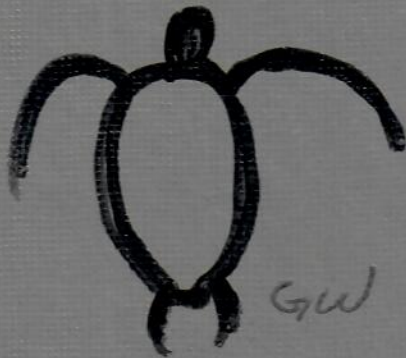


1995-1996 BALAZS
KIHOLO



2 of 2

BALAZS

KIHOLO

22, 23, 24

SEA TURTLE TAGGING FORM

TO p. 89

CAPTURE DATE, LOCATION AND METHOD:

Kicholo Net
PERSON RECORDING DATA:

2/21/96 Kicholo #23

OLD TAGS:

RFL H44
+ 2 other
tags not read

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

LWA01599

STRAIGHT CARAPACE-LENGTH:

45.4

WIDTH:

NOTCH LENGTH:

[]

DB:

L.O.

VB:

L.L.

CURVED CARAPACE LENGTH:

48.0

WIDTH:

HEAD WIDTH:

[]

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

[]

TAIL LENGTH:

T

[]

C

[]

RIGHT FRONT FLIPPER WIDTH:

OUT

SAMPLES COLLECTED:

PLASTRON LENGTH:

[]

WEIGHT:

[]

DESCRIPTIVE REMARKS:

previously caught on Day 1
2/21/96

~~KITHOLO #24~~

SEA TURTLE TAGGING FORM

221A6B445A



CAPTURE DATE, LOCATION AND METHOD:

7/2/96 KITHOLO HAND SNORKEL

PERSON RECORDING DATA: Marc Ricci/Katirok

OLD TAGS:

LFL Y125

NEW TAGS: RFL

[]

TUMOR SCORE

RFL Y124

LFL

[]

0

* RH - healed notch

OTHER NEW TAGS:

LH-Q599

STRAIGHT CARAPACE-LENGTH:

58.5

WIDTH:

46.1

NOTCH LENGTH:

58.0

DB:

[] L.O.

VB:

[] L.O.

CURVED CARAPACE LENGTH:

63.0

WIDTH:

56

HEAD WIDTH:

9.4

SEX:

MALE, FEMALE OR UNDETERMINED

[]

PPS: YES OR NO OR NE

Yes

TAIL LENGTH:

T

13.5

C

9.5 -

RIGHT FRONT FLIPPER WIDTH:

9.7

SAMPLES COLLECTED:

PLASTRON LENGTH:

46.6

WEIGHT:

61

DESCRIPTIVE REMARKS:

RH flipper - no tag - healed notch

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

7/2/96 Kiholo Hand capture

PERSON RECORDING DATA: Kohro K.

OLD TAGS:

LFL-8702

NEW TAGS: RFL

RIS
TUMOR
SCORE~~8702~~-8703

close to edge

LFL

0

LH-Y251

OTHER

NEW

TAGS:

RH-K463

Pit-1F70555646

STRAIGHT CARAPACE-LENGTH:

58.3

WIDTH:

44.9

NOTCH LENGTH:

58.1

DB:

L.O.

VB:

CURVED CARAPACE LENGTH:

62.5

WIDTH:

55.5

HEAD WIDTH:

8.9

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

Yes

TAIL LENGTH:

T

12.9

C

8

RIGHT FRONT FLIPPER WIDTH:

10.9

SAMPLES COLLECTED

PLASTRON LENGTH:

46.9

WEIGHT:

59

DESCRIPTIVE REMARKS:

9th & 10th mang. R
Drill Holes from old SONIC

3

SEA TURTLE TAGGING FORM

220E255403



CAPTURE DATE, LOCATION AND METHOD:

7/2/96 Kihdo Hand capture

PERSON RECORDING DATA: Kotaro I.

OLD TAGS:

LFL-1232

RFL-1231

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

LH-Q600

RH-Q601

STRAIGHT CARAPACE-LENGTH:

59.8

WIDTH:

47

NOTCH LENGTH:

59.7

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

65

WIDTH:

58

HEAD WIDTH:

9.2

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Yes

TAIL LENGTH:

T 11

C

7

RIGHT FRONT FLIPPER WIDTH:

10.8

SAMPLES COLLECTED:

PLASTRON LENGTH:

49.7

WEIGHT:

67

DESCRIPTIVE REMARKS:

Photograph of ventral post centrals showing possible "growth layers"

RIGHT EYE scab & bump posterior

SEA TURTLE TAGGING FORM

7

CAPTURE DATE, LOCATION AND METHOD:

7/2/96 Kiholo Hand Capture

PERSON RECORDING DATA: Audrey Egusa

OLD TAGS:

LFL Y-105

NEW TAGS: RFL

TUMOR
SCORE

RFL Y-106

LFL

0

LH J-628

OTHER
NEW
TAGS:

RH R-786

PIT 7F7F49IC28

STRAIGHT CARAPACE-LENGTH:

60.9

WIDTH:

47.6

NOTCH LENGTH:

60.7

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

66

WIDTH:

58.5

HEAD WIDTH:

9.2

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

Y

TAIL LENGTH:

T

13

C

9

RIGHT FRONT FLIPPER WIDTH:

10.7

SAMPLES COLLECTED

PLASTRON LENGTH:

48.4

WEIGHT:

71

DESCRIPTIVE REMARKS:

Drill holes 9th & 10th
margin left. hand Sonic

5

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

7/2/96 Kiholo, HAND CAPTURE



1F8D506341

new

PERSON RECORDING DATA: Jennifer Turner

OLD TAGS:

CFL-12-1-3

NEW TAGS: RFL

[Empty box]

TUMOR SCORE

RFL-4-6-6-4

LFL

[Empty box]

0

LH-K-6-9-1

OTHER NEW TAGS:

[Empty boxes]

RH-4-6-6-5

SON 465
TDR 124

STRAIGHT CARAPACE-LENGTH:

68.5

WIDTH:

54.4

NOTCH LENGTH:

68.4

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

74.0

WIDTH:

69.5

HEAD WIDTH:

10.2

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Y

TAIL LENGTH: T

15

C

9.5

RIGHT FRONT FLIPPER WIDTH:

12.4

SAMPLES COLLECTED:

PLASTRON LENGTH:

56.2

Two laminating layers + one sanding green layer with pigment.

WEIGHT:

95 lbs

3rd lat. left.
Same protocol to TDR

DESCRIPTIVE REMARKS:

photos SON 465
against blue tarp

MK5 124
TDR 124

Remarks: smooth worn patches of scutes... had been positioned 2nd CAT left faint patch of Fibers... photos

~~70~~ Kiholo #24



SEA TURTLE TAGGING FORM

New 6

CAPTURE DATE, LOCATION AND METHOD:

7/2/96 Kiholo Bay, HAND CAPTURE

PERSON RECORDING DATA: Jennifer Turner

OLD TAGS:

LFL-4-1-0-8
RFL-4-1-0-7
RH-N-7-3-1

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

LH-Q-6-0-2

~~TR 417~~
SON 48

STRAIGHT CARAPACE-LENGTH:

61.9

WIDTH:

47.4

NOTCH LENGTH:

61.7

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

67.0

WIDTH:

59

HEAD WIDTH:

9.1

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

Y

TAIL LENGTH:

T 13

C

8.5

RIGHT FRONT FLIPPER WIDTH:

10.5

SAMPLES COLLECTED

PLASTRON LENGTH:

49.2

+ ONE Scurvy

WEIGHT:

108

MK3417 w/gia

SON 48

DESCRIPTIVE REMARKS:

prob normal to T&R

~~3-4 in CAT Right~~
3-4 in CAT Right - Fibrous not Bridging Seams.
Released 7/3/96 11:50 AM photo

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

PERSON RECORDING DATA:	

OLD TAGS:

NEW TAGS: RFL

LFL

TUMOR
SCOREOTHER
NEW
TAGS:

--

STRAIGHT CARAPACE-LENGTH:

--

WIDTH:

--

NOTCH LENGTH:

--

DB:

--

L.O.

VB:

--

L.O.

CURVED CARAPACE LENGTH:

--

WIDTH:

--

HEAD WIDTH:

--

SEX: MALE, FEMALE OR
UNDETERMINED

--

PPS: YES OR NO OR NE

--

TAIL LENGTH:

T

--

C

--

RIGHT FRONT FLIPPER WIDTH:

--

SAMPLES COLLECTED:

PLASTRON LENGTH:

--

--

WEIGHT:

--

--

--

DESCRIPTIVE REMARKS:

--

Continued from p. 64

Kiholo #23

SEA TURTLE TAGGING FORM

13

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo net
PERSON RECORDING DATA: Rice

OLD TAGS:
TUMOR SCORE
0

NEW TAGS: RFL Q281
LFL Q282
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 47.0 WIDTH:

NOTCH LENGTH: DB: L.O. VB: L.O.

CURVED CARAPACE LENGTH: 50.0 WIDTH:

HEAD WIDTH: SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Net

PERSON RECORDING DATA: Rice

OLD TAGS:

RFL 1677

NEW TAGS: RFL

LFL

TUMOR
SCORE+ 2 other
tags presentOTHER
NEW
TAGS:

0

STRAIGHT CARAPACE-LENGTH:

43.9

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

46.0

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

15

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Wet

PERSON RECORDING DATA: Rice

OLD TAGS:

RFL H283

NEW TAGS: RFL

TUMOR
SCORE

+2 other

LFL

0

tags present

OTHER
NEW
TAGS:

STRAIGHT CARAPACE-LENGTH:

49.9

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

53.0

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

both
 2 marginal skull holes, left & right.
 Holes are larger than when made for sonics.

16

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Net

PERSON RECORDING DATA: Rice

OLD TAGS:

RFL B945

NEW TAGS: RFL

TUMOR
SCORE

+3 other

LFL

tags present

OTHER
NEW
TAGS:

0

STRAIGHT CARAPACE-LENGTH:

46.3

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

49.0

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM



CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Wet

PERSON RECORDING DATA: Rici

OLD TAGS:

LFL B175
RFL B176
+ 2 other
tags present

NEW TAGS: RFL

[Empty box]
[Empty box]

LFL

TUMOR SCORE

OTHER NEW TAGS:

[Empty box]
[Empty box]

0

STRAIGHT CARAPACE-LENGTH:

66.8

WIDTH:

57.7

NOTCH LENGTH:

66.6

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

70.5

WIDTH:

61.0

HEAD WIDTH:

[Empty box]

SEX: MALE, FEMALE OR UNDETERMINED

[Empty box]

PPS: YES OR NO OR NE

[Empty box]

TAIL LENGTH:

T [Empty box]

C

[Empty box]

RIGHT FRONT FLIPPER WIDTH:

[Empty box]

SAMPLES COLLECTED:

PLASTRON LENGTH:

[Empty box]

[Empty box]

WEIGHT:

[Empty box]

[Empty box]

[Empty box]

DESCRIPTIVE REMARKS:

[Empty box]

SEA TURTLE TAGGING FORM

18

plastic Z
mefin. Top portion
of tag is half
missing.

CAPTURE DATE, LOCATION AND METHOD:

Kiholo net

PERSON RECORDING DATA:

Rice

2/21/96

OLD TAGS:

RFL 3494

NEW TAGS: RFL

TUMOR SCORE

R2S - broken blue

LFL

Q 300

0

LH N 706

OTHER NEW TAGS:

Shawn-check

N? yes

STRAIGHT CARAPACE LENGTH:

68.1

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

72

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

KITHOLO 2/21/96 net

(19)

PERSON RECORDING DATA:

Rice

OLD TAGS:

RFL 4741

NEW TAGS: RFL

TUMOR
SCORE

+2 other

LFL

0

tags

OTHER
NEW
TAGS:

STRAIGHT CARAPACE-LENGTH:

47.4

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

49.0

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

20

SEA TURTLE TAGGING FORM

likely mistake

CAPTURE DATE, LOCATION AND METHOD:

Kiholo net 2/21/96

PERSON RECORDING DATA:

Rye

Shawn
Historical
in TDPS
? doesn't show
such a tag
present.

OLD TAGS:

RFL 8927

NEW TAGS: RFL

TUMOR SCORE

0

LFL 8928

OTHER NEW TAGS:

RH ♀ 283

No LH #2000
Please double check any hard copy you may have

STRAIGHT CARAPACE-LENGTH:

57.0

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

60.5

WIDTH:

HEAD WIDTH:

PPS: YES OR NO

straight not taken 4/27/88

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
8927	04/27/88	1681	RFL
8928	04/27/88	1681	LFL

Historical information--

Date	Type of Encounter	Location
04/27/88	Near Shore	Hawaii, Kiholo

Tumor Score

Nesting Activity

Curved Length

46.0

60.5

Since Last Encounter		Growth-rates		Interval		Overall
Month	Year	cm/month	cm/yr	Month	Year	Growth-rate cm/month
...

SAMPLES COLLECTED

DESCRIPTIVE REMARKS:

Shawn - It would appear that this turtle has been since 6/27/88 and that a hind leg tag was...

SEA TURTLE TAGGING FORM

21

CAPTURE DATE, LOCATION AND METHOD:

KITHOLO net 2/21/96

PERSON RECORDING DATA: RICE

OLD TAGS:

NEW TAGS: RFL

LFL

TUMOR
SCORE

0

OTHER
NEW
TAGS:

Q 284

Q 285

STRAIGHT CARAPACE-LENGTH:

41.0

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

43.0

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Net

PERSON RECORDING DATA:

OLD TAGS:

RFL B966

NEW TAGS: RFL

TUMOR
SCORE

+2 other

LFL

0

tags present

OTHER
NEW
TAGS:

STRAIGHT CARAPACE-LENGTH:

45.1

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

47.5

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

99

23

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Wet

PERSON RECORDING DATA: Rice

OLD TAGS:

Four empty rectangular boxes for recording old tag information.

NEW TAGS: RFL

Q 286

LFL

Q 287

TUMOR SCORE

0

OTHER NEW TAGS:

Two empty rectangular boxes for recording other new tag information.

STRAIGHT CARAPACE-LENGTH:

42.8

WIDTH:

Empty rectangular box for width measurement.

NOTCH LENGTH:

Empty rectangular box for notch length measurement.

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

45.0

WIDTH:

Empty rectangular box for width measurement.

HEAD WIDTH:

Empty rectangular box for head width measurement.

SEX: MALE, FEMALE OR UNDETERMINED

Empty rectangular box for sex determination.

PPS: YES OR NO OR NE

Empty rectangular box for PPS status.

TAIL LENGTH:

T [Empty rectangular box]

C

[Empty rectangular box]

RIGHT FRONT FLIPPER WIDTH:

Empty rectangular box for flipper width measurement.

SAMPLES COLLECTED:

PLASTRON LENGTH:

Empty rectangular box for plastron length measurement.

WEIGHT:

Empty rectangular box for weight measurement.

DESCRIPTIVE REMARKS:

Two empty rectangular boxes for descriptive remarks.

SEA TURTLE TAGGING FORM

24

2/21/96

CAPTURE DATE, LOCATION AND METHOD:

Kiholo Net

PERSON RECORDING DATA:

Rici

OLD TAGS:

RFL 8937

NEW TAGS: RFL

+3 other

LFL

TUMOR SCORE

tags present

OTHER NEW TAGS:

0

STRAIGHT CARAPACE-LENGTH:

52.5

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

55

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

25

CAPTURE DATE, LOCATION AND METHOD:

KIHolo	net	2/21/96
PERSON RECORDING DATA: Rice		

OLD TAGS:

LFL 7787

NEW TAGS: RFL

TUMOR
SCORE
~~++ LH~~

mistake

LFL

+ 1 blue L3S

OTHER
NEW
TAGS:

RH Q288

plastic

"2" mesh

STRAIGHT CARAPACE-LENGTH:

WIDTH:

NOTCH LENGTH:

DB:

VB:

CURVED CARAPACE LENGTH:

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

26

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kicholo Net NET
PERSON RECORDING DATA: Rivi

OLD TAGS: RFL N719
+ 2 other tags present
TUMOR SCORE: 0
NEW TAGS: RFL
LFL
OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH: 47.2 WIDTH:

NOTCH LENGTH: DB: L.O. VB: L.O.

CURVED CARAPACE LENGTH: 50.5 WIDTH:

HEAD WIDTH: SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

SEA TURTLE TAGGING FORM

27

CAPTURE DATE, LOCATION AND METHOD: 2/21/96

Kiholo Net Net

PERSON RECORDING DATA: Rice

OLD TAGS:

RFL R499

NEW TAGS: RFL

LFL

TUMOR
SCORE

0

OTHER
NEW
TAGS:

RH Q289

other tag
may have present
R499

STRAIGHT CARAPACE-LENGTH:

44.2

WIDTH:

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

46.5

WIDTH:

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

28

DAY 1
END
2/21/96 PM

Total Day 1 =

27 greens
+ 1 hawksbill (leaves)
4 new, 23

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

#23 KIN... 27

PERSON RECORDING DATA:

OLD TAGS:

RFL Y 672

NEW TAGS: RFL

[]

TUMOR SCORE

LFL Blue plastic 2" profit

LFL

[]

0

+ 2 other

OTHER NEW TAGS:

[]

tags present.

[]

STRAIGHT CARAPACE-LENGTH:

70.4

WIDTH:

[]

NOTCH LENGTH:

[]

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

75.5

WIDTH:

[]

HEAD WIDTH:

[]

SEX: MALE, FEMALE OR UNDETERMINED

[]

PPS: YES OR NO OR NE

[]

TAIL LENGTH:

T []

C

[]

RIGHT FRONT FLIPPER WIDTH:

[]

SAMPLES COLLECTED:

PLASTRON LENGTH:

[]

WEIGHT:

[]

[]

[]

DESCRIPTIVE REMARKS:

[]

GPS
22 Feb 96
MR

Lat 19° 51.607'
Long 155° 55.396'

Kiholo #23
Day 2
Continued
from page 53

③

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

2/22/96 / Kiholo / ~~net~~-hand capture

Day 2

PERSON RECORDING DATA: Iwalani Wall

OLD TAGS:

RFL-Y663

NEW TAGS: RFL

[]

TUMOR SCORE

LFL-K459

LFL

[]

0

RH-N712

OTHER NEW TAGS:

LH-Q291

STRAIGHT CARAPACE-LENGTH:

61.9

WIDTH:

50.6

NOTCH LENGTH:

[]

DB:

[] L.O.

VB:

[] L.O.

CURVED CARAPACE LENGTH:

66

WIDTH:

60

HEAD WIDTH:

[]

SEX:

MALE, FEMALE OR UNDETERMINED

[]

PPS: YES OR NO OR NE

[]

TAIL LENGTH:

T

[]

C

[]

RIGHT FRONT FLIPPER WIDTH:

[]

SAMPLES COLLECTED:

PLASTRON LENGTH:

[]

WEIGHT:

[]

DESCRIPTIVE REMARKS:

for plasma banking and DNA;
blood sample taken # Y663
Captured along side net.

④ DAY 2

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

2/22/96 / Kiholo / ~~net~~ hand capture

PERSON RECORDING DATA:

Iwa

OLD TAGS:

LFL- 7777

NEW TAGS: RFL

~~RH~~ - Y1116

LFL

TUMOR SCORE

RFL 7776

OTHER NEW TAGS:

0

LH 0292

STRAIGHT CARAPACE-LENGTH:

64.2

WIDTH:

51.5

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

69.5

WIDTH:

64.5

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

Hand captured trying to enter BRACKISH PONDS VIA SLICE CHANNEL (channel 3M wide by 80M long)
Hand blood sample taken # 7777
for plasma banking and DNA

⑤ DAY 2

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

2-22-96 / Kiholo / ~~net~~ hand capture

PERSON RECORDING DATA: Ina

OLD TAGS:

RFL-K335

NEW TAGS: RFL

LFL-K334

LFL

TUMOR
SCORE

LH-K337

OTHER
NEW
TAGS:

0

RH-B246

STRAIGHT CARAPACE-LENGTH:

45.6

WIDTH:

37.9

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

48

WIDTH:

43.5

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

for plasma banking and DNA.
 Blood sample taken # K335
 captured along side net.

10
442

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

2/22/96 / Kiholo / net-hand capture

PERSON RECORDING DATA: Iwalani Wall

OLD TAGS:

RFL- B266
~~RH~~ ~~K462~~
L1-2 3484 (close to edge)
LH Y703

NEW TAGS: RFL

LFL

TUMOR SCORE

0

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH:

63.9

WIDTH:

50.9

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

69

WIDTH:

63.5

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

for plasma banking and DNA
Blood sample taken # B266
Captured along side net.

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

2/22/96 / Kinoho / ~~net~~ - hand capture

PERSON RECORDING DATA: F. Bell

OLD TAGS:

NEW TAGS: RFL

Q 293

LFL

Q 294

TUMOR
SCOREOTHER
NEW
TAGS:

LH Q295

RH Q296

0

STRAIGHT CARAPACE-LENGTH:

48.6

WIDTH:

37.7

NOTCH LENGTH:

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

52.

WIDTH:

44.5

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

PPS: YES OR NO OR NE

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

for plasma banking and DNA

blood sample taken # Q293

CAPTURED ALONG SIDE NET.

110



Hawksbill turtle

SEA TURTLE TAGGING FORM

NOT FOR TDPS

Day 2 = 7 greens
 Hawkbill same
 Day 2 #23
 Kinolo #23
 END

CAPTURE DATE, LOCATION AND METHOD:

2/22/96 / Kinolo / net ~~hand~~ capture

PERSON RECORDING DATA: Invalani Wall

OLD TAGS:

RFL- H255

NEW TAGS: RFL

TUMOR SCORE

0

L2-3 KB49

LFL

LH-B259

OTHER NEW TAGS:

RH-Q297

STRAIGHT CARAPACE-LENGTH:

53.6

WIDTH:

40.6

NOTCH LENGTH:

50.8

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

57.5

WIDTH:

48-

HEAD WIDTH:

[Empty box]

SEX: MALE, FEMALE OR UNDETERMINED

[Empty box]

PPS: YES OR NO OR NE

[Empty box]

TAIL LENGTH:

T

[Empty box]

C

[Empty box]

RIGHT FRONT FLIPPER WIDTH:

[Empty box]

SAMPLES COLLECTED:

PLASTRON LENGTH:

[Empty box]

WEIGHT:

[Empty box]

Previous caught
 on Day page 59

DESCRIPTIVE REMARKS:

bleed for plasma BANKING AND DNA Size tag NOT present.
 #14255 no size #1 present.
 CAUGHT IN NET WHICH TRYING TO EXIT lagoon at ~ 730 am

Sonic Tag 88
OBSERVATION DATA FOR 9/15, 10/11 AND 10/12/94

TAG NUMBER	DATE	TIME	LOCATION
88	9/30/95	1445	Section C3
88	9/30/95	1455	Section B3
88	9/30/95	1503	Section B3
88	9/30/95	1546	Section A2
88	9/30/95	1850	Section A2
88	9/30/95	2015	Section A2
88	9/30/95	0400	Section A2
88	10/1/95	0657	Section A2
88	10/1/95	0707	Section A2
88	10/1/95	0810	Section A2
88	10/1/95	1730	Section A2
88	11/6/95	1740	Section A2
88	11/6/95	1832	Section A3
88	11/6/95	2022	Section A2
88	11/7/95	0215	Section A2
88	11/7/95	0640	Inlet
88	11/7/95	0650	Bay 5
88	11/7/95	0730	Bay 5
88	11/7/95	0848	Bay 5
88	11/7/95	0935	Bay 5
88	11/7/95	1020	Bay 5
88	11/7/95	1125	Bay 5
88	11/7/95	1152	Bay 5
88	11/7/95	1216	Bay 5
88	11/7/95	1340	Bay 5
88	11/7/95	1406	Bay 5
88	11/7/95	1518	Bay 5
88	11/7/95	1630	Bay 5
88	11/7/95	1703	BAY 5
88	11/7/95	1730	BAY 5
88	11/7/95	1822	Section A2
88	11/7/95	2029	Section A2
88	11/8/95	0245	Section C3
88	11/8/95	0612	Section C4
88	11/8/95	0658	Bay 11
88	11/8/95	0718	Section C4
88	11/8/95	0840	Bay 5
88	11/8/95	0934	Bay 5
88	11/8/95	1021	Bay 5
88	11/8/95	1100	BAY 5
88	11/8/95	1125	Bay 5
88	11/8/95	1230	Bay 5
88	11/8/95	1348	Bay 5
88	11/8/95	1444	Bay 5
88	11/8/95	1545	Bay 5
88	11/8/95	1642	Bay 5

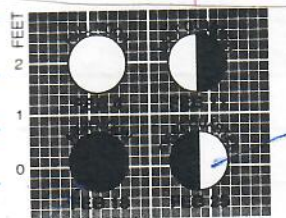
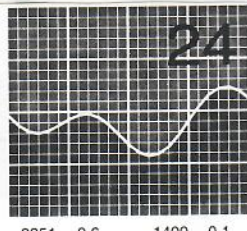
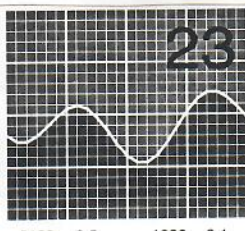
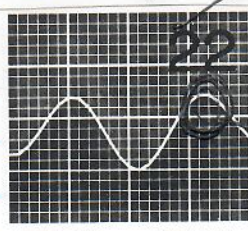
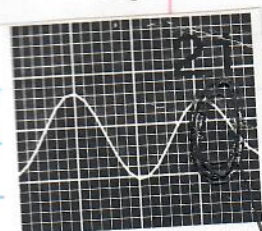
Sonic Tag # 339
OBSERVATION DATA FOR 9/15, 10/11 AND 10/12/94

TAG NUMBER	DATE	TIME	LOCATION
339	9/30/95	1306	Section B3
339	9/30/95	1320	Section A3
339	9/30/95	1326	Section A2
339	9/30/95	1336	Section B1
339	9/30/95	1346	Section A2
339	9/30/95	1501	Section A2
339	9/30/95	1556	Section A2
339	9/30/95	1850	Section B3
339	9/30/95	2015	Section B3
339	10/1/95	0400	Section C1
339	10/1/95	0557	Section A3
339	10/1/95	0703	Section A2
339	10/1/95	0810	unknown
339	11/6/95	1733	Bay 4
339	11/6/95	1817	Inlet to lagoon- C4
339	11/6/95	1827	Section C3
339	11/6/95	2022	Section B1
339	11/7/95	0215	Section B3
339	11/7/95	0654	Bay 10
339	11/7/95	0730	Bay 10
339	11/7/95	0840	Bay 21
339	11/7/95	0928	Bay 21
339	11/7/95	1045	Bay 21
339	11/7/95	1140	? — nothing in Lagoon - must be in Bay!
339	11/7/95	1210	Bay 40
339	11/7/95	1334	Bay 40
339	11/7/95	1422	Bay 40
339	11/7/95	1513	Bay 39
339	11/7/95	1627	Bay 34
339	11/7/95	1700	Bay 28
339	11/7/95	1807	Bay 5
339	11/7/95	1830	Section C4
339	11/7/95	2029	Section B1
339	11/8/95	0256	Section C4
339	11/8/95	0609	Bay 34
339	11/8/95	0645	Bay 15
339	11/8/95	0707	Bay 34
339	11/8/95	0707	Bay 34
339	11/8/95	0830	Bay 34
339	11/8/95	0930	Bay 34
339	11/8/95	1016	Bay 34
339	11/8/95	1055	Bay 34
339	11/8/95	1114	Bay 34
339	11/8/95	1220	Bay 40
339	11/8/95	1344	Bay 34
339	11/8/95	1440	Bay 34
339	11/8/95	1541	Bay 34
339	11/8/95	1647	Bay 39

114 Wed

FEB 96 Thurs

FEB 96



28+ hours
2/25

more little
soys / little
also caught
and release of
while watching
for some TDRs

2/18

KITULO #23

Depart Honolulu Aloha FL95 115 PM -
Weather Craven (HPA ~1990) on
same plane.

- ① OBJECTIVE: Retrieve data in
two TDRs deployed on
turtles nearly 5 months ago 9/95
- ② PLASMA FOR BANKING.

No sign/sound of TDRs. No sign of butchered
turtles. Marc checked in front of Bakhens.
Visitor commented about seeing turtle go in ~~the~~ cave
(5 years ago). Snake at ~9 AM in lagoon.
A few seen, but none sleeping or caught.
Earlier little hand caught along net.
2/22/96 Return 2 PM Aloha 285

Talked to at Taco Bell, kona 2/21/96. Had been to
 Sea turtle stuff + 3 kids
 PUNAWU TO see turtles,
 Wanted to see them but didn't.

Susan Giampaoli
 120 Santa Barbara
 San Anselmo CA 94960

sent
 for
 Frank Bell
 send me
 TO MARE
 for Frank

Cats of light and road-sound,
 pollution noted.

on 2/22/96 Mays netted more and read
 tags on turtles. See p. 116

Date: Mon, 26 Feb 1996 13:08:36 -1000
 From: Marc Rice <mrice@hpa.edu>
 To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re: Forwarded mail....

George,

Thanks for the call. Happy Birthday!!! After we hung up I checked my mailbox and found that I hadn't sent the message about the tags (I did write it but must have failed to send it). Anyhow, we finished the trip without a signal from the sonic animals. They were not in the ponds either. Damn!!!!

During the Thursday night netting, we caught 9 small animals while the net was in the water (from 1730 hours to 2000 hrs). All of the animals were caught after sunset. I recorded the RFL tag number if the animal was tagged and they are listed below. I thought that you could at least note that they were recaptured on this date.

RFL tag number
 Thursday, 2/22/96 (1730 hrs to 2000 hrs net capture)

1. H269
2. H273
3. R467
4. K456
5. R478
6. H79
7. NO TAG
8. K440
9. H247

*Resighting
 via net
 capture. all entered
 as such in
 TDPS.*

I hope you have a great symposium! I'll look forward to your call on Thursday- or, if you can "get connected" we can communicate by e-mail.

Aloha,
 Marc

=====
 Marc R. Rice
 Hawaii Preparatory Academy
 Kamuela, Hawaii 96743
 mrice@hpa.edu
 =====

Date: Wed, 10 Jan 1996 08:31:22 -1000
 From: Marc Rice <mrice@hpa.edu>
 To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re: Forwarded mail....

Thanks for the info. I am glad 94 came back up. I am flying to HNL today for a meeting at 1400 so I may miss your call. I'll get back to you tomorrow if we miss connection today.
 I am really sorry to hear that this whole mess may continue- I wish things could get settled so we could get back to work.
 I spoke with a fellow that dives a lot at Puako and Mauna Lani and he mentioned that they have, over the years, relieved several Puako turtles of entangling line, etc. Interesting that this one should show up now. Was it one of our tagged animals? Danny and he both mentioned that there was an eye witness to a tiger shark turtle predation off of Mauna Lani. I asked Danny to see if he could get more information on the incident. I also asked them if they new of any "tumored" turtles and they indicated that they hadn't seen any- even in the area where the one was reported by Ocean Sports Waikoloa. They did mention that they knew of one animal that they see regularly that has a very swollen neck- no tumors apparent, just a fat neck.
 I ask the fellow if we could have a video shot of the animals and he said it was possible. I think I will have to remind him if we really want it. I will call them this morning to see how the little turtle is doing...
 More Later,
 Marc

=====
 Marc R. Rice
 Hawaii Preparatory Academy
 Kamuela, Hawaii 96743
 mrice@hpa.edu
 =====
 ==

Date: Sun, 29 Oct 1995 20:27:41 -1000
 From: mrice@hpa.edu
 To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Re:

George,

Glad your trip was successful. Nice to be able to get all those transmitters on- obviously, you picked the right time to be out there.
 We went diving at Mauna Lani today (12 people) and we looked for the "tumored" turtle. No luck. The tide was high and the surf was up a bit so I suspect it was off feeding. I did spot our one flippered animal though. The second dive was done on a site called "turtles" by the Ocean Sports people (the folks who took us on the dive). They showed us their turtle cleaning station. It is on a finger reef in 45 feet of water, raising to 25 feet. There is a smoothed out area near the center (similar to the Puako site) but there is much more action at this site. Nick (boat captain) says that he has counted as many as 15 animals on the site at one time. We observed a maximum of 5 animals together at once on the site - they allow divers (6 or 7) to remain very close and seemed totally unperturbed by our presence. I took quite a bit of video within a few feet of the animals. The fish I saw cruising and feeding on the surface of the animals were Kole, Yellow Tang, a young wrass of some sort and a couple of Saddleback Wrasses. I observed the Saddleback picking at the surface of the turtles skin but there was no indication from the turtle that it was being "tweaked"- no startled movement, etc. like one might expect from the removal of an imbedded barnacle.

Next time you are over (soon I hope), we will need to get you out to see this place. It is quite an interesting place. Nick also mentioned that there is a cleaning station in A bay where the glass bottom boat takes tourists over to view the turtles. He says they have been using this site for years.

We will try and get back out to see if we can find the "tumored" turtle as soon as possible. I have a trip to Kiholo scheduled for Nov. 7 and 8. We will try and monitor the sonics for a couple of days to see how things are going with them.

Hope the trip to Fiji went well. I am anxious to hear the war stories from Samoa. When can you make it over for a tagging trip? I know, you just walk in the door from being gone for two weeks and I am trying to get you to leave again.....

Best,
 Marc

Date: Thu, 9 Nov 1995 15:53:33 -1000
From: Marc Rice <mrice@hpa.edu>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: Forwarded mail....

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George,

Here are some scattered notes I wrote on the computer while I was down at Kiholo. Thanks for giving me a call- it was good to talk to you again. I still want to hear all about the Rose trip.

A few notes about our trip to Kiholo. We arrived at around 1630 hours (Monday) and set up camp. Began sonic monitoring around 1700 hours and picked up both animals quickly. They both entered the lagoon around dusk or shortly after and remained in the lagoon the whole night (I must admit that we didn't get up and check them every hour but did go over at 0200 and 0600 (dawn). They exited the lagoon a little before dawn on both days. They spent both days in the bay and largely remained in the same area of the bay (monitoring data coming in the mail).

Nets: A single fence net was placed across the inlet Monday night at 1730 hours and it was removed from the water by 2000 hours. The guy checked the net regularly, and I saw no evidence of any turtles getting hung up in the net. The net caught a lot of Halalu and a few goatfish. On Tuesday night, there were at least 5 fence nets in the water at the same time. The channel was totally cut off and the turtles were milling about looking for a way in. While I don't know how they get in, they do seem to make it after a bit. It seems that they work there way around the ends of the nets or, as the net gets pulled down by rocks or fish, they simply swim over them. The nets were left in the water the whole night and I am pretty sure that they were not checked after 2400 hours. I picked up the monitoring at 0200 hours and they were all there and the situation was the same at 0600 hours. Both 88 and 339 were able to negotiate the nets and make it out into the bay at he regularly appointed time. I did see two instances of turtles struggling in the net in the morning, but both of them were able to get out. I walked all the nets to see if there were any turtles caught which there were not.

We visually observed both animals several times and the tags look fine. God I hope that those TDR's are recording properly. Recovering the tags by hand capture in the bay might be possible as long as we have the sonic tags to guide us. We observed 339 tuck into a little crevace head first for a nap while we were monitoring it. We probably could have caught it. We can pinpoint the animals reasonably well in the lagoon as well so there is hope. A little note of interest- I observed a sonic tag on an animal (smallish) that was no longer transmitting. It was sort of hanging off of the side of the animal by what appeared to be the posterior wire.

The one thing that made this trip so successful was the good weather. It was dead calm much of the time and we were able to monitor continuously without difficulty. The motor mount broke on the way down here but we were able to use the motor anyhow. We will order a new part and fix it ASAP. Your engine worked great. Thanks for letting us use it.

I did measure the narrowest portion of the lagoon as you requested. It was mid-tide and the distance from the nearest rock on the north shore to the south shore was 21 meters. I also measured some distances between some of the palm trees but I don't know if they show up on your photograph. Perhaps we can take a look at it next time you are over and I can pencil in some distances for the appropriate trees.

I am mailing the data for each of the turtles so you can take a look at them. The areas designated Bay 34 and Bay 40 are out in front of the Hind hours and Bay 5 is right in front of the inlet on the west side.

[52] From: Pam Fujiwara at -nmfs-lb 1/23/96 3:11PM (1004 bytes: 17 ln)
 To: George Balazs at -NMFS-HONO
 Subject: SIGNAGE AT PUAKO

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

RECEIVED A PHONE CALL FROM A CONCERNED CITIZEN RE: TURTLES SUNNING THEMSELVES ON THE BEACH AT PUAKO. SHE WAS WONDERING IF THERE WAS A WAY FOR A SIGN TO BE POSTED SO THAT PEOPLE WOULD LET THE TURTLES SUNBATHE ON THE BEACH. PEOPLE APPARENTLY THINK THAT THEY ARE BEING HELPFUL, BY CHASING THE TURTLES BACK INTO THE WATER.

HER PHONE NUMBER IS 882-1410. SHE LEFT NO NAME. SHE ALSO ADVISED THAT HER NEIGHBOR WHO LIVES RIGHT NEXT TO THE BEACH HAS A SEAWALL, AND THE TURTLES SUN THERE. THAT NEIGHBOR HAS AGREED TO PUT A SIGN UP IF WE CAN HELP HER GET ONE.

IF THERE'S ANYTHING YOU CAN DO, I'M SURE SHE WILL APPRECIATE IT VERY MUCH!

THANKS!

GHB in CA
 in touch early next week

Tried on 1-24-96/2:05 no answer

Sent Helen Rainer
~9:00 am told her daughter-in-law
 that GHB would call
 next week.

P.O. BOX 7126
 Kaneohe 96743

11

5/2/96
Mark Rice

George, Went down to Kiholo this evening for a listen but came up empty. We arrived at 1930 hours and made a search of the edge of the lagoon along the north side. The weather was very calm and the tide quite high. I spotted 15 turtles along the edge - some in very shallow water. There was one turtle at least 2 feet out of the water, sound asleep. There were three others on shallow ledges with their carapaces out of the water. As the tide was dropping, I would assume that they would be totally out of water in about 30 minutes. I guess they don't always come out to get a tan.

Date: Wed, 7 Feb 1996 15:50:31 -1000
From: Marc Rice <mrice@hpa.edu>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: KIHOLO TRIP

*Reduce
and
Give*

121

George,
Aloha, A few notes on the trip. See you tomorrow.
Marc

Monday, 2/5/96
Kiholo Bay
Monitoring Trip

Arrived at Kiholo at 1600 hrs and set up camp. Weather clear with slight onshore breeze. Surf up- 2 ft. breaking in the bay. Too difficult to monitor in the Bay. We will restrict our monitoring to the lagoon only. As soon as we arrived at the Awai, we observed a small 40-50 cm. turtle move up into the small pond. This animal was untagged. (saw another animal come up the awai at 1530 hrs on Tuesday- same sized animal). Using a Kayak to monitor the bay. Students broken into two 4 person teams. Monitoring to be done at the middle of each hour throughout the night and day.

Began monitoring at 1730 hrs. (2/5/96). The hydrophone does not seem to be working all that well. There are occasions when it does not seem to be receiving- get a funny humming/whistling sound. 339 seems to be alive and well with its tag in place. 88 does not seem to be around. Tag malfunction? We will listen through the night and hopefully it will show up. If we have lost the sonic signal, it will be very difficult to recover the animals. I walked the edge of the lagoon with the students to show them what the sonic tags sounded like - I think they have the idea now. While I was walking along I observed a small turtle (50 cm.) with a group of 10 or so Convict Tangs cleaning its carapace - the animal was posing for the cleaning.

At 2030 hrs. I again walked the north side of the lagoon and observed a number of turtles right along the edge in shallow water. What struck me at the time was that they seemed to be able to sense me coming (even before light became a factor). It seems to me that they could sense my foot steps on the rocks. They certainly didn't linger once they sensed my presence. They definitely seem to know that something noisy from above is not good.

Animals seemed to be moving in and out of the lagoon/bay without any problem and the "rough water" certainly didn't appear to bother them.
1600 hrs 2/6/96

88 showed up in the lagoon last night around 2130 hrs. (2/5/96). I am not sure when it actually came in - we may have missed it because of the hydrophone (?) Anyhow, it seems to be alive and still transmitting. Both animals left the lagoon in the morning and remained out all day. There were lots (8-12) small turtles feeding in the area right in front of the awai most of the morning and early afternoon. They are in very close (even washing up on the gravel bar on occasion) and usually have their posterior up in the air with their head down.

5 men and 2 women brought a series of fine mesh nets down at 1700 hrs and fenced both entrances entirely with one long net and then strung another one across the main entrance. We had to leave at 1830 hrs so I do not know how long they left the net out. Turtles seem to be getting in ok,

but it seem to take them a bit of searching before they found a way in.

Unfortunately, neither sonic turtle returned to the lagoon prior to the time we had to leave. All in all it was good to get back out and make sure that our little friends are still there. I hate to think of the prospect of finding those two animals if the sonics poop-out.

I took the other two TDR tags down and practiced a couple of data dump simulations with them. It went fine- at least I got the data into a file that we can view.

See you tomorrow.

Marc

=====
Marc R. Rice
Hawaii Preparatory Academy
Kamuela, Hawaii 96743
mrice@hpa.edu
=====

==

Date: Mon, 12 Feb 1996 15:48:13 -1000
 From: Marc Rice <mrice@hpa.edu>
 To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
 Subject: Puako Basking Turtles

George,

I called Helen Brindle (Rainer) aboutt the basking turtles at Puako. She was very happy to hear from me and is excited that we will try and put some sort of signage down there. I told her that I would come down and take a look at the situation in a couple of weeks and we would try and make this a student project to put some sort of educational sign in the area. Are there any rules about posting signs like this? She did say that she believed that we could put it on one of the resident's walls if necessary. When you have nothing better to do (ha, ha) ask around about possible metal signs like the ones we put up at Kiholo. I was thinking it might be nice to put some information about basking turtles on a sign and post it down there so that people understand what is happening.

Anyhow, I just need to rememeber to go down and visit this place.

Aloha,
 Marc

=====
 Marc R. Rice
 Hawaii Preparatory Academy
 Kamuela, Hawaii 96743
 mrice@hpa.edu
 =====

[21] From: Denise Ellis 2/16/96 11:06AM (1258 bytes: 22 ln)
 To: George Balazs
 cc: Shawn Murakawa
 Subject: Puako sighting (2-15-96)

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

Talked to Christine Gabriel she said turtle (~2-2 1/2 ft) was up on rocks 1/2 in a tidepool, seemingly resting. Didn't know if that was normal behavior so assumed it wasn't healthy, someone came up to the group she was with and said they'd seen 3 doing the same thing the week before. They were 30-40 ft away observing through binoculars, they did not see any tumors, tags or line. I mentioned it may have been basking, but if they did happen to see it again in the same area to let us know. She was interested in getting more info about the behavior and turtles.

A separate mention: Saw dead turtle floating in Kawaihai Commercial Boat harbor around the 18th of Jan. Badly decomposed (eyes eaten away and shell whitened). No tumors or tags noted. Approximately 3 ft in size. No other injuries noted.

Address:
 65-1158 Mamalahoa Hwy
 #8A, Suite 182
 Kamawela, HI 96743
 Ph: (808) 885-3460

TDR 205

-OBSERVATION DATA FOR 9/15, 10/11 AND 10/12/94-

<u>TAG NUMBER</u>	<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
88	9/30/95	1445	Section C3
88	9/30/95	1455	Section B3
88	9/30/95	1503	Section B3
88	9/30/95	1546	Section A2
88	9/30/95	1850	Section A2
88	9/30/95	2015	Section A2
88	10/1/95	0400	Section A2
88	10/1/95	0557	Section A2
88	10/1/95	0707	Section A2
88	10/1/95	0810	Section A2

Monitoring data for new tag (88) from time of release (1445) to time of departure from Kiholo

TDR 418

OBSERVATION DATA FOR 9/16, 10/11 AND 10/12/94

TAG NUMBER	DATE	TIME	LOCATION
339	9/30/95	1306	Section B3
339	9/30/95	1336	Section B1
339	9/30/95	1320	Section A3
339	9/30/95	1326	Section A2
339	9/30/95	1346	Section A2
339	9/30/95	1501	Section A2
339	9/30/95	1556	Section A2
339	9/30/95	1850	Section A2
339	9/30/95	2015	Section B3
339	10/1/95	0400	Section C1
339	10/1/95	0557	Section A3
339	10/1/95	0703	Section A2
339	10/1/95	0810	unknown

Monitoring data for new tag (339) from time of release (1306) to time of departure -

I lost this signal at 0800 & was unable to detect it any where in the lagoon or in the Bay -

Date: Mon, 2 Oct 1995 10:27:38 -1000

From: Marc Rice <mrice@hpa.edu>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re:

George,
Carapace found about 50-75 meters west of the sand beach where the kids presumably picked up the scutes. It was inland about 20 meters. What would you like me to do with it? I know it is illegal for us to have it in our possession.

George,
No rush on the Achielles. We can certainly wait until November.

The recovered carapace
SCL 56.5 cm.
SCW 46.8

CCL 61.0
CCW 53.3

Realize that many of the scutes were missing which would impact the measurement. There wasn't a scrap of tissue left on the thing- picked very clean and very dessicated.

Date: Tue, 10 Oct 1995 07:36:31 -1000
From: Marc Rice <mrice@hpa.edu>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: TDR tag 406

George,

Forgot to include the battery in the weights of TDR MK3 406.

George,
I just had a moment to go down and weigh the TDR (#406) on an electronic balance. Actually, I used three of them. Here are the weights
148.09 gr
148.13 gr
148.10 gr

BATTERY WEIGHT IS 14.00 grs

total TDR MK3 #406 weight is 162 grs.

Need to
indicate
Net + hand
Net only
hand only

KIHOLA SONIC TRANSMITTERS

DATE	TAGS	SONIC#	PULSE#
02-12-93	H282/H283	1	348
02-12-93	3484/Y702/Y703	2	357A
04-06-93	8903/8904	3	366A
04-06-93	Y105/Y106/R786/7F7F491C28	4	375
01-11-94	H282/H283/K632	-	447
01-11-94	Y102/Y103/Y104/K649/K650	-	456
09-15-94	Y704/Y705/V197	-	366B
09-15-94	8702/8703/Y251/K463	-	555
09-16-94	3317/7782/8933/8934/J632	-	357B
09-16-94	7755/7756/H25/Y126/J631	-	384

Summary of tagging and resighting data for green turtles
 captured at Kiholo Bay, North Kona, Hawaii

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	Expedition dates	Total no. captured	No. newly tagged	No. tag resighting	Total no. tagged in population to date	Peterson population index estimate ^a
1.	Oct. 21-23, 1987	6	6	-	6	-
2.	Feb. 10-12, 1988	13	13	0	19	-
3.	April 27-29, 1988	10	9	1	28	190
4.	June 28-30, 1988	11	4	7	32	44
5.	Oct. 26-28, 1988	21	15	6	47 ^b	112
6.	March 1-3, 1989	29	24	5	71	273
7.	May 3-5, 1989	37	17	20	88	131
8.	Oct. 18-20, 1989	24	6	18	94	117
9.	Jan. 24-26, 1990	22	9	13	103	159
10.	April 25-27, 1990	58	21	37	124	161
11.	Oct. 24-26, 1990	51	18	33	142	192
12.	March 4-6, 1991	55	12	43	154	182
13.	Jan. 13-15, 1992	62	21	41	175 ^c	233
14.	April 21-23, 1992	85	36	49	211 ^d	304
15.	Sept. 28-30, 1992	49	19	20	230	517
16.	Feb. 11-12, 1993	17	0	17	230	-
17.	April 6-7, 1993	14	4	10	234 ^e	322
18.	Jan. 11-12, 1994	21	9	12	243 ^{f, s}	409
19.	Feb. 8-10, 1994	58	19	39	262	361
20.	Sept. 14-16, 1994	45	12	33	274 ^h	357
21.	March 3-4, 1995	35	5	30	279	320

^a 22 Sept. 29-30, 95
 No. tagged turtles recaptured

Total No. turtles tagged

Total No. turtles captured

Total No. turtles in resident population (X)

^b On 8/19/88 1 turtle tagged during 6/88 found dead from gillnet entanglement.

^c On 8/9/91 1 turtle tagged during 1/90 found dead from gillnet entanglement.

^d On 3/23/92 1 turtle tagged during 1/92 found dead from gillnet entanglement.

^e Dead turtle found 3/23/93, tagged H76 (from 1/14/92).

^f Butchered turtle remains found in lagoon 1/11/94.

^s Butchered remains of two turtles found on lava adjacent to lagoon. One had H55 on hind flipper (from 1/14/92).

^h Dead turtle found 5/13/94 near Bakken home tagged H244 (from 4/21/92) likely gillnet mortality.

List of all tags, date of attachment, months monitored at least for 1 hours and total hours monitored. [Note that the nocturnal monitoring dropped off dramatically as we progressed through the study because the animals remained in the lagoon throughout the night- monitoring was cut to 2 or 3 times a night.]

DATE ATTACHED	SONIC CODE	OTHER TAGS	MONTHS MONITORED	TOTAL HOURS MONITORED
2/12/93	348	H282, H283	Feb., March, April, May, June, Sept	147
2/12/93	357	3484, Y702, Y703	Feb., March, April, June	126
4/6/93	366 Puako translocation	8903, 8904	April, June, September	23
4/6/93	375 Puako translocation	Y105, Y106, R786	April, June	4
1/11/94	447	H282, H283, K632	Jan., Feb., April, Oct., Nov./94 Feb., March/95	69
1/11/94	456	Y102, Y103, Y104	Jan., Feb., March, April	54
9/15/94	366B	Y704, Y705, V197	Sept., Oct., Nov./94 March, July/95	28
9/15/94	555	8702, 8703, Y251, K463	Sept., Oct., Nov.	7
9/16/94	357B	3317, 7782, 8933, 8934, J632	Sept., Oct., Nov./94 Feb., March/95	26
9/16/94	384	7755, 7756, H25, Y126, J631	Sept., Oct., November	14
9/30/95	88	K691, Y664, Y665, Z13	Sept., Oct., Nov.	28
9/30/95	339	H205, H206, H207	Sept., Oct., Nov.	28

METRIC SYSTEM WITH U.S. EQUIVALENTS

METRIC UNIT (1) U.S. EQUIVALENT

LENGTH

millimeter	(mm)	0.04 inches
centimeter	(cm)	0.39 inches
decimeter	(dm)	3.94 inches
meter	(m)	39.37 inches
decameter	(Dm)	32.81 feet
hectometer	(hm)	109.36 yards
kilometer	(km)	0.62 miles
myriameter		6.2 miles

AREA

square centimeter	(cm²)	0.155 sq. inches
square meter	(m²)	1.196 sq. yards
are	(a)	119.60 sq. yards
hectare	(ha)	2.47 acres
sq. kilometer	(km²)	0.3861 sq. miles

WEIGHT

milligram	(mg)	0.015 grains
centigram	(cg)	0.154 grains
decigram	(dg)	1.543 grains
gram	(g)	0.035 ounces
decagram	(Dg)	0.353 ounces
hectogram	(hg)	3.527 ounces
kilogram	(kg)	2.2046 pounds
quintal		220.46 pounds
metric ton		1.1 tons

METRIC UNIT (1) U.S. EQUIVALENT

VOLUME

cubic centimeter	(cm³)	0.061 cubic inches
cubic decimeter	(dm³)	0.0353 cubic feet
cubic meter	(m³)	1.31 cubic yards
cubic decameter	(Dm³)	13.10 cubic yards

CAPACITY, CUBIC

milliliter	(ml)	0.06 cubic inches
centiliter	(cl)	0.6 cubic inches
deciliter	(dl)	6.1 cubic inches
liter	(l)	61.02 cubic inches
decaliter	(Dl)	0.35 cubic feet
hectoliter	(hl)	3.53 cubic feet
kiloliter		1.31 cubic yards

CAPACITY, DRY

deciliter	(dl)	0.18 pints
liter	(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

JOHN KIHLO

No. 09-9132
Coll. Margin 60 Pgs

