

BALAZS

KIHOLA

HPA

HPA #5
#6
#7

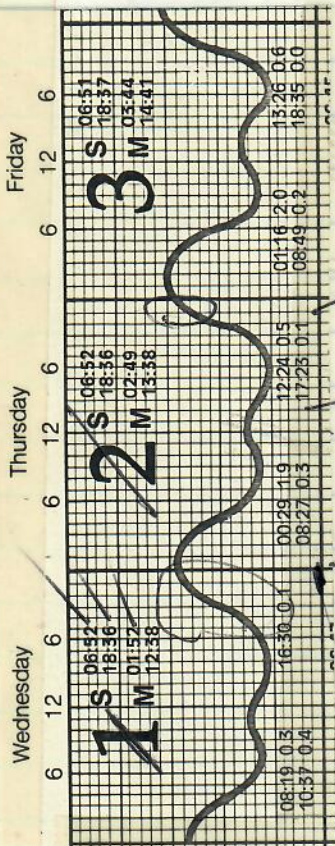
1988-89

2 OF 2

KIHOLA 1100-01

MARCH 1989

END OF HPA #5
26-28 OCT 88



17
Total

3/1
10:30-11:30 pm
8 hand captures

3/1
4:30pm TO MIDNIGHT
(7.5 HOURS)
9 CAPTURES by net

3/2 = 5
2:30pm UNFINISHED
at 11:45pm
3/2 = 7
10:30-11:45pm
SMOKE
FINISHED at 11:30 (9 hours)

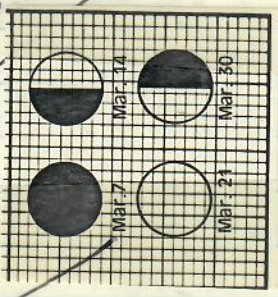
12 Total

3/1 = 17 total
(3 Long term recoveries NOT SEEN during HPA)
(3 HPA recoveries (1 year interval in 2 cmf))

3/2 = 12 TOTAL
(2 Long term recoveries NOT SEEN during HPA)
(2 HPA recoveries)

[+ 1 Y-95 CAUGHT / TAGGED 3/1]
net

29 Total
20 newly tagged



1 MARCH 1989 Kithole #6 Choy & Balazs
WEDNESDAY

Depart flight 90 AloHA - Coupons
provided by HPA. Car rental by me.
9 pieces of baggage total. ALAMO \$24.99
Nissan Wagon

Arrive - 2pm gate. Set up
~~camp~~ camp at point near cartakers
home.

Two 65' "homemade Hawaii" nets
set across pond entrance
~ 4:30 pm.

First turtle caught at ~ 5:15 pm.
Total of 9 caught from this
time to 8:30 pm. Nothing in
net thereafter.
Net pinned at ~ midnight.

Turtles caught by hand ~ 10:30 - 11:30 pm =
(8)

~ 24°C
Middle of
Bay -

Turbid -
Silt
Breaking swell
Rolling in.

DIVE Magazine Article

Peter Vassilopoulos
295-10991 Shellbridge way
Richmond, British Columbia
Canada V6X 3C6

HPA #6

4 Long term As follows

1.7 cm/yr	9 yrs
1.5 " " "	8.3 yrs
1.03 " " "	4.6 yrs
1.3 " " "	4.6 yrs

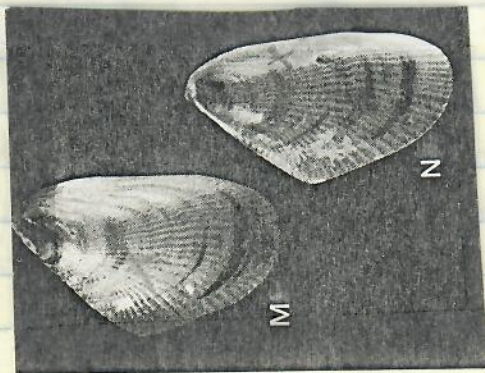
$$\div 4 = 1.38 \text{ cm/yr}$$

→ *Brachidontes crebristriatus* (Conrad, 1837). Fig. 164 M, N. (Synonym: *Mytilus crebristriatus* form *maritima* Pilsbry, 1921.) Height, 30 mm; length, 11.5 mm; diameter, 12 mm. *Shell*: slipper-shaped, moderately thin and inflated, inequivalve; beaks terminal; with radiating riblets; yellow to brown. *Margins*: ventral and dorsal margins parallel; posterior edge well-rounded; dorsal, posterior and ventral margins denticulated. *Sculpture*: numerous rounded, radiating riblets which increase by bifurcation, the interspaces subequal; riblets rendered finely nodulose by feebly developed concentric threads. *Color*: exterior dark brown; interior pale anteriorly and darkening to brown posteriorly; periostracum golden brown, shining, and concentrically banded with brown.

These mytilids are extremely abundant on limestone shorelines where they pave patches of solution benches at the 0 tide mark; they are found in lesser densities along basalt shores, and, indeed, are ubiquitous around the shorelines of the windward islands. The mussels are firmly attached to the substrate by a strong byssus, but when they are detached they can creep about on the narrow, fingerlike foot.

The shells of mussels occurring where there is freshwater outflow are generally larger, thinner, and less sculptured than those which are found in normally saline waters. Because Conrad's (1837) types were described from Pearl Harbor where there is considerable freshwater incursion, Pilsbry (1921) distinguished the smaller marine mytilids as form *maritima*. There appears to be little reason for distinguishing the forms on conchological grounds, as valves intermediate between the extremes are common.

HAWAIIAN MARINE SHELLS

Growing on
Inconel
tagSee
p. 64

Shan Pustka

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.
hand captured

TAG RECOVERY:

NEW TAGS: RFL Y-95
OTHER TAGS:

LEL Y94

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 41.3 centi.

WIDTH: 33.9 centi.

NOTCH LENGTH: 40.5 centi.

CURVED CARAPACE- LENGTH: 43.5 centi.

WIDTH: 39.0 centi.

HEAD WIDTH: 6.6 centi.

TAIL LENGTH: 6.7 centi.

RIGHT FRONT FLIPPER WIDTH: 7.9 centi.

PLASTRON LENGTH: 33.4 centi.

WEIGHT: 24 lbs.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

2 not very good pictures.

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.

hand capture

TAG RECOVERY:

NEW TAGS: REL

OTHER TAGS:

Y-97

LEL

Y-96

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 43.6 centi.

WIDTH: 35.9 centi.

NOTCH LENGTH: 43.2 centi.

CURVED CARAPACE- LENGTH: 46.0 centi

WIDTH: 42.5 centi.

HEAD WIDTH: 6.9 centi.

TAIL LENGTH: 8 centi.

RIGHT FRONT FLIPPER WIDTH: 7.9 centi.

PLASTRON LENGTH: 35.2 centi.

WEIGHT: 27 lbs.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

gray paint swirl
for short term I.D.

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.

TAG RECOVERY:

NEW TAGS: RFL Y-98
OTHER TAGS:

LFL Y-99

MORPHOMETRICS

y-100 L3-4

STRAIGHT CARAPACE- LENGTH: 53.8 cm.

WIDTH: 42.1 cm

NOTCH LENGTH: 53.4 cm

CURVED CARAPACE- LENGTH: 57 cm.

WIDTH: 48 cm.

HEAD WIDTH: 8.5 cm.

TAIL LENGTH: 9.7 cm.

RIGHT FRONT FLIPPER WIDTH: 9.3 cm.

PLASTRON LENGTH: 43.8 cm.

WEIGHT: 47 lbs.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.

TAG RECOVERY: ←

RFL: 3315

LFL: 3316

MORPHOMETRICS

NEW TAGS: RFL Y/01 (3-4) LFL

OTHER TAGS:

3/21/80
S-42.9
28 lbs

STRAIGHT CARAPACE- LENGTH: 58.2 cm.

WIDTH: 46.5

NOTCH LENGTH: —

CURVED CARAPACE- LENGTH: 62.0 cm.

WIDTH: 55.5 cm.

HEAD WIDTH: 9.1 cm.

TAIL LENGTH: 11 cm.

RIGHT FRONT FLIPPER WIDTH: 9.5 cm.

PLASTRON LENGTH: 47.3 cm.

Interval = 9 yrs
15.3 cm increase
1.7 cm/yr

WEIGHT: 62 lbs. - 28 = 34 lbs increase

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

NOTE
Not captured during APA expeditions -

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.

TAG RECOVERY:

NEW TAGS: REL

Y102

LFL

Y103

OTHER TAGS:

Y104 f. (34)

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 56.8 cm.

WIDTH: 44.7 cm.

NOTCH LENGTH: —

CURVED CARAPACE- LENGTH: 60 cm.

WIDTH: 55 cm.

HEAD WIDTH: 9.1 cm.

TAIL LENGTH: 11.2 cm.

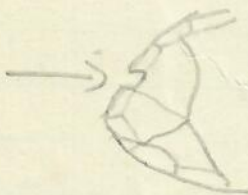
RIGHT FRONT FLIPPER WIDTH: 9.9 cm.

PLASTRON LENGTH: 46.4 cm.

WEIGHT: 57 lbs.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

lower plastron around 20 burrowing barnacles



head injury

right hind flipper is 1/4 missing.

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.

TAG RECOVERY:

NEW TAGS: RFL Y-106
OTHER TAGS:

LFL Y-105

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 46.0

WIDTH: 35.6

NOTCH LENGTH: —

CURVED CARAPACE- LENGTH: 49.

WIDTH: 42.5

HEAD WIDTH: 7.5

TAIL LENGTH: 9.5

RIGHT FRONT FLIPPER WIDTH: 7.9

PLASTRON LENGTH: 36.0

WEIGHT: 29.5 lbs.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

burrowing barnacles: 7 (plastron)

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3/1/89 P.M.

TAG RECOVERY:

NEW TAGS: RFL Y-107
OTHER TAGS:

LEL Y-108

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 47.2

WIDTH: 36.3

NOTCH LENGTH: 46.9

CURVED CARAPACE- LENGTH: 49.5

WIDTH: 43.5

HEAD WIDTH: 7.6

TAIL LENGTH: 9.8

RIGHT FRONT FLIPPER WIDTH: 8

PLASTRON LENGTH: 37.1

WEIGHT:

31.5 lbs.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Burrowing Barnacles: 33 (plastron)
2 (carapace)

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3-1-89 pm

Net capture

TAG RECOVERY: \swarrow

NEW TAGS: RFL

LEL

OTHER TAGS:

LFL 3487
RFL 348810/16/80
SL-57.9
56lbsFront Y109 (LF 3-4)
Back Y110 (RF)

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 70.4

WIDTH: 54.1

NOTCH LENGTH: 70.3

CURVED CARAPACE- LENGTH: 75

WIDTH: 66

HEAD WIDTH: 10.3 cm

TAIL LENGTH: 13.2 cm

RIGHT FRONT FLIPPER WIDTH: 10.9

PLASTRON LENGTH: 55.2 cm

WEIGHT: $92.5 - 56 = 36.5$ lbsINTERVAL =
8YR - 4mo
(8.3YRS)
12.5 cm
1.5 cm/YR

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Fecal sample
Collected three Bivalves from inside tag 3487NOTE - ~~not~~ NOT seen since HPA started

SAMPLES COLLECTED:

ID'ed as
Brachidontes
crebrisriatus see p.56

CAPTURE DATE, TIME AND LOCATION:

3-1-89 pm

TAG RECOVERY:

RFL - 8932
LFL - 8931NEW TAGS: RFL
OTHER TAGS:

LFL

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 43.6

WIDTH: 35.9

NOTCH LENGTH: —

CURVED CARAPACE- LENGTH: 46.5

WIDTH: 42

HEAD WIDTH: 7.3

TAIL LENGTH: 8.0

RIGHT FRONT FLIPPER WIDTH: 7.8

PLASTRON LENGTH: 36.0

WEIGHT: 28

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Plastron Burrowing Barnacles on Plastron 3

1/27/88 HPA
#3

SL = 42.7

10 mo
ago

0.9 cm

estimated
= 1.08 cm/yr

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3-1-89 pm

TAG RECOVERY: ←

LFL 89 04
RFL 89 03

NEW TAGS: RFL

LFL

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 41.0

WIDTH: 34.4

NOTCH LENGTH: 40.6

CURVED CARAPACE- LENGTH: 43

WIDTH: 40

HEAD WIDTH: 7.3

TAIL LENGTH: 8.7

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH: 33.3

WEIGHT: 24.5

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

SAMPLES COLLECTED:

HPA#2

2/11/88

SL=39.1

ALSO HPA #5
10/26/88

1.08 yr

13 months

0.9 cm

0.83 cm/yr

CAPTURE DATE, TIME AND LOCATION:

Net capture

3-1-89 pm

TAG RECOVERY:

NEW TAGS: RFL

Y112

LFL

Y111

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH:

43.6

WIDTH:

36

NOTCH LENGTH:

43.3

CURVED CARAPACE- LENGTH:

46

WIDTH:

42

HEAD WIDTH:

6.9

TAIL LENGTH:

6.5

RIGHT FRONT FLIPPER WIDTH:

7.7

PLASTRON LENGTH:

35.5

WEIGHT:

25.5

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Whitish Plastron
 Likely New Recruit
 No Barnacles
 Light coat of green algae on plastron
 Very delicate on plastron

SAMPLES COLLECTED:

CAPTURE DATE, TIME AND LOCATION:

3-1-89 pm.

TAG RECOVERY:

✓ LFL 8723
RFL 8722

NEW TAGS: RFL

LFL

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 46.9

WIDTH: 37.5

NOTCH LENGTH: 46.2

CURVED CARAPACE- LENGTH: 50

WIDTH: 44

HEAD WIDTH: 8

TAIL LENGTH: 9.3

RIGHT FRONT FLIPPER WIDTH: 6.9

PLASTRON LENGTH: 36.9

WEIGHT: 33.5

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

SAMPLES COLLECTED:

ALSO HPA # 5 10/27/88
HPA # 2 2/10/88
SL = 46.5
0.4cm
13 months
1.08 yr

Katherine Hannah

CAPTURE DATE, TIME AND LOCATION:

3-1-89 pm

DATA RECORDER

TAG RECOVERY:

NEW TAGS: REL

Y-113

LEL

Y114

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 43.9

WIDTH: 36.2

NOTCH LENGTH: 42.7

CURVED CARAPACE- LENGTH: 46.5

WIDTH: 40

HEAD WIDTH: 7.4

TAIL LENGTH: 9.9

RIGHT FRONT FLIPPER WIDTH: 8

PLASTRON LENGTH: 35.1

WEIGHT: 26 lbs

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Burrowing Barnacles: Plastron
5 Barnacles

SAMPLES COLLECTED:

INTERVAL = 4yr - 7mo (4.58 years)

SL = 4.7cm increase

3/1/89

Tag Recovery:

RFL: 7776

LFL: 7777

1.03cm/yr New Tags.

RFL 3-4 Y-115

RH Y-116

8/9/84

S-52.8

46lbs

Straight Carapace: length: 57.5 Width: 45.6

Notch length: 57.2

Curved Carapace: length 61.5 Width 56.5

Head Width: 9

Tail length: 10

Right Front Flipper Width: 9.5

Plastron length: 47.7

Weight: 62 lbs - 46 = 16 lbs increase

Descriptive Marks:

Borrowing Barnacles: 1 (Plastron)

Weight: 2 lbs

Note - Not previously recovered
during HPA projects

Samples Collected

3/1/89

Tag Recovery

RFL: 74

LFL: 71

New Tags

RFL: 3-Y-117, Y-118

LFL: Y-119

Straight Carapace: length 63 Width 47.8

Notch Length: -

Curved Carapace: Length 67 Width 57.5

Head Width: 9.9

Tail Length: 13.7

Right Front Flipper Width: 10.2

Plastron length: 48.8

Weight: 68 lbs

Descriptive Marks:

Heavy Green scum on carapace.

Samples Collected

Tag Recovery

RFL

LFL

New Tags

RFL: Y-120

LFL: Y-121

Straight Carapace: length: 47.6 Width: 37.4

Notch length: 46.9

Curved Carapace: length: 51 Width: 44

Head Width: 7.8

Tail length: 8.7

Right Front Flipper Width: 8.8

Plastron length: 38

Weight: 36.5 lbs

Descriptive Marks:

Samples Collected

END OF

73
CAPTURES

3/1/84

Wednesday

Tag Recovery
RFL
LFL

New Tags
RFL: Y-122
LFL: Y-123

Straight Carapace: length: 51.2 Width: 39.7

Notch length: 50.4

Curved Carapace: length: 54.5 Width: 47.5

Head Width: 8.8

Tail length: 9.2

Right Front Flipper Width: 9.2

Plastron length: 42

Weight: 44.5

Descriptive Marks:

Burrowing Barnacles: 3 (Plastron)

Maybe Tag on 5+6 right, chewed up.

Samples Collected

Sharks - Silent hunters of
the deep
1986 Readers Digest Service P/H/d
Surry Hills, NSW

Tim Cooke
2802 Oahu Ave.
Honolulu, HI 96822

Bart M Wyatt

Eva Kalei Anderson
Marina Noguez

Lisa L. Berthoud
Kevin KRAMER

Kristen Glaspey

Dubravka Neqvetic

Ksaver 12

41000 Zagreb

Yugoslavia

Dawn Hegger

FAMILY

3/2/89

Thursday

Pins off net at 2:30

Large previous tag -
 turtle caught 2:30pm
 smaller no tag at 4:30pm.



- new gray book - move data sheets
- paint caliper fluorescent red
- take scale in for repairs
- "ONLY" High School project
- letter to Administration HRA
- locate turtle on snorkel - then position someone to watch for breathe hold.
- letter to Hind

Shannon Puska
P.O. Box 118D
Kamuela, Hawaii
96743

send
literature

Kim Sweet

Visnja Negovetic

Dubravka Negovetic

♀ Saudi Arabia

Twins

3/2 PM - Short section of net set across Sluiceway
left to about midnight (high tide)
water flowing rapidly in.
No captures. 0
No Turtles seen in ponds.

SMET
Shannon 3/2/89 Thursday
pm

Capture 5 77
Ki Holo HPA #6

DATA
Records

hand capture
Tag Recor.

RFL:

LFL:

New Tags

RFL: Y-124

LFL: Y-125

Other:

Straight Carapace length: 47.3 cm. width: 37.3 cm.

Notch:

Curved Carapace length: 50.5 cm. width: 44.5 cm.

Head width: 7.8 cm.

tail length: 11 cm.

Right Front Flipper: 8.4 cm.

Plastron length: 37.5 cm.

weight: 35.5 lbs.

Descriptive marks:

Comments:

photos 1 and 2

Data taken by
Shannon Diane Pustro

HPA#6

date: 3/2/89 pm

hand capture

tag recov.

Interval = 4.58 yrs (4 yr 7 mo)

6 cm increase 1.3 cm/yr

not
seen on
previous
HPA's

LFL: 7756 → previously expanded

New Tags

LFL:

RFL: 7755 → expanded

RFL: Y-126 (3-4)

Other:

8/8/84 SL-42.7
28 lbs

Straight Carapace length: 48.7

width: 39.8

notch: 48.5

Curved Carapace length: 51.5

width: 45.5

Head width: 8.1

Tail length: 10

right Front Flipper: 9.4

Plastron length: 39.5

weight: 39.5 - 28 = 11.5 lbs

Descriptive marks:

burrowing barnacles: 12 (plastron)

Comments:

photo #3

HPA #6

J# A9H

79

date: 3/2/89 ^{pm} hand capture

tag Recov.

LFL: Y-2

RFL: Y-2

NEW TAGS

LFL: Y-127

RFL: Y-128

Other:

Straight carapace length: 41.3

Notch: 41.1

width: 37.9

Curved carapace length: 50.5

width: 44.0

Head width: 8.0

tail length: 10.0

Right Front Flipper: 8.2

Plastron length: 38.7

weight: 34.5

Descriptive marks:

LEFT HAND Flipper missing (cheated); no blade left.

Narrowing bar nacles: 1

Comments:

photo 4

photo 5 → EVN

HPA #6

date: 3/2/88 hand capture

tag recov.

LFL: Y-3 (expanded)

RFL: Y-2 (expanded)

New Tags

LFL:

RFL:

Other:

Straight Carapace length: 50.9

width: 42.9

Notch:

Curved Carapace length: 54.0

width: 49.5

Head width: 8.6

Tail length: 11.2

right front flipper: 9.7

plastron length: 40.3

weight: 47.5

Descriptive marks:

Comments:

photo #6

-rag was used over turtles head to quell it.

HPA #6

J#A9H

81

date: 3/2/89

tag recov.

LFL:

RFL:

New Tags

LFL: Y-130 (expanded)

RFL: Y-129

Other:

Straight Carapace length: 52.5

Notch: 51.9

Width: 41.6

Curved Carapace length: 56.5

width: 48.0

Head width: 9.0

Tail length: 10

Right Front Flipper: 9.9

Plastron length: 41.2

weight: 46.5

Descriptive marks:

extensive growth of algae and skin barnacles
on plastron. coated with silt.

burrowing barnacles: 2

Comments:

photo #7

-rag was used over turtles head
to quell it.

date: 3/2/89

tag recov.

LEL:

RFL:

New Tags:

LEL: Y-132

RFL: Y-131

Other:

Straight Carapace length: 54.2

Notch: 53.6

width: 40.5

Curved Carapace length: 57.0

width: 50.0

Head width: 9.0

Tail length: 10

Right Front Flipper: 9.0

plastron length: 43.3

weight: 45

Descriptive Marks:

painted carapace. Kape slipped off during weighing. deposits of stony algae on carapace

Comments:

#8

cloth used again

date: 3/2/89

tag recov.

LFL:

RFL:

New tags

LFL: Y-134 (expanded)

RFL: Y-133

Other:

Straight Carapace length: 42.0

width: 32.8

Notch: 41.3

Curved Carapace length: 44.0

width: 40.5

Head width: 7.6

tail length: 7.7

Right Front Flipper: 8.2

Plastron length: 34.2

width: 20.5

Descriptive Marks:

heavy silt on carapace and plastron.

Comments:

photo #13

date: 3/2/89

tag recov.

LFL:

RFL:

straight carapace length: 61.5

Notch: —

Curved carapace length: 65.5

Head width: 9.5

Tail length: 11.8

Right Front Flipper: 11.2

plastron length: 50.9

weight: 90

Descriptive marks:

Carapace covered with silt

Comments:

*problems occurred with scale - the accuracy of the following weights is questionable.

lumpy growth in "armpit" of turtle's left front flipper

3rd tag was placed upside down.

cloth was used to quell turtle.

photo #15

New Tags

LFL: Y-136

RFL: Y-135

Other: Y137 LFL13

width: 48.8

width: 58.5

date: 3/2/89

tag recov.

LEL:

RFL:

LEL: Y-138

RFL: Y-139

Straight Carapace length: 42.6

Notch: 42.0

Width: 37.2

Curved Carapace length: 42.5

Width: 42.0

Head width: 7.2

Tail length: 7.7

Right Front Flipper: 7.9

Plastron length: 33.9

weight: 11.6

Descriptive marks:

white-ish belly (pink)

little fouling on plastron but algae growth is extensive on carapace.
between 3rd & 4th scales on left front flipper a piece is missing

Comments:

photo # 16

HPA #6

A94
HPA #6

date: 3/2/89

NET capture

New tags

tag recov.

LFL:

LFL: 7182 (25) HO. 8933

RFL:

RFL: 3317 8934 (25)

Other:

Straight Carapace length: 65.8

width: 49.5

Notch: -

Curved Carapace length: 70.0

width: 63.0

Head width: 9.8

Tail length: 15.5

Right Front Flipper: 11.9

plastron length: 53.4

weight:

Descriptive marks:

Comments:

photo # 17

chain was used

4/28/88
HPA #3

HPA #6

87

date: 3/2/89

tag recovery

LFL:

RFL:

New Tags:

LFL: Y-141 (3-4)

RFL: Y-140

Other:

Straight carapace length: 45.9

Notch: 45.4

Curved carapace length: 48.5

tail length: 9

Right Front Flipper: 7.4

plastron length: 31.5

weight

head width: 7.3

Descriptive Marks:

width: 37.4

width: 44.0

Comments

photo #25

Flight 285 - 300pm to Australia

no change for hinged

Arrive ~ 345pm JAL left

no 89 at airport

88

end of
3/2 Thursday pmworked up
data collected
3/3 Friday
AM

date: 3/2/89

tag recov.

LFL:

RFL:

NEW tags

LFL: Y-142

RFL: Y-143

Other:

straight carapace length: 52.0 width: 40.0

Notch: 51.8

Curved carapace length: 55.0 width: 45.0

Head width: 8.5

tail length: 10.4

Right Front Flipper: 9.1

plastron length: 40.5

weight: 1.2

Descriptive Remarks:

left hind flipper - cut through on either side.

widest part of flipper - 11.5 (left) cut on either side:
3+4 cm (gill net?)

burrowing barnacles: 1 (plastron)

Comments:

photo # 27

-chotki used:

3/3/89

89

Friday

Worked up turtles 8:30 - 11 AM
in shade of kiawe. Barry
and students patched nets.
Scale broke.

Requested that Eric write up sightings
of turtles on the beach at PATTI(?) Bay
(near S. Point).

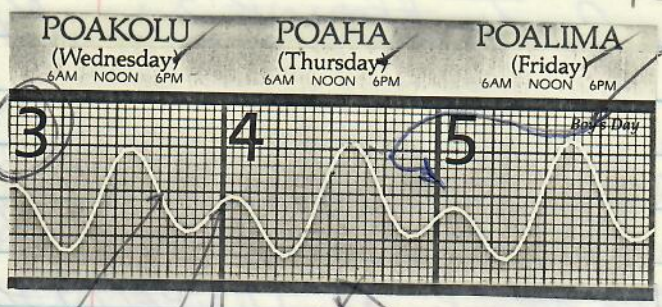
Depart ALOHA

Flight 285 ~ 3:10 pm to Honolulu
no charge for baggage.

Arrive ~ 3:45 pm. John left
van 87 at airport.

KIHOLO #7

DARK AND DECREASING TIDE RESPONSIBLE FOR High CATCH net out



100' net in 4:30pm
 1-7:45pm net up
 1-12:45 5/4 net pin up
 6 hand in pond 11-12
 1 slice 7AM 5/4
 970 to AS/3-5/4 (4 Recoveries)

Net unpinned 1:30pm
 Joined float at 3:30pm = 165'

28 turtles totals
 25 follows; 1 scooped netted in pond.

MAY 3 89 Wednesday
 Depart 9:50 AM HAWAIIAN AIR FL 208
 DOLLAR'S CAR (TOYOTA WAGON - \$13.95)
 TO KALOHO-HONOHAU (8 mile down road)
 2:15pm ENTER KIHOLO.
 Paul Mitchell reported died a few week ago

E. Reese
 Student

Javier Méndez
 Department of Zoology
 U. H. M.
 Edmondson Hall,
 2538 The Mall
 Hon., HI. 96822

NANCY
 Connie and Fred Chin
 538 Isabel Dr.
 Santa Cruz, Ca. 95060
 (408) 426-6378
 or via Long Marine Lab UCSC

Needs: April Shredder.

- Sluice net - where abouts?

VIAL
Good
net

photos eating.

- space assign A-2

photos of me / GROUP

- slides to Bek to distribute

TEMPERATURE 28°C 330pm 5/4

5-3-89 Campsite for second time at point
Wednesday w/ picnic tables.

* Letter
about
unique
project
High
School

100' red float net w/ light lead
in the water at 4:45 pm.

Turtle seen underwater when I
first swam across channel.
No net captures until 7:45 pm.
Teams report seeing several turtles
by net, and apparently swimming
around it.

Net pinned ~ 1230 am 5/4
Another net capture during pinning -
6 hand from pond -- 2 Barry
3 Kevin; 1 ?.

1 in sluice net found 7 am 5/4
All data on following pages, worked up
over a 3 hour period Thurs. morning.

5/4 Net unpinned ~ 1:30 pm wood float
Thursday AT 3:30 pm 65' attached shoal side end
3:45 - 4:15 pm There were 3 captures (Red Fl.)
5:18 pm = 2 (wood fl.) 8:52 pm = 1 (Red)
5:50 = 1 (Red) 7:20 = 2 (red) 10 pm 5 (Red)
6:20 = 1 (Red) 8:00 = 1 (red) 10:33 = 1 (red)
6:49 = 1 (wood) 8:10 = 3 (wood)
7:15 = 2 (wood)

5/5/89 All worked up and released. Depart Kiholo ~ 11 pm
Friday Visted HONAKA WAY - Kolo side
DEPART HA FL 1147 575 pm.

92

DATA

Kim Baxter

New Zealand

①

HPA #7

CAPTURE DATE, TIME AND LOCATION:

5-4-89 ~ 7AM Sluiceway net
Thursday

TAG RECOVERY:

NEW TAGS: RFL *Y229
OTHER TAGS: *Y230

LEL

Y230

ENGRAVED 2nd lateral left.

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 52.7 WIDTH: 40.8

NOTCH LENGTH: 52.6

CURVED CARAPACE- LENGTH: 56.5 WIDTH: 48

HEAD WIDTH: 8.1

TAIL LENGTH: 11

RIGHT FRONT FLIPPER WIDTH: 8.8

PLASTRON LENGTH: 43.7

WEIGHT: 44 pounds

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Tan Paint

How long in the pond?

No skin barnacles.

SAMPLES COLLECTED:

Right hind flipper : 2 photos #1,2
length - 20.4
width - 11.1

(2)
CAPTURE DATE, TIME AND LOCATION:

5/4/89 net capture
12:45 am

TAG RECOVERY:

AM

NEW TAGS: RFL

Y231*

OTHER TAGS:

LFL Y232

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 44.6

WIDTH: 33.7

NOTCH LENGTH: 44.3

CURVED CARAPACE- LENGTH: 47.5

WIDTH: 40.0

HEAD WIDTH: 7.2

TAIL LENGTH: 8
5.3

RIGHT FRONT FLIPPER WIDTH: 8.4

PLASTRON LENGTH: 36.4

WEIGHT: 29 pounds.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

while the net was being pinned up.

light incidence
of barnacles

- skin barnacles.

SAMPLES COLLECTED:

"prudent" behavior
had hind flipper "fold" over tail when
tied for weighing.

hind flipper - length 18.4

- tattered width - 10.6

photo #3

③

CAPTURE DATE, TIME AND LOCATION:

S113 net 7:45 pm 5/3/89

Wednesday

TAG RECOVERY:

NEW TAGS: RFL Y233* LFL Y234

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 48.4

WIDTH: 39.3

NOTCH LENGTH: 47.9

CURVED CARAPACE- LENGTH: 52

WIDTH: 46.5

HEAD WIDTH: 7.7

TAIL LENGTH: deformed - 12.0

7.5

RIGHT FRONT FLIPPER WIDTH: 8.7

PLASTRON LENGTH: 38.4

WEIGHT: 36.5

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

last several vertebrate are deformed - connected together

left ventral shoulder - likely fish hook puncture

Rhf. 50% missing - healed width: 6.5
(Right hind flipper)

- (probably an injury → We don't know!

light - Barnacles

SAMPLES COLLECTED:

prudent behavior -
yes

left hind flipper 10.5

19.5

photo #4
- venter

④

CAPTURE DATE, TIME AND LOCATION:

hand capture - 11^{pm} 12 pm

5/3/89 Wednesday

TAG RECOVERY:

NEW TAGS: RFL

Y235*

LFL Y236

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 38.2

WIDTH: 31.3

NOTCH LENGTH: 37.8

CURVED CARAPACE- LENGTH: 40.5

WIDTH: 35.5

HEAD WIDTH: 6.2

TAIL LENGTH: 6.7
4.1

RIGHT FRONT FLIPPER WIDTH: 6.6

PLASTRON LENGTH: 30.6

WEIGHT: 18.5 pounds.

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

smallest have seen close to shore

possible tumour on top eye lid - $\frac{1}{2}$ cm length
right 2mm wide

light skin bannicles

Released
outside pond, like
all others this
date. Captured
again by hand
5/4/Net,
but released
right away.

SAMPLES COLLECTED:

non-prudent behavior

left hind flipper - 8.1 - width

14.1 - length

photo # 5

with Sylvan

(5)

CAPTURE DATE, TIME AND LOCATION:

5/3/89
hand capt. 11-12 pm

TAG RECOVERY:

3/1/89 Kiboko
#655-46.0

NEW TAGS: RFL

LFL

OTHER TAGS:

Y-238

Y-237



MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 47.9

WIDTH: 37.9

NOTCH LENGTH:

CURVED CARAPACE- LENGTH: 51

WIDTH: 45

HEAD WIDTH: 8.1

TAIL LENGTH: 11.7

RIGHT FRONT FLIPPER WIDTH: 8.6

PLASTRON LENGTH: 37.9

WEIGHT: 36.516

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

Barnacle scars on Plastron
RHF 1/2 missing healed injuries
+ 10th 11th & postcentral missing healed

SAMPLES COLLECTED:

photos - 2 - Jaws tagging
with flash - 6, 7 - without

1 photo
#8 - showing
injuries

Left hind Flipper
Length - 19.5
width - 10.7

6

CAPTURE DATE, TIME AND LOCATION: 5/3

Hand capt 11-12 PM

TAG RECOVERY:

^{right} RY-106

^{left} LY-105

NEW TAGS: RFL

LFL

OTHER TAGS:

3/1/89 Kiholo #6
SC-46.0

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 46.6

WIDTH: 36.1

NOTCH LENGTH: 46.5

CURVED CARAPACE- LENGTH: 50.0

WIDTH: 43.0

HEAD WIDTH: 7.4

TAIL LENGTH: 9.2 / 6.5

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH: 36.6

WEIGHT: 27 1/2 lb

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

heavy barnacles
skin

SAMPLES COLLECTED:

non-prudent behavior

Right front flipper - 8.6

Farris, R. G. & C. W.
 Marania House

⑦

CAPTURE DATE, TIME AND LOCATION:

Kiholo

5/3/89

* hand capture 11-12 pm.

TAG RECOVERY:

Rfl: 8905*

Lfl: 8906

MORPHOMETRICS

NEW TAGS: REL

LFL

OTHER TAGS:

STRAIGHT CARAPACE- LENGTH: 44.8

WIDTH: 36.9

NOTCH LENGTH: 43.9

CURVED CARAPACE- LENGTH: 47.5

WIDTH: 42.5

HEAD WIDTH: 7.3

TAIL LENGTH: 10.0

RIGHT FRONT FLIPPER WIDTH: 7.2

PLASTRON LENGTH: 36.0

WEIGHT: 27 lbs

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

non-prudent behavior
 Slight Barnacles

The graving was w/ the round bit

SAMPLES COLLECTED:

2 pictures (10x11) - Marania

Right hind flipper
 length 18.2

⑧ CAPTURE DATE, TIME AND LOCATION: 5/3/89 Kiholo
 * Hand capture 11-12 pm

TAG RECOVERY:

Left 3316
 Right 3315* Y-101

NEW TAGS: RFL

LFL

OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 58.0

WIDTH: 46.4

NOTCH LENGTH:

CURVED CARAPACE- LENGTH: 62.0

WIDTH: 56.5

HEAD WIDTH: 9.2

TAIL LENGTH: 11.8

RIGHT FRONT FLIPPER WIDTH: 10.0

PLASTRON LENGTH: 47.4

WEIGHT: 60.5 lbs

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

non-prudent behavior

Slight Barnacles scars on plastron.

Round bit used

released outside pond
 like all others this date,
 Recaptured 5/4 snorkel inside
 pond.

SAMPLES COLLECTED:

Hind Flipper length 21.8

11/100/11

Eva Anderson

END OF 5/3-5/4

CAPTURE

9

CAPTURE DATE, TIME AND LOCATION:

hand capture 11-12 pm

5/3/89 kiholo

TAG RECOVERY:

Lfl 8950 and 8948

Rh-8949

Rfl-8947*

NEW TAGS: RFL
OTHER TAGS:

LFL

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 70.3

WIDTH: 55.2

NOTCH LENGTH: 20.1
(injury)

CURVED CARAPACE- LENGTH: 75

WIDTH: 67

HEAD WIDTH: 10.2

TAIL LENGHT: 14.2

RIGHT FRONT FLIPPER WIDTH: 9.1

PLASTRON LENGTH: 58.6

WEIGHT: 97

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

8950¹ knobby growth nearby.
- barnacles - medium

SAMPLES COLLECTED:

1 picture (#12)

(1)

Thurs. - FRIDAY

CAPTURE DATE, TIME AND LOCATION: net capture
5/4/89

TAG RECOVERY: 8904 = Left
* 8903 = Right

NEW TAGS: RFL LFL
OTHER TAGS:

MORPHOMETRICS

STRAIGHT CARAPACE- LENGTH: 41.6 WIDTH: 34.8

NOTCH LENGTH: 40.9

CURVED CARAPACE- LENGTH: 43.5 WIDTH: 40.5

HEAD WIDTH: 7.4

TAIL LENGTH: 8.2

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH: 33.9

WEIGHT: 24 lbs

DESCRIPTIVE REMARKS (ie TUMORS, OTHER ABNORMALITIES)

light barnacles

P "Prudent BEHAVIOR"

HIND FLIPPERS tightly folding
OVER TAIL WHEN weighing

ROPE TIED ON.

SAMPLES COLLECTED:

GO TO PAGE 10, 12, 13, 14, 16 ETC.

Summary of growth rates
for 16 green turtles, *Chelonia mydas*, tagged
and recaptured at Kiholo Bay, Hawaii

H. GROW RATE: GHB

AS OF
3/89

HPA # 17

Compiled by George H. Balazs

SOUTHWEST FISHERIES CNTR
HONOLULU LABORATORY
2570 DOLE STREET
HONOLULU HI 96822-2396

Primary tag No.	Initial straight carapace length cm	Recapture interval in year	Growth rate in cm/year
7770	38.0	4.2	1.57
7751	45.7	4.2	1.76
7755	48.7	4.6	1.30
7768	50.4	4.2	1.98
3526	52.6	7.7	1.32
7759	56.5	3.5	0.83
7774	57.3	3.8	1.13
7776	57.5	4.6	1.00
3315	58.2	9.0	1.70
7778	60.6	3.2	0.87
7789	63.2	4.3	0.79
3476	64.3	7.3	1.77
3317	65.8	8.9	1.83
3499	67.4	8.0	1.20
3487	70.4	8.3	1.50
7785	51.2	4.7	1.67

$n = 16$
 $\bar{x} = 1.37$ cm/yr

22.22

As of HPA #6, these 3 not seen again

Summary of long-term recoveries of green turtles made at Kiholo Bay, Island of Hawaii.

Tag No.	Tag loss	Date recovery and length (cm)	Date/location originally tagged and length (cm)	Interval		Mean yearly growth rate	
				Months	Years	(cm)	(in.)
3313, 3314	0	8/8/84 (53.4)	3/21/80 Kiholo (42.3)	53	4.4	2.51	0.99
3496, 3497	0	8/8/84 (62.3)	10/17/80 Kiholo (52.9)	46	3.8	2.45	0.96
3478, 3479, 3480	0	8/8/84 (69.6)	10/15/80 Kiholo (58.5)	46	3.8	2.90	1.14
3487, 3488	0	8/8/84 (68.0)	10/16/80 Kiholo (57.9)	46	3.8	2.63	1.04
3317, 3318, (7782)	0	8/9/84 (63.5)	3/21/80 Kiholo (49.4)	53	4.4	3.19	1.26
3499, 3500, 3501	0	8/30/84 (66.3)	10/18/80 Kiholo (57.8)	46	3.8	2.21	0.87

NOTE: Rates compared to 1984 post-1984 growth rates

#25

5/4/89

TAGS-recovery R: Y-2* L: Y-3

Curve - 54 x 48.5

Straight - 51.7 x 42.9 notch 51.0

Plastron - 40.7

Head - 8.7

RFF - 9.7

Weight - 47.5

tail - 11.4

vent - 8.4

HF - tattered

NOTES:

NP

#26

Farris
Bogue

TAGS-recapture L: Y-123 R: Y-122 *

Curve 55 x 48

Straight 51.7 x 39.9 notch - 50.9 (Broken)

Plastron - 42.4

Head 8.6

RFF 9.2

Weight - 42.5

Tail - 9.8

vent 7.5

HF 20.2 x 11.9

NOTES: - Barnacles - medium

NP

hind flipper 20.2 / 11.9

HPA
7

5/4/89

FIRST TIME RECOVERED DURING HPA PROJECTS #27

Eva Anderson HPA 7

New tag put on RHF - Y-303

5/4/89

TAGS - recovery R: 7786 L: 7785*

Curve - 62.5 x 56

Straight - 59.0 x 45.2

notch - 58.3 (squashed bent back to normal with pliers)

Plastron - 48.0

Head - 9.2

7.8cm increase 4 yrs 8mo.

RFF - 9.9

Weight - 66

Tail - 13.4

To vent - 9.5 4.67 yrs

HF - 24.5 x 13.2 (Hind flipper)

∴ 1.67 yrs

NOTES: Green algae + scum on belly (ventral)

"P" Heavy red algae - both tags

mussels growing in tags + black encrustations

Barnacles - light 2 puncture holes - 1cm deep 4th lateral left + scute

0/30/84 K. Hobbs
0/5/88
0/5/88
0/5/88
0/5/88

#28

5/4/89

TAGS - recapture L: 7756

R: 7755 lower R Y 126

Curve - 52 x 46.0

Straight - 49.2 x 40.1 notch 49.0

Plastron - 40.2

Head - 8.3

RFF - 8.8

Weight - 40.5

Tail 10.8

vent 7.6

HF - tattered, David says a puffer bite

NOTES: barnacles - heavy
P

5/5/89
End of Friday morning taggings

HPA #7

H P A / N M F S S E A T U R T L E R E S E A R C H P R O J E C T

PRE-TRIP QUESTIONNAIRE TO BE FILLED AND RETURNED TO MR. GULKO

NAME: DUBRAVKA NEGOVETICDATE: 2/6/89GRADUATING CLASS: 90STUDENT ID # ~~11111111~~BOARDER (Please list which dorm Away's)
OR

DAY STUDENT _____ (Please list your home phone # _____)

SPRING SPORT: TRACKARE YOU IN PRINCETON REVIEW: NOHAVE YOU GONE ON A PREVIOUS TAGGING EXPEDITION? NO WHICH ONE? _____

ARE YOU CERTIFIED IN:

LIFESAVING _____ (Date: _____)	WHICH OF THE FOLLOWING EQUIPMENT DO YOU HAVE:
CPR _____ (Date: _____)	WETSUIT _____
FIRST AID <input checked="" type="checkbox"/> (Date: <u>187</u>)	UNDERWATER FLASHLIGHT _____
SCUBA _____ (Date: _____)	REGULAR FLASHLIGHT _____
	MASK, FINS & SNORKEL _____
	BOOTIES, TABIS OR OLD SNEAKERS <input checked="" type="checkbox"/>

LIST YOUR MOST RECENT "IN-WATER" OCEAN EXPERIENCES:

Last summer I went diving with professional scuba divers looking for broken ships.

LIST YOUR MOST RECENT SCIENCE-RELATED EXPERIENCES (OUTSIDE OF A CLASSROOM):

Atlantic's submarine watching alligators in Florida national park on Sanibel Island.

LIST ANY OTHER EXPERIENCES THAT MIGHT SERVE TO SHOW YOUR ABILITY TO CONTRIBUTE POSITIVELY TO THIS PROJECT:

I'm taking AP Biology.

Rest USING THE ~~TEXT~~ OF THE PAGE, EXPLAIN WHY YOU WANT TO PARTICIPATE ON THIS PROJECT (Be honest and expressive - this is important towards determining eligibility):

I would really like to go on this project because

I've never seen Hawaiian sea turtle, I also like science and that's the field I would like to work in in future. I'm excited about this project which is so unique in the world ^{and} that's why I would like to participate.

October 6, 1988

TO: BEK MORTEMORE
FROM: DAVE GULKO
SUBJECT: Sea Turtle Research Project - Pre-trip Organization Teams

Pre-trip Organization Teams

The following is a list of members of your team, who you need to assign duties to. Your team will be primarily concerned with FOOD ORGANIZATION. Some of the duties that need to be completed by THURSDAY February 23rd or Sunday, February 26th are

1. Create and have approved a menu for the following meals: Wed. dinner; Thur. breakfast, lunch and dinner; Friday breakfast.

Suggestions:

- Beef and Chicken Fajitas (need container of salad dressing and pita bread)
- Kalbi shortribs
- Croissants and ham, eggs and cheese

You did a fantastic job last time but I think that we did bring too many "extras"...

2. Submit menu to SAGA by Thursday, February 23rd.
3. Arrange to purchase soda and snacks; collect money from students to cover this expense.
4. Arrange for proper cooking gear: coolers, etc. to be acquired from SAGA.
5. Create charge slips for soda and day student meals, these are to be signed and turned in before we leave on Wednesday.
6. Wednesday, March 1st, load food into trailer.

REMEMBER: You are to assign these duties evenly to the members of your team and KEEP TRACK of their progress. Plan on giving me a written evaluation by this Sunday, February 26th.

Also make sure that all of your team members realize that there will be a MANDATORY MEETING this Wednesday, February 22nd, during break in Rm 32 to take an exam on turtle natural history.

TEAM MEMBERS:

1. DARREN REDEFORD (SECONDARY)
2. KEVIN KRAMEK (SECONDARY)
3. LISA BERTHOUD
4. MATT DIFEELEY
5. KRISTEN GLASPEY
6. SAGE NOTTAGE
7. JEFF RICHARDSON
8. SILICIA SLADE
9. TEVA VICTOR
- 10.

SEA TURTLE PROJECT QUIZ

NAME:

TEAM LEADER:

1. Name two of the three agencies responsible for sea turtles in Hawaii:
2. Which of the following turtles nest in Hawaii:
 - LOGSKINHEAD — OLIVE RIDLEY — GREEN
 - LEATHERBACK — HAWKSBILL — KEMPS RIDLEY
3. How do you differentiate between a Hawksbill and a Green Sea Tort?
4. Name two unique things about Hawaiian Green Sea Turtles

1)

2)

5. What does the Green Sea Turtle feed on in Hawaii naturally?

6. Where on this turtle would you expect to look for tags?

7. Name two natural predators on turtles:

1) _____

2) _____

Name two fatal effects man has on turtles

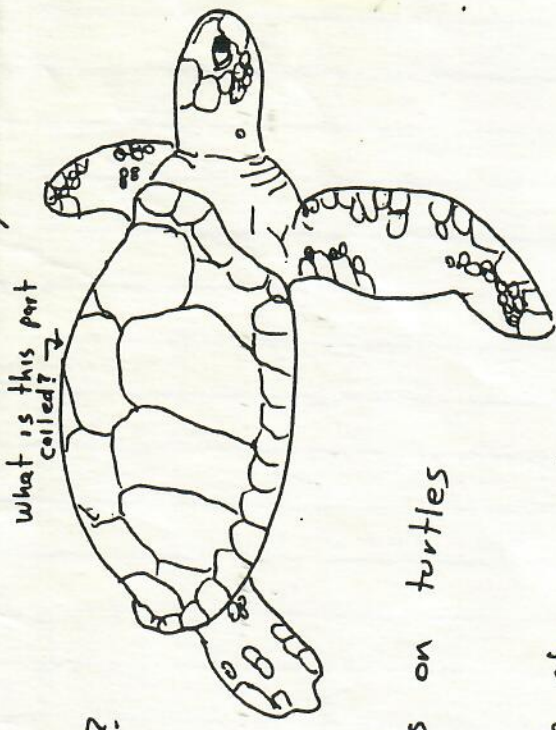
1) _____

2) _____

8. Using the diagram of the turtle, show exactly where you would look for parasitic barnacles

9. Why do you never remove your mask from your face in the water at night at Kiholo?

10. Why do turtles "cry"?



What is this part called? →

03/01/89

HPA/NMFS SEA TURTLE RESEARCH PROJECT

TEAM ASSIGNMENTS:

The following lists represents the team assignments for the fall expedition. The first name listed are designated team leaders; these are people who have been on at least one previous expedition, they are familiar with the research, schedules and difficulties that might be encountered over those three days - make use of them to answer any questions you might have. In addition, make sure that you bring this schedule with you on the trip.

TEAM 1 TEAM 2 TEAM 3
 Captain: Bek M. Shannon P. Eric B.

Bart W. Ryder T. Kristen G.
 Eva A. Kathy A. Kathy H.
 Kevin K. Lisa B. Dawn H.
 Marina N. Kim S. Jeff R.
 Ivana Z. Visnja N. Dubi N.

18 HPA
 STUDENTS
 TO TAC

CAMP SET UP:

Each team will be responsible for certain duties when we reach Kiholo; no one is to start setting up their own campsites (I will assign tents later) or claiming spots with their personal gear (Team 1 will place all personal gear on a tarp for later collection). After these duties are completed, we will get together with Dr. Balazs to discuss the project, our roles, what we will be doing and to answer any questions that might be raised. After this a group will swim out to set the net and we will start to run shifts.

HPA #9

TEAM 1: Organize wetsuits, hoods, u/w lights (load batteries and check o-rings), tools and any other school gear not going to research site into back of WEP truck closest to trail to research site. Fill lanterns, prime them and set them up for the night. Set up campfire and stack wood. Set up all three tents (not under coconut palms!) with rain flies. Set up tarp attached to WEP truck closest to trail to research site along with ground tarp underneath. Place all personal gear and snorkeling equipment on ground tarp.

Organize food into WEP truck farthest from trail to research site (all food not in coolers goes in front seat - windows up), try to organize so that team on cooking detail can find all the food items for that meal. Set up grill and stoves. Set up trash bags.

TEAM 2: Move turtle floats, measuring gear, nets, battery, turtle sign and any tagging gear to research site (BE VERY CAREFUL MOVING THIS GEAR). Unpacked boxes should be carefully stored underneath WEP truck or inside van.

TEAM 3: Set up all three Porta-Pottis (three for girls, one for guys) away from camp, place chemicals in correct place, don't forget TP and plastic bags to put TP in. Set tarps up at the research site to provide shaded working area and afterwards help move gear to research site. Help Team 1 with any unfinished work.

26-28 Oct 88

HPA #5

10/21/88

HPA/NMFS SEA TURTLE RESEARCH PROJECT

TEAM ASSIGNMENTS:

The following lists represents the team assignments for the fall expedition. The first name listed are designated team leaders; these are people who have been on at least one previous expedition, they are familiar with the research, schedules and difficulties that might be encountered over those three days - make use of them to answer any questions you might have. In addition, make sure that you bring this schedule with you on the trip.

TEAM 1	TEAM 2	TEAM 3	TEAM 4
Captain: Joe Thill Maziejewski-Simone M. Waller - Sylvan W. House - Marania H. Provalenko - Jane P.	Bek Mortenore Chris Caldwell Lance Jeffery Shannon Postka	Jason Provalenko Tracy Kopp Darren Redford Julia Bringlee	Eric Beckman Stephanie Rutgers Nataasha McDonough Kevin Kramer Sage Nottege

CAMP SET UP:

Each team will be responsible for certain duties when we reach Kiholo; no one is to start setting up their own campsites (I will assign tents later) or claiming spots with their personal gear (Team 1 will place all personal gear on a tarp for later collection). After these duties are completed, we will get together with Dr. Balazs to discuss the project, our roles, what we will be doing and to answer any questions that might be raised. After this a group will swim out to set the net and we will start to run shifts.

TEAM 1: Organize wetsuits, hoods, u/w lights (load batteries and check o-rings), tools and any other school gear not going to research site into back of WEP truck closest to trail to research site. Fill lanterns, prime them and set them up for the night. Set up camofire and stack wood. Set up all three tents (not under coconut palms!) with rain flys. Set up tarp attached to WEP truck closest to trail to research site along with ground tarp underneath. Place all personal gear and snorkeling equipment on ground tarp.

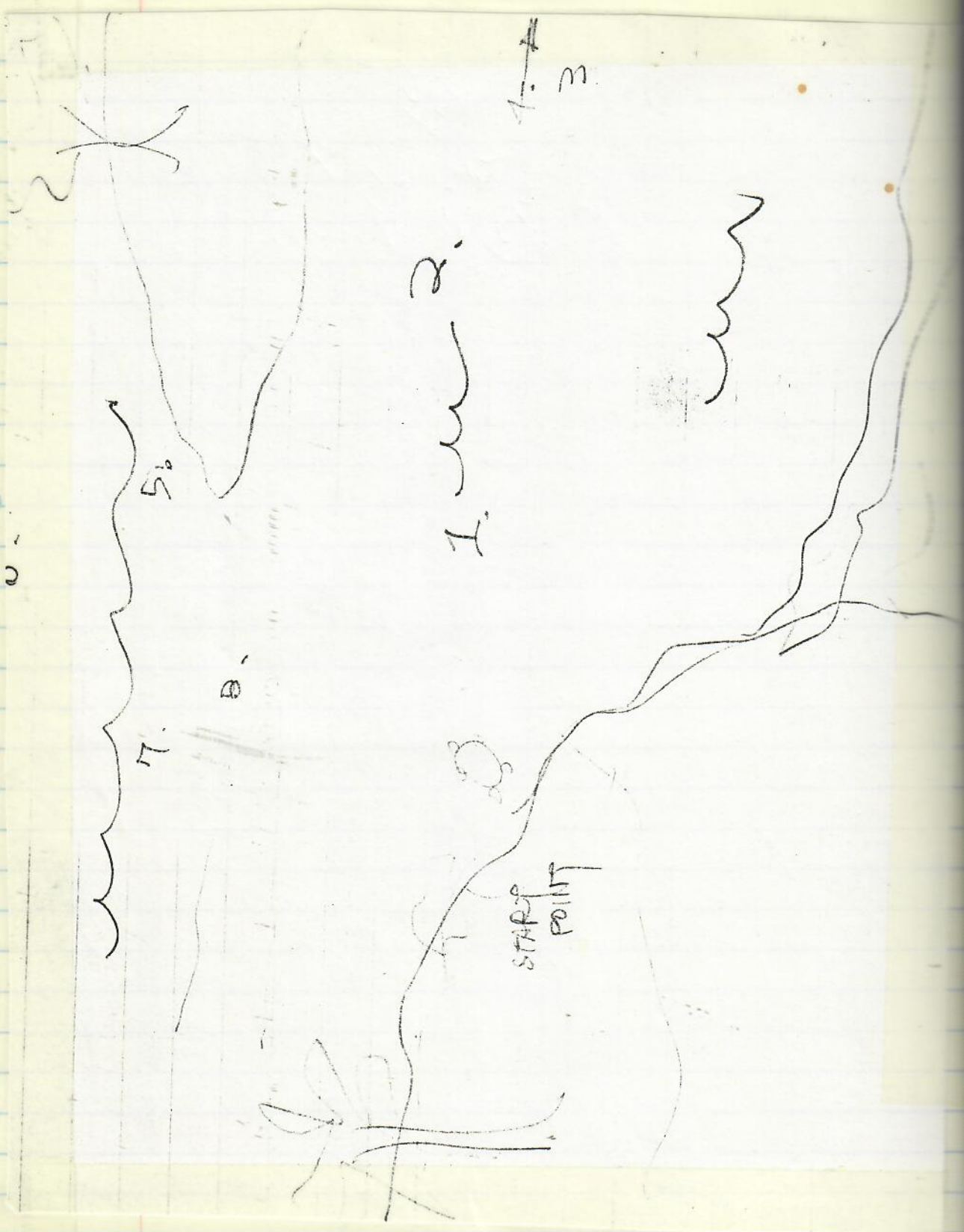
TEAM 2: Organize food into WEP truck farthest from trail to research site (all food not in coolers goes in front seat - windows up), try to organize so that team on cooking detail can find all the food items for that meal. Set up grill and stoves. Set up trash bags. Set up all three Porta-Pottis (three for girls, one for guys) away from camp, place chemicals in correct place, don't forget TP and plastic bags to put TP in. Help Team 1 with any unfinished work.

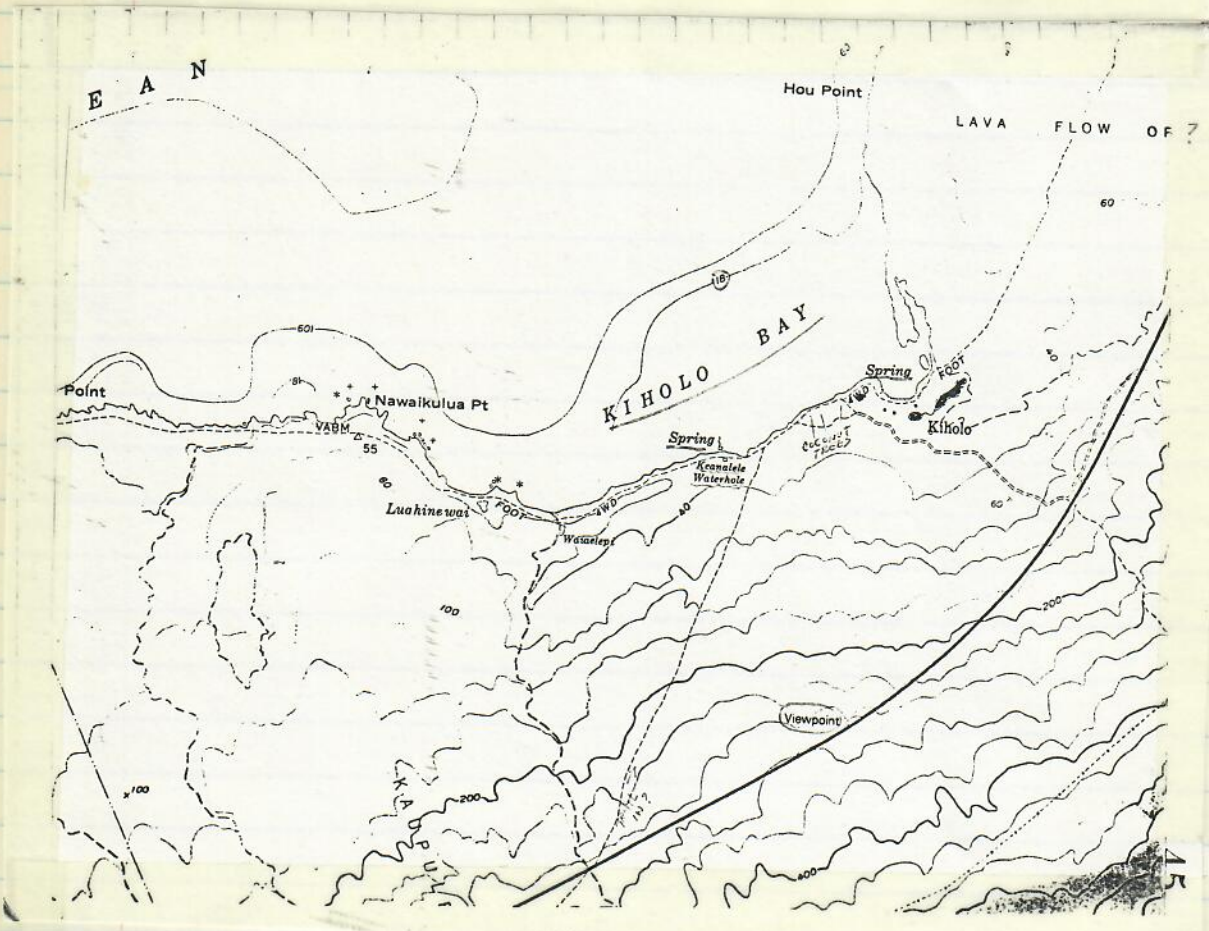
TEAM 3: Move turtle floats, measuring gear, nets, battery, turtle sign and any tagging gear to research site (BE VERY CAREFUL MOVING THIS GEAR). Unpacked boxes should be carefully stored underneath WEP truck or inside van.

TEAM 4: Set tarps up at the research site to provide shaded working area and afterwards help move gear to research site.

SCHEDULE:

	BREAKFAST =====	LUNCH =====	DINNER =====	SHIFTS =====
TEAM 1		THURS	WED	WED: 4TH THURS: 2ND, 6TH
TEAM 2	THURS FRI: CAMP CLEAN-UP			WED: 1ST, 5TH THURS: 3RD
TEAM 3			THUR	WED: 2ND, 6TH THURS: 4TH
TEAM 4	FRI FRI: CAMP CLEAN-UP			WED: 3RD THURS: 1ST, 5TH





N/17820, G/HB

Summary of 15 turtles tagged at
Kiholo Bay, Hawaii, 13-15 May 1973

SOUTHWEST FISHERIES CNTR
HONOLULU LABORATORY
2570 DOLE STREET
HONOLULU HI 96822-2396

George H. Balazs

Monel size 49 tag No.	Straight carapace length (cm)	Date, time, and remarks
602	52.4	5/13 p.m. - 5/14 a.m.
603	41.9	5/13 p.m. - 5/14 a.m.
604	45.7	5/13 p.m. - 5/14 a.m.
605	66.0	5/13 p.m. - 5/14 a.m.
607	47.6	5/14, 1400 h
608	49.7	5/14, 1400 h
609	37.3	5/14, 1900 h green alga on shell
610	42.9	5/14, 1900 h light brown shell
611	41.3	5/14, 1900 h blind on left eye
612	47.6	5/14 p.m.-5/15 a.m.
614	63.2	5/14 p.m.-5/15 a.m.
615	50.5	5/14 p.m.-5/15 a.m.
616	64.1	5/14 p.m.-5/15 a.m.
617	44.6	5/14 p.m.-5/15 a.m.
618	43.5	5/14 p.m.-5/15 a.m.

Size range - 37.3-66.0 cm

Salinity readings near net (low tide)

Surface = 7 ppt

8-ft depth = 28 ppt

L:HPAKIHO L.GHB

LIBRARY OF
GEORGE H. BALAZS

HPA #7 37 captures = 67.50%
5/3-5/4/89
#7 (25 resig) (R)
(R) = recovery

METRIC

LENGTH

millimeter
centimeter
decimeter
meter
decameter
hectometer
kilometer
myriameter

7789,90, Y-18 (R)	63.4	73.5
7774, 8935,36 (R)	57.7	56.5
Y-124,25 (R)	47.6	35
8929,30 (R)	45.3	30
Y-142,43 (R)	52.1	39.5
8716,17 (R)	47.6	37.5
Y-96,97 (R)	44.2	29
8939,40 (R)	50.3	40.5
8712,13 (R)	46.7	32
Y-2, Y-3 (R)	51.7	47.5
Y-122,23 (R)	51.7	42.5
7785,86 (Y-303) (R)	59.0	66
7755,56, Y-126) (R)	49.2	40.5

First time rec. in HPA

TRIVALENT

cubic inches
cubic feet
cubic yards
cubic yards

cubic inches
cubic inches
cubic inches
cubic feet
cubic feet

AREA

square centimeter (cm²)
square meter (m²)
are
hectare
sq. kilometer

1.196	sq. yards	hectoliter (hl)	3.53
-------	-----------	-----------------	------

WEIGHT

milligram
centigram
decigram
gram
decagram
hectogram
kilogram
quintal
metric

SCL wt(lbs)

Y-229,30	52.7	44
Y-231,32	44.6	29
Y233,34	48.4	36.5
Y235,36	38.2	18.5
Y-237,38	47.9	36.5
Y-105,06 (R)	46.6	27.5
8905, 8906 (R)	44.8	27
3315, 3316	58.0	60.5
Y-101 (R)	70.3	97
8949, 8950 (R)	56.1	56.5
Y-239,40	44.0	27
Y241,42	48.8	39
Y-243,44	51.1	42.5
Y-245,46	47.7	33.5
Y-247,48	40.8	22
Y-249,50	50.2	41.5
Y301,02	41.6	24
8903,04 (R)	47.9	33
8702,03 (R)	56.9	58.5
Y-102,03,04 (R)	47.4	36
8909, 8910 (R)	43.5	27.5
Y-21,22 (R)	42.4	23.5
Y-133,34 (R)	43.8	26
8941,42 (R)	63.4	67.5
Y-117,18,19 (R)		

5/4-5/5/89

UH Bookstore



3 300217 00004

1180219-53.75