

BALAZS

KEAWA NUI
HUALALAI
KALOKO

3 of 3

2006-2007 AND 2009

KEAWA NUI MARCH 15, 2006 ^{YOKA HAYATO}

COMPOSITION BOOK

100 Sheets • 9³/₄ in. X 7¹/₂ in.

KALOKO - HONOKOHAI FEB. 15, 2006
(STACY SHAW)

Name BALAZS BOB-286-289

HUALALAI JUNE 16, 2006 KUKIO

School

KALOKO SEPTEMBER 6, 2006

Grade

KALOKO APRIL 18, 2007

HUALALAI JUNE 18, 2007



APP

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BALAZS



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HUALALAI JULY 29, 2009

KALOKO

Students vital to turtle research on Big Isle

The field hands assist scientists studying the threatened Hawaiian sea creature

BY LEILANI S. HINO

Special to the Star-Bulletin

KOHALA COAST, Hawaii — During his high school years, Scott Lindsey spent many hours observing green sea turtles along Kiholo Bay.

When he graduated from Hawaii Preparatory Academy last year, he took with him an interest in environmental issues, spurred by his fieldwork.

"To actually catch turtles, to actually handle them, be there when they're measured and weighed — it's valuable hands-on experience you can't get any other way," said Lindsey, now a University of Texas computer engineering student who has returned to help with the turtle research this summer.

Since 1987, he and other students at the private school have helped scientists study the threatened Hawaiian green sea turtle, which has suffered from mysterious viruses, marine debris dumped by humans and destruction of nesting sites.

Each year, 60 students in grades eight to 12 sign up for the National Marine

Fisheries Service Cooperative Sea Turtle Research Program, said assistant headmaster Marc Rice.

"It got me into understanding the behavior of sea animals," said Lindsey. "And it definitely made me look at the ocean and wildlife management in a totally different way."

The students work under the supervision of George Balazs, zoologist with the National Marine Fisheries Service.

Balazs, leader of the Honolulu Laboratory Marine Turtle Research Program, has conducted long-term studies of green sea turtles in nearshore waters for more than two decades.

His studies chronicle growth rates, food sources, habitat use, developmental and reproductive migrations, underwater behaviors, health status and population trends of the creatures.

Kiholo Bay, on the Kohala Coast of the Big Island, is one area of focus. And the students serve as field assistants on his West Hawaii data collection expeditions.

"These young people have been instrumental in helping our agency make major advances in the knowledge of sea turtles residing in coastal waters of the

Big Island," he said. "I couldn't function without them."

The students help Balazs capture, measure and tag sea turtles at Honaunau, Kahaluu, Kiholo, Mauna Lani and Puako. The students hand-capture turtles by snorkeling at night or by using large-mesh tangle nets carefully tended to prevent injury, Balazs said.

A recent research project involved spending 600 hours, both during the day and night, tracking 10 turtles at Kiholo Bay.

Rice said the fieldwork and hands-on experience help students understand the importance of data collection.

Beyond academic benefits, students gain on-the-job experience in teamwork and self-esteem. "When you've got 15 or 20 people going on an overnight field trip, a lot of logistics and planning go into it," Rice said.

And the students learn about themselves.

"It takes something to jump in the water when it's pitch black at night — a moment of self-evaluation, learning you can do things you never knew you could. It helps build self-esteem."

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

PERSON RECORDING DATA:

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

NEW TAGS:
RFL
LFL

STRAIGHT CARAPACE - LENGTH: cm WIDTH: cm

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

CURVED CARAPACE LENGTH: cm WIDTH: cm

HEAD WIDTH: cm **LATERAL** cm **POST LATERAL** cm

PPS: YES OR NO OR NE **MIDLATERAL** cm SEX: Male, Female or Undetermined

TAIL LENGTH: T cm C cm

RIGHT FRONT FLIPPER WIDTH: cm **SAMPLES COLLECTED:**

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS:

135

6/17/02

Resighting
MT
NO. 11
57
at 7:00 AM
K
V
W
19/02

PARTICIPANTS LIST

See
Also
pages

NAME
FUALALAI
NORTH END

Convent
it was

Maggie Sabin

I had so much fun!
I never knew turtles were
so strong!
Yay for turtles!!

Alex Fabisiak
Rachel Hoover

This was awesome!
Your program is
amazing!

Bridget Walker
Aven King
Sean Prentiss
Beau Radovich

Thanks it was fun.
It was a blast, thank
you for the amazing
opportunity.
Wonderful opportunity.
Thanks a bunch,
beaubulldog@aol.com

susan.sogard@noaa.gov

Ashlyn - konaguti7@yahoo.com

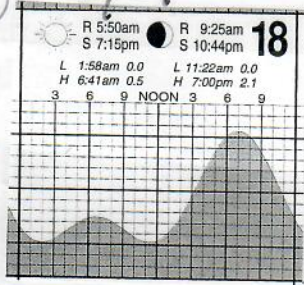
P.O. Box 1344

KVA

Kailua-Kona HI, 96745

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① 6/07



SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6.18.07

CAPTURE DATE, LOCATION AND METHOD:

6/18/07 ^{Monday} HUALALAI NORTH
 PERSON RECORDING DATA: B Walker SCOOP NET

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

470A140821
 470C284ETD

NEW TAGS:

RFL
 LFL

STRAIGHT CARAPACE - LENGTH:

58.6 cm

WIDTH: 47.9 cm

NOTCH LENGTH: 58.2 cm

DB: L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

63.0 cm

WIDTH: 56.0 cm

HEAD WIDTH: — cm

LATERAL: 22.6 cm

POST LATERAL: cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 12.5 cm

20.3

C 9.5 cm

~~3~~ 1377.2

RIGHT FRONT FLIPPER WIDTH: — cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 46.4 cm

WEIGHT: 60.5 #

DESCRIPTIVE REMARKS:

Algae in mouth

moto. dot on the third lateral left & right

137

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2

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

6/18/07	Hualalai	north
PERSON RECORDING DATA: B Walker		hand

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

NEW TAGS:

RFL	470C606D5F
LFL	
	470D094A00
	

STRAIGHT CARAPACE - LENGTH:

42.1 cm

WIDTH: 35.3 cm

NOTCH LENGTH: 41.9 cm

DB:  L.O.

VB:  L.O.

CURVED CARAPACE LENGTH:

45.5 cm

WIDTH: 40.5 cm

HEAD WIDTH: — cm

LATERAL: 16.5 cm

POST LATERAL: 10.9 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 8.5 cm

13.8

C 5.5 cm

RIGHT FRONT FLIPPER WIDTH: — cm

—

SAMPLES COLLECTED:

PLASTRON LENGTH: 33.6 cm

WEIGHT: 220.8 #

DESCRIPTIVE REMARKS:

1 dot on the third lateral
④ ER

138

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3

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

6/18/07	Hualalai	North
PERSON RECORDING DATA: Bridget Walker		Scoop

TUMOR SCORE

0 1 2

ORAL TMS EXT. YES OR NO YES NO

1 2

OLD TAGS:

470A006A0F
467C575873

NEW TAGS:

RFL
LFL

EMACIATION CODE

0 1 2

STRAIGHT CARAPACE - LENGTH:

55.2 cm

WIDTH:

46.2 cm

NOTCH LENGTH:

54.9 cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

59.5 cm

WIDTH:

53.5 cm

HEAD WIDTH:

— cm

LATERAL 19.9 cm

POST LATERAL 15.0 cm

PPS: YES OR NO OR NE

NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

11.5 cm

17.6

C 7.5 cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

43.7 cm

WEIGHT:

46.9 #

DESCRIPTIVE REMARKS:

soft and flat plastron

1 dot on the third lateral
D&B healing bone deep injury

brd central

134

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4

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Bridget Walker ~~scuba~~ hand

TUMOR SCORE <input type="checkbox"/>	OLD TAGS: ④ 970A0FOA5D	NEW TAGS: RFL
ORAL TMRS EXT: YES OR NO <input type="checkbox"/>	④ 470C7C3856	LFL
EMACIATION CODE <input type="checkbox"/>		

STRAIGHT CARAPACE - LENGTH: 51.9 cm WIDTH: 43.8 cm

NOTCH LENGTH: 51.8 cm DB: L.O. VB: L.O.

CURVED CARAPACE LENGTH: 56.0 cm WIDTH: 51.5 cm

HEAD WIDTH: cm LATERAL: 19.6 cm POST LATERAL: 14.8 cm

PPS: YES OR NO OR NE yes MIDLATERAL SEX: Male, Female or Undetermined

TAIL LENGTH: T 11.5 cm 17.7 cm C 7.5 cm

RIGHT FRONT FLIPPER WIDTH: cm SAMPLES COLLECTED:

PLASTRON LENGTH: 41.6 cm

WEIGHT: 43.4 #

DESCRIPTIVE REMARKS: Algae in mouth - saved

MI 1 dot on the third lateral
L(Ⓞ)R

140

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(5)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/19/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Emmylou Scherman hand

TUMOR SCORE

0

OLD TAGS:

(L) 467D003443

(R) 470C626816

NEW TAGS:

RFL

LFL

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

STRAIGHT CARAPACE - LENGTH:

55.0 cm

WIDTH:

64.9 cm

NOTCH LENGTH:

31.8 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

59.5 cm

WIDTH:

55.5 cm

HEAD WIDTH:

cm

LATERAL 23.0 cm

POST LATERAL 17.2 cm

PPS: YES OR NO OR NE

NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

12.5 cm

20.9 cm

C

8.5 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

43.6 cm

WEIGHT:

55.9 #

DESCRIPTIVE REMARKS:

ANT 1 dot on the third lateral
L (L) R

143

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(6)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Emmylou Scherman Scoop Net

TUMOR SCORE

0

OLD TAGS:

470C656E50
4709775830

NEW TAGS:

RFL
LFL

ORAL TMRS EXT
YES OR NO

-

EMACIATION CODE

0

STRAIGHT CARAPACE - LENGTH:

47.8 cm

WIDTH: 38.9 cm

NOTCH LENGTH: 47.6 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

51.0 cm

WIDTH: 45.5 cm

HEAD WIDTH:

LATERAL: 17.9 cm

POST LATERAL: 13.6 cm

PPS: YES OR NO OR NE YES

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 10.5 cm

15.9

C 7.0 cm

RIGHT FRONT FLIPPER WIDTH:

- cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 38.4 cm

WEIGHT: 34.0 #

DESCRIPTIVE REMARKS:

Algae in mouth.

1 dot on the third Lateral
L(2) R

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7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalau North

PERSON RECORDING DATA: Emmylou Schierman hand

TUMOR SCORE

0

(L)

ORAL TMRS EXT.
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

Empty box for old tags

NEW TAGS:

RFL 470972082F
LFL 4709761401

STRAIGHT CARAPACE - LENGTH:

56.9 cm

WIDTH: 55.4 cm

NOTCH LENGTH: 56.5 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

61.0 cm

WIDTH: 53.0 cm

HEAD WIDTH: — cm

LATERAL: 20.5 cm

POST LATERAL: 15.9 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 13.5 cm

18.7

C 10.0 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: 45.5 cm

WEIGHT: 52.4 #

DESCRIPTIVE REMARKS:

LEFT Hind. OLD injury and twisted on 1/4 of spine. All healed

Algae in mouth

1 dot on the third lateral L & R

144

8

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SEA TURTLE TAGGING FORM

NOVA 1

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Haalalau North
PERSON RECORDING DATA: Emmylou Scherman Scoop

TUMOR SCORE

0

ORAL TMRS EXT: YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

470C456D50
470A022063

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

57.5 cm

WIDTH: 48.8 cm

NOTCH LENGTH:

57.4 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

62.0 cm

WIDTH: 56.5 cm

HEAD WIDTH:

cm

LATERAL: 22.8 cm

POST LATERAL: 16.6 cm

PPS: YES OR NO OR NE

Yes

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

11.5 cm

19.6

C 7.5 cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

46.9 cm

WEIGHT:

69.2 #

DESCRIPTIVE REMARKS:

Algae in Mouth
Flat Plastron, 1 dot on the third lateral
L(8)R

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(9)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North	
PERSON RECORDING DATA: Maggie Sabin	Hand

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

L 4701823253D
R 4706680418

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

cm

WIDTH: cm

NOTCH LENGTH:

cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH:

cm

LATERAL: cm

POST LATERAL: cm

PPS: YES OR NO OR NE

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T

cm

cm

cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

cm

WEIGHT:

#

DESCRIPTIVE REMARKS:

Algae in Mouth

1 dot on the third lateral
L @ R

146

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North	Hand
PERSON RECORDING DATA: Maggie Sabin	Scrub Net

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

L 4178A013474
R 4178A346624

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

cm

WIDTH: cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

LATERAL: cm

POST LATERAL: cm

PPS: YES OR NO OR NE

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS:

1 dot on the third lateral
L (E) R

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11

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Maggie Sabin
Scoop Net

TUMOR SCORE

 ORAL TMRS EXT: YES OR NO

 EMACIATION CODE

OLD TAGS:
 L 470A4B111F
 R 470978443A

NEW TAGS:
 RFL
 LFL

STRAIGHT CARAPACE - LENGTH: 57.4 cm WIDTH: 46.9 cm

NOTCH LENGTH: 57.0 cm DB: L.O. VB: L.O.

CURVED CARAPACE LENGTH: 81.0 cm WIDTH: 55.0 cm

HEAD WIDTH: cm LATERAL: 22.4 cm POST LATERAL: 15.2 cm

PPS: YES OR NO OR NE NO MIDLATERAL SEX: Male, Female or Undetermined

TAIL LENGTH: T 14.5 cm C 20.2 cm 10.0 cm

RIGHT FRONT FLIPPER WIDTH: cm SAMPLES COLLECTED:

PLASTRON LENGTH: 46.4 cm

WEIGHT: 60.8 #

DESCRIPTIVE REMARKS: Algae in Mouth

1 dot on the 3rd lateral (9E2)

148

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SEA TURTLE TAGGING FORM

(12)

REV 1

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Maggie Sabin ... Scoop Net

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

[Empty box for old tags]

RFL

LFL

470A191E3E



470B374309



STRAIGHT CARAPACE - LENGTH:

51.4 cm

WIDTH: 41.3 cm

NOTCH LENGTH:

51.4 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

55.0 cm

WIDTH: 48.5 cm

HEAD WIDTH:

[Diagram of head width measurement]

LATERAL: 18.9 cm

POST LATERAL: 13.8 cm

PFS: YES OR NO OR NE

NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

13.5 cm

17.1 cm

9.0 cm

RIGHT FRONT FLIPPER WIDTH:

[Diagram of flipper width measurement]

PLASTRON LENGTH:

40.9 cm

WEIGHT:

41.0 #

SAMPLES COLLECTED:

DESCRIPTIVE REMARKS:

clean shell; 8-9 marginal right head notch
mark: 1 dot on the 3rd lateral LFR

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FIGURE 1

13

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Maggie Sabin . Scoop Net

TUMOR SCORE

ORAL TMRS EXT:

YES OR NO

EMACIATION CODE

OLD TAGS:

478 DDF 7822
4709683920

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

50.4 cm

WIDTH:

41.3 cm

NOTCH LENGTH:

49.5 cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

54.0 cm

WIDTH:

48.5 cm

HEAD WIDTH:

LATERAL:

18.4 cm

POST LATERAL:

13.7 cm

PPS: YES OR NO OR NE

yes

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T

10.0 cm

16.6 cm

6.5 cm

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

41.2 cm

WEIGHT:

37.6 #

DESCRIPTIVE REMARKS:

5 laterals on the right
algae in mouth
note: 1 dot on the 3rd lateral L & R

150

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14

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Huahai North

PERSON RECORDING DATA: Rachel Hoover hand

TUMOR SCORE

ORAL TMS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

[Empty box for old tags]

NEW TAGS:

RF 470C740A48
LF 470B394F69

STRAIGHT CARAPACE - LENGTH: 44.4 cm

WIDTH: 36.1 cm

NOTCH LENGTH: 44.3 cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH: 47.5 cm

WIDTH: 42.5 cm

HEAD WIDTH: [] cm

LATERAL: 16.2 cm

POST LATERAL: 12.2 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T 9.5 cm

14.6 cm C 6.0 cm

RIGHT FRONT FLIPPER WIDTH: [] cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 14.7 cm

WEIGHT: 26.7 #

DESCRIPTIVE REMARKS:

dozens of shallow pits in carapace
flat plastron
swollen rugose cloaca

note: 1 dot on the 3rd lateral (4)(2)

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REVISED

15

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 7.18.07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Bridget Walker scoop net

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

[Empty box for old tags]

NEW TAGS:

RFL 470C2E136E
LFL 470D075327

STRAIGHT CARAPACE - LENGTH:

45.9 cm

WIDTH: 37.2 cm

NOTCH LENGTH:

45.9 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

49.5 cm

WIDTH: 44.5 cm

HEAD WIDTH:

[Empty box]

LATERAL: 19.0 cm

POST LATERAL: 13.9 cm

PPS: YES OR NO OR NE

NO

MIDLATERAL

SEX: Male, Female or Undetermined

J

TAIL LENGTH: T

9.5 cm

17.1 cm

C 6.5 cm

RIGHT FRONT FLIPPER WIDTH:

[Empty box]

SAMPLES COLLECTED:

PLASTRON LENGTH:

35.9 cm

WEIGHT:

31.1 #

DESCRIPTIVE REMARKS:

1 dot on the 3rd lateral @ 90.
10th lateral (2) healed indentation

152

16

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North

PERSON RECORDING DATA: Bridget Walker ... scoop net

TUMOR SCORE	0	OLD TAGS:	L 470A4D1263	NEW TAGS:	
ORAL TMRS EXT: YES OR NO	—		R 470C714F10	RFL	
EMACIATION CODE	0			LFL	

STRAIGHT CARAPACE - LENGTH: 58.1 cm WIDTH: 46.8 cm

NOTCH LENGTH: 57.9 cm DB: ~~0~~ L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 62.5 cm WIDTH: 56.5 cm

HEAD WIDTH: — cm LATERAL: 21.9 cm POST LATERAL: 16.7 cm

PPS: YES OR NO OR NE NO MIDLATERAL SEX: Male, Female or Undetermined U

TAIL LENGTH: T 13.5 cm C 19.9 cm 9 cm

RIGHT FRONT FLIPPER WIDTH: — cm SAMPLES COLLECTED:

PLASTRON LENGTH: 47.5 cm

WEIGHT: 58.3 #

DESCRIPTIVE REMARKS: Algae in mouth

note: 1 dot on third lateral (2) & (2)

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FIGURE

17

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6.18.07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Bridget Walker hand (basking)

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

[Empty box for old tags]

NEW TAGS:

RFL 470B355962
LFL 470C3A0A15

STRAIGHT CARAPACE - LENGTH:

65.7 cm

WIDTH: 53.4 cm

NOTCH LENGTH: 65.6 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

70.0 cm

WIDTH: 66.5 cm

HEAD WIDTH: [] cm

LATERAL: 25.9 cm

POST LATERAL: 20.5 cm

PPS: YES OR NO OR NE

YES

MIDLATERAL

SEX: Male, Female or Undetermined

J

TAIL LENGTH: T 15.5 cm

23.9

C 10.5 cm

RIGHT FRONT FLIPPER WIDTH: [] cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 54.1 cm

WEIGHT: 91.0 #

DESCRIPTIVE REMARKS:

note: 1 dot on third lateral (L) & (R)
inguinal puffy skin around hind flippers

154

18

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Aven King

TUMOR SCORE

0

OLD TAGS:

(L)

46077F5B31

NEW TAGS:

ORAL TMRS EXT
YES OR NO

—

(R)

46076D1408

RFL

LFL

EMACIATION CODE

0

STRAIGHT CARAPACE - LENGTH:

49.8 cm

WIDTH: 40.9 cm

NOTCH LENGTH: 49.2 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

53.5 cm

WIDTH: 48.5 cm

HEAD WIDTH: — cm

LATERAL 18.7 cm

POST LATERAL 14.0 cm

PPS: YES OR NO OR NE no

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 9.5 cm

16.9 cm C 7 cm

RIGHT FRONT FLIPPER WIDTH: — cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 40.8 cm

WEIGHT: 37.4 #

DESCRIPTIVE REMARKS:

note: 1 dot on third lateral (L) + (R)

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19

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Aven King Scoop net

TUMOR SCORE

0

OLD TAGS:

47096F3C6B

NEW TAGS:

RFL

LFL

ORAL TMRs EXT:
YES OR NO

-

470D931210

EMACIATION CODE

I 1

STRAIGHT CARAPACE - LENGTH:

50.9 cm

WIDTH: 43.4 cm

NOTCH LENGTH: 50.4 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

54.5 cm

WIDTH: 51.0 cm

HEAD WIDTH:

LATERAL: 18.2 cm

POST LATERAL: 13.0 cm

PFS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

0

TAIL LENGTH: T 10.5 cm

16.2 C 7 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH: 40.5 cm

WEIGHT: 37.5 #

DESCRIPTIVE REMARKS:

note: 1 dot on third lateral (L+R)
Clear shell

176

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SEA TURTLE TAGGING FORM

REV#

20

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hoalalei North
 PERSON RECORDING DATA: Aven King hand capture

TUMOR SCORE

0

ORAL TMRS EXT:
 YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

NEW TAGS:

RFL	470C3C454C
LFL	470D104C01

STRAIGHT CARAPACE - LENGTH:

40.7 cm

WIDTH:

32.9 cm

NOTCH LENGTH:

40.6 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

43.5 cm

WIDTH:

39.0 cm

HEAD WIDTH:

— cm

LATERAL

116.2 cm

POST LATERAL

116.0 cm

PPS: YES OR NO OR NE

no

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

8.5 cm

14.2 cm

5.5 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH:

32.7 cm

WEIGHT:

2197 #

DESCRIPTIVE REMARKS:

note: 1 dot on third lateral (L) + (R)
 10th and 11th marginals cracked
 and loose, right side

157

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FIGURE

(21)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North	
PERSON RECORDING DATA: Aven King	hand caught

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

NEW TAGS:

RFL	470B5A1D5F
LFL	
	470A03131D
	

STRAIGHT CARAPACE - LENGTH:

44.7 cm

WIDTH:

~~44.5~~ 35.5 cm

NOTCH LENGTH:

44.5 cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

47.5 cm

WIDTH:

41.5 cm

HEAD WIDTH:

cm

LATERAL:

15.6 cm

POST LATERAL:

11.5 cm

PPS: YES OR NO OR NE

yes

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T

8.5 cm

13.4

C

5.5 cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

35.4 cm

WEIGHT:

24.6 #

DESCRIPTIVE REMARKS:

no dots on third lateral (L) + (R)
abnormal scute midline of plastron

158

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22

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Houaialai North	
PERSON RECORDING DATA: Aven King	Scoop net

TUMOR SCORE

0

ORAL TMRs EXT: YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

470A571128
4709797E21

NEW TAGS:

RFL 9
LFL

STRAIGHT CARAPACE - LENGTH:

51.4 cm

WIDTH:

40.2 cm

NOTCH LENGTH:

50.8 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

55.5 cm

WIDTH:

47 cm

HEAD WIDTH:

- cm

LATERAL

20.3 cm

POST LATERAL

15.2 cm

FPS: YES OR NO OR NE

NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

11.5 cm

18.0 cm

C

8.0 cm

RIGHT FRONT FLIPPER WIDTH:

- cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

40.6 cm

WEIGHT:

41.9 #

DESCRIPTIVE REMARKS:

note: 1 dot on third lateral (L) + (R)

FORM 137

23

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

Hualalai North
PERSON RECORDING DATA: Aven King ... hand caught

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

NEW TAGS:
RFL 470C7B5A67
LFL
470C777E25

STRAIGHT CARAPACE - LENGTH: 48.8 cm WIDTH: 39.0 cm
NOTCH LENGTH: 48.3 cm DB: 0 L.O. VB: 0 L.O.
CURVED CARAPACE LENGTH: 53 cm WIDTH: 46.5 cm
HEAD WIDTH: cm LATERAL: 18.9 cm POST LATERAL: 14.0 cm
PPS: YES OR NO OR NE: NO MIDLATERAL SEX: Male, Female or Undetermined U

TAIL LENGTH: T 9.0 cm 17.3 cm 5.5 cm
RIGHT FRONT FLIPPER WIDTH: cm
PLASTRON LENGTH: 38.7 cm
WEIGHT: 33.7 #

DESCRIPTIVE REMARKS:
photo: 1 dot on third lateral (L) + (R)
dirty shell PCA
LHF 1/8 missing and healed

160

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~~END
HAWAII
6/18/07~~

(24)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 6/18/07

CAPTURE DATE, LOCATION AND METHOD:

HAWAIIAN NORTH	(coming out to)
PERSON RECORDING DATA: Maggie Sabin	Basking

TUMOR SCORE
 0

ORAL TMRS EXT:
YES OR NO
 -

EMACIATION CODE
 0

OLD TAGS:

NEW TAGS:

RFL 470B497803

LFL 467B7D1333

STRAIGHT CARAPACE - LENGTH: 50.4 cm WIDTH: 40.3 cm

NOTCH LENGTH: 50.3 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 53.0 cm WIDTH: 40.6 cm

HEAD WIDTH: — cm LATERAL: 18.6 cm POST LATERAL: 13.9 cm

PPS: YES OR NO OR NE NO MIDLATERAL SEX: Male, Female or Undetermined U

TAIL LENGTH: T 9.5 cm C 17.4 cm 6.5 cm

RIGHT FRONT FLIPPER WIDTH: — cm SAMPLES COLLECTED:

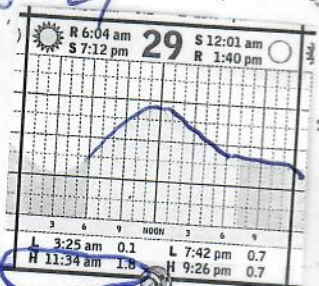
PLASTRON LENGTH: 41.0 cm

WEIGHT: 37.0 #

DESCRIPTIVE REMARKS:

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JULY (161)



SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 wednesday HUALALAI BASKING
 H= 1134am 2009
 PERSON RECORDING DATA: Meimer NORTH

TUMOR SCORE

0

ORAL TMRS EXT:
 YES OR NO

NO

EMACIATION CODE

0

OLD TAGS:

LN 470A4B111F
 RN 470978443A

NEW TAGS:

RFL
 LFL

STRAIGHT CARAPACE - LENGTH:

57.3 cm

WIDTH: 47.1 cm

NOTCH LENGTH: 57.1 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

61.5 cm

WIDTH: 55.5 cm

HEAD WIDTH:

cm

LATERAL 21.9 cm

POST LATERAL 16.9 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T 15.5 cm

19.7 Lateral 2

10.5 cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 45.8 cm

WEIGHT: 58.9

DESCRIPTIVE REMARKS:

[Handwritten scribbles]

167

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[Handwritten signatures and initials]

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09	NORTH	HUALALAI
PERSON RECORDING DATA: Maiah		BASKING

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

470A006A00
RH 467C575873

NEW TAGS:

STRAIGHT CARAPACE - LENGTH:

55.3 cm

WIDTH:

45.1 cm

NOTCH LENGTH:

55.2 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

59.5 cm

WIDTH:

53.0 cm

HEAD WIDTH:

— cm

LATERAL: 18.5 cm

POST LATERAL: 14.1 cm

FPS: YES OR NO OR NE

NO

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T

11.5 cm

16.7 cm

9.0 cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

43.9 cm

WEIGHT:

46.0 #

DESCRIPTIVE REMARKS:

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

SCOOP Net

CAPTURE DATE, LOCATION AND METHOD:

7/29/09	HUALALAI NORTH
PERSON RECORDING DATA: meimei	

TUMOR SCORE

0

ORAL TMS EXT. YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

LH	470D104C01
RH	470C3C454C

NEW TAGS:

RFL	
LFL	

STRAIGHT CARAPACE - LENGTH:

43.4 cm

WIDTH: 35.3 cm

NOTCH LENGTH:

43.4 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

47.5 cm

WIDTH: 42.0 cm

HEAD WIDTH:

— cm

LATERAL: 17.9 cm

POST LATERAL: 12.0 cm

PPS: YES OR NO OR NE

YES

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

10.5 cm

15.7

6.0 cm

RIGHT FRONT FLIPPER WIDTH:

 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

35.5 cm

WEIGHT:

28.0 #

DESCRIPTIVE REMARKS:

5th central has diagonal crack into bone. healed

164

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / / Scoop Net

CAPTURE DATE, LOCATION AND METHOD:
7/29/09 HUALALAI NORTH
PERSON RECORDING DATA: Meimei

TUMOR SCORE: 0
ORAL TMRS EXT: YES OR NO: YES
EMACIATION CODE: 0
OLD TAGS: 470972082F, 4709761401
NEW TAGS: [Empty]

STRAIGHT CARAPACE - LENGTH: 57.7 cm WIDTH: 45.4 cm

NOTCH LENGTH: 57.7 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 61.5 cm WIDTH: 53.5 cm

HEAD WIDTH: [Blank] cm LATERAL: 19.9 cm POST LATERAL: 15.4 cm

PPS: YES OR NO OR NE: YES MIDLATERAL: 18.3 cm SEX: Male, Female or Undetermined: 0

TAIL LENGTH: T: 14.0 cm C: 10.5 cm

RIGHT FRONT FLIPPER WIDTH: [Blank] cm SAMPLES COLLECTED: [Empty]

PLASTRON LENGTH: 45.5 cm

WEIGHT: 55.5 #

DESCRIPTIVE REMARKS:
• Big wad of algae filaments
• 7/8 amputated LH likely line stragglement healed

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SEA TURTLE TAGGING FORM

5

DATE FORM FILLED OUT

SCOOP Net

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 HUALALAI North
PERSON RECORDING DATA: Meimei

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

Empty table for old tags

New

RFL

4A41616301

LFL

4A15300D29

STRAIGHT CARAPACE - LENGTH:

52.8 cm

WIDTH:

41.9 cm

NOTCH LENGTH:

52.6 cm

DB:

0

L.O.

VB:

0

L.O.

CURVED CARAPACE LENGTH:

57.0 cm

WIDTH:

49.0 cm

HEAD WIDTH:

Empty box

LATERAL

19.5 cm

POST LATERAL

14.8 cm

PPS: YES OR NO OR NE

YES

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

11.5 cm

18.0

C

8.0 cm

RIGHT FRONT FLIPPER WIDTH:

Empty box

SAMPLES COLLECTED:

PLASTRON LENGTH:

42.8 cm

WEIGHT:

~~55.5~~ #

~~43.9~~ 43.9

DESCRIPTIVE REMARKS:

red algae in mouth

166

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

Scoop Net
North

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 HUALALAI
PERSON RECORDING DATA: Meimei

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

[Empty table for old tags]

New:

RFL



4A391D2432

LFL



4A5C272D0E

STRAIGHT CARAPACE - LENGTH:

46.7 cm

WIDTH:

37.4 cm

NOTCH LENGTH:

46.7 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

50.5 cm

WIDTH:

43.5 cm

HEAD WIDTH:

— cm

LATERAL

19.6 cm

POST LATERAL

14.0 cm

PPS: YES OR NO OR NE

YES

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

9.5 cm

17.3

C

6.5 cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

38.5 cm

WEIGHT:

35.5 #

DESCRIPTIVE REMARKS:

[Empty box for descriptive remarks]

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7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

Scoop Net

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 HUALALAI, North

PERSON RECORDING DATA: meimei

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

Empty boxes for old tags

NEW TAGS

RFL

LFL



4A621E0F75



4B07415D11

STRAIGHT CARAPACE - LENGTH:

42.5 cm

WIDTH:

32.5 cm

NOTCH LENGTH:

41.9 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

46.0 cm

WIDTH:

40.0 cm

HEAD WIDTH:

Empty box

LATERAL

17.1 cm

POST LATERAL

12.6 cm

PPS: YES OR NO OR NE

NO

MIDLATERAL

15.6

C

6.0 cm

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

9.0 cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

34.8 cm

WEIGHT:

24.0 #

DESCRIPTIVE REMARKS:

• 5th central is divided into 1/3 and 2/3. (rds)
• red filaments in mouth

168

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8

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

Basking
North

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 HUALALAI North
PERSON RECORDING DATA: Meimei

TUMOR SCORE

0 LH

ORAL TMS EXT: RH

YES OR NO
-

EMACIATION CODE

0

OLD TAGS: (one)

470A726C2A
470A0E3800

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

52.1 cm

WIDTH: 42.8 cm

NOTCH LENGTH: 52.1 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

57.0 cm

WIDTH: 52.0 cm

HEAD WIDTH: cm

LATERAL 19.6 cm

POST LATERAL 14.4 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 9.5 cm

17.6

C 6.0 cm

RIGHT FRONT FLIPPER WIDTH: cm

cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 43.1 cm

WEIGHT: ~~42.5~~ #

42.5

DESCRIPTIVE REMARKS:

Flat PLASTRON

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

Basking

CAPTURE/DATE, LOCATION AND METHOD:

7/29/09	HUALALAI north
PERSON RECORDING DATA: meimei	

TUMOR SCORE

0

ORAL TMRS EXT: RH

—

EMACIATION CODE

1

OLD TAGS:

LH 470D094A00
RH 470C606D5F

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

45.7 cm

WIDTH:

38.7 cm

NOTCH LENGTH:

45.3 cm

DB:

0 L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

48.5 cm

WIDTH:

44.5 cm

HEAD WIDTH:

— cm

LATERAL

16.1 cm

POST LATERAL

11.6 cm

PPS: YES OR NO OR NE

NO

MIDLATERAL

14.0

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

10.0 cm

C

6.5 cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

36.2 cm

WEIGHT:

28.5 #

DESCRIPTIVE REMARKS:

170

Afternoon
After Lunch

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09	HUALALAI - KONA VILLAGE RESORT	BASK
PERSON RECORDING DATA: <i>Elizabeth J. Jern</i>		

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

NE	
RFL	4A2F444C4D
LFL	
	4A4018102F

STRAIGHT CARAPACE - LENGTH: cm

WIDTH: cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH: cm

WIDTH: cm

HEAD WIDTH: cm

LATERAL: cm

POST LATERAL: cm

PPS: YES OR NO OR NE

MIDLATERAL: cm

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

cm

RIGHT FRONT FLIPPER WIDTH: cm

SAMPLES COLLECTED:

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS: *Plastron Flat*

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SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 **HUALALAI** KONA Village
Resort **BASK**

PERSON RECORDING DATA: Elizabeth Jim*

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

1

OLD TAGS:

RFL
LFL

4A0E6F0A3E

4B0F662A7A

STRAIGHT CARAPACE - LENGTH:

54.9 cm

WIDTH: 45.0 cm

NOTCH LENGTH: 54.4 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

59.0 cm

WIDTH: 56.0 cm

HEAD WIDTH: 2 cm

LATERAL 19.3 cm

POST LATERAL 15.9 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T 13.0 cm

17.9

C 10.0 cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 43.5 cm

WEIGHT: 51.0 #

DESCRIPTIVE REMARKS:

--

192

BALAZS
Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

Bask HUALALAI
KONA Village
Resort

7/29/09 HUALALAI
PERSON RECORDING DATA: *Sinkca*

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

RFL

4A7A737869

LFL

4A17537020

STRAIGHT CARAPACE - LENGTH:

cm

WIDTH:

cm

NOTCH LENGTH:

cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:

cm

HEAD WIDTH:

cm

LATERAL cm

POST LATERAL cm

PPS: YES OR NO OR NE

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T

cm

cm

cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

cm

WEIGHT:

#

DESCRIPTIVE REMARKS:

flat plastron
6 centrals

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NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

Scoop Net
Erin's turtle

CAPTURE DATE, LOCATION AND METHOD:

7/29/09	HUALALAI	KONA VILLAGE RESORT
PERSON RECORDING DATA: Meimei		

TUMOR SCORE

0

ORAL TMSR EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

NEW TAGS:

RFL	
LFL	4A494F0B1C
	4A34202723

STRAIGHT CARAPACE - LENGTH:

48.7 cm

WIDTH: 39.0 cm

NOTCH LENGTH:

48.7 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

52.5 cm

WIDTH: 47.0 cm

HEAD WIDTH:

— cm

LATERAL: 17.6 cm

POST LATERAL: 12.3 cm

PPS: YES OR NO OR NE

—

MIDLATERAL

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

— cm

15.7

C — cm

RIGHT FRONT FLIPPER WIDTH:

— cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

— cm

WEIGHT:

32.0 #

DESCRIPTIVE REMARKS:

FLAT ~~PLASTRON~~
Posterior plastron missing and healed
posterior (about 4 in.)

174

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Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 Hualalai North
PERSON RECORDING DATA: Neimei

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

[Empty box for old tags]

NEW TAGS:

RFL: [Barcode]
LFL: 4A30274C2B
[Barcode]
4A0F1E2106

STRAIGHT CARAPACE - LENGTH:

36.8 cm

WIDTH: 30.1 cm

NOTCH LENGTH: 36.6 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

40.0 cm

WIDTH: 35.0 cm

HEAD WIDTH: [] cm

LATERAL: 14.9 cm

POST LATERAL: 10.3 cm

PPS: YES OR NO OR NE NO

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T 8.0 cm

13.6 cm

C 4.5 cm

RIGHT FRONT FLIPPER WIDTH: [] cm

PLASTRON LENGTH: 29.2 cm

WEIGHT: 17.0 #

DESCRIPTIVE REMARKS:

red algae in the mouth

SAMPLES COLLECTED:

[Empty box for samples collected]

175

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Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 Hualalai *Bask*
KONA VILLAGE RESORT
PERSON RECORDING DATA: Meimei

TUMOR SCORE:
ORAL TMRS EXT: YES OR NO:
EMACIATION CODE:

OLD TAGS:

NEW TAGS:
RFL:  4A131E7D2D
LFL:  4A2D0B3108

STRAIGHT CARAPACE - LENGTH: cm WIDTH: cm

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

CURVED CARAPACE LENGTH: cm WIDTH: cm

HEAD WIDTH: cm *LATERAL* cm *POST LATERAL* cm

PPS: YES OR NO OR NE: *MIDLATERAL* SEX: Male, Female or Undetermined:

TAIL LENGTH: T cm *15.2* C cm

RIGHT FRONT FLIPPER WIDTH: cm SAMPLES COLLECTED:

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS:

196

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Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

7/29/09 Hualalai *Scoop net*
 PERSON RECORDING DATA: Meimei *KONA VILLAGE RESORT*

TUMOR SCORE

RH

ORAL TMRS EXT: YES OR NO

EMACIATION CODE

1

OLD TAGS:

470 A022063
 470 C456D50

NEW TAGS:

RFL
 LFL

STRAIGHT CARAPACE - LENGTH:

57.0 cm

WIDTH:

49.3 cm

NOTCH LENGTH:

57.0 cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

62.0 cm

WIDTH:

57.0 cm

HEAD WIDTH:

LATERAL 21.0 cm

POST LATERAL 14.9 cm

PFS: YES OR NO OR NE

YES

MIDLATERAL

SEX: Male, Female or Undetermined

TAIL LENGTH: T

12.0 cm

18.3 cm

C

7.5 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH:

46.8 cm

WEIGHT:

55.0 #

DESCRIPTIVE REMARKS:

171

BALAZS
Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

END

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

Scoop net

CAPTURE DATE, LOCATION AND METHOD:

7/29/09	Hualalai	KONA Village
PERSON RECORDING DATA: Meimei		Resort

TUMOR SCORE <input type="checkbox"/> 0	OLD TAGS:	NEW TAGS:
ORAL TMRS EXT: YES OR NO <input type="checkbox"/> —		RFL: 4B12597571
EMACIATION CODE <input type="checkbox"/> E		LFL: 4A36295404

STRAIGHT CARAPACE - LENGTH: cm WIDTH: cm

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

CURVED CARAPACE LENGTH: cm WIDTH: cm

HEAD WIDTH: cm LATERAL: cm POST LATERAL: cm

PPS: YES OR NO OR NE YES MIDLATERAL SEX: Male, Female or Undetermined U

TAIL LENGTH: T cm C cm

RIGHT FRONT FLIPPER WIDTH: cm SAMPLES COLLECTED:

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS:

FLAT

178

Revised 08/21/07

NOAA Fisheries
Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

[Empty box for capture date, location and method]

PERSON RECORDING DATA:

TUMOR SCORE	OLD TAGS:	NEW TAGS:
<input type="text"/>	<input type="text"/>	RHF <input type="text"/>
ORAL TMRS EXT: YES OR NO	<input type="text"/>	LHF <input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
EMACIATION CODE	<input type="text"/>	<input type="text"/>
<input type="text"/>	MT#	<input type="text"/>

STRAIGHT CARAPACE - LENGTH: cm WIDTH: cm

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

CURVED CARAPACE LENGTH: cm WIDTH: cm

HEAD WIDTH: cm LATERAL1: cm LATERAL2: cm

PPS: YES OR NO OR NE LATERAL3: cm SEX: Male, Female or Undetermined

TAIL LENGTH: T cm C cm

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT: #

SAMPLES COLLECTED:

DESCRIPTIVE REMARKS:

KONA

On the west coast of the Big Island, the districts of **North and South Kona** deserve several days of exploration. Once the capital of the Hawaiian Kingdom, the Kona region is rich in history. It's also famous for its mild climate, sunny beaches, water activities, stunning sunsets and prime real estate. The town of Kailua-Kona, as well as the entire area from the airport to Keauhou, are often referred to simply as Kona.

Romantic Kailua-Kona is the shining jewel of the area and its main thoroughfare is Alii Drive. Starting at **Kailua Pier** (7 on Map 1-A, D-3), Alii Drive follows the shoreline and offers the perfect strolling road. Shaded by giant banyan trees and lined with shops and restaurants, a good place to begin is at the pier, overlooking **Ahuena Heiau** (5 on Map 1-A, D-2). This ancient Hawaiian temple faces Kamakahonu (literally "eye of the tur-

tle"), a small, sandy stretch of beach where King Kamehameha the Great maintained his royal residence until his death in 1819. Nearby, **Mokuaikaua Church** (10 on Map 1-A, C-3) is the oldest Christian church in Hawaii, built by missionaries in 1820.



Across the street is **Hulihee Palace** (9 on Map 1-A, D-3) (329-1877; www.daughter-sofhawaii.org), the home built in 1838 as the vacation residence of Hawaiian royalty. This National Historic Site is now a gracious museum filled with beautiful furnishings and Hawaiian artifacts. Open dai-

ly: weekdays from 9 a.m. to 4 p.m.; Saturday and Sunday from 10 a.m. to 4 p.m. Admission is charged.

Dining in Kona offers a wealth of choices:

Baskin-Robbins, Lanihau Center (8 on Map 1-A, B-3) (329-5144). Located at 75-5595 Palani Road, A-6, next to KFC. The finest ice cream delights, with 31 wonderful



Honu (sea turtle)

NUIN Book

CAUSE OF STRANDING DATABASE FOR MARINE TURTLE STRANDINGS
BOAT STRIKE RELATED CASES IN THE HONOKOHAU REGION OF THE ISLAND OF HAWAII, 1982 - JULY 2006, (N=3)

Marine Turtle Research Program
Pacific Islands Fisheries Science Center
NOAA, National Marine Fisheries Service
2570 Dole Street
Honolulu, Hawaii 96822-2396

YEAR	MONTH	SEX	SCL (mm)	WT (g)	ISLAND	LOCATION	CAUSE OF STRANDING	TS	SP	UNK, A, D, D-EU	NEC
2000	September	U	-	-	HAWA	Kailua-Kona Bay	Boat impact	UNK	CM	D	NN
2002	November	F	524	12927	HAWA	Kaloko-Honokohau Natl. Hist. Pk. (Aiopio Pond)	Boat impact	0	CM	D-EU	TW
2005	June	F	630	30708	HAWA	Kona (Holualoa Bay)	Boat impact/Vascular fluke infection	0	CM	D	TW

N= 3

185

CAPTURE DATE, LOCATION AND METHOD:

3/15/06 KEAWANUI

NET Capture

PERSON RECORDING DATA: Amber

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

(RHF) 46020F6611

(LHF) 411C656741

K758; K759

K757; K756

NEW TAGS:

RHF

LHF

MT#

STRAIGHT CARAPACE - LENGTH:

56.1 cm

WIDTH:

—

NOTCH LENGTH:

55.9 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

59.5 cm

WIDTH:

—

HEAD WIDTH:

9.0 cm

AXIAL:

22.1 cm

LATERAL:

22.2

PPS: YES OR NO OR NE

Y

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

13.0 cm

C

8.0 cm

RIGHT FRONT FLIPPER WIDTH:

—

PLASTRON LENGTH:

47.4 cm

WEIGHT:

53.6 #

DESCRIPTIVE REMARKS:

release A few weeks later by LAURA AND THOMAS

SAMPLES COLLECTED

Blood (2)

TO BOB MORRIS

GLUCOSE:

GB

MR

TRANSFERRED TO POND BY CANOE HOUSE for short term growth study involving diet of nutritionally complete pellets. 1 meter² float retained will be put in pond to hold floating pellets.

USEFUL INFORMATION

MULTIPLICATION TABLE

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

CONVERSION TABLE

METERS	YARDS	INCHES
1.000	1.093	39.37
.914	1.000	36.00

CENTIMETERS	INCHES	FEET
1.00	.394	.0328
2.54	1.000	1/12
30.48	12.000	1.000

KILOMETERS	MILES
1.000	.621
1.609	1.000

GRAMS	OUNCES	POUNDS
1.00	.035	.002
28.35	1.000	1/16
453.59	16.000	1.000
1,000.00	35.274	2.205

KILOGRAMS	OUNCES	POUNDS
1.000	35.274	2.205
.028	1.000	1/16
.454	16.000	1.000

LITERS	PINTS	QUARTS	GAL.
1.000	2.113	1.057	.264
.473	1.000	1/2	1/8
.946	2.000	1.000	1/4
3.785	8.000	4.000	1.000

LENGTH		
1 meter (m)	= 100 cm	= 1,000 mm
1 millimeter (mm)	=	.001 m
1 centimeter (cm)	=	.01 m
1 decimeter (dm)	=	.1 m
1 decameter (dkm)	=	10 m
1 hectometer (hm)	=	100 m
1 kilometer (km)	=	1,000 m

CAPACITY		
1 liter (l)	= 100 cl	= 1,000 ml
1 milliliter (ml)	=	.001 l
1 centiliter (cl)	=	.01 l
1 deciliter (dl)	=	.1 l
1 decaliter (dkl)	=	10 l
1 hectoliter (hl)	=	100 l
1 kiloliter (kl)	=	1,000 l

WEIGHT		
1 gram (g)	= 100 cg	= 1,000 mg
1 milligram (mg)	=	.001 g
1 centigram (cg)	=	.01 g
1 decigram (dg)	=	.1 g
1 decagram (dkg)	=	10 g
1 hectogram (hg)	=	100 g
1 kilogram (kg)	=	1,000 g

Table of Time Measure

60 seconds = 1 minutes
 60 minutes = 1 hour
 24 hours = 1 day
 7 days = 1 week
 30 days = 1 calendar month
 12 months = 1 year
 365 days = 1 common year
 366 days = 1 leap year
 100 years = 1 century

Table of Dry Measure

2 pints (pt.) = 1 quart (qt.)
 8 quarts = 1 peck (pk.)
 4 peck = 1 bushel (bu.)
 1 cord = 128 cu. ft.

Table of Liquid Measure

4 gills (gl.) = 1 pint (pt.)
 2 pints = 1 quart (qt.)
 4 quarts = 1 gallon (gal.)
 31 1/2 gallons = 1 barrel (bbl.)
 2 barrels = hogshead (hhd.)

Table of Paper Measure

24 sheets = 1 quire
 20 quires = 1 ream
 10 ream = 1 bale

Table of Linear Measure

12 inches = 1 foot
 3 feet = 1 yard
 16-1/2 ft. (5-1/2 yds.) = 1 rod
 660 feet = 1 furlong
 320 rods (5280 ft.) = 1 mile

Miscellaneous Measures

12 units = 1 dozen
 12 doz. = 1 gross
 12 gr. = 1 great gross
 20 units = 1 score
 1 hand = 4 inches
 1 fathom = 6 feet
 1 knot = 6086 feet
 3 knots = 1 league
 1 bu. potatoes = 60 lbs.
 1 barrel flour = 196 lbs.
 1 cu. ft. of water = 7.48 liquid gals.
 and weighs 62.425 lbs
 Diameter of circle x 3.1416 = circumference
 Diameter of circle square x .7854 = area
 Atmospheric pressure is 14.7 lbs. per sq. in. at sea level.
 13-1/2 cu. ft. of air weighs 1 lb.

Table of the Cubic Measure

1728 cubic inches = 1 cubic foot
 27 cubic feet = 1 cubic yard
 128 cubic feet = 1 cord of wood
 24 3/4 cubic feet = 1 perch of stone
 NOTE: A cord of wood is a pile 8 feet long, 4 feet wide, and 4 feet high.
 A perch of stone or brick is 16.5 feet long, 1-1/2 feet wide, and 1 foot high.

Table of Avoirdupois Weight

16 drams = 1 ounce (oz.)
 16 ounces = 1 pound (lb.)
 100 pounds = 1 hundred-weight (cwt.)
 2000 pounds = 1 ton (T.)
 2240 pounds = 1 long ton (L.T.)

Table of Troy Weight

24 grains (gr.) = 1 penny-weight (dwt)
 20 penny-weights = 1 ounce (oz.)
 12 ounces = 1 pound (lb.)

Table of Circular Measure

60 seconds (") = 1 minute (')

60 minutes = 1 degree (°)

360 degrees = 1 circumference

A degree of the earth's surface or a meridian = 69.16 miles at the equator.

Table of Apothecaries' Weight

20 grains (gr.) = 1 scruple
 3 scruples = 1 dram
 8 drams = 1 ounce
 12 ounces = 1 pound (lb.)

Table of Surface Measures

144 sq. in. = 1 sq. ft.
 9 sq. ft. = 1 sq. yd.
 30 1/4 sq. yds. = 1 sq. rod
 160 sq. rods = 1 acre
 640 acres = 1 sq. mile

An acre measures 208.71 ft. on each side.
 A section of land is 1 sq. mile.
 A quarter section is 160 acres.
 A township is 36 sq. miles.

Students vital to turtle research on Big Isle

The field hands assist scientists studying the threatened Hawaiian sea creature

BY LEILANI S. HINO

Special to the Star-Bulletin

KOHALA COAST, Hawaii — During his high school years, Scott Lindsey spent many hours observing green sea turtles along Kiholo Bay.

When he graduated from Hawaii Preparatory Academy last year, he took with him an interest in environmental issues, spurred by his fieldwork.

"To actually catch turtles, to actually handle them, be there when they're measured and weighed — it's valuable hands-on experience you can't get any other way," said Lindsey, now a University of Texas computer engineering student who has returned to help with the turtle research this summer.

Since 1987, he and other students at the private school have helped scientists study the threatened Hawaiian green sea turtle, which has suffered from mysterious viruses, marine debris dumped by humans and destruction of nesting sites.

Each year, 60 students in grades eight to 12 sign up for the National Marine

Fisheries Service Cooperative Sea Turtle Research Program, said assistant headmaster Marc Rice.

"It got me into understanding the behavior of sea animals," said Lindsey. "And it definitely made me look at the ocean and wildlife management in a totally different way."

The students work under the supervision of George Balazs, zoologist with the National Marine Fisheries Service.

Balazs, leader of the Honolulu Laboratory Marine Turtle Research Program, has conducted long-term studies of green sea turtles in nearshore waters for more than two decades.

His studies chronicle growth rates, food sources, habitat use, developmental and reproductive migrations, underwater behaviors, health status and population trends of the creatures.

Kiholo Bay, on the Kohala Coast of the Big Island, is one area of focus. And the students serve as field assistants on his West Hawaii data collection expeditions.

"These young people have been instrumental in helping our agency make major advances in the knowledge of sea turtles residing in coastal waters of the

Big Island," he said. "I couldn't function without them."

The students help Balazs capture, measure and tag sea turtles at Honaunau, Kahaluu, Kiholo, Mauna Lani and Puako.

The students hand-capture turtles by snorkeling at night or by using large-mesh tangle nets carefully tended to prevent injury, Balazs said.

A recent research project involved spending 600 hours, both during the day and night, tracking 10 turtles at Kiholo Bay.

Rice said the fieldwork and hands-on experience help students understand the importance of data collection.

Beyond academic benefits, students gain on-the-job experience in teamwork and self-esteem. "When you've got 15 or 20 people going on an overnight field trip, a lot of logistics and planning go into it," Rice said.

And the students learn about themselves.

"It takes something to jump in the water when it's pitch black at night — a moment of self-evaluation, learning you can do things you never knew you could. It helps build self-esteem."