

1985  
MAUI

# BALAZS

1985-MAUI  
1992-1996

2 OF 2

BOOK II

808-395-6409

BALAZS

808-395-6409

JUNE 20/21/85  
Thursday pm / Friday AM

Everything wrapped up by 7:45 am.  
Left all gear stored (again) at plant  
to be picked up prior to departure.  
Jack-in the box snack, then back to  
Main Palms.

→ UP 8:45 am. Wrote data, while  
Alan and Robert, dried, mended and packed  
nets and other gear.  
(Following breakfast)

Stopped by powerplant to see Helm. Transport  
gear to airport.

Departed on Mid-Pacific at 3:15 pm.  
Van at airport, to lab - at  
~ 5 pm.

8/20/85  
Wed.

6:10 pm Saw

2 small  
turtles

wind wave from east -  
Hot H<sub>2</sub>O not  
"pooled"  
AS  
MVE

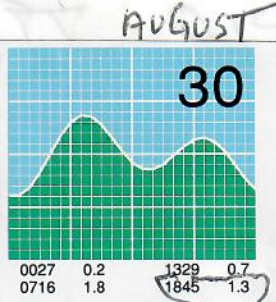
6:20 pm - Large one seen but  
seemed to swim away

6:35 pm Large one - further out  
up all down  
same place

Return at 7:15 pm - nearly full dark -  
Lots of Large. Close to  
shrub - shallow one  
beside the other.

Depart Maui 8 pm for Honolulu

Kahului  
-1:48  
hours



1995

at  
Berley?  
Humane Soc?  
Photos

59

Drove immediately to power plant. In corner, in front of huge trees, green algae covered turtle ~70cm TL FL & month? floating high

30  
Aug. 95

Flight 210 ~12:45pm to Kahului  
Drove to Kihei and walked beach to inspect area where hawksbill nested and are hit by car (past year). Kealia Pond Park. photos. At Kihei end of beach there is 1) Hui NA PO'OKELA canoe club. 2) Kealia (Cordo) 3) Sugar Beach Resort (Cordo).

Need  
Kathy  
Smith

France  
Practical!

"MILE 3" is right at curve in road where road is closest to beach and water. Recently repaved, speed limit 45 mph. ~~tree~~ tree oil thorns along beach. Silty from "mud" in sand. Blow-sand from winds. Road sign "Adopt a Highway" CHES SOFTOUCH PACIFIC next 2 miles.

Jeff  
Sea water  
Temp?

Picked up flyer at airport about "Turtle Research Project"

5:45 PM

Drove to power plant for observations. Floater turtle still there - keeping itself from washing on the rocks. Sat in wood stairway. Heavy clouds & W. Maui mountains cause light to become darker than scheduled sunset.

18 DEC 85 MAUI TRIP TO  
WED. RECEIVE SKIP HAW  
OLIVE RIDLEY EGGS

12-18-85  
wed.

FISDAM Mid-Pac TO MAUI

Olive Ridley nest 65

- I INFERTILE NO Development - (18) III III III III
- II Fertile - <sup>early embryonic</sup> ~~EE Mortality~~ (17) III III III II  
~~Dead~~
- III ADVANCED Development - (9) III IIII  
but Dead
- IV Live hatchling - (11)
- V Turgid eggs - (17)
- VI Live still in egg - (5)  
w/yolk (Nursery cases)
- (8)
- VII half developed but dead - III III  
~~hatchling fully developed~~ (11)

		35
		20
		30
		85
	12/12 check	
	1 - late barely alive	3 PREVIOUSLY
	1 - early alive	opened by skip
	1 - early alive	
		88 TOTAL

At Sat 12/14, 2 hatchlings appeared. On 12/16 informed of such.  
On 12/17 "2 more hatched".  
Traveled to Skip's house off the

66  
12-18-85

MAUI TRIP

LAI'D SEPT. 30, 1985  
MOVED OCT. 18, 1985

WED	Straight length		FIRST HATCH
1	4.4 cm	17.9	NO SAIL DEC. 14, 1985
2	4.3		16.8 <sup>s</sup> 75 DAYS
3	4.3		19.0 <sup>s</sup>
4	4.5	20.5	17.8 <sup>s</sup> NO SAIL TO DEC. 18, 85
5	4.0		17.9 <sup>s</sup> 79 DAYS
6	4.3		18.2
7	4.4		18.5 <sup>s</sup>
8	4.0		15.4 <sup>s</sup>
9	4.3		17.9
10	4.2		17.6 <sup>s</sup>
11	4.0		15.8

(Depart 12:50 pm Mid-Pac)  
(get again) FL 147  
FOKKER 538

end of the airport. Found noise and vibration. Egg in sand in green trash containers near the entrance to Skipper's home. Recent temperature at 3-4" was 20°C.

Proceeded to open and examine all egg contents - results on page 65. Drove to Pāia to Rene's beach-shore house - Skipper showed me the nest site - no photos, camera wouldn't work, but Skipper gave me prints. Ironwood trees fronting beach - private old homes along there. Clutch site well below the veg. line - on upper slope.

Eggs weren't clustered together.  
There was sand in interstitial air spaces.  
∴ Less metabolic heating.

12-18-85

~ 3:30pm

11 alive delivered to Sea Life Park.  
Placed in rectangular tank out back.  
3 sank to the bottom  
8 swam - stayed on the surface -  
of 3, 1 severely emaciated, other 2  
still have yolk.

12-19

Thursday

Severely emaciated found dead.  
Everything taken to my office.

In egg cartons - 4 removed that  
are looking better - put in  
sand bottom / styrofoam w/ above  
2 (6 total in there)

(11+5)  
16 eggs turgid remaining in cartons,  
1 of which has pipped.

Styrofoam "blocked out" with dark rain  
coat to keep hatchlings from moving  
around so much.

2 DIED LAST NIGHT AT SEALIFE;  
6 ALIVE NOW.

Some seen eating.

PHOTOS

12-20 8am one that hatched yesterday - died - still in shell  
2 hatched today in office.  
10 am 1 hatched transferred to Nursery (7 there now)  
1 new in process of hatching

68

12-20 4pm 6 live transfers from  
my container to SLP  
6+6 in tank = 12

12/21 added 4, 1 resisted = 5  
TO Styrofoam

12/22 add 3 - now 8 total in Styrofoam  
TO styrofoam

12/23 all 8 from container to SLP  
Here reports one died 12/21  
and one on 12/22; nobody eating much.

12/23 2 more hatched in egg carton -  
transferred to Styrofoam

12/24 Report of 3 more dead at SaLife Park

12/25 1 more hatched.

2 remaining eggs in carton torn open  
= 1 - no sign of development  
1 - 3/4 developed but dead.

12/26 2 from styro taken to SLP ∴ 17

Thursday

in these rectangular tank.  
Many photos taken. 5 frozen, picked up.  
Noted hatchlings lay motionless <sup>than</sup> vigorous.  
on 12/23, noted strong wind at SLP.  
Small Kiawe(?) leaves blowing into  
tank. Wonder if hatchlings eat these  
and become adversely affected?

12/30 - 1 died

SEN LIFE-PAK

MAKARUU

Hawksbill

12-31-

85

TUESDAY

2 0.8 16.6  
(20.0 notch)

1.	4.3
2.	4.2
3.	4.2
4.	4.2
5.	4.3
6.	4.4
7.	4.3
8.	4.5
9.	4.3
10.	4.5
11.	4.1
12.	4.2
13.	4.2
14.	4.2
15.	4.3
16.	4.3
17.	4.3

1 each died on 1/10, 1/21 & 1/25/86  
∴ 13 left (?)

12/31 - added last one from STYRO.

10 photos taken.

1/5/85 - Steve reports 1 died this date.  
∴ 16 LEFT



9/15/92 ALOHA FL 116 TO KAHULUI, MAUI  
 TUES. GHB & R. MIYA. ~930pm depart - Land 5pm

Objectives ① See/dive at <sup>Bo</sup> Blinsh's site  
 in Wailea

- ② Dive Lahaina Diver's sites (Kim Roberts)
- ③ See Honohouai - Ursula Bennett's site
- ④ Recheck Kahului Power Plant
- ⑤ Meet Lois's Silva
- ⑥ Check Hoohipa site.

National Car Rental - \$21.95

Maui Beach Hotel - \$57 night

TO Kahului Power Plant - 6:45pm -

7:15pm. No wind or seas. Heavy  
 cloud cover. Gradually saw numbers  
 of head increase. Brooks water  
 area visible - enters quite a  
 sup. But most heads seen  
 at same discrete area.  
 Russ & I snorkeled thru area  
 at ~830pm. Russ saw 26,  
 I saw est. 30. Most all stacked  
 together at very warmest water site.  
 and top of one another. Most  
 adults. Only a few subadults  
 seen. Many with large tumors.  
 Adult males seen. I felt RFL or LF  
 on 2 or 3. No tags. All turtles

TUES  
 9/15/92 departed shortly after our arrival.  
 All fairly docile - no fight  
 for perhaps 5 minutes, then all  
 gone.

WED.  
 9/16/92 UP 5:45 AM - Breakfast at "TC"  
 restaurant on "Mill" Street.  
 Drove to Intercontinental Hotel  
 to Blinski - entered water ~ 8:30  
 close to "Ulua" Beach - on IC  
 property - shower nearby and  
 beach chairs on grass.  
 Saw Pterocladia near shore.  
 Snorkel for 1.5 hours. Saw  
 5 turtles total. Did not see  
 his "amazing friend". Apparently no turtles  
 with tumors seen along here.

transferred  
 to front  
 of Hyatt  
 Hotel

Drove to Lahaina Divers - Kim Roberts  
 Vessel "Endeavor" for Scuba at  
 Black Rock - 1st Dive (with Julie - Russ  
 snorkel). Saw small pockets of Hypnea  
 - no Cladophora. Some debris from  
 Hurricane 9/11/92 INiki, storm waves  
 20-25' deep. Lots of Porites coral  
 cover. 1-2 turtles seen surfacing  
 from boat deck. Underwater saw  
 one site with 6 juvenile turtles -  
 worn areas of coral but restricted to

Maui Datum GPS - Magellan <sup>NAV</sup> 5000  
HYATT

Second Dive Site at ~~Black Rock~~ - 25' 35min.

20° 54.97' N 9/16/92  
156° 41.93' W 3:55 pm

HYATT

First ~~Black Rock~~ Dive site -

6 Turtles seen - all close on the  
bottom - worn coral

20° 54.76' N 9/16/92  
156° 41.78' W 1:24 pm

Intercontinental Resort (Bo Blinski)  
(parking lot)

20° 41.44' N 9/16/92  
156° 26.70' W 10:38 am

~~Black Rock Dive Site #1 off Hyatt:~~

6 Turtles

~~Black Rock Dive Site #2 off Marriott:~~

9/16/92  
Wed. the site. Carpet or cloth in one  
depression that turtle was laying  
on. No other turtles seen  
elsewhere. Dive 2nd just a very  
short distance to the NE - in  
front of Marriott Hotel.

Return to Lahaina <sup>Mr. Kapuni</sup> and  
proceeded to Honokowai Beach  
Park - Then 2-3 condos north  
to Nohonosi where Bennett's  
scuba out to "Turtle House"  
(video on file). Small amount of  
*H. murrayi* on beach.

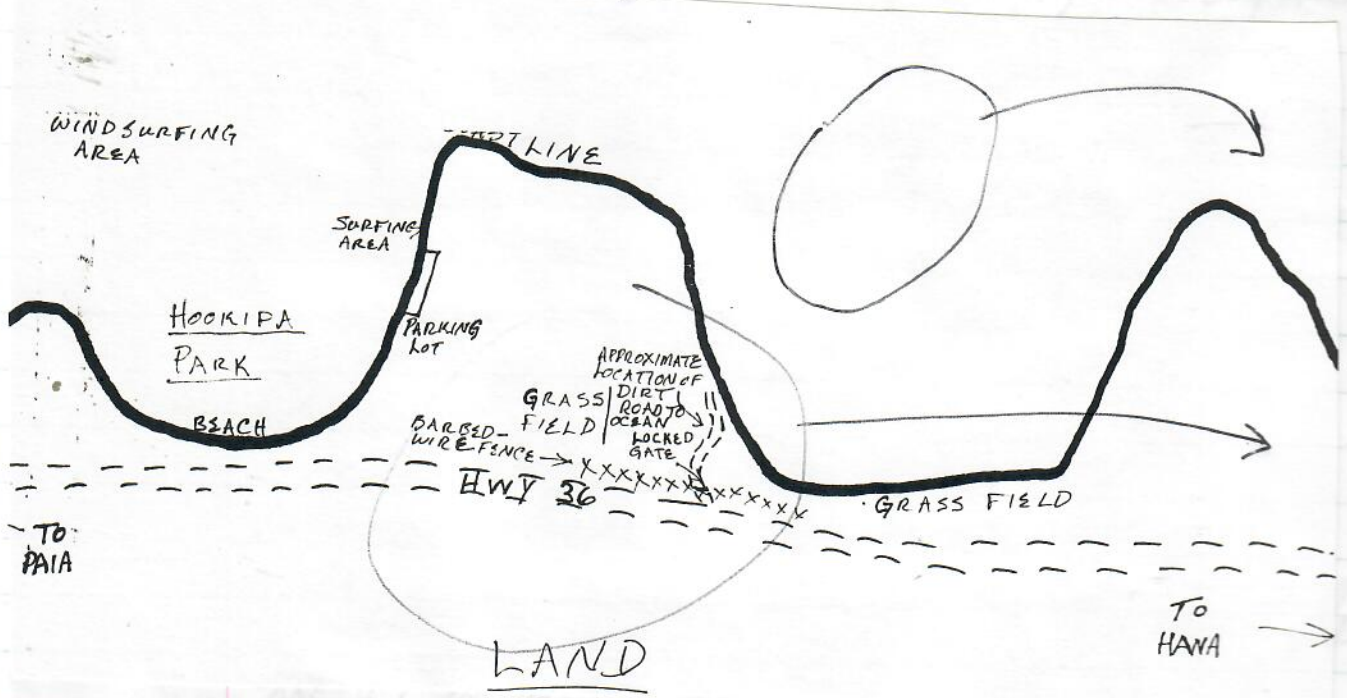
Proceeded to Honolua Bay, then  
around back to Kahului  
via Kahualoa. Most of road  
paved.

9/17/92 8 AM to <sup>just east</sup> Hookipa and  
Thurs: search from the road for  
"Turtle Wand" reported by  
Kona resident - "200 turtles  
spread out over 50 by 75 yd  
area. 175 yds from shore. Basalt  
area. Big waves. only one  
turtle seen, close to shore."

9/17/92  
Thurs. Proceeded to Maliko - Saw one turtle in dirty water within bay, Another outside (small) at surface.

KANAIHA PARK →  
Back to power plant - and 1990 cement culvert "Ala'ha'o" stream. Red-brown water in front of stream and spreading in front of plant way offshore. From yesterday's rain?

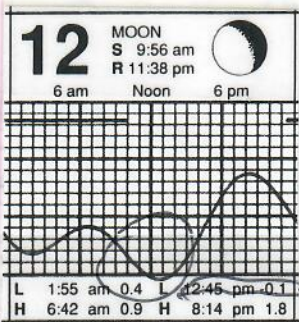
Tried to see Louis Silva, but he wasn't in office.



Depart  
Aloha Flight 407 12:40 pm

Grand Hyatt Wailea - 900 Rooms  
Wildlife person = JOANNE D'ERRICO

2



# MCC LECTURE 71

## VITEC

5:30 - 7:30 pm  
about 80 attended  
15 visitor industry  
Rest MCC  
Students

3/11/93

Thurs.  
3/11/93 Depart Aloha FL 126 2:20 pm  
3/12/93 Return " FL 117 5:10 pm  
Friday

Natural car rental  
Maui Beach Hotel #55

Lecture at 5:30 pm - 7:30 pm

3/12  
Friday Met John Pye, Laura Scott, Cindy <sup>MOP</sup> student  
+ 1 ♀ + 2 ♂ MOP

8 am at McGregor Point.  
Recently identified by Laura Scott  
as an aggregate site for turtles - some  
very large.

Hiked  
down  
cliff

50 minute dive - 40' MAX. along  
coral face where it changes to  
flat silt bottom.

Estimate 15 turtles seen by me.  
only one believed to be adult. It  
had a dangly tag on left front flip  
(FL), and a deformed scyphoid right  
hind (healed). It was resting partly  
under a ledge on top of a prominent  
coral mound that showed evidence of  
several depressions where turtles rest.

FRIDAY

3/19/93

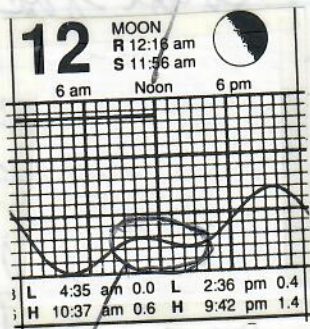
Member of companion dive team saw a  
 large turtle with a hind flipper tag.  
 Some? We also saw a ~50cm turtle  
 with several surgeon fish clearing  
 carapace.

Laura Scott mentioned that there is an  
 abundance of zoanthia near shore  
 where unknown kind of algae occurs  
 (this is to the left of our dive site).  
 Small boat passed right overhead near  
 our dive flag while we were underwater.  
 Turtles were clustered only along a  
 select area. When we swam along  
 reef face to the right we didn't see  
 any turtles.

Tour of Hyatt Wailea Zarella  
 Grand w/Dale

MAY 93

MAVI  
 McGREGOR PT  
 Saba





RM<sup>93</sup> & GHB12 MAY 93  
Wed.Depart ~ 7 AM FL. 470 ACO/HA  
Return 4:35 pm FL. 115

Met John Pye at Maui Community College  
and unpacked Achielles - put on 25hp  
motor. Towed with John's truck to  
Maalaea small boat harbor - launched  
and RM & I motored to McGregor Pt, calm seas,  
Kona winds - dark rain clouds hanging  
there. Other students, Danya, Troy, Cindy  
& 2-3 others hiked down cliff and swam  
out. RM, Cindy and I scubaed first in  
Maalaea direction - saw 6-8 turtles -  
none with tumors - Saw 47 U Adult  
female, Right Hind partially missing.

50 ft  
75  
minutes

Swam in Light House direction -  
large catamaran with "Wailea" name  
on stem - lots of tourists aboard  
anchored - eating? & some scuba?  
4-5 more turtles seen. But like  
others, all lifted off the bottom  
well before we were able to  
approach them. All seemed  
scared of divers.

At end of dive John Pye & Danya  
called to us near anchored Achielles -  
John had grabbed a turtle forefoot,  
struggled with it then let go, at which  
time it swam back under ledge. John

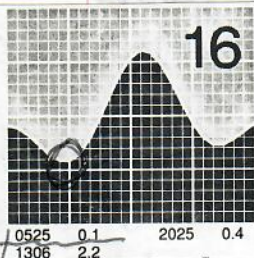
Data on pages 80-81

7/12/93 and I then "pulled it out,"  
 Very dense "tough" skin barrooles  
 Sleep on turtle  
 Departed that evening for Honolulu.

16 AUGUST 94

TUESDAY

HONOHOWAI  
 MAUI



Depart Aloha Island Ave 6:35 am  
 FL. 1552 for Kapaolua, Maui  
 Saw Kitty Simons on the way  
 over. Met at 7:30 am by

Peter Bennett - taken to Nohonohoi  
 Apartments. Dive 1 started at 9:20 am  
 after snorkeling out to ~ 15-20' depth. There  
 Said to be clearest water yet all  
 summer. 3200 lbs air start. Scuba out  
 and to the right (north). "Turtle house"  
 cleaning station is at 35' depth, 40' at  
 bottom. This is clearly a cleaning station,  
 with some resting around the edge. A fairly  
 unremarkable coral head, with not  
 much live coral. An interesting smooth  
 bowl area (2-3 meter diameter) present  
 with rocks containing large (50+ cm)  
 of Menpachi. Also Kumu present -  
 all very tame. 2-3 turtles  
 present with fish nearby, but  
 out appearance seemed to wake

- air or helicopter charter
- Dive Computer

- Need** - dense turtle barnacles
- Tag resighting - URSULA (6/93 EAST tagging)
  - Need - other tags on F765, 766
- 60 min 40 feet

John  
PYE

PYE@MCCADA.MAUI.CC.HAWAII.EDU

16 Aug 94 the first quick cleaning. A turtle also left at first sight of us. All turtle departures were to seaward. Started back to shore at 1000 lbs left, perhaps maximum of 5 turtles seen. I had [Score 2] tumors. 2-3 of the turtles were outside cleaver site. "Howzit" ~ 50 juveniles stayed at cleaning site. Rubbed beak and pectorals with flippers. Lots of swimming back and forth between two adjacent coral heads by tumor turtle. Turtles that stayed showed virtually no disturbance by our presence. On the way out large female resight in low reef coral - video of me behind it - easily read hind flipper tag, but no sign of engraved numbers from 6/93 at East FFS. Scuba over at 1020 am.

F766  
RH

Saw flaking and dried bones, collected by Bennett's under coral head near

Honolulu

Saw photo of "Zeig" newly  
ID'd Adult male w/ very  
thick body.16 Aug  
94turtle one. No skull, only one  
humerus, which has etch marks  
indicative of shark bite.Dive  
#2

Start 1:20 pm - tide up, but still good  
water quality-visibility. This time we  
went out and swam way to the left (or  
possibly straight out) over "Reef 2". Much  
more coral, mounds, etc. here than the  
sand flats present on route taken during  
dive #1. Saw - ~70cm turtle w/ lot  
of algae on flippers and shell - mild  
decalcification. Videoed. Same "House"  
and Score #2 (5 laterals right) at clear  
station "turtle house". Likely 8 different  
turtles seen on dive (includes 2 from  
Dive #1). 4+ had tumors. Dive over  
at 2:20 pm - snorkeled about  
last 100 meters to beach.

Depart Kapalua FL 1519 5:20 pm  
Arrive Honolulu 6 pm.

5/12/93 McGregor Pt. MAUI

# Nearshore "recapture".

"47 U" (old)  
 White paint still present making numbers  
 very readable.

Adult female with partly  
 hind flipped. Seen at about 30'dep

TAGS APPLIED AT TERN IS. =

nestig	6/23/93	A989	LHF
		A991	LFL
		A990	RFL

Seen 6/24 TO 7/19/93 again  
 on Tern.

Bo Blinski = 874-0118 home  
 875-1234 EXT. 4949

Josh - 874-5670  
 video of shark attacking turtle

Troy - 575-2357

Capt Shawn Moore  
Josh

874-5670

MAUI DIVE SHOP

Has copy of video shark/turtle  
WAILEA SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

1 capture only

5-12-93      Mc Orega Pt., Hamd/Scuba  
 MAUI

PERSON RECORDING DATA:      RM

OLD TAGS:

TUMOR SCORE

NEW TAGS:      RFL      R853  
                          LFL      R852

OTHER NEW TAGS:  
 LH R854  
 RH R855

STRAIGHT CARAPACE-LENGTH:      65.3      WIDTH:      51.3

NOTCH LENGTH:      64.3

CURVED CARAPACE LENGTH:      70.0      WIDTH:      62.5

HEAD WIDTH:      9.5

SEX:      MALE, FEMALE OR UNDETERMINED      U

TAIL LENGTH:      T      16.5      c      11.0

RIGHT FRONT FLIPPER WIDTH:      11.8

SAMPLES COLLECTED:

PLASTRON LENGTH:      51.8

WEIGHT:      96 lbs

Given to JOHN PYE  
 + Mouth Sample (Algae)  
 + BB from foremargin of FT

possibly NOT PLATYLEPAS flexastyles

DESCRIPTIVE REMARKS:      ~~8th~~ Small dense patch of barn. on ventral RFL skin

6 centrals (5th divided into two)  
5 laterals on left.

82

200 39 19  
156 26 45

SEA TURTLE TAGGING FORM

Shawn - enter this one in comments

2013920  
156 26 44

CAPTURE DATE, LOCATION AND METHOD:

7/28/93 MAKENA, FIVE CAVES MAUI HAWAII/SCUBA  
PERSON RECORDING DATA: RM

OLD TAGS: [ ] NEW TAGS: RFL K4  
LFL K3  
TUMOR SCORE 0  
OTHER NEW TAGS: RH K5  
LH K6

STRAIGHT CARAPACE-LENGTH: 65.5 WIDTH: 52.3

NOTCH LENGTH: 64.9

CURVED CARAPACE LENGTH: 70.0 WIDTH: 65.0

HEAD WIDTH: [ ] SEX: MALE, FEMALE OR UNDETERMINED [ ]

TAIL LENGTH: T [ ] C [ ]

RIGHT FRONT FLIPPER WIDTH: [ ] SAMPLES COLLECTED: Boneles from LFL (10)

PLASTRON LENGTH: [ ] in Formalin

WEIGHT: [ ] [ ] [ ]

DESCRIPTIVE REMARKS: PCA, Dense SB both front shoulder  
K3 engaged on both 2<sup>nd</sup> laterals  
Mototooled.

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

7/28/93	MAKENA, FIVE CAVES, MAUI	HAND/SCUBA
PERSON RECORDING DATA:		RM

OLD TAGS:		NEW TAGS: RFL	K7
		LFL	K8
TUMOR SCORE		OTHER NEW TAGS:	LH K9
0			RH K10

STRAIGHT CARAPACE-LENGTH: 42.5      WIDTH: 36.4

NOTCH LENGTH: 41.9

CURVED CARAPACE LENGTH: 44.5      WIDTH: 41.0

HEAD WIDTH:       SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T       C

RIGHT FRONT FLIPPER WIDTH:       SAMPLES COLLECTED: 1 Barnacle from

PLASTRON LENGTH: 33.7      front flipper

WEIGHT:

DESCRIPTIVE REMARKS: K7 notated on both 2 <sup>nd</sup> laterals ~~(K7)~~



③

## SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

7/28/93

MAKENA, FIVE CAVES,  
MAUI

HAND/SCUBA

PERSON RECORDING DATA:

RM

OLD TAGS:


NEW TAGS:

R3-4  
~~RFL~~

K12

LFL

K11

TUMOR  
SCORE

0

OTHER  
NEW  
TAGS:

LH K13

RH K14

STRAIGHT CARAPACE-LENGTH:

41.9

WIDTH:

35.1

NOTCH LENGTH:

41.6

CURVED CARAPACE LENGTH:

45.0

WIDTH:

40.0

HEAD WIDTH:

SEX: MALE, FEMALE OR  
UNDETERMINED

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

33.8

WEIGHT:


DESCRIPTIVE REMARKS:

K11 mototooled on both 2nd laterals

New study site

see GHB later about CAT Long

85

7/29/93

SEA TURTLE TAGGING FORM

①

CAPTURE DATE, LOCATION AND METHOD:

BLACK ROCK, MAUI	Hand/scuba
PERSON RECORDING DATA: RM	

OLD TAGS:


NEW TAGS: RFL

K16
K15

LFL

TUMOR SCORE

0
---

OTHER NEW TAGS:

LH K17

STRAIGHT CARAPACE-LENGTH:

43.5
------

WIDTH:

35.7
------

NOTCH LENGTH:

43.2
------

CURVED CARAPACE LENGTH:

46.5
------

WIDTH:

42.5
------

HEAD WIDTH:

--

SEX: MALE, FEMALE OR UNDETERMINED

--

TAIL LENGTH: T

--

C

--

Shawn don't enter this

RIGHT FRONT FLIPPER WIDTH:

--

SAMPLES COLLECTED:

PLASTRON LENGTH:

36.2
------

Hand flipper tracing (page 106)

WEIGHT:

--

DESCRIPTIVE REMARKS:

not tooled K15 on both 2nd det. - feeding on ster. & in mouth

(2)

## SEA TURTLE TAGGING FORM

2005 \$51 \$59  
 156 41 150

CAPTURE DATE, LOCATION AND METHOD:

7-29-93 Black Rock Handed/Scuba

PERSON RECORDING DATA:

RM

OLD TAGS:


NEW TAGS: RFL

K19

LFL

K18

TUMOR SCORE

0

OTHER NEW TAGS:

4H K20

STRAIGHT CARAPACE-LENGTH:

42.5

WIDTH:

34.6

NOTCH LENGTH:

42.2

CURVED CARAPACE LENGTH:

46.5

WIDTH:

40.5

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

35.6

Hand

Flipper Tracing  
(P.107)

WEIGHT:

DESCRIPTIVE REMARKS:

Marked K18 on both 2nd lat.

existing study site

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

7/29/93	HYATT	MAUI	HAND/SCUBA
PERSON RECORDING DATA:			RM

OLD TAGS:		NEW TAGS: RFL	<del>K22</del> 22
TUMOR SCORE		LFL	K23
0		OTHER NEW TAGS:	LH K24
			RH K25

STRAIGHT CARAPACE-LENGTH: 52.9 WIDTH: 41.5

NOTCH LENGTH: 52.5

CURVED CARAPACE LENGTH: 57.5 WIDTH: 50.0

HEAD WIDTH: [ ] SEX: MALE, FEMALE OR UNDETERMINED [ ]

TAIL LENGTH: T [ ] C [ ]

RIGHT FRONT FLIPPER WIDTH: [ ] SAMPLES COLLECTED:

PLASTRON LENGTH: 42.7

WEIGHT: [ ]

Hand  
Flippers tracing  
(p. 108)

DESCRIPTIVE REMARKS: molted K21 on both 2nd lateral

NY SITE INSPECTION OF E 1/2 Miles) A/L DAK 130 Mahalan St.  
 6 September 96 FRIDAY Wailuku 96793

"Salt

encroachment

Keolu Refuge  
 USFWS

"Ma'alaea Sea Turtle Protection Meeting" (See Agenda)

Keolu Beach Restoration Committee

(1 PM)

Kathy Smith - Introductions - overview of E.O.

9 spots on map (yellow) where nests may be, nesting "attempts"

Tangled in pickleweed. This season, nesting people

23016 Turtle 19 Aug 96

Red - place where turtles on the road.

X, X killed B - turtle all the way across road; Police report of turtle in roads

Drug area - selling - "being taken care of."

"Citizen Watch" on turtles - access.

- 9 enforcement officers Maui

N. Kihiki Road

\* - ISSUES - (1) Drive on beach - keep vehicle off beach

(2) Keep turtles off highway

Cultural / Environmental / Biological / Social  
 Turtle - flag ship "work" Law enforcement ISSUES

Needs <sup>w/with</sup> ~~sent~~ <sup>sent</sup> ONSET  
- CT. Top kit, Biopsy kit, Temp.

9/6/96  
Friday

TO Kathy Smith  
Kaulaehi  
1 Maxwell <sup>Biogenesis Pacific Inc.</sup> 157 ALEA PLACE, PUKALANI, HI 96768  
<sup>w/with</sup> to Craig Rowland; Packet to Charles  
572-8036, FAX 572-6602

"Citizens on patrol - Honolulu - decreased  
thefts to vehicles." <sup>Craig - Report of</sup>

Drive on beach - 1st offense \$50 fine  
- Flashing life wave lengths <sup>price</sup> - 2nd offense - community service  
Reduce speed

- Schroeder - Turtle signs? <sup>Formal creation of "working group" 1977 Admin group</sup>  
Eight-wave lengths/shields  
- Fencing (plastic) loan Honolulu loan  
- 1.2 miles \$5,600 Finer mesh

SIZE OF MEETINGS:

Press Release

Fencing Prices

Kihei Community Association - for volunteers  
"Monitoring - FLASHLITES?"

WARNING - ROAD HAZARD  
Police Community Affairs - train volunteers

"DO'S AND DON'TS"  
"Desecrate Beach"

Radio discussion  
Fund Raising

weed - GIB  
FLASHING LITE  
- BAS - FLASHING

9/10/96 WTA08 7104 onset Stewaway -05+37  
program 30min mailed See p. 45

Kathy Smith, 11/22/96, 9:10am  
She called to let you know that when she checked the TDR  
(either the night of 11/12 or morning of 11/13) she found  
that the high surf had taken it out. It was no where to be  
found. Apparently they had high surf that weekend and the  
beach had eroded alot.

Date: Mon, 27 Jan 1997 07:40:44 -0900 (AST)  
From: "Dennis C. Miller" <dmiller@polarnet.com>  
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: Re: Quick answer to your question.

Hi George,

Best turtle day yet yesterday, off Maui Prince. Our last snorkel and we saw 5 to 6 turtles all healthy, mostly medium to large size - only one young one. Marine sanctuary within state's 3-mile limit very controversial here.... Yet based on what I'm seeing I think there needs to be controls. It seems like there are more commercial whalewatching and turtle snorkelers in the water than ever before -- too many in some locations I think (this is only my opinion---maybe such activity is harmless for turtles/whales).

We will be in Honolulu all day today - I might give you a call to at least say hi. Is it true that there are a couple of locations on Kauai where green turtles nest? I've decided to move forward with turtle book, and the missing link is the reproductive stage. -- I want to witness that first hand if it's possible. So need to find the closest, most inexpensive point where I could volunteer on nesting site that might be monitored. Any ideas other than FFS? Thanks.

Debbie

At 09:12 PM 1/25/97 -1000, you wrote:

>Dear Debbie- We had a very successful trip to Punaluu. Probably the  
>nicest weather, and best sea-state conditions, I have ever seen there in  
>18 years of visits.

>  
>You asked me about older (larger) green turtles having the tumors.  
>That is absolutely what we have found. The smaller turtles (35-45 cm )  
>coming off the highseas (pelagic habitat) rarely have the tumors. But by  
>55-70cm many certainly do. Then, as adults, a decline occurs. At least  
>based on our examinations of adults nesting at FFS. The adults have  
>few. Two possible explanations- 1) As sick tumored individuals, the  
>adults just don't have the energy reserves to travel to breed (or to come  
>into reproductive readiness; and 2) Many of the subadults with tumors  
>die, leaving the "immune" ones alive, or the ones that were never exposed  
>to the disease.

>  
>All this is of course speculation. But I think it's a good guess. Hope  
>your windup your Hawaiian holiday continuing to have a good time. Aloha,  
>George

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

PERSON RECORDING DATA:	

OLD TAGS:


NEW TAGS: RFL


LFL

TUMOR  
SCORE

--

OTHER  
NEW  
TAGS:


STRAIGHT CARAPACE-LENGTH:

--

WIDTH:

--

NOTCH LENGTH:

--

CURVED CARAPACE LENGTH:

--

WIDTH:

--

HEAD WIDTH:

--

SEX: MALE, FEMALE OR  
UNDETERMINED

--

TAIL LENGTH:

T

--

C

--

RIGHT FRONT FLIPPER WIDTH:

--

SAMPLES COLLECTED:

PLASTRON LENGTH:

--

WEIGHT:

--


DESCRIPTIVE REMARKS:



LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE						
LT. EYE						
MOUTH						
NECK						
RFF						
LFF						
RHF						
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

TUMOR SCORE:



26 July 93

Depart 9:50 AM Aloha <sup>FL70</sup>

Monday w/ Russ Moya for Kahului.

Picked up by Hihei Rent a Car,  
pickup truck with 1 1/8" hitch for  
\$39.95 a day. Drove to MauiCommunity College to pick up  
Achilles 25hp air trailer. Drove  
to Hono Kawa via HawaiianReef Divers for scuba tanks.  
Nohorani Apartments - \$91.50 day.  
4 day minimum - 2 bedrooms

Apartment - 4th floor Rm 402

Tel 1669-6696

BK Airport  
#3BK lunch  
#4.00

Soda 1.98

#9.00

Wind and light rain. Brown  
water along Hono Kawai - since  
heavy rain last Thursday,  
according to Peter & Ursula.  
Scoped-out dive sites in the  
evening (strong wind), then ate at  
Denny's in Lahaina7/27  
TUES.  
breakfast  
#8.50Up 6:30 am - Very brown water  
still present & some hard rain  
during the night. Strong wind.  
Watched for about 1/2 hour  
with binoculars - I saw one  
surface - Russ saw one also.  
That's all. ~20 yards inside

Tues  
7/27/93

Scuba  
30 min  
15 ft

Brown water. Hooked up boat <sup>can</sup> and drove to Olowalu. <sup>Caigabef</sup> at Mile Marker 14 - on sand beach. Very difficult due to small tires on trailer. Motored around searching for sightings of turtles - only one seen - did likely some ~~at~~ when a scuba (ca. <sup>est.</sup> 45 cm). Anchored near "Alaskan" - Houquian Reef Divers. Motored in front of Morell's home - photos. Big kauri pine further up coast. Camp Pacaya to the east of Morell's home. "Earthen" pier is coral rubble fill, with black stumps pitted at the very end. Pulled boat out on tide, with difficulty. Drove to Makea via Kihai. "Howling" wind along entire coastline.

#19 Dinner at Compadres

7/28/93 UP 6:30 AM - Sunny - finally  
Wednesday Still present but very narrow.  
However, by 9 am it <sup>is</sup>  
had returned wide - even wider  
than yesterday. Peter Bennett  
swam out either to edge of brown

Denny's  
breakfast  
#800



7/29/93  
Thursday

20° 57'	32"	34
" "	33	35
" "	34	35
" "	33	35
" "	34	35

Honokawai -  
"Turtle House"

Direct  
out  
from

156° 41'	24"	22
" "	23	22
" "	23	22
" "	23	23
" "	23	22
" "	23	22

20° 57' 34"  
156° 41' 23" W

KALEIATONA  
APT.  
3785  
Lower  
HOOPILINI Hwy

7/29/93 Perhaps up to 10  
Thurs: different turtles surfacing. Brown water

Black  
Rock  
Scuba =

20'  
30 min

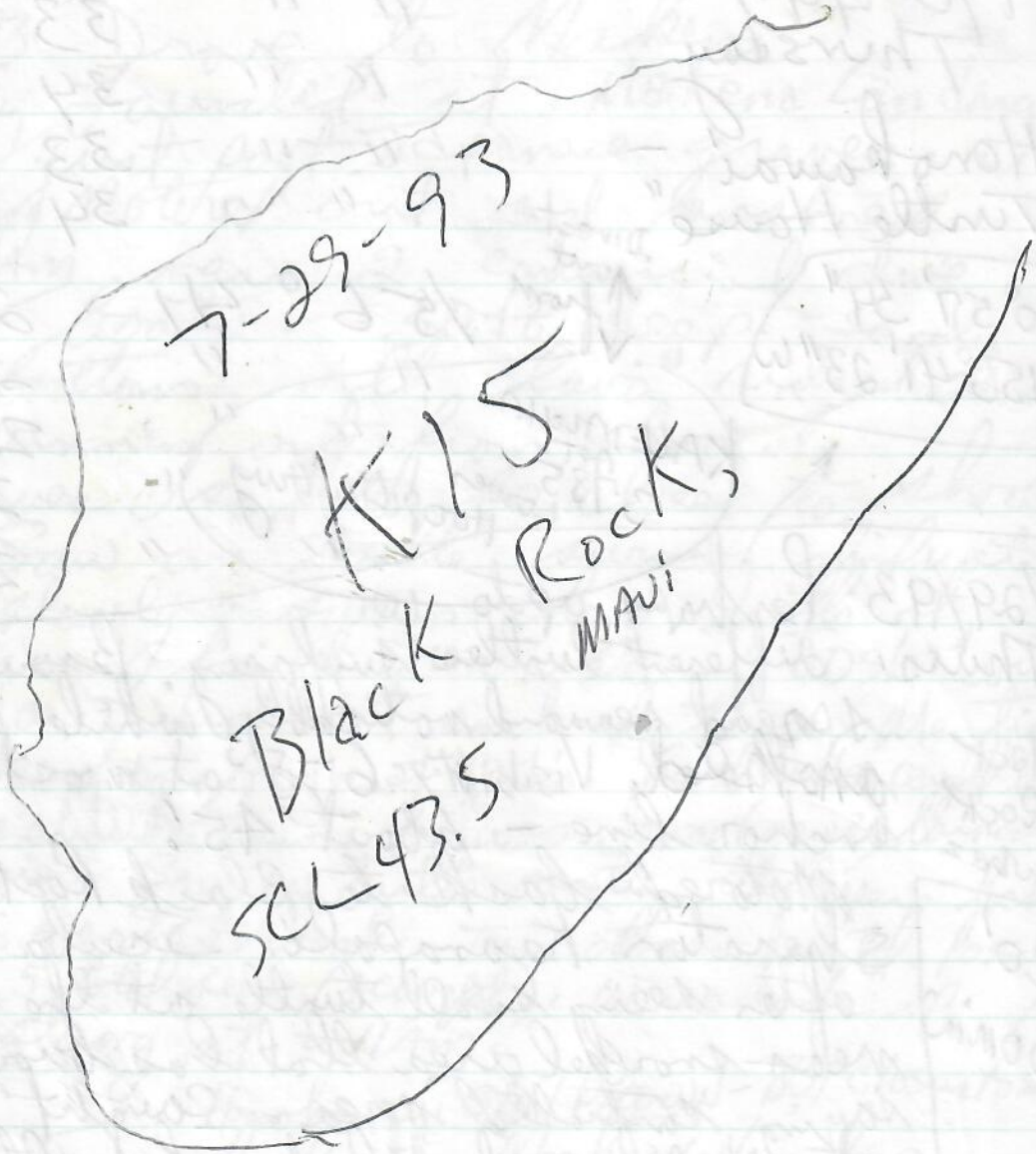
Hyatt =  
Scuba =

30 min  
30'

Spread seaweed noticeably while we were  
anchored. Visibility 6-8' at most. Measured  
anchor line - about 45'

Motor back to Black Rock at  
Sheraton Kaarapali. Scuba here  
after seeing small turtle at the surface  
near snorkel area that has buoys  
saying controlled area. Caught 2, one  
at Napili end of Rock where *Pterocladia*  
growing - Fresh water seen. Sighted  
turtle actually feeding on P.C.  
Caught at that time with algal  
wade hanging out of mouth.

Another turtle seen being photoed by  
Japanese couple (turtle resting).  
Proceeded to Hyatt. Scuba Saw  
only one turtle and caught it.  
(Cont. Page)



7-29-93

K15

Rock,  
MAUI

Black  
SCL 43.5

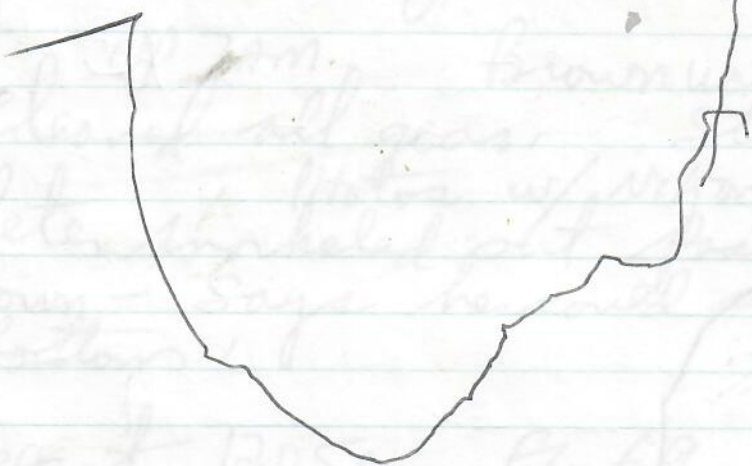


7-29-93

K-18

Black Rock, Maui

SCL 42.5



Quartz float

156°  
156°  
156°

7/29/93  
Thurs.

7/30/93  
Fri.

Depart BOS for PG 69 Hahaione

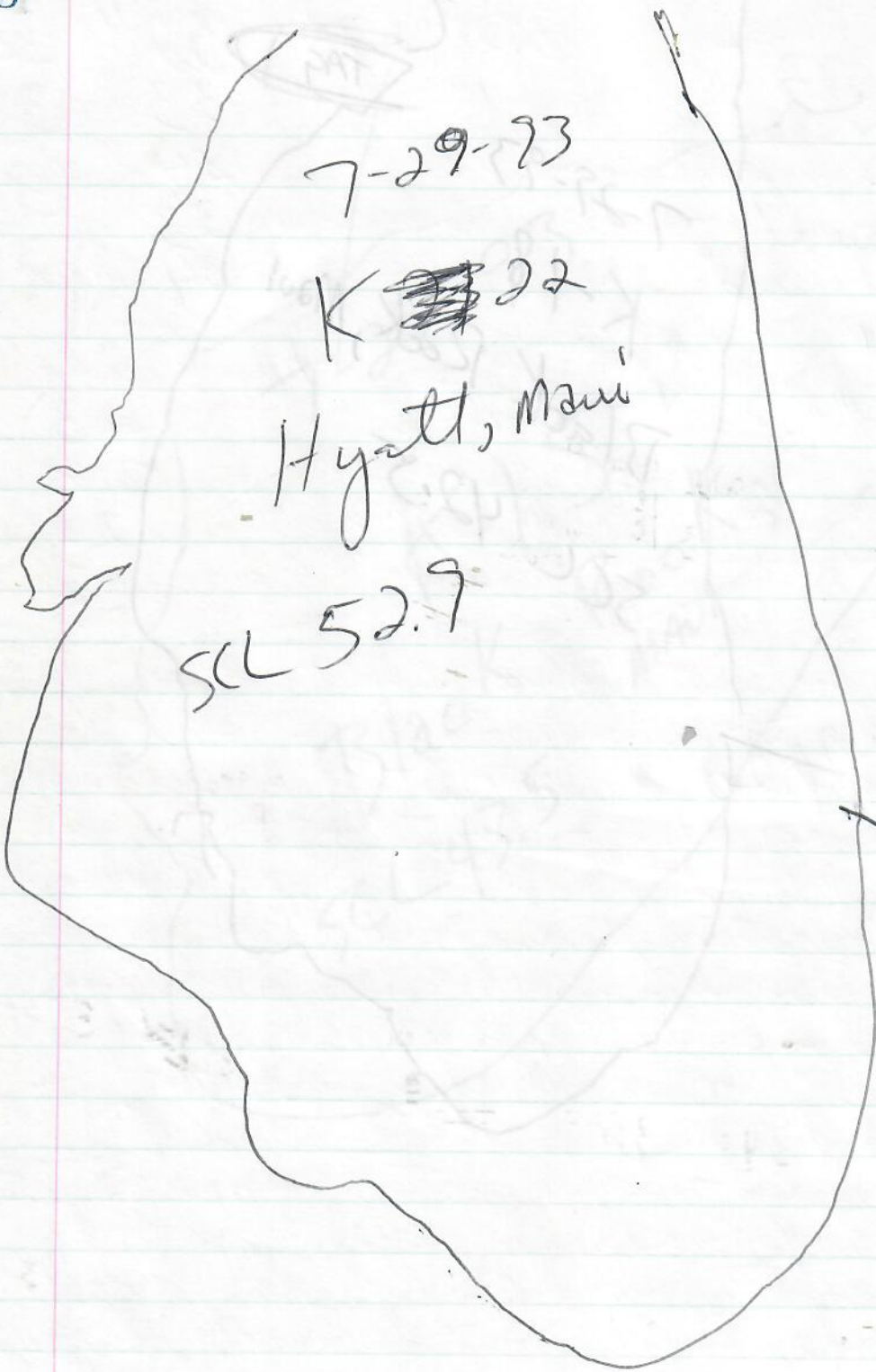


7-29-73

K ~~22~~ 22

Hyatt, Maui

SL 52.9



Power plant  
 friend of  
 Ric Villamor - Komento

Kahului Power plant =  $20^{\circ} 53' 49''$  N  
 $156^{\circ} 27' 45''$  W  $20^{\circ} 53' 42''$   
 $156^{\circ} 27' 44''$   $20^{\circ} 53' 44''$   
 $156 27 44''$   ~~$20 54 43''$~~

7/29/93 Evening went to Kahului  
 Thurs. Power plant with Bennetts.  
 So many heads impossible to count  
 except perhaps by videoing, then  
 slow motion.

7/30/93 UP 7 AM Brown water  
 FRIDAY Cleared all gear. Still there.  
 Photos w/ Nicholas.  
 Peter snorkeled out post  
 brown - says he could see  
 bottom.

Depart 1205 pm PL 69 Aloha.

20 JANUARY 93 MAUI MOP #1

Wednesday Alone

FL 70 ACHA, Depart 10:00am for  
Kahului.

Kim Roberts - Lahaina Divers

50' Blue & White motor vessel  
"ENDERBORG"

Dive 1 - OLOWALI 50<sup>min</sup> 40'  
1 capture (only one seen)

Dive 2

Hyaet - 40<sup>min</sup> 30'  
2 caught  
2-3 others seen

1/20/93 MEC -

Donna Liddicote - Scuba

Jonathan Hultquist - Snorkel

Cindy Schemkes - Scuba

Troy Scott - Snorkel

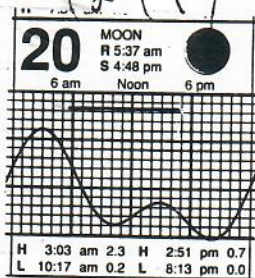
John Pye - Scuba

Bals

Scuba

Olowahu &

1/20/93 Hyatt



10

Olowalu Dive -  $21^{\circ}05'32''N$   
 $157^{\circ}06'10''W$

Ayatt -  $20^{\circ}48'11''N$   
 $156^{\circ}36'43''W$

- Maui Needs -

Thompson #35 to KIME  
 +15 windy FY92

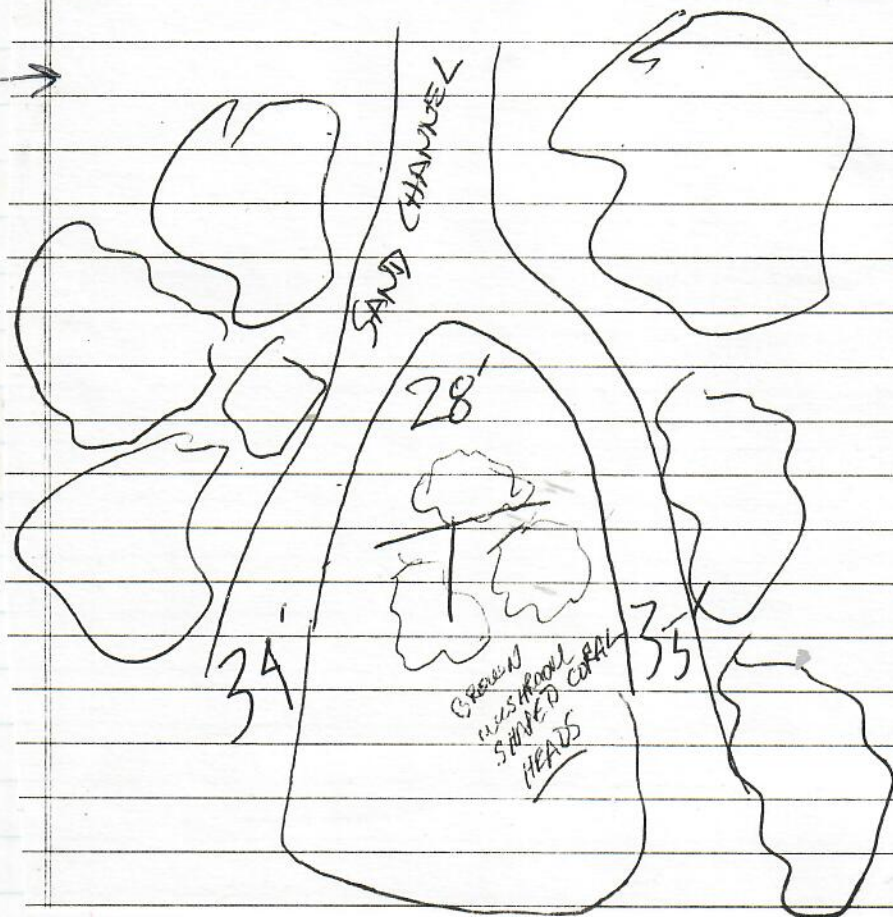
Video tape - Fall of Ancients

Kim Roberts, John Ray

Map Hiko; Rice 2 copies  
 1 to Boffen

Xerox to Julie

## TURTLE CONDO - OLOWALU.



ENTER under remarks =

①

## SEA TURTLE TAGGING FORM

21°05'32"N  
157°06'10"W

CAPTURE DATE, LOCATION AND METHOD:

Blowaco (Turtle Condo) 1/20/93

PERSON RECORDING DATA: JOHN Hultquist Head/Scuba

OLD TAGS:


NEW TAGS: RFL

R-747

LFL

R-748

TUMOR  
SCORE

2

OTHER  
NEW  
TAGS:

R-749 (LH)

R-750 (RH)

STRAIGHT CARAPACE-LENGTH:

73.9 cm

WIDTH:

62.8 cm

NOTCH LENGTH:

73.8 cm

CURVED CARAPACE LENGTH:

81.0 cm

WIDTH:

81.0 cm

HEAD WIDTH:

11.4 cm

SEX: MALE, FEMALE OR  
UNDETERMINED

U

TAIL LENGTH: T

17 cm

c

11.5 cm

RIGHT FRONT FLIPPER WIDTH:

12.6 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

61.2 cm

WEIGHT:

145 lbs

DESCRIPTIVE REMARKS:

Leys #2 REYE 1#2 1#1

RFF 3#2

Neck 1-#1, 1-#2 (patch)

Under ~~study~~ remarks

20°48'11"N

156°36'43"W (2)

## SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

Hyatt Reef, MAUI, 1-20-93  
Hard/Scuba

PERSON RECORDING DATA: Donna Liddicote

OLD TAGS:


TUMOR SCORE

0

NEW TAGS: RFL

R751

LFL

R752

OTHER NEW TAGS:

R753 (LH)

R754 (RH)

STRAIGHT CARAPACE-LENGTH:

56.8 cm

WIDTH:

45.6 cm

NOTCH LENGTH:

56.4 cm

CURVED CARAPACE LENGTH:

61 cm

WIDTH:

54 cm

HEAD WIDTH:

8.3 cm

SEX: MALE, FEMALE OR UNDETERMINED

U

TAIL LENGTH: T

11.0 cm

c

7.0 cm

RIGHT FRONT FLIPPER WIDTH:

10.1 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

47.0 cm

WEIGHT:

55 lbs.

DESCRIPTIVE REMARKS:

Leeches in both corners of the mouth  
PCA

Small patches of leech eggs - ventral neck



③ evd

## SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

Hyatt, Maui <del>Kaunapali</del>	1-20-93 Hand, Scuba
PERSON RECORDING DATA: Donna Liddicote	

OLD TAGS:


NEW TAGS: RFL

R755

LFL

R756

TUMOR  
SCORE

0

OTHER  
NEW  
TAGS:

R757 (LH)

R758 (RH)

STRAIGHT CARAPACE-LENGTH:

50.3 cm

WIDTH:

42.7 cm

NOTCH LENGTH:

49.8 cm

CURVED CARAPACE LENGTH:

54.0 cm

WIDTH:

48.5 cm

HEAD WIDTH:

7.8 cm

SEX: MALE, FEMALE OR  
UNDETERMINED

TAIL LENGTH: T

10 cm

C

6.5 cm

RIGHT FRONT FLIPPER WIDTH:

8.9 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

41.2 cm

WEIGHT:

41 lb

DESCRIPTIVE REMARKS:

to: Shawn Hoga, George Balazs  
subject: resighting for tdps

----- Message Contents -----  
2/16/94 sighted at Black Rock, Maui, in water observation of K17 hind flipper tag read by Ms. Dori Vance, 3592 Venture Drive, Huntington Harbor, CA 92649. Tel. 714-846-1789. A piece of fishing line was seen trailing from the cloaca. Otherwise the turtle was healthy in appearance.

Shawn- she called me from Calif to tell me about it! Really enjoys snorkeling with turtles every time they go stay at the Sheraton Hotel at BlackRock.

ce: Mon, 8 Apr 1996 07:31:33 -1000 (HST)  
 rom: Sherwood Maynard <sherwood@hawaii.edu>  
 o: Volker Deecke <deecke@zoology.ubc.ca>  
 c: webmaster@hpa.edu, hobatake@hpa.edu  
 bject: Re: Turtle tags

e will forward a hard copy of your message to Mr. George Balasz at the  
 onolulu Lab of the National Marine Fisheries Service. He does not have  
 -mail; can you relay your phone/fax contacts?

erwood Maynard, Director

\*\*\*\*\*  
 \* Marine Option Program \*  
 \* School of Ocean and Earth Science & Technology \*  
 \* University of Hawaii at Manoa \*  
 \* 1000 Pope Road, MSB 229 \*  
 \* Honolulu, HI 96822 U.S.A. \*  
 \* TEL: (808) 956-8433 FAX: (808) 956-2417 \*  
 \* E-MAIL: sherwood@hawaii.edu \*  
 \*\*\*\*\*

n Sun, 7 Apr 1996, Volker Deecke wrote:

Hi!

I got your addresses off the World Wide Web.

While scuba diving off Makena Landing on Maui on April 4th 1996, I  
 spotted a sea turtle (Chelonia mydas, I assume) with an aluminium tag on  
 the right flipper. The dorsal side of the tag read K12. Do you know of  
 anybody who might be interested in this information?

Cheers

Volker Deecke

Grad Student

*Makena Five Caves*

*K12*

Marine Mammal Research Unit  
 University of British Columbia  
 6248 BioSciences Road  
 Vancouver, B.C. V6T 1Z4  
 Canada

Voice: (604) 822-8181  
 Fax: (604) 822-8180  
 e-mail: deecke@zoology.ubc.ca  
 WWW: www.zoology.ubc.ca/~deecke

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
K11	07/28/93	1681	LFL
K12	07/28/93	1681	R34
K13	07/28/93	1681	LHF
K14	07/28/93	1681	RHF

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter				Overall				
						Interval Month	Year	Growth-rates cm/mon	cm/yr	Interval Month	Year	Growth-rates cm/mon	cm/yr	
07/28/93	Near Shore	Maui, Makena, Five Caves	0	-	41.9	---	---	---	---	---	---	---	---	---
08/08/93	Near Shore	Maui, Makena, Five Caves	0	-	---	---	---	---	---	---	---	---	---	---
08/14/93	Near Shore	Maui, Makena, Five Caves	0	-	---	---	---	---	---	---	---	---	---	---
10/30/93	Near Shore	Maui, Makena, Five Caves	0	-	---	2	0.2	---	---	3	0.3	---	---	---

*4/4/96 " " " Resighting by scuba diver Volker Deecke Tel (604) 822-8181*

Just sightings since no tags seen.

Was on Maui last weekend. Dove along 3 sites around Makena (and Molokini but no turtles there).

Denise 5/11/96

Ahihi Cove/Bay - saw about 8 different turtles. One probable cleaning/resting station with about 5 turtles there. No tags or tumors seen.. most turtles were between 60-70 cm, 1 in the 40's and 2 in the 50's.

Pu'u O Lae (Red Hill - near Maui Prince Hotel). About 4 turtles seen by myself most on the med to large size (60-70), 1 turtle probably close to 80 cm. 1 turtle was seen on this dive (by others) with tumors on eyes and front flippers. No tags seen.

Five graves - saw 5 turtles in the area ranging from 40--70+cm. One possible cleaning/resting area with 3 med turtles on it. no tumors or tags seen.

[20] From: Denise Ellis 10/24/95 9:47AM (1527 bytes: 28 ln)  
To: George Balazs, Shawn Murakawa  
Subject: Tel. msg (new turtle sightings)

----- Message Contents -----

Eric Stein  
P.O. Box 10785  
Lahaina, Maui 96761  
Ph: (808) 667-0611  
E-mail address: scuba@maui.net

Called to report tags seen. Dives often and sees many tagged animals.. Willing to report any dead animals he see, too (would need to tell him what sort of info we need on that, if we want it). Would like to report these via e-mail, said he's going to start taking pictures to document animals seen. Would like to talk you, George when you have the time, Ursula Keuper-Bennett gave him your number. Reported the following.

10/19/95- Kaanapali Beach, South of the Marriott.  
Tag K20 on RHF.. Healthy, interacting with another turtle, biting it on the tail. Wondered if this was an older tag.. Also saw dead turtle with tumors on reef that same day..

On another day - saw tag L11.  
- another turtle with torn RFL, sliced longitudinally, split 7" long.

on yet another day saw dead turtle wedge under ledge, at 1st Cathedrals on Lanai, small turtle. He thought it had gotten stuck there and was unable to get out therefore drowned.. Wanted to know if that was possible (I'd like to know, too.)

K20

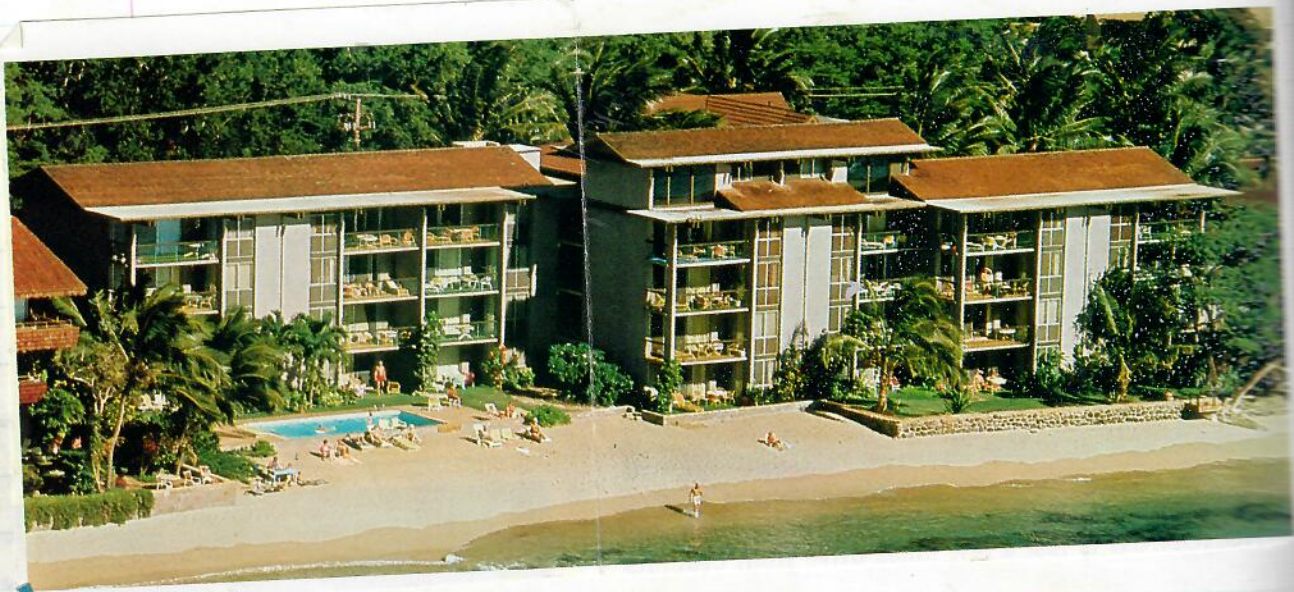
NOTTONANI

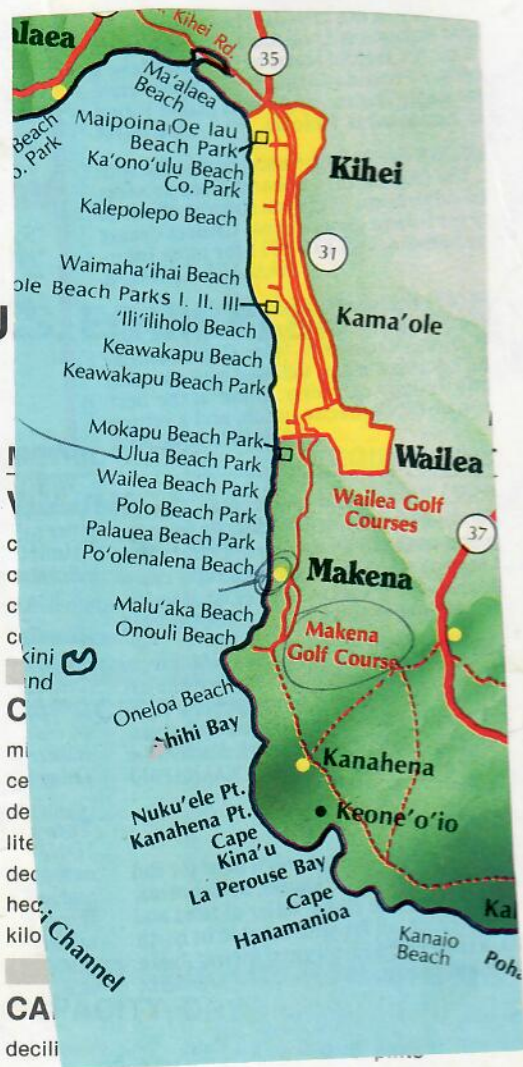
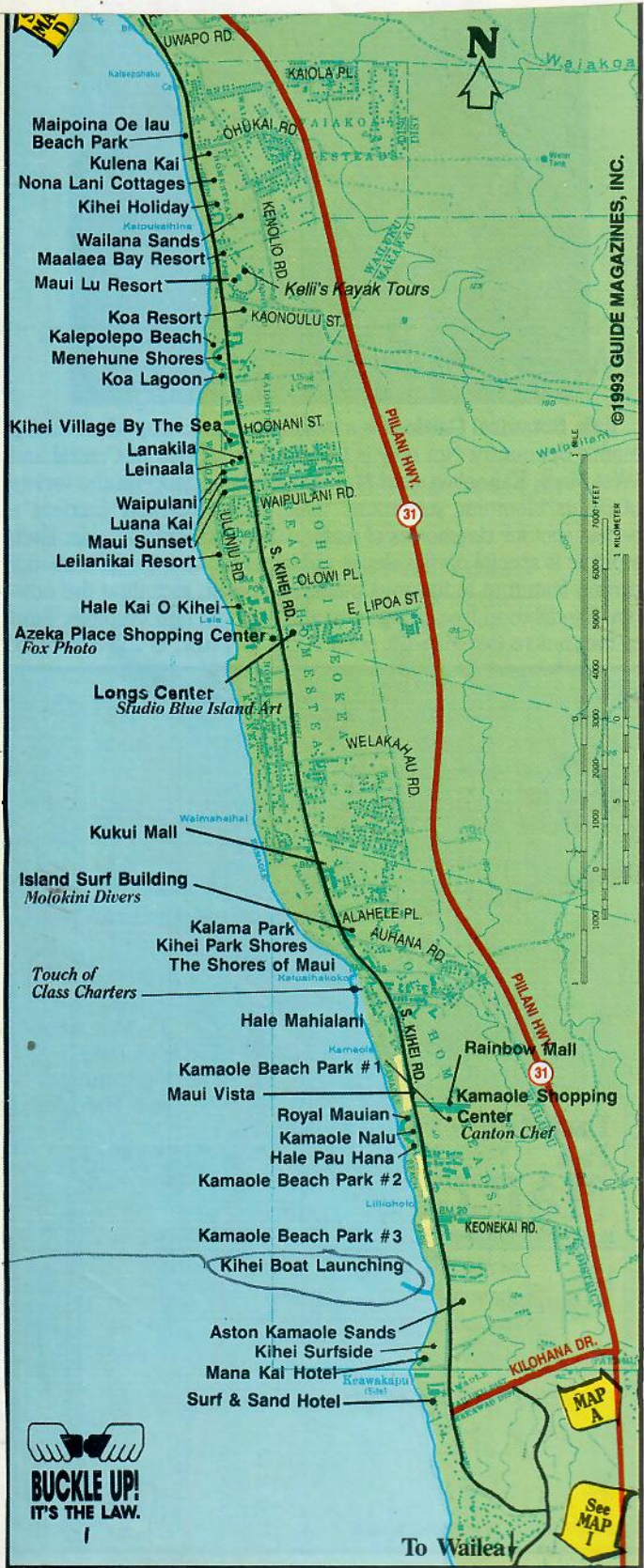
3723 Lower Honoapiʻikani Rd

LAHAINA 96761

808 669-8208

Blue Robinson





deciliter	(l)	0.908 quarts
decaliter	(Dl)	1.14 pecks
hectoliter	(h)	2.84 bushels

**CAPACITY, LIQUID**

milliliter	0.27 fluidrams
centiliter	0.338 fluidounces
deciliter	0.21 pints
liter	1.057 quarts
decaliter	2.64 gallons

**BUCKLE UP!**  
IT'S THE LAW.





(M)

305

+

300

300

240

224

114

242

180

162

Papawai Pt.

McGregor Pt.

Small boat harbor

Kealia Pond

Kealia

Kealia

Kealia

Kealia

Kealia

Kealia

Kealia

Kealia

Kealia

Kealia

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Kealia

LAHAINA DISTRICT  
WAILUKU DISTRICT

MAALAEAA  
BA

HONOAPIILANI HIGHWAY

WAIHEE ROAD

MAUI AIRPORT

WAIHEE ROAD

WAIHEE ROAD

WAIHEE ROAD

WAIHEE ROAD

WAIHEE ROAD

WAIHEE ROAD

WAIHEE ROAD

WAIHEE ROAD

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