

WASHINGTON, D.C.
12 APRIL 1979

BALAZS-ILIN / SSC - CITES

BALAZS
1979

1979

10 MARCH 1159 PM Depart HONOLULU

11 MARCH 7:30 PM ARRIVE San Jose

12 MARCH - 17 MARCH CNPPA/SSC IUCN Meeting

19 MARCH - 23 MARCH (DEPART SAN JOSE) CITES

24 MARCH GALVESTON - KEMP'S RIDLEYS

25 MARCH 12:30 AM RETURN HONOLULU

10-15 APRIL 1979

WWF Meeting, Washington D.C.



COMPOSITION BOOK

9 3/4 IN. x 7 1/2 IN. (24.8 cm x 19 cm)

AVAILABLE AS:

- No. 09-9130 (1130) 60 SHEETS COLLEGE RULED & MARGIN
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- No. 09-9132 (1130-P) NUMBERED PAGES

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NEEDS LIST

Initiated 24 March 1979 in Houston: (not in priority order)

1. Contact Shomura about Britchard visit (Bill Aron - OFFICE
Pick ROE - OFFICE)
- X 2. Request report from Sylvestre; what happened to Resuscitation?
3. Preliminary membership list to Carr
4. note: No hiale hunting program at Rancho Nuevo; Britchard thinks that decline may be due to shrimp trawling
5. Purse seine problem needs investigation
6. Press release on all aspects of
 - Trip 1) IVCN 2) ^{IVCN} CITES 3) Deputy Chairman
 - 4) Suarez 5) Galveston "kemps" 6) aerial leathery nest survey of Tortuguero with Carr and King (Photos)
 - DOSSIER - IVCN/SSC first - then CITES + old "Wildlife in Danger"
 - 1.) Copy of Newsweek Article (+ other national articles that may appear) → see handouts received
 - 2.) Brief description of SSC - structure of IVCN and Groups - focus on Marine Turtle Group
 - 3.) Copy of Peter Scott letter (?) Appointment as Deputy Chairman - Turtle Problems -
 - 4.) ① Cahill article - Escobilla - Suarez - Hiles to Mexico
 - ② Delisting of Tromelin and Europa
 - ③ Hawksbill Trade
 - 5.) Suarez at Meeting
 - 6.) Mexico - Indonesia - Japan ⇒ Ratify soon; but with Reservations. Chinese observers present
 - 7.) World sea Turtle Conference (?)

- 8.) Possible photos to provide -
- 9.) Visit to Galveston - Kemp's Ridleys
- 10.) Map of Costa Rica (?) nesting survey of leatherbacks with Carr and King

6. Small amount of funds needed for telephone and xeroxing - Contact Wayne, Archie, Jane Fenton, or small proposal to WWF-USA Lorejoy

7. Collection of turtle articles to: Fenton; Fitters; X Calendar to Suzuki

8. Proposal for trip to Japan - WWF - see page 43

9. Query letter to members - list of possible members to Carr

X 10. Request Pritchard report from Sylvester

11. Sea Turtle Biologist position - FWS and NMFS

can only be effective if significant
and timely information is exchanged

Preliminary notes concerning Deputy Chairmanship
of (a reconstituted) IUCN/SSC Marine
Turtle Group -

INPUT AND OUTPUT

- WORLDWIDE NETWORK
FOR INFORMATION EXCHANGE -

1/10/79

1. One-class membership
2. Key persons in key countries, but also individuals who are conservators and who will be active.
- * 3. Contacts with Mainland China
4. Commemorative Stamp issues
5. Information brochure - P&R - Conservation
6. Japanese situation - key role for Uchida?

Assistance - Advice needed from Wayne King
Britchard - Editor? or Car's graduate students

Statement of inauguration - (letter in response to appointment letter).

- * Note that Scripps Ocean. Drs. Munk & Inman to head 10 man delegation of US oceanographers to People's Republic of China.

need
NOTE TO
Them

Note - taking of turtles in Maldives by crews of Japanese long liners - what about all other areas - Bikan, Fiji, IT, NHI, etc. ?

Philippines - Sabah turtle island situation?

Malaysia - Siow - notes newspaper articles proclaiming praise by Turtle Group for Malaysian Hatchery Conservation project.

Should Siow be on Group?

Padre Island Ridley Project - IUCN involvement?

INFILE MEMO →

heijzel info to Mrosovsky? Apparently none - should group advise or comment? why wasn't IUCN turtle Mariculture info sent out by Mrosovsky to over members of Group ?

Bill Rainey to Torres Strait ?

Acceptance letter should be specific for Triammium only.

5 DEC 78 Call from W. King - will be appointed Deputy Chairman -
 Also will attend SSC MEETING 11-18 MARCH 79 San Jose
 CITES 19-31ST

AUSTRALIA will petition for Europa/TOMELIN
 change from Appendix I to II.
 (Should assemble all publications on subjects)

5 JAN 1979 FRIDAY Call from W. King - notification of International
 Conference on Sea Turtles - Washington, D.C. Nov.

5 JAN 1979 FRIDAY Call from N. Mrosovsky.

6 JAN 79 SATURDAY I CALLED A. Carr - [(904) 466-3231]

7 JAN 79 SUNDAY I CALLED N. Mrosovsky (416) 967-3864

10 JAN 79 CALL FROM W. KING

15 JAN 79 I CALLED W. KING (not in)

17 JAN 79 Wednesday Call from Mrosovsky

22 JAN 79 I called King - (220) 5155

note: All participants of IUCN affiliated turtle meeting in Tregganm should read all existing literature on hatchery work - go prepared to comment -
I should compile reference list - news articles, also(?)
note to Mrosorsky

note: WWF proposal for my trip to Japan - Uchida - Tortoiseshell Trade; Suzuki; my translation;
All Group Members need to routinely send copies of articles published to other members.

5 FEB 79 King called - Washington conference will be 25-30 November
Goal to develop a Model Management Program
Week of 12 Feb - Carr, King, Pritchard will have a meeting.

4 FEB
3 FEB

Letter from MROSA - called Australian Consul
Letter from G. Hughes ^{backnote}

NOTES:

- 1) ^{in Florida} Cayman meeting about Captive Riddys ^{w/ Mittogs, Leo, George Hughes,} (April 6)
- 2) Show on Group - How? Who?
Papers have to be sent to Show from within Malaysia.

LOST-YEAR PUZZLE - TIME TO SOLVE

- LIMPOS RESTRICTED BY HIS
- Government - employed by Government -
- poor correspondent -
- considers Kowalsky

Pritchard - type of tags being used
on Kemp's Riddys - released in
Florida?

^{Backnote} answer - Standard Monel size 681
reported that live fish are fed to
captive animals in order to
stimulate activity

PAA - 955-9141 Honolulu

- arrival day for meeting is 11 March, Sun

Depart Hono	11:59 PM WA	9 March	732
Depart LA	10:15 AM PA	10 March	515
Arrive SJ	7:30 PM PA	"	

#842.00 total 30 day excursion fare

Reservation
made
3 March 1979
SATURDAY

Depart Hono	11:59 PM WA	10 March	Saturday	FL 732
Arrive LA	6:59	11 March	Sunday	
Depart LA	10:15	PA	FL 515	
Arrive Guatemala City	4:30 PM			
Depart "	5:30 PM	FL 541		
Arrive San Jose	7:00 PM	11 March	Sun	

Costa Rica, Need list:

- Map of Latin America
- Carl's most recent publications at home
- Pacific Coast turtle publications
- Hawaii stickers for suitcase
- Passport - tourist card
- Pens - pencils - yellow pad
- Color booklet ~~X~~ - Bio Carl ~~X~~ paper.

Approved list SSC / Specialist Group Meetings - Ives
 for travel funds -
 Contact John Cooper - Helfrich

14 COSTA RICA

SAN JOSE

10 MARCH **D**epart 11:59 AM Western Airlines for LA,
11 MARCH 1979 Depart LA Pan Am 747 at ~10:30 AM
SATURDAY local time for Guatemala City
Arrive in Costa Rica 7:30 PM local
Checked in to Cariori Hotel - driven
\$1.00 to Bus Boy

Country Life: February 15, 1979
Tracking the Turtle p. 393-395
Janet Coates Barber
WWF

from airport by Parks Dept.
Met Kelger, Bob Lyle, Warren King
Leucas,

Sharing room 106 with Mohand

12 March - up 4:06 AM - breakfast buffet -
MONDAY Met Monell - head of National Parks
Dominican Republic
- 8:15 AM - to San Jose for meeting session

- Peter Pritchard and Cible's wife
- Duke Campbell
- Adams
- Felner

Sally
and head of
turtle ranch
in Suriname

San Jose
12 March 1979
Monday

Nature Conservation

Protected areas

235 ^{personnel} in

Costa Rican National Parks Service

Wild land State - need clear strategies

Reserves

Sanctuary

Costa Rica 553,000 km² total area

2:15 PM →

Joint session meeting

John Ridge -

Recently returned from Cayman

240 people

→ 2-3% of Cayman population employed

→ New members of SSC by Farm.

→ Adviser to UK government

London Wildlife

in Nature Conservancy Council

(His office)

{NCC}

— Funded checklist of endangered reptiles
of the world

13,000
0.02
240.00
0.24%

(% of labor force)?

16

$11.7 = 12.4$ each
825.1185
150
85650

Hotel - \$36.00 includes breakfast for double room

12 MARCH 79

MONDAY

SAN JOSE

Room 166 and Rm 112 luggage drop

Office of International Affairs
FWS representative here: Jerry
Bertram

Hotel Costa Rica
+ one next door

from Felger: Dennis Cornejo
Involved in Management - Mexico
→ Should attend November meeting

TRAFFIC Group - translating and
John (Burton) compiling Hawkbill Trade -
World Wide

Milton Kaufman - suggested that
Recovery Teams may be
established on the West
Coast in the near future (?)

" Serengeti Presentation
Nature Conservation as a part of development

World Heritage Convention - UNESCO

~ 4 PM - SSC session alone.

12 MARCH 79

MONDAY

42 Specialist Groups

4.42 million swiss francs (for the Secretariat) ^{30-40 people on staff}
 25% - by members
 25% - by UNEP
 25% - WWF
 25% - multiple sources
 INTO SSC \$22,000 US

- Programming Cycle - read and understand it -
 - get into cycle

Requests for funding (sponsoring) chairmanship
 of certain Groups
 (National appeals?)

Must relate - correspond through the Commission
 - Group Chairman → Chairman of Commission →
Executive offices

"Adding expertise to Group to enhance"
 "Many disciplines as needed"
Reconstruct - take new directions

Species strategy to feed into World strategy -
 NEEDS (form to fill out)

APPX (Action Program to prevent extinction of Species)

18

* Rabbit thesis on Phoenix Is - UH MS

* Back Newsletter Marine Turtle - Kaufman (address -

* Request TRAFFIC Bulletin. ~~done~~12 MARCH 79
MONDAYMany people will not respond to questions;
but will edit - criticize documents sent
around.13 March
TUESDAYDepart for
SANTA ROSA

Red Data books - Consensus of opinions

Up ~ 545 - Breakfast - checked out
of room - Depart for Liberia at
7:15 AM. Stopped at ~ 9:30 at
Restaurant - island card, hat shop.Arrived at motel, checked in and departed
for Santa Rosa, ~~State~~ National Park.
Turned left off Pan Am highway
unto dirt road that is in the
progress of being paved. 70 -oldest ranch house remaining in
Costa Rica - site where, in 1869?
Costa Ricans repelled filibuster
that had taken over Nicaragua
and were working South.Met Dr. Tanjensen of the
University of Pennsylvania
Ecologist working on interactions of
plants and animals -
travels here every year for several
months.Caravan of Toyota jeeps drove us
to the beach - down very rough road.

NANCITE

~~March~~
B MARCH
1979

Tuesday
SANTA
ROSA

Disembarked ~~at~~ jeeps. With
Dan Jensen leading, Penan Ross,
Peter Hitchard, and I passed along trail
up steep hill to top (panoramic view),
and continued along trail to
Nancite Beach. One water spring
along the way; - 1 hour hiking time
in to beach.

Notes on Nancite: 1.) Low to water,
not much slope; 2.) Dark, fine sand (hot),
sample taken; 3.) ~4 foot tide change; 4.) report
very strong currents offshore; 5.) Mangrove
vegetation backdrop; 6.) Nesting occur just
above high tide mark, before vegetation;
7.) lots of egg shells mixed in sand;
8.) report that few storms come in from
the ocean; 9.) Report low level of nesting
all months; 10.) Steven Cornelius shack
still on beach; 11.) One carcass on
beach - ~~photo of me by Peter~~ ^{request}; 12.)
one species of ghost crab reported;
13.) Land crab holes in forest;
14.) Recent evidence of predators digging
into ^{into} nests; 15.) partly eaten hatchlings
on beach; 16.) Leatherback nested
by W a few days ago

14 MARCH 79 Commission meeting opened at Liberia Hotel

WEDNESDAY ~ 8:30 AM

item - Definition of "bred in captivity" - ^{problem} interesting

LIBERIA

FWS Jerry Bertram

Michael Bevan - Lawyer Environment Defense Fund
- Paper: Read by Pritchard

Richard Parsons - FWS - Resolution on
subject by him.

How can foreign company file court injunction
Foreign company ask for relief under US law?

→ Farmed Stock Document - IUCN official policy

Council speaks of the Union between ^(conference) meetings
Quorum present at council - council acts.
"Not here for drafting session - looking
at comments"

14 March
WEDNESDAY
1979

Phrase will remain the same ("captive bred") - recommendation
on interpretation should go to countries

- Give guidelines -

"Intensively Managed population"

- Important issue
- not become a loophole
- consult with SSC groups
- As strong of control as possible

Spanish/French

vs

English

("reared")

"born in captivity"

In between -
"conceived in captivity"

F1
F2

"born in captivity of captive parent"

"born in captivity of parents
born in captivity"

→ Don't buy "rearing" (French/Spanish) definition

22 COSTA RICA

LIBERIA

14 MARCH

1979

WEDNESDAY

MEXICAN
SUNFISH
PROBLEM

Adults → 50% mortality rate *as per*
BJORNDAHL

Hatching - 0.02 to adulthood (stable pop)

Trophy should be treated
as commercial item

Minimum list is a
bureaucratic decision -

"Easily identifiable" - what does it mean?
(unclear definition)

Discouragement of use of a list.

"Devious mind"

- Can-
- 1) Membership ?
- 2) China
- 3) Newsletter editor
- 4) Mexico
- 5) Brochure
- 6) Pritchard meeting

- 7) appoint subcommittees (Action)
- 8) illegal activities

Trophy Museums are a problem

LIBERIA

14 March
1979
WEDNESDAY

prevalent in Malaysia (as per Mohammed)

SINU portion of Islam prohibits eating turtles in Oman because it comes above the water to breathe - other "sect" does not prohibit as per Mohammed

Informed that Dr. Douglas Robinson is working with nesting turtles at Ostional, NOSAI

[Nature Conservancy Council]

Delisting or Rare Species
- Tortoise - HM Seal
- Zoo or Pet trade
- always subject to

Bassinger - "use of subspecies and populations as an effective tool in CITES"

Convention speaks to listing species, subspecies and local populations.

*
PURPOSE
OF CONVENTION

"Keep populations healthy enough throughout their range in order to fulfill ecological role"

Liberia

14 MARCH

79

WEDNESDAY

"Want to protect geographic populations"

List as appropriate, species, subspecies - protect
conserve genetic variability - as biologists
interested in resources

*Should write letter of support to Leitzel & Manufacturing decision

Jerry Bertram - International Affairs

14 March 79
Wed -
Liberia

John Rudge -
Representation:

- UK
- Cayman allegiance to Queen
- 1) Captive breeding
- 2) CITES
- 3) US regulations

farm reared

1975 - ①
 1976 - ②
 1977 - ④ different; - didn't let above breed
 1978 - ⑩ (8) regulated [⑥ produced fertile eggs]

4 from earlier years

→ [3] + 1 still in ground - unknown if fertile

has not taken any wild: since March 1978

[82] employees 2-3% adult male population

↑
full time?

1983 self-sufficing
Projected

14 MARCH 79

WEDNESDAY

2:00 PM

Liberia

1) Antelope Group - Dr. Richard Estes
(except Oryx)

2) Australian mammals

3) Bear Group

4) Bear, Polar - recently met in Denmark; has own TREATY

5) Birds of Paradise - warrenking
- I.C.B.P. - predate IUCN by 25 years

7 working groups: H. Cookedge interested? member

get copy * "Bird Conservation Strategy"

FSS turtles nest on islands with veg. > veg. stimulated by nesting birds

6) Birds of Prey - 30 working members - didn't work well; set out objectives; set up (priority) hierarchy of project selection.

Request from Richard Fyfe (Canada)
[Methods] (now in a position to start)

[Project into a funded project]

Subcommittees with group
Special task forces

7) Bustard Group - Nigel Collar
(Prey)
Oman - arab state, but falconry not practiced

* LIBERIA

→ * Pitchard - write up Kelley Hawaii 27

8) South American Vicuna — report postponed

9) Captive breeding group

10) Genome Group (weird)

11) Cats — Paul Leyhausen (F.R. of Germany)

12) Chiroptera - (bats)

13) Coral Reef Group — includes ^{Smith and Johannes} 10 consultants - (Bernard Seward)
There will be a Vice Chairman on marine affairs within the commission.

14) Cranes - (ICBP)

^{irrepressible} George ^{on way TO CHINA.}
— Spearhead of conservation action all over the world —
Presented by Waverking



Janet Barber
Head of Information & Conservation
WWF UK
29 Sreville St.
London EC1N 8AX.

Compiles Mammal Red Book Data
Interested in Monk Seal

→ Li JANE Thornback

SAN JOSE

14 MARCH 7:00 PM Arrive Hotel Carriari - check-in, dinner,
79

WEDNESDAY

SAN JOSE → Gerardo ^{Terialdo?} ^{aka?} INSTITUTE → LIMON

15 March up ~ 5:30 AM - breakfast 6:15 -
Thursday Informed that Michael Bean and wife are in town.

~ 11 AM, stopped for 1 1/2 hours at Tropical Institute - Nature walk
Gerald Butowski

Arrive Limon ~ 2:30 PM - lunch
Hotel Humac -

Plenary Session = investment with full power (to conduct business)
^{define}
at CITES

- 15. Crocodile - Duke Campbell now chairman
- 16. Freshwater Crustaceans
- 17. Deer
- 18. African Elephant
- 19. Asian Elephant
- 20. African Horse
- 21. Asian Horse
- 22. Freshwater Fish
- 23. Flamingo - ICBP
- 24. S. Horse
- 25. Insectivore

30
Limon

15 March 26.

1979
THURSDAY 27

hogwallow (Hares and rabbits)
neptostoma - 5 members
Secondary level of consultants
Considering for Group - Spiders

Paul Epler - member of Group - Office E.S.
Taiwan - biggest source of commercial
trade; mostly farms

28. Marine Mammals - includes

29. Seal Group - 1 Monk seal
K. Ronald - resigned -
presently looking for a new
chairman

30. Freshwater Mollusks

31. Arabian Oryx

32. Otter - Nicole Duplain

33. Fowls (ICBP)

34. Pheasants

35.

— Extensive discussions on recommendations/
resolution — Mexico Moratorium — Tortoise shell
— Cites Ayst. Proposal

steak dinner at Humar Hotel

Night entertainment by bus at Springfield

LIMON

16 MARCH ~ 7:15 AM to KAHUITA National Park
 FRIDAY Walked along beach to the north; w/carr,
 Pritchard, Thornback, Ridges, P. Ross,
 Barrier reef present, 'shallow' reef flat
 with turtle grass and algae inside. Many
 logs on beach from logging operations -
 down rivers; Discussed eating and
 identifying various algae. Codium is here
 favorite - no local or Spanish name

Maria Luisa Alfaro Bermúdez
 Herido calle 6 av 12-14
 Costa Rica CA

Also noted roots of palm trees, fallen
 trees that could inhibit nesting. Also,
plastic bags from covering bunches of
 bananas are thrown into ocean.
 Made algae collection, pressed - for later
 I.D. by D. Russell.

Photos of groups by Carr, Pritchard,
 others; Vegetation zone ('jungle')
 is only a short distance above high
 water; Very calm offshore; Report
 from Carr that hawksbill
 occasionally nest along here, as well
 as a leatherback sometimes.
 Leatherbacks are now nesting
 along Tortuguero Beach 22 miles

Banks Host Larriessa

16 MARCH
FRIDAY
Returned to San Jose by bus, departing at 3:00 PM -

Note - Hotel - restaurant - Bar in Limon (Ave. 2) - Hotel
Chris Vaughn of Kahuna Nat. Park -
interested in Wildlife

Discussions w/ Carol
- called home

17 MARCH
SATURDAY
SAN JOSE

35.) Threatened Plants - Brian Lucas
Felger - Seagrass
Sylvia Earle - algae

36.) Primates - Russ. Mittermeier

37.) African Rhino

North Yemen - dagger handles only
Aphrodisiac trade - INDIA state
(Guzradi Indians)

Hong Kong - medicine only - brings down
fevers
(closed down in Hong Kong)

What is active ingredient (to bring down fever) in
Rhino horn?

Taiwan and Japan also involved in trade -
South Africa may be an important exporter -

SAN JOSE

17 March 79

SATURDAY

Write to Medical authority in Hong Kong to gain insight

38)

Millions

Peru - Mark
1964 - 5-10,000 in entire country
Now - estimate 70,000
Presently - a lot starving - no rain in district
1977-1978; (

39.) Rodent

40.) Traffic -

report on harp and hooded seal

- will be published in Oryz

- Fur trade in W. Germany - discrepancies

Group chairman should send any information available on trade in species to John Burton, Traffic Group.

41.) Turtle Group

→ Penan Ross will be traveling periodically to Oman (starting next year)

Education program - posters

slide show for schools
Ban all spear fishing, explosives, poisons

Pritchard - 80%

Kemp - 95% hatchery

Felger - 5% to Galveston released 2 weeks ago - 500 - 1000 turtles (but what about meat?)

34 ^{regulations} Tombery "any dead" John - FP Society
SAN JOSE
17 March 79 80% hatchrate - Mexico
51 SSC
"First in a night club"

Sat. Bob Schulz - ^{stated:} postpone discussions till next SSC
where he will have documents read start
results; Report on commercialization/ranching.

Perran
Lovejoy - Major international conference - notice
→ specific topics assigned
- not a "show and tell" of what
folks are doing back home

Notes handed
to SSC chairman
Chairman

Dr. Pierre Devillers Belgium new Sea Bird
Group - as per Warren King
Gazelle Group - Nyal Aztec

Fate of Resolution introduced
by me?

Jerry Bertram:
Lack of support by the Commissions, particularly
SSC
1978-1980 UNEF - \$1.65 million

Council and Bureau - governing bodies of
IUCN between General Assemblies

SSC Next Meeting - Sept-Oct - possibility → UK;
1 yr. from now - FWS support to India
FEB 1980 -

SAN JOSE

17 MARCH 79
SATURDAY

Need to follow-up decisions of last meeting

Request Salaries of Secretariat personnel

2 PM → Address by ^{CRAIG} President of Costa Rica
> talk by ^{CRAIG} MacFarland

was originally scheduled for first day - but postponed due to Panama-Costa Rica dispute

Informed by Mario Boza that Ostional will not be a national park - American company is selling land/development inland of beach; people use eggs to feed pigs - why? why not eat themselves?

MOH'D A. BARWANI
DIRECTOR OF RESEARCH
DIRECTORATE GENERAL OF FISHERIES
BOX 55/
MUSCAT
SULTANATE OF OMAN
ARABIA

TELX MB 3280 PLANDEV

36

Bill ~~Arzon~~ Arzon → NMFS
(BB?)

Tattoo plate
for PIGS -
LIVESTOCK -
FOR TURTLES?

SAN JOSE

Close ~ 6:15 PM

17 MARCH

79

outside dinner party for commissions
Chuck Carr arrived.

SATURDAY

up ~ 6:45; Breakfast with Pritchards;
Carrs; 8:15 → to

TORTUGUERO

SACSA AIRWAYS → PAVAS Airport after going to Pharmacy

18 March

takeoff 9:02 AM

David Leethman
- Pilot (card in book)

Sunday

(Carr, King, Balazs)
CESSNA

T1 AHM SER 31348 MOD 180

land ~ 10:25 AM
at Tortuguero.

Flew East course to
Limon; then from North Bay
along entire coast country
to turtle tracks;

11 AM Take off

(separate data sheet given
to me later by Carr)

11:45 AM land back at PAVAS Airport

(Total flying time as per pilot - 2^h 15^{min})

While doing beach survey, noted lots of
yellow drift scum all along shore - petroleum
pollution?

From Limon to Matina, noted tire tracks
on beach; from Limon to Parismina noted
dwelling; every so often along beach - also
a few people sunbathing on the beach.
Carr saw a leatherhead offshore; made a landing
at Tortuguero - grass strip perhaps 2500'
long.

TORTUGUERO

NEED Photos of Carr's Beach - Turtles (egg color) for Transparency

18 MARCH
79
SUNDAY

National Guard soldiers at Archie's facility - river mouth behind buildings; photos on the ground by King; other I took with Carr's camera in flight; Sampled Tortuguero National Park sand; noted melted tar globules on beach; noted hyacinth rafts going out river;

Carr indicated that when turtles were slaughtered on the beach, carapace thrown into the water was grabbed in shallow water by two Bull sharks who swam of with it and tore in apart. Also, that many sharks have at times been seen close to shore (smaller, though).

Tarpon fishing is popular at Tortuguero.

Take-off about 11 AM (to the south; opposite of landing direction); Set course inland for San Jose; noted house site/ranches where deforestation has occurred; noted Banana plantations;

Landed at 11:45 AM - took taxi to Restaurant in San Jose; Turtle discussions over lunch (Pritchard situation); Walked around San Jose - sidewalk stands; etc.

Returned to Cariari by taxi about 3 PM.

A nearly spherical bivalve -
(Cassio de burro)
Chuchecas

\$1500

\$800 AIR FARE - PAN AM

\$700 Travelers checks

\$151 - Coupon Book

Sunday
18 March Tally \$452

450. US \$52 Colonos →

depart w/ \$700
Travelers
checks

2	53
1851	4500.
	- 425

	250
	255

US 200.00
100
100

6	780
	452

	248
-	151

	97

incidental

3400
180

\$220

send article
Kermadecs

P.H.C. LUCAS (Bing)
Dept. of Lands & Survey
Private Bag
Wellington New Zealand
(Deputy Director General of Lands)

Note:

Lopez (last name) is the head
of wildlife in Costa Rica
[does not speak English]

Jane Thornback, Compiler Mammal RDB
Fauna Preservation Society
% Zoological Society of London
Regents Park
London
England.

19 MARCH 79 Monday
Opening speeches of CITES in
downtown San Jose; Second Conference of the Parties

50 parties -
in a few days 51, with addition of Indonesia

(UNEP) MONIA
UNEP - conservation of endangered species
identified as a priority item of the agency.

(UNEP) (Director) representative
"Preserve diversity of species living on this
planet, a prerequisite for its stability"

next - David Menro

CITES - Entered in force - 1975

→ "Species deteriorating at a perilous rate"

- "Worldwide network of management authorities"
- "pool of advise - best available knowledge"
- "Monitoring for compliance"

19 MARCH
79
Monday

"Trade continues at alarming rate"

"alternate ways of survival for people"

Mario Lopez → Undersecretary of Natural Resources
for Costa Rica

"Complex of flora and fauna"

Russell Train →

12 National Parks

Certificate award to Costa Rican National Park Service
Mario Boza and
President of Costa Rica -

→ 2:30 Start of GITES - using translation
headphones

42

SAN JOSE

382 colones double - on door

306 colones double - quoted price of \$36 to SSC
÷ 2 = 153 colones

19 MARCH
1979

SUN 12	Wed 15	LIMON Sat 18
MON 13	Liberia Thurs. 16	SUN 19
Monday TUES 14	Fri 17	

6 days x 153 = 918 colones

6 days x \$18 US = \$108 171

~~\$36~~

36 - 1

~~\$192~~

~~1,633~~

\$1519.85 colones

\$178.81 paid

19 March 1979
Monday

At ~ 1:30 PM moved to Ambassador Hotel with Perran Ross.

"Lean on folks who aren't playing the game"

"Not enforcement"

"International Political pressure to achieve compliance"

19 MARCH 79
MONDAY

Evening reception at adjacent hotel -
Met Bill Brown (ESSA) ^{Soc} Terns - Lobbied Island;
Richard Roe and ~ 13 advisors - consultants
present for US delegation;

20 MARCH 79
TUESDAY

Allysha bus back to Cariani Hotel -
Breakfast - 8:30 AM meeting of NGO ^{on overnment} _{organization}
US representation present.

John Grandy - ^{Terry} Defenders of Wildlife

Cristina Palasio - NYZS

Michael T. Bean - Environmental Defense Fund

[Bob Cook
Rick Parsons] > US Delegation

- Perran mentioned Tortuguero sand being attracted to magnet.

CITES Session ~~offered~~ offered at ~ 9:30 AM;

Talked to Mr. Yagi - diplomat from Japan
" with delegations - may ratify in the near future.
Cost of tortoiseshell items in Japan is
very high - \$2-3,000. Craftsmen are
highly respected - traditional, but very highly paid.

44 SAN JOSE
20 MARCH 1979
TUESDAY

→ Discussions with John Rudge, Michael Bramble
Federal Register June 1, 1977 Part II

CAYMAN FARM

Captive, self-sustaining populations
only covers US captives
Dr. Michael Bramble (Scientific authority for Mammals UK Delegation)

700,000
Eggs to be born,
20 per bear

Satisfied that it is totally captive; no longer needs outside - gradually switch over to by 1983, second generation products.

1978 ♀ 18 laid eggs [6 fertile + 1 undeveloped]

Present market needs
→ 12,000 slaughtered each year
projected needs 20,000
document
" 50 - 90 ♂ bought from MEXICO

Afternoon session -

Terry Walkerstophen (walkerstophen)
Assistant to the Secretary of Dept Interior
[no budget - no staff] (discussed with him our interest in China sea turtles)

sent follow-up letter

Jerry Bertman - submitted proposal (on China) to generally cover endangered wildlife

20 March 1979
TUESDAY

45

"Bred in Captivity" - F.R. Germany

Remarks by US delegation: aim to further
restrict definition. Not just
born in captivity, but also
reared in captivity.

in addition - animals from
animals farm - no eggs or animals
taken from the wild -
exceptions: ① occasional
② At the beginning

Friends of Animals:

Supports Canada exception -
Endangered species [Appendix I] is
an endangered species.

South Africa:

Are loopholes for abuse -
"Department will have first claim
on any excess from bred in captivity"

Switzerland: two points:

"Canada contradiction"

Australia:

Artificial Insemination -
no need for both parents together

20 March 79
Tuesday

USA - draft resolution will become available. (xerox broken today) *received before departure*

Costa Rica: ? - bad translation -

Germany: Wants to see US resolution

Papua New Guinea:

Bred in captivity covers animals gone wild [Was in stocking program]

Suriname: disagrees -

as per Henry → Case by case between countries International Commerce in endangered species not always bad - can make a contribution to conservation!

USA: Ric Pison - convention by Treaty; export permit required - no detrimental to species -

Germany: some countries are abusing - "bred in captivity" - crocodiles, - just restrict movement ∴ loophole

Committee appointed to resolve definition FR Germany USA UK Brazil

E.D.F. *Mike Bean*: Reliability to produce two generations;

BRAZIL: "See it different" "Certain species can be handled well by gov to provide money and protein for food"
Peru: Supports above - no one can wait 20 years

20 MARCH 79
Tuesday

47

- Hunting trophy issue
- Extinct (species thought to be)

IUCN reception by Casari pool at 8PM;
Telephone call to Honolulu, ~4 minutes

[Guillermo A. Caressa
Servicio de Parques Nacional
Apdo 10094
San Jose, Costa Rica

21 March 79
WEDNESDAY

9:00 AM Session - CITES

Trade in feral species (Australia domestic)
Regulation in trade of Appendix II species;

No. of members in U.S. delegation - 22 - as per
Advisors Consultant Jerry Bertram

Phil Bodem
- Australian delegate - Cause of embarrassment
to government - no their proposal -
in fact, oppose it.

21 MARCH

79

WEDNESDAY

Indonesia - sea turtles

Balij - slaughter green turtles

exports: green and hawksbill

Iran - crocodiles export

F.D. Manual - parts and derivatives and various life stages

"high wet strength paper" suggested to be used in final publication

→ Pritchard has a copy of Hendricks report to Mexican government (supplied by Rene Marquez). Reportedly states that turtles are being overexploited, however backs off on making any critical conservation statements.

1 PM - 5:30 PM Shopping in San Jose; visited real estate, xerox office near Pan Am, 49

21 March 79 Punta Ostronal
Wednesday

Talked to Vivian Silverstein
at Grand Hotel

Cerca Bahía Culebra ?

expropriated land ?

as per
"Celilia" Riba de Tasis

Telephone:
22-80-74

↑ (woman who used to translate for Archie)

Person attending
CITES Meeting
with JOOP Schulz

HENRY A REICHAERT
STINASH
P.O. BOX 436
PARAMARIBO
SURINAME
SOUTH AMERICA.

6 PM

Meeting ^{Carlos translated Kelger present} with Mexican delegates concerning Pacific turtle problems

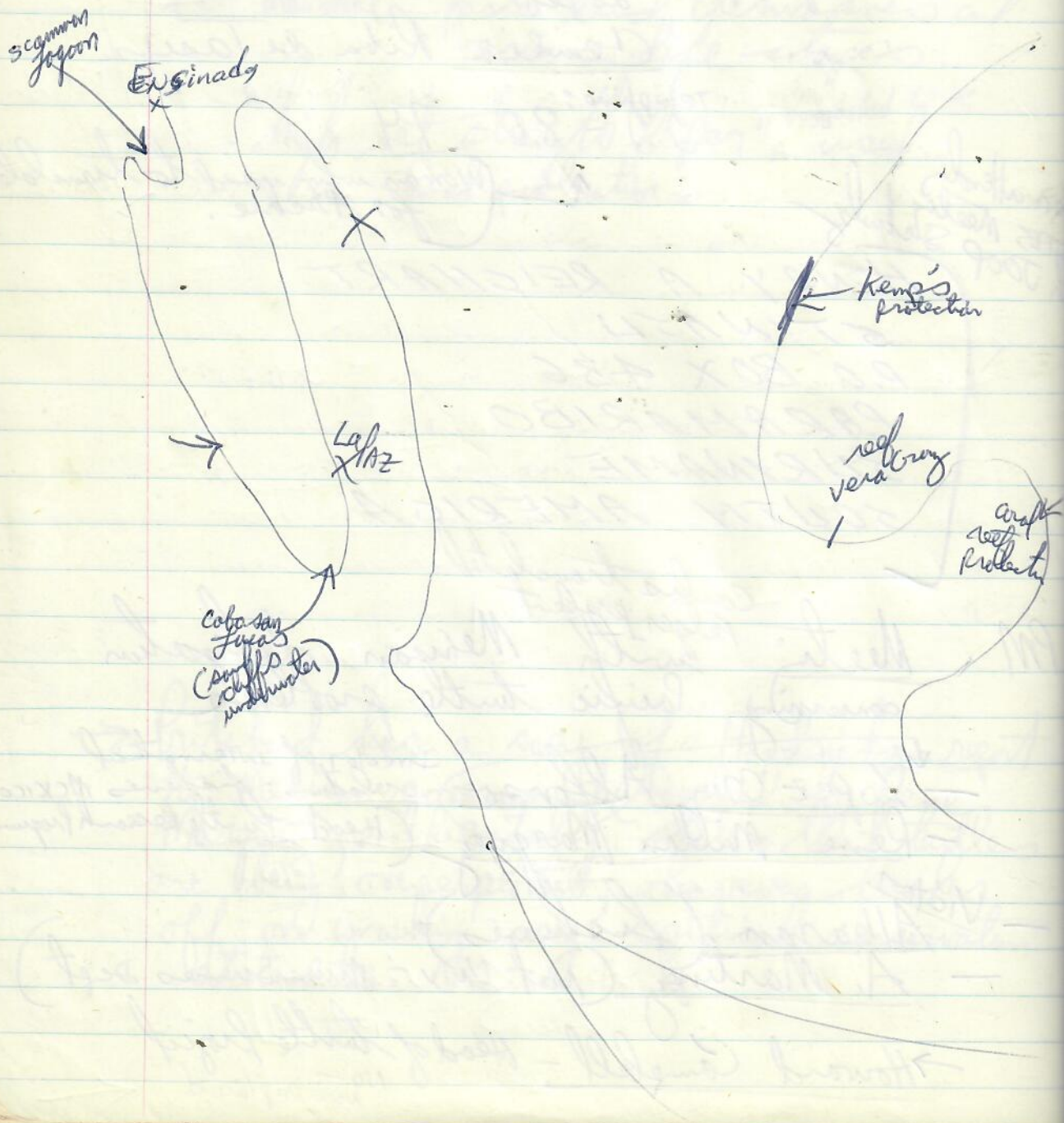
— Lopez Cruz Alfonso ^{Director of international relations fisheries MEXICO}
— Rene Millan Marquez ^(Head - Turtle Research Program)

— Victor Albarán (fisheries)
— A. Martinez (Nat. Univ - Marine Sciences Dept)

→ Howard Campbell - Head of turtle project
^{NO - now replaced}

21 March
1979
Wednesday

Meeting with Mexican delegation, continued:
assigned responsibility of all turtle research



" Plan is to protect certain key areas of turtle activity "

Efforts now being made is to rescue the eggs and place them in protected areas (In certain cases - head starting Pacific and Gull; A large % are held until larvae is hard;

→ Practical scientific component that leads to education of fishermen.

"Quotas in effect are experimental - intentionally set high" - *Butchard comment - "Should have learned from earlier high quotas that wiped out rookery"*

→ Sounds like everything is in fairly good shape! (mentalities)

Two responsibilities: 1) Biologist 2) Administrator/legislator

21 March
Wed.

→ Dinner with Dick Roe -

Unaware of Butchard going to Hawaii in July; Bill Aron's doing (Head of OFFICE);

also discussed -
situation of restricted Fish; emergency critical habitat at Graveyard Ship Channel; Turtles not muddied-in this year - just present in area - practice trawls made.

Mentioned - LAMAR TROTT -
(Knowledge of Micronesia?)

Requests

Information on Marine Parks -

Roger Morales
 Unidad Areas Silvestres
 CATIE, Turrialba
 Costa Rica.

CITES Session - 9 AM
 22 MARCH Breakfast with Duke Campbell -
 79 indicated that he was in Karachi.
 Thursday last year walked on beach at Hawkes
Bay with fisheries officials - apparently
 not slaughtering turtles any more;
 lots of weekend beach homes - cement
 slabs - no signs of resting and
 hatching (ridley and some greens). Campbell
 was also told that there is a group
 of small islands approximately $\frac{2}{3}$ distance
 from Karachi to Afghanistan - many
 nesting both day and night - reported to
 be greens; "as many as Hawkes Bay"

Gave BioCons paper to Chinese delegation
 Should contact:

Mr. Huang Zhou-Jian
 Institute of Zoology
 Academia Sinica
 Peking, China

→ Involved in research that involves turtles in fact.

as per Lere Marquez - Mexican that did most of talking at our meeting of 21 March Wednesday evening
Pedro Mercado
Sub-Director of applied Ecology
Institute of Fisheries

22
~~March 79~~
Thursday

- Ridley leather going to Japan

→ Villabas

Felipe and Carlos to Mexico (?) Arizona
this morning

People's Republic of China
delegation

- Shu Zhong Chang
- Jin Chin Chao
- Wan Cheng Ching
- Tsien Ning Chih

protein
newspaper
article

22 March 1979
Thursday

Lawyer with Mike Bean
E.D.F.

defendant in
Cajman suit

Ken Berlin
U.S. Dept of Justice
Land + Natural Resources Division
Benjamin Franklin Station
P.O. Box 7145
Wash D.C. 20044

Florida Game Commission representative -
wearing felt made of sea turtles
leather - as per Britchard

Milton M. KAUFMANN, President
Monitor International
19102 Roman Way
Garthersburg^(?), Maryland 20760
(301) 948-1831

22 MARCH 79
Thursday

* Request Kato-Pritchard report from
Sylvester

Freshwater turtles are being shipped from Bangladesh to Japan - alive for food - some die in transit, therefore future shipments may be frozen meat only.

Mr. Suzuki gave me a list of yearly statistics of tortoise shell imported into Japan - This shows higher price paid for shell from Atlantic.

Delegation reports that Japan will take reservation on Pacific hawksbills - Suzuki thinks that Atlantic shell contributes more to total importations. (7)

8:30 PM reception by NGOs at Herudva Hotel - reported that Suwayz attended for a short time.

^(Suzuki) Perran Ross pointed out that Robert Redford is very popular in Japan - also a conservationist that may be agreeable to helping to stop trade.

Taxonomic names given by Suzuki:
Atlantic hawksbill - Eretmochelys imbricata imbricata
Pacific hawksbill - Eretmochelys imbricata bissa

→ Pritchard →
what happened to
Project proposal request
by Whitton - Barlett?

check
value

As per Duke Campbell - who used to be in charge of cooperative project? Edward Klima - Director of Galveston Lab - TEXAS
(no permit - working under AWS?)

23 MARCH 79
FRIDAY

airport cab - \$5
Hotel Ambassador - \$60

Depart San Jose - 8:40 AM

US Army helicopter - troops at airport

Breakfast with Jerry, Duke and Clark

Smoking
Volcano

Bayin at airport - ~~stopover at~~ stopovers at

Guatemala City (change plane) and stopover at Mexico City → on to Houston - Checked into Airport Inn, rented car. Customs at

Houston did not ask about WILDLIFE products (Endangered Species) - nor was there anything on forms.

Talked to Mary Churchill
NMFG Galveston Lab
(713) 763-1211 (telephoned from Customs #155)
Will meet Ray Wheeler - "man in charge of turtles."

Backnote:

Chuck Carr works for Florida Audubon Society
About 22 members total - employed (funding sources include trust funds);

24 MARCH 1979 Depart from Airport Inn for Galveston at 7:55 AM. Take Highway 59 to SATURDAY 74 (45 interstate) to the south - total driving time ~ 1 hour 15 minutes - ~ 70 miles.

Arrived ^{10 AM} at NMFS - Galveston Lab adjacent to Texas A & M marine sciences lab - turn off of Seawall Avenue at 45th street. Dr. Edward Klima - Director.

Turtles are housed in rectangular structure - dirt floor



Side view



end view

TOP VIEW

waste water
cement drain-way - empty into the ocean, but "suffers complaints".
Some agency (EPA?) intervened - not
"Hydrogen peroxide is interjected with wastewater"

Ray Wheeler, intermediate supervisor, could not be there.

20 hour week student workers in Marine Science Program were present -

Ray Reese

→ conducted small food study
(gave Oman book)

Tom Schatz

24 MARCH 1979
SATURDAY

Sea water is exchanged each day,
YCC students involved during the week.

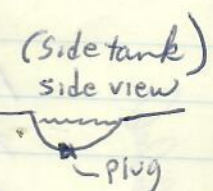
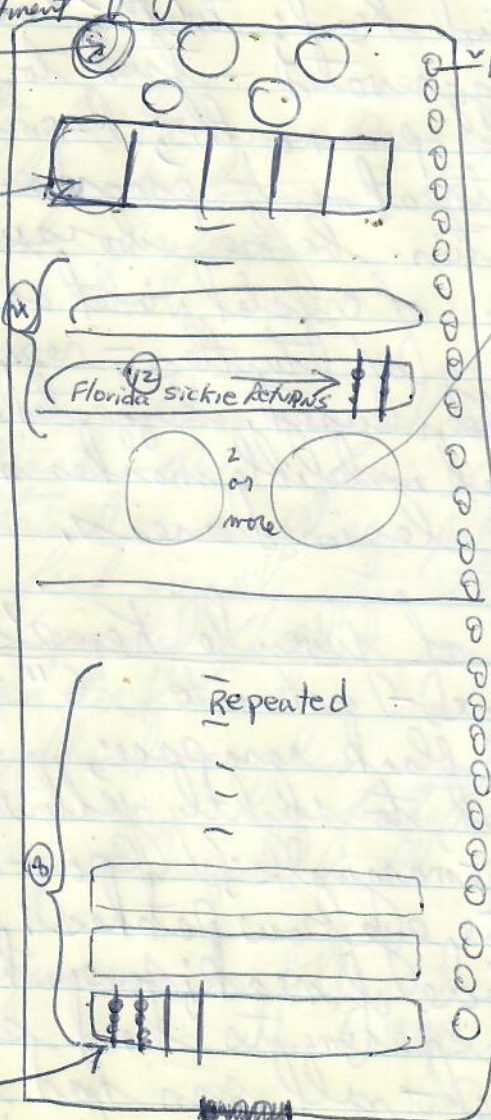
Jim McVey is involved in several projects
"Aquaculture" is his specialty.

Approximate
Floor configurations:

(Shrimp boat)
old restaurant way out on Seawall Boulevard
that serves unusual seafood-

5. Disease treatment
TANKS -
10-15 turtles
each

Density study
~ 25 Turtles
(lots of lesions,
missing
pieces)



inside heating
+ water heating
tanks

12 total raceways
with crossbar buckets
 $= (6 \times 18) 12 =$
1296 Turtles

Density ~ 25
Disease ~ 60
Side tanks ~ 60

TOTAL - 1441
RELIABLE
ESTIMATE

+ Miscellaneous =
~ 1475

18 crossbars on
each raceway
6-10 gal plastic
pails per crossbar

24 MARCH
1979
SATURDAY

Chuck Mally arrived → works for
Dr. Leong (Disease man) -
is injecting .1-.2 cc (depending on size)
of Polycillin-N (Ampicillin Sodium)
(for eye lesions - treating for
10-15 days consecutively); injected in
neck behind head; turtles observed were
greatly aggravated - tried to bite -
very wide open mouth; Reported that as
days of treatment progresses,
aggravation before worse.
No indication of crystal violet or other basic
stain on any of turtles - reported that it
has not been used. Suggested at one time
that black indelible marker might be used
for white lesioned areas.

Reported that methicillin previously used,
signs on disease treatment tanks included
Formalin; Ampicillin; Potassium
permanganate, and combinations thereof

Description of juvenile Kemp's ^{2kg as per Pritchard} observed:
Size range - estimate 6" - 10" S carepace L
Gray-black carapace;
whitish to slightly yellow plastron and
infra-marginals; Gray-blackish head
white eyebrow patches; white on
underside of neck; some white underside of flipper
Several specimens had small extra
centrals - all seen had same number
of laterals on each side.
Large tongue protruding upward when

24 MARCH 79

SATURDAY

mouth opens. This is the widest I have ever seen a sea turtles mouth open.



one turtle observed had additional limb grows from mid-point of front flippers.

While at facility a Dr. Sam Ray entered with three visitors. He knows Barnes, Poison Fish project.

Feed in use since arrival as hatchlings has been "Master-Mix" from Central-Soya-Sample, obtained - small size pellets. Reported that turtles feed readily upon this diet. Apparently (reported) that seafood flesh has never been fed - some was previously fed to loggerheads - also small experiment was carried out using live fishy (mullet) with loggerheads - not repeated with Kemp's.

Loggerhead figures are as follows:

1100 hatchling

120 survivors

24 MARCH
1979
SATURDAY

Mortality of Kemp's thus far - 30%

Most turtles are suspended in individual plastic buckets - ~1 quart capacity - either hole in bottom, or plastic mesh across bottom.

For most turtles, this means almost total confinement - barely room to turn around.

Reportedly placed in these buckets about 2 months ago; previously in raceways together.

Aggressiveness was serious; serious biting of one another - considerably less of a problem with loggerheads.

Report that even turtles who were raised totally separate attacked one another when placed in same container.

Density study has been, and is now, taking place - many lesions and missing limbs, eyes noted -

IS is allowable/justified under Endangered Species Act -?

All mortalities are reported to be in freezers - except for some "shell" that started showing up around campus.

Some post-mortem examinations were carried out - in some cases, intestinal blockage was noted - (thought possibly to be due from food) - "floaty" - symptom also noted of "floaty" -

24 MARCH 79

SATURDAY

unknown if due to intestines or ?

Report that Mickey, or others in charge, rarely visit lab. on some occasion, separated lesioned turtles were ordered to be put back in groups after notification that visitors were coming through.

There may have been several shipment of turtles to Florida for release thus far - shipped on wet foam by air.

No known releases off Galveston. Some tags may have been applied before departure - Ray Reese seemed slightly familiar with the size 681 tag I showed him.

Reported that transmitters were put on some of the turtles in Florida - two ^{or more?} transmitters were subsequently recovered without turtle - Caracuda teeth marks reported in transmitters.

Appropriately ^{or more?} 12 of the turtles were returned from Florida - ^{with} missing pieces of limbs - eyes; Apparently the Miami Seaquarium tried treatment, but with no success.

Workers would like to see remainder of turtles released soon.

150 shipped
just before
christmas

Advised doing plate
count studies -

TAXONOMIC IN
NATURE

24 MARCH
1979

SATURDAY

Turtles at facility are reported to be a mixture of hatchlings from Mexico, and eggs imprinted in Padre Island sand - Some turtles are referred to as Mexican or American.

Marking system consists of numbers for 18 rows and 6 buckets for each raceway -

This system is not reliable because turtles are escaping from buckets and swimming loose in raceway water.

From NMFS lab, I went to "Original Hill's seafood restaurant for lunch & write up notes. Drove all along Seawall Avenue - lots of trash trinket and shell shops - tourists seem to love it. Three stuffed freshwater (diamondback terrapins?) in one store, \$15.00 each.

No turtle (sea) shells in sight - I asked one clerk - no indication that they have been for sale.

Proceeded to ~ 22 St (Hill's seafood outlet - shrimp \$4.50 and \$6.50/lb depending on size) - shrimp boats tie up here. (Also reportedly tie up at 7th street). Noted posted saying that

24 MARCH
1979

GALVESTON

65

SATURDAY

April 29th is the "Blessing of the Fleet" -
shrimp season reported to be April -
October of each year.

Returned to Houston airport -
telephoned Lin (5:45 PM)
at Brick at College Station - (713)

693-3793

Departed for ^{SAN FRANCISCO} ~~LA~~ at ~ 6:30 PM on
National flight 117 727 jet.

Depart San Francisco San Am 25 March 79
~ 9:30 PM - Arrive Honolulu 12:30 AM.



[Faint, illegible handwriting in pencil or light ink, covering most of the page below the photograph.]

19 MARCH 1979

Playas de la Isla Uvita
Beach of the Uvita Island
LIMON, COSTA RICA, C. A.
Fotografiado por Eugenio Vargas G.

Monday

This is the first day of the
CITES convention and the
about 50 countries represented.
Thus far it has been very
boring except for the opening
addresses this morning at a
theatre in the middle of the city.
The picture on the front is
the same kind of beach we all
walked on at Cahuita National
Park near Limon. Archie gave
us an interesting nature talk.
Archie left this morning for a short
stay in Panama to check on some
turtles, love to all and
miss everyone very much.



AIR MAIL

BALAZS

992-A AWAAWAAANO A

HONOLULU, HAWAII
96825 U.S.A.

IMPRESO EN FOTOLITOGRAFIA UNIVERSAL SAN JOSE COSTA RICA

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99

64

19 MAR 1979

→ SHOULD THIS PROJECT CONTINUE DURING
SUBSEQUENT YEARS?

67

FINDINGS - RECOMMENDATIONS OF GALVESTON - KEMP'S RIDLEY VISIT

(500 2kg turtles released in Florida
2 wks ago as per Writchard, SSC)

- 1.) Absence of efforts to acclimate animals
for life in the wild; in individual plastic
buckets - barely room to turn around for
most; Have been fed only artificial pellets
(for ~2 months now)
- 2.) ~1500 total remaining (30% survival, thus far)
Many are healthy - however, many
others are severely bitten - eyes and pieces
of flippers missing, [some returned from Florida - ^{Bad} shape]
- 3.) Experimentation being conducted - Density and
Disease treatments [Potassium permanganate, Formalin,
injections of Ampicillin] - No Crystal Violet

Floating

Head Start - conveyances -

- 1) food - float
- 2) containers - 10 quart
- 3) biting each other
- 4) toys

- Scheduled to be a 10 year program

31 March 79
Saturday

Called Archie Carr →
at (904) 466-3231

- 1.) Quite agreeable to coming to Honolulu in July or August; Give him firm dates
- 2.) Five tag recoveries thus far of Kemp's ridleys - one in ~~Florida~~ lot - Key Biscayne. All appear starving.
Larry Green has resigned from Head Start advisory committee
- 3.) Carr may go up to Washington meeting

Head Start conveyances -

- 1.) food - floating
- 2.) Containers - 10 quart
- 3.) biting each other
- 4.) tags

— scheduled to be a 10 year program

San Jose, Costa Rica

Tel. 39-00-22
Ext. 213

VILLAS DE
Cariori
COSTA RICA



RAY OSBORNE
Group Executive

Consorcio Ibero
Americano de Inversiones S.A.

*- Ostrival
- flew DC-3 to
Suriname
brought back
eggs to Cayman
5 years ago*



WORLD
WILDLIFE
FUND-U.S.

VIVIAN SILVERSTEIN-FELGÈRE
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*Nancy Hammond
new Program
Administrator*

*Mary Bombigan
island in the AZORES,
as well as seabird
rookery in Puerto
Rico -
plus - FDM*

ENVIRONMENTAL DEFENSE FUND

MICHAEL J. BEAN
ATTORNEY
CHAIRMAN, WILDLIFE PROGRAM

1525 18TH STREET, N.W.
WASHINGTON, D.C. 20036
(202) 833-1484

*request new
Hendrickson
report -
species
differentiation*

NORITAKA ICHIDA

EXECUTIVE DIRECTOR

WILD BIRD SOCIETY OF JAPAN



*Tsutomu Suzuki
Chief of International Committee*

AOYAMA FLOWER BUILDING
1-1-4 SHIBUYA
SHIBUYA-KU, TOKYO 150
JAPAN
TEL: TOKYO (03) 406-7141

*sent
seabird
calendar*

FEDERICO MEDEM M.
PROFESOR TITULAR

see other side

Apdo. Aéreo 2261

Teléfono 2752

VILLAVICENCIO (META)
COLOMBIA, S. Am.

GODOFREDO STUTZIN

see other side

CASILLA 3016

SANTIAGO - CHILE

Bernard SALVAT
Directeur aux Hautes Études

Laboratoire de Biologie Marine et de Malacologie
ÉCOLE PRATIQUE DES HAUTES ÉTUDES
Tél. 587.30.55 55. Rue de Buffon 75005 PARIS

Antenne de Tahiti-Moorea
MUSEUM NATIONAL D'HISTOIRE NATURELLE ET HAUTES ÉTUDES
B. P. 562 PAPEETE TAHITI

WHALE CENTER

Maxine McCloskey Executive Director

3929 Piedmont Ave., Oakland, CA 94611 (415) 654-4892
West Coast Representative • Whale Protection Fund • Washington, D. C.



NATURE CONSERVANCY COUNCIL

Wildlife Advisory Branch

19/20 Belgrave Square, London SW1X 8PY Telephone 01-235 3241

John Rudge BSc

Head of Branch

Scientific Secretary to UK Animals Authority for the
Convention on International Trade in Endangered Species

SACSA



Servicio Aéreo Costeño S. A.
SAN JOSE, COSTA RICA

DAVID LECHTMAN

TEL. OF. 32-09-75

APARTADO 9-62
ZONA 9
PAVAS, S. J.

visited
4/13/79

MESSAGE

© Craig P. Phillips
NATIONAL AQUARIUM
FISH AND WILDLIFE SERVICES
DEPT. OF COMMERCE BLDG., RM. B-037
WASHINGTON, D. C. 20230

secretary Linda Kilmart

CHERRY -
949-8349

TWA - 800-421-8710
Western (Honolulu) 946-7711

Northwest Orient - 955-2255

10 April 79

NW 56 depart 2240h
arrive Seattle 0600h

11 April

NW 78 depart 0815
arrive Dulles 1550

alternate

10 April 79

Western 574 depart 2300
arrive San Francisco 0545

(confirmed)

11 April TWA 64 depart 0845
arrive Dulles 1637

confirmed

TWA

FI

136 depart 8:45 LA

arrive Nat 5:23

Silverstein's telephone calls mentioning hotels:

ENTRY ~ #351

MAYFLOWER

DUPONT PLAZA Hotel #51 (take #4.25 limo, get off near Washington Hilton or Capital Hilton - take \$1.00 cab.

Silverstein's Home phone - (202) 279-1598

office - (202) 387-0800 WWF.

9 April Talked to R. Shomura - Bill Iron has been in a number of top level government positions → leans more to the conservationists viewpoint.

Hawaii contract - 3 months

US Pacific Region - 3 months

due ^{draft} mid July; Final - mid-August
A literature study

EUROPEAN WORLD TRAVEL

Possible Return Flights:

14 April
SATURDAY

Dulles *confirmed* TWA 19 depart 1630
 arrive LA 1910
 CONT. 601 depart 2010
 arrive Honolulu 2340

Dulles TWA 15 depart 0900
 arrive LA 1140
 Western 501 depart 1235
 arrive Honolulu 1608

National Airport - Braniff 7 depart 1015
 arrive Dallas 1230
 depart Braniff 501 1315
 arrive Honolulu 1515

or - #5 limousine (50 miles) to Baltimore

Baltimore American Airlines 61 depart 12 noon
 arrive LA 1426
 Continental 975 depart 1525
 arrive Honolulu 1625

or
 NW return?
 check flight schedules

640 acres = 1 m^2
260,000 acres = 406 m^2
1,700 acres = 2.65 m^2

83

Need - Carr's letter

- IUCN list of members

- life history reptile paper in brief case

- watch battery

- list of Resource people I Dcd for Showra?

10 April following lecture at Waikiki Aquarium
Depart 10:40^{PM} Northwest for Seattle - arrive 6 AM
NW 8:25 AM depart Seattle for Washington, D.C.

Arrive Dulles airport at ~4:30^{PM}
Greyhound Airport Service
to Downtown D.C. - \$4.25

Checked into Parkside Plaza Hotel
(#27.80 total per night) paid two nights
in advance on MASTER CHARGE

[Dupont
PLAZA] Location of
(1980)
Defenders office

12 April 79
THURSDAY

- NOTES FOR MEETING -
INVITATIONS TO

Organizations that Impact turtles:

Shrimpers - U.S., Japan, Taiwan, Thailand

Canners - U.K., German

Ground Trawlers -

Purse seiners -

Lobster pot/trap fishermen

SCUBA Divers (NAUI, PADI)

SKIN Diver Magazine

U.S. Navy ONR

Organizations that can actively promote
Sea Turtle Conservation: (reach masses)

- OUTSIDE Magazine

→ Nat. Geographic

- UPI - AP - foreign press agents

- other appropriate publications

- ENFORCEMENT AGENTS AGENCIES

- Educators

- movie producers

(cont. from above)

Top Trise Shell organization - stoppers - hide dealers

Shrimp Meshing

Gill Netting

Habitat Development (S.C., Georgia)

Protected areas (FWS NWR, Costa Rica, Sabah,

Nicaragua turtle processors

addresses
for
Silverstein
&
W. King

12 April
79

Need for individuals from a country to
represent/speak of that country

P-NG (Patched-Spring)

OMAN (Ross-Bawani)

TT (McCoy) Owens

Pakistan - Hawkes Bay, etc.

Sarawak - L. Chinn?

Ecuador -

Mediterranean - Bruno

Japan - Uchida - tortoise shell Association

INDONESIA - Sumatra and S

SPC - R. Gaudperrin

Malaysia - Siow

Philippines - Turtle Islands

Farming - Cayman
Hatchery Practices
Headstarting - without/schutz

Ignorance of management
Great number of populations
Recovery (?) Has it ever occurred?

(continued from above)
MAINLAND China
TAHITI

12 April 79
Thursday

- Greater Role for George Highes

- Why spent so much time in committee?

- chapter by Bitchard -

now in print

~~Turtles - Perspectives and Research~~
 edited by ~~Marion Harless~~

~~John Wiley & Sons~~
~~Chichester~~
 1979

order
 through
 Hamilton
 and Bitchard's
 request
 chapter

note -

- Ridley Tog recoveries -
 Mexico → Ecuador (Feeding Pastures)

Peter Pritchard had a copy:

Notes at 12 April D.C.
meeting

Request
paper

requested
4/16/79

Análisis de la anidación de las
Tortugas Marinas del Género
Lepidochelys en México

by Gustavo Casas-Andreu
Universidad Nacional
Autónoma de México
Instituto de Biología
Laboratorio de Herpetología
México D.F.

Endangered species act
deliberation of Recovery Team

Notes at
12 April D.C.
meeting

89

David Wingate?

Name of author of Bermuda paper
- hatch out eggs
- "Bermuda Release Program"

→ 13 years
Frick's overview

→ ~~Silverstein~~
~~Wayne King~~

JTS Ass

Telephone

Ken Dodd

→ 1000 N. Glebe Rd 5th Floor Arlington Va.
235-1975

→ WPO also located here

Next Meeting → 11 June 1979

→ FLORIDA

3 Perran Ross address Merritt Island
Press release of Barber Silverstein
on Suarez

Publicity for New Caledonia Meeting
→ Felger support

1601 Connecticut Ave.
at 9

questions

12 April 79
Thursday

Meeting started at ~ 10:15 AM

Steering Committee discussion first as
per agenda -

In attendance:

Russell Train

Peter Pritchard + whale ^{- Institute} _{specialist} guest

Vivian Silverstein

Laura Targley

Jim Tyler - NMFS

Ken Dodd

Wayne King

Did not show up: ~~Enghell~~; Bertrand

Letter from Archie.

Peter described MITAG meeting of last
week, at which time foundation was
established - Cayman will raise two
dozen Kemp's ridleys.

Present at meeting: Rene Marques
Borgerswa
Mrosovsky

Jon Schultz?

Mortimer For Mylan?

Perran Ross

George Hughes

Jim Wood

Pritchard

all signed except Ross and Mortimer -
Mittags stated they would use document in court case;
Wayne King said he would request Pritchard's

request
agreement
signed - from:
Mrosovsky
Pritchard

12 April 79 Thursday

91

removal from recovery team; Pritchard expressed considerable displeasure over last (recent) recovery team meeting; Weighted with shrimp industry people; Director Stevens does not want any results/action to take place.

→ Pritchard believes ^{IE} you can safely take 10-15% of any ^{hatchlings} population for headstarting.

14 Sat 11:45 AM TWA depart FL 427
arrive 3:24 PM

Expenditures

11 April 79-

Dinner - Burger King - \$2.50

Fish and Chips \$1.50

12 April 79

capital
HILTON Breakfast - \$4.00

Lunch \$7.00

Drink w/ T. Garrett \$3.50

MacDonalds 1.50

13 April 8:50 **TODAY** show channel 4
 Friday "Woman who takes care of an endangered species in the Gulf of Mexico"

Padre Is. - Bob Dodson reporter

"Lady who can talk to turtles"
 20 yrs
 Ila Secher

age 74

→ 7 years ago - ^{mexican gaucho} - Kemp's ridley to raise

puts on shows for kids - so that **they** can find other turtles
 (rescues them)

13 April Friday 1979

Visit WWF - Vivian

(1601 Connecticut at Q)

for airfare check -

need color photo for Vivian of turtle

UV

noted magazine

Pacific Search - Northwest Nature & Life

Xeroxed Red Data Book pages for Sea Turtles

- Discussed Felger Project

- " sea turtle buttons, postcards, belt buckles

- Today show - press conference - many photos needed

Met Nancy yesterday, met Patty

note that
leftover conference money
will be used
for turtle research -
Defenders &
WWF

Perran Ross
Museum Comparative Zoology
Harvard University
Cambridge 02138

Defenders, by 93
many employees -
well endowed

Caguana film
info to
SILVERSTEIN

Systematic Lab - Bruce Collette

Jim Tyler - 634-7472 telephoned, but not
in - NOTE: I will have central
MMFS

11:30 AM took METRO subway to Metro Center - transferred
visited ~~Natural~~ and went to Smithsonian.
Pacific, as per his
memo?

Natural Museum of Natural History

noted: Skeleton display of:
Protostege Gigas

an extinct marine turtle
from Upper Cretaceous of Kansas. "Not
having a powerful tail, the turtle had to
use their legs as oars when they
went to sea. As a result, they
could not swim as fast as long-tailed
forms like mosasaurs and
ichthyosaurs."

"Sea turtle bones are light and porous"

3rd floor

saw whole leatherback skeleton w/ shell

- noted lack of extensive fused ribs in wall display

Display "Economic influence of Reptiles and Amphibians"

Whole stuffed Hawksbill

separate whole green skeleton and Loggerhead skull no wire holding pieces together

Uses beneficial to Man-kind. Skins of large reptiles are valuable to the leather industry because of their strength, durability, and easy absorption of dyes. Hawksbill - turtle shell has been used for many years to make fine furniture and to make jewelry. Frog eggs and flesh of large turtles and lizards, as well as frogs legs, are valued as food.

Harmful Effects bite people eats ducks etc.

They just mentioned that hawksbill was "just like these" (stuffed)

that was bought in Mexico

13 April 79 Friday

Receipts

Terrapin Stew

Turtle Soup

1 lb green turtle meat cut into pieces - etc.

Fun: The joy of Cooking by Rembarner and Becker 1953

3rd floor

visited: Moon rocks and meteorite 95
Display - included volcano lava

13 April
79
Friday

"concretions" - accumulations around a
common center - N. Dakota

noted book in
GIFT shop:

chapter

Reptilian mycobacteriosis
by David G. Brownstein DVM
Dept Path

John Hopkins Univ. Hosp
Baltimore, Maryland 21205

obtain
copy

Hamilton
Library?

in: Mycobacterial Infections of
Zoo Animals

Richard Montali, Ed. to
Smithsonian IV.

Registry of Tumors visit

see middle of p 96

~ 4:15 PM went to:

National Aquarium - FWS

US Commerce Bldg

~ 12" green - emaciated, concave flation

Instant Ocean - filter with bottom gravel
filter - 70°-78° F temperature range.

Talked to personnel in office:

Secretary - Linda Kilmax (3 years)

worker - Clyde (Male) (6 years)

Diane M. Bohmhauser - (4 weeks)

Director Craig Phillips (not in) (3 years)

Address: National Aquarium
Fish & Wildlife Services
Dept. of Commerce Bldg.
Rm 20730
Wash 20730

13 April 79 - turtle believed to be 4 years old -

FRIDAY - source unknown;

- Had others, but given away (Linda thinks it's wrong to keep them in captivity)

- Fed squid, shrimp, whole smelt; 3x week

- Spine area of carapace previous deformed in; much better now.

- Not believed to have grown much since worker first saw it.

- Went behind display and handled turtle; thin about shoulders; snuggled at me, both in water and out.

HARSHBARGER - Registry of Tumors in Lower Animals:

visit -

Phyllis met me on main floor of Natural Museum and took me up to office -

- Discussed material I had sent in

- Met Dr. Sing Chen Chang

also

Linda Cullen

Mention of other people interested in

sea turtle tumors/diseases:

1.) Hargis

2.) Eliot Jacobson, DVM - Gainesville

Consults for Cayman Farm

Harshbarger - Chang would like to have small "new" tumors - 1:20 volume in

glytaraldehyde solution (will be sent to me).
 Slice tumor several times to allow preservative
 penetration.

ALSO - normal skin sample should
 be obtained from healthy animal. Throw
 away portion that forceps squeeze - as
 this distorts cells.

Jim Norris

381-5828

Dept. Botany, NHB 166

Smithsonian Institution

Washington, D.C. 20560

check with:

John Casper - phytoplankton persons
 See Wim and Jim - systematically oriented
 position at Smithsonian - contact above.

Test TMRS
 for nicked copper?

→ Causes of tumors could be:

1) External material (leeches, barnacles,
 algae)

2) Virus - as per human warts

3) Carcinogenic material such as -
 heavy metal pollutants, chemical
 substances (ie. known nitrosamines) -
 sewage outfalls could be a source of such

13 April 79
Friday

substances.

But, since such substances normally end up in the liver, he doubts this is the cause. He has seen ~~get~~ growths on the lips of certain fish that feed around sewage outfalls, and ~~that~~ suspects that chemical pollutants may be the cause. This involves direct contact with the bottom, which would not seem to explain the situation for turtles.

If specimens can be obtained that contain viruses, then publication (3 way) would be written.

After visit to Aquarium proceeded to see White House - walked back to Parkside Plaza Hotel;

At 7:00 PM went out to dinner with group from WWF, as well as Jim Norris and friends;

Jim has algae-coral reef projects in Honduras, Galapagos, Gulf of Calif. He knows Herdicksan, Wood, Owens, works with Felger, D. Green; Got degree under I. Abbott; knows Steve Smith.

Stated that turtles in Gulf eat Pterocladia; ones he has seen from D. Green contain many different species.

(Sargassums have toxic element?)

[Call in Reservations] * INFORM ARCHIE, BY LETTER,
OF DATES OF MEETINGS

99

13 April 79 #12.00 for Mexican dinner (Oaxaca).
Friday

14 April 79 8 AM checked out of Hotel - breakfast at Capital Hilton -
SATURDAY purchased bus ticket to National airport for
#2.75; got tickets changed at TWA; jet^{net} departed 1145
National airport TWA flight 427 for
Indianapolis (stopover - depart 1:45 PM) on to
Kansas City (Depart 2:05 PM) - flight time on - hours: 2:20 min
Their time

BACKNOTE: Ken Dodd informed me that a

* TOM FRITTS formerly
FWS lab, Univ. Calif,
San Diego
has been studying the green(?) sea turtles
of San Diego Bay - occur at warm
water outfalls - This is being done
with a grant from Bureau of Land Management
(to examine mammals and reptiles). His present
address is unknown, however Crawford Jackson, editor
of HERPETOLOGICA may know his address.

Need - small Dictionary

Address:

* Howard (Duke) Campbell
 National Fish & Wildlife Service Laboratory
 412 North 16th Street, Room 250
 Gainesville, Florida zip →

sent
 letters
 4/16/79

GET/order:

Hamilton
 Library?

TIME OF THE TURTLE

by same author as
 THE EROTIC SEA

"Call rejected by Stevenson for SE
 NMFS recovery team"
 as per Bitchard

LV → LA

	1:10a	2:00a L	WA	239
②	6:30a	7:22a L	WA	87
①*	7:25a	8:15a L	WA	511
	8:00a	8:50a L	WA	101
	8:15a	9:01a ^{Orlando Hughes}	RW	201
	9:10a	10:01a B	RW	209

↓
6:25p

7:30p

7:15p L WA 167

8:21p ^{Burbank} RW 894↓
8:50p

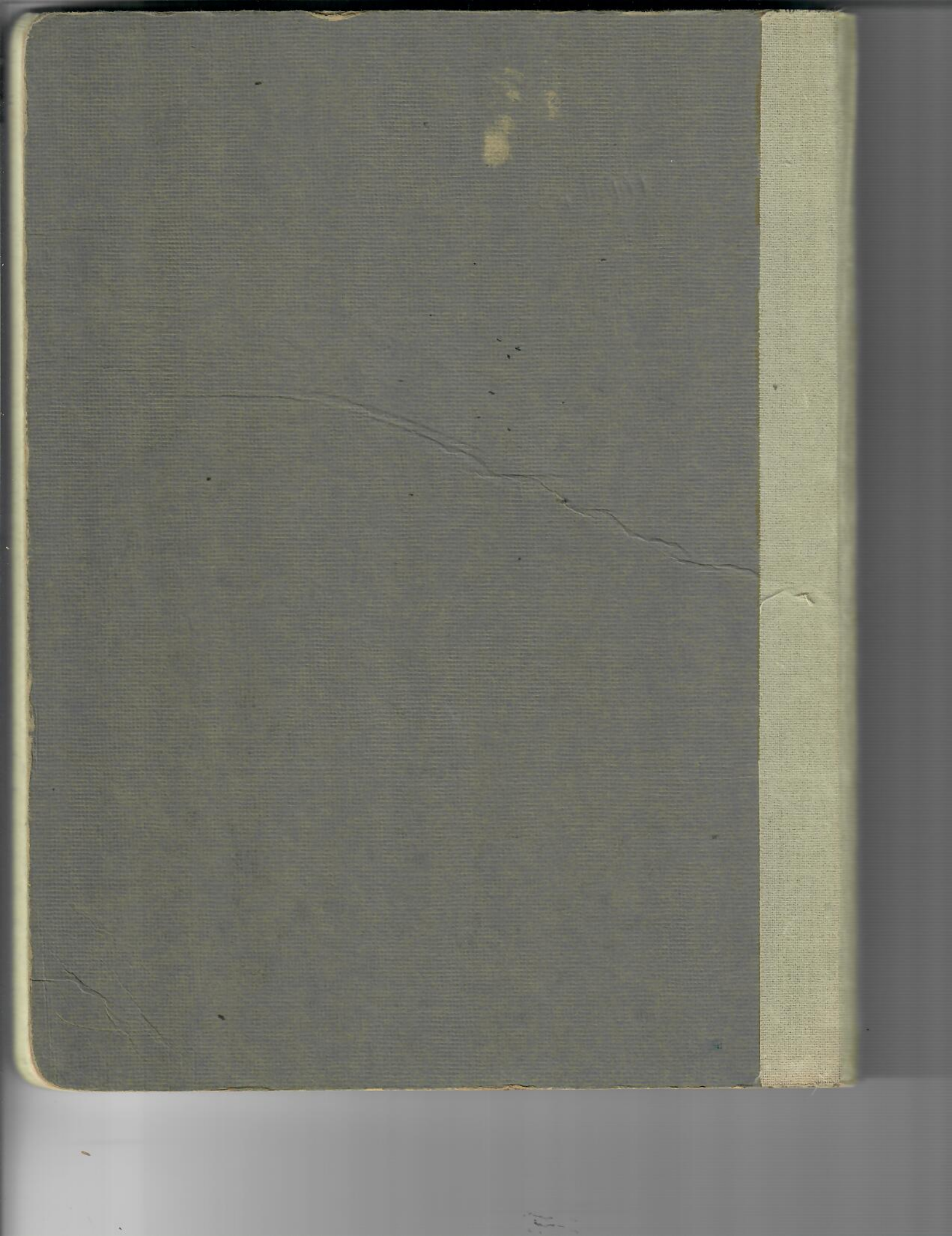
9:40p L WA 23

LA → HNL

	8:30a L	12:00p	CO	603
②	8:30a L	1:35p	WA	567
①*	9:15a L	1:02p	WA	511
	11:10a L	2:40p	NW	21
	12:05p L	3:30p	CO	607
	12:35p L	4:08p	WA	501
	1:10p L	4:57p	WA	561
	3:25p L	6:55p	CO	975
	4:15p L	7:45p	PA	809
	6:35p L	10:08p	WA	610
→	8:10p L	11:40p	CO	601
	8:15p L	11:45p	PA	811
	9:25p L	12:55a	CO	601

14 April 79 TWA landed in LV at ~3:30 PM -
 Saturday Depart WA ~6:30 PM for LA -
 Depart LA Continental FL 601
 at 8:45 PM (originally scheduled for
 8:10 PM, but late).

15 April
 Sunday Arrive Honolulu ~ 1 AM.



18 Mar. 1979

MINISTERIO DE AGRICULTURA Y GANADERIA

SERVICIO DE PARQUES NACIONALES

W King
G. Balazs
A. Carr

leatherback track

(counting rain 48 hours prior to flight)

Limon - Moín

Moín - Matina

26

Matina - Paguare

50

Paguare - Parismina

23

Parismina - Taloba

none

Taloba - Mb

10 + 1 hawksbill

Mb - Tortugvero

||||

Tortugvero - Boca

I

Boca - Simon lagoon

||

Simon lagoon -

Barra del Colorado

none

NB: nesting
iguanae have
migrated in