long.

George Balazs, a Hawaii-based NOAA turtle expert working with Uchida, also indicated studies on sea turtles were slow

to progress because there had only been few studies worldwide until about 30 years ago, and technology for understanding habits of the turtles, which spend most of their time under the sea, was not developed.

"There is no way of confirming the age of wild loggerhead turtles and as for male turtles, we have no idea of how they behave and where they live," Uchida said.

The only problem is battery life. The batteries are expected to last up to one and a half years. If the turtles can arrive at the U.S. West Coast during that period and the NOAA can find them and replace the batteries, the joint experiment could continue.

Balazs also stressed the significance of the tracking project, saying it will help determine the turtles' habitats and promote marine resource management by encourage fishing in areas other than those waters.

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