

BALAZS

Mead

COMPOSITION

KANEHOE BAY / WAIKIKI

LIBRARY OF

WALTER D. BALAZS

1991

100 sheets • (200 pages)

9 3/4 x 7 1/2 in / 24.7 x 19.0 cm

wide ruled • 09910



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KANEHOE WAIKIKI

3 OF 3



HONOLULU LABORATORY
Southwest Fisheries Center
2570 Dole Street
Honolulu, HI 96822-2396



43100 09910

This turtle
Nikonos
photos w/5ve

Recap from
8/24/90 AOL
SL = 40.7

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

8/27/91

Both tags fouled w/ Barn.
(crushed out)
AOL
TO Remove
Barns
10:30 am

PERSON RECORDING DATA:

RM

OLD TAGS:

RFL N 374

NEW TAGS:

RFL

TUMOR
SCORE

LFL N 375

LFL

OTHER
NEW
TAGS:

V 383 - RH

TAG LOSS -
2218 NOT present!

STRAIGHT CARAPACE-LENGTH:

43.3

WIDTH:

34.0

NOTCH LENGTH:

42.5

CURVED CARAPACE LENGTH:

46.0

WIDTH:

39.0

HEAD WIDTH:

SEX: MALE, FEMALE OR
UNDETERMINED

TAIL LENGTH: T

C

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH:

35.6

WEIGHT:

28 lbs.

LARGEST

DESCRIPTIVE REMARKS:

17 DB - (3.1, 3.1, 3.0, 2.9, 2.4) - all Barns

75 VB (2.2, 2.4, 2.5) Halophila in mouth - all left on

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

Halophia in mouth

8-27-91 AOL 10:30 am

PERSON RECORDING DATA:

RM

OLD TAGS:

Empty boxes for old tags

NEW TAGS: RFL

V99

LFL

V100

TUMOR SCORE

Empty box for tumor score

OTHER NEW TAGS:

Empty boxes for other new tags

STRAIGHT CARAPACE-LENGTH:

41.3

WIDTH:

34.1

NOTCH LENGTH:

40.9

CURVED CARAPACE LENGTH:

43.5

WIDTH:

38.5

HEAD WIDTH:

Empty box for head width

SEX: MALE, FEMALE OR UNDETERMINED

Empty box for sex

TAIL LENGTH:

Empty box for tail length T

C

Empty box for tail length C

RIGHT FRONT FLIPPER WIDTH:

Empty box for right front flipper width

SAMPLES COLLECTED:

PLASTRON LENGTH:

Empty box for plastron length

WEIGHT:

Empty box for weight

:.16 left

DESCRIPTIVE REMARKS:

18 DB - removed 2 Barn^{DB} for Curve

29 VB (all Barn. left on)

NOTE: A BARN COUNTS means all removed unless said otherwise

3

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

8-27-91 AOL

4-29-91
AOL Recg
SL 42.6

PERSON RECORDING DATA:

RM

OLD TAGS:

RFL N859
LFL N860

NEW TAGS:

RFL

~~N855~~

LFL

~~N854~~

TUMOR SCORE

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH:

43.0

WIDTH:

34.4

NOTCH LENGTH:

42.4

CURVED CARAPACE LENGTH:

45.5

WIDTH:

41.0

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH:

T

C

SAMPLES COLLECTED

RIGHT FRONT FLIPPER WIDTH:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

Faint handwritten notes at the bottom of the page.

4

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

8-27-91

AOL

PERSON RECORDING DATA:

Rm

OLD TAGS:

NEW TAGS: RFL

V376

LFL

V377

TUMOR SCORE

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH:

36.7

WIDTH:

29.8

NOTCH LENGTH:

36.3

CURVED CARAPACE LENGTH:

39.0

WIDTH:

35.5

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH:

T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED:

PLASTRON LENGTH:

WEIGHT:

DESCRIPTIVE REMARKS:

PCA

IDB, IVB

Halophila in mouth

148

SEA TURTLE TAGGING FORM

PCA

CAPTURE DATE, LOCATION AND METHOD:

Halophila in mouth

5

8-27-91

AOL

PERSON RECORDING DATA:

RM

OLD TAGS:

Empty boxes for old tags

NEW TAGS: RFL

V378

LFL

V379

TUMOR SCORE

Empty box for tumor score

OTHER NEW TAGS:

Empty boxes for other new tags

STRAIGHT CARAPACE-LENGTH:

38.7

WIDTH:

31.5

NOTCH LENGTH:

38.1

CURVED CARAPACE LENGTH:

41.0

WIDTH:

36.0

HEAD WIDTH:

Empty box for head width

SEX: MALE, FEMALE OR UNDETERMINED

Empty box for sex

TAIL LENGTH: T

Empty box for tail length T

C

Empty box for tail length C

RIGHT FRONT FLIPPER WIDTH:

Empty box for RFF width

SAMPLES COLLECTED

Empty box for samples collected

PLASTRON LENGTH:

Empty box for plastron length

WEIGHT:

Empty box for weight

Empty boxes for additional data

DESCRIPTIVE REMARKS:

SSDB, 1/4 RFF missing & healed (irregular amp.)
19XB (ALL Left on)

Karl - please add to this form.

6

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

8-27-91 AOL (circled) SL50.0 (circled)
6-25-91 AOL RECAP (circled)

PERSON RECORDING DATA: RM

OLD TAGS:

RFL V50-LFL
LFL RFL V49
RH V51

NEW TAGS:

RFL
LFL

TUMOR SCORE

1

OTHER NEW TAGS:

STRAIGHT CARAPACE-LENGTH:

50.8

WIDTH:

38.9

NOTCH LENGTH:

50.5

CURVED CARAPACE LENGTH:

54.0

WIDTH:

47.5

HEAD WIDTH:

[]

SEX: MALE, FEMALE OR UNDETERMINED

[]

TAIL LENGTH:

T []

C []

RIGHT FRONT FLIPPER WIDTH:

[]

SAMPLES COLLECTED:

[]

PLASTRON LENGTH:

[]

[]

WEIGHT:

[]

[] [] []

DESCRIPTIVE REMARKS:

2 VB 7DB-(3.2, 3.2, 2.4, 3.6, 3.2, 2.3, 1.5)

TMR= 1#1 in left eye all left on

Inv 8/27/91
(7)

10020 to 10025
bbs 899
10020 to 10025

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

RH - healed V-slit

8-27-91	AOK	Halophila in mouth
PERSON RECORDING DATA: RM		

OLD TAGS:

TUMOR SCORE

--

NEW TAGS: RFL

V380

LFL

V381

OTHER NEW TAGS:

RH V382

STRAIGHT CARAPACE-LENGTH:

43.6

WIDTH:

34.9

NOTCH LENGTH:

43.3

CURVED CARAPACE LENGTH:

46.0

WIDTH:

40.1

HEAD WIDTH:

--

SEX: MALE, FEMALE OR UNDETERMINED

--

TAIL LENGTH: T

--

 C

--

RIGHT FRONT FLIPPER WIDTH:

--

PLASTRON LENGTH:

--

WEIGHT:

--

SAMPLES COLLECTED:

DESCRIPTIVE REMARKS: 2DV, 2VB

P.151

PCA

1 left on

9-17-91 (TUES)

①

SEA TURTLE TAGGING FORM

1:30 pm

9

CAPTURE DATE, LOCATION AND METHOD:

Inside KAPAPA Island - Boat dive
9-17-91

PERSON RECORDING DATA:

RM

Temp. 27.5C

OLD TAGS:

Empty boxes for old tags

NEW TAGS:

RFL

V384

LFL

V385

TUMOR SCORE

Empty box for tumor score

OTHER NEW TAGS:

RH V386

STRAIGHT CARAPACE-LENGTH:

39.6

WIDTH:

32.6

NOTCH LENGTH:

38.9

CURVED CARAPACE LENGTH:

42.5

WIDTH:

37.0

HEAD WIDTH:

6.6

SEX: MALE, FEMALE OR UNDETERMINED

U

TAIL LENGTH: T

7.5

C

5.5

RIGHT FRONT FLIPPER WIDTH:

7.3

SAMPLES COLLECTED:

PLASTRON LENGTH:

31.4

HIND Flipper

WEIGHT:

—

Tracings

made

DESCRIPTIVE REMARKS:

PCA

IVB - 2.2cm (not a new recruit)

152

2

9-17-91

TUES.

END

SEA TURTLE TAGGING FORM

CAPTURE DATE, LOCATION AND METHOD:

9-17-91 Mark Reef - detached coral head just East of Mark Reef

PERSON RECORDING DATA:

RM

Journing/Shortel

OLD TAGS:

RFL-Y78

NEW TAGS: RFL

LFL

V387

TUMOR SCORE

0

OTHER NEW TAGS:

RH V388

2/22/89 = SL 41.4 cm (ADL)

STRAIGHT CARAPACE-LENGTH:

43.2

WIDTH:

33.9

NOTCH LENGTH:

42.9

2/22/89 = CL 44.5 cm

CURVED CARAPACE LENGTH:

46.0

WIDTH:

41.0

HEAD WIDTH:

6.8

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T

C

RIGHT FRONT FLIPPER WIDTH:

SAMPLES COLLECTED

PLASTRON LENGTH:

34.2

AOL
2/22/89

WEIGHT:

No tag had been placed L3-4

DESCRIPTIVE REMARKS:

PCA 2VB - 1.8^{cm}, 2.3^{cm} (left on)
L3-4 - possible scar from tag loss

from p. 142
KAPAPA ISLAND

9/17/91 in shallow water by coral heads.
5-8 small turtles seen. 1 captured.
Found 2 adjacent small, smoothed off
coral heads with 3 turtles' being picked
by fishes.

Used larger diameter yachtman's
brail for Russ to Tow me all over,
including back to Mark Reef where
a turtle was caught.

9/19 > 7:30pm night dive - Mark Reef w/ Scott Sullivan and MAEK Tunko.
I saw 14! most large. 3-4 w/tumors.

DATA

See p. 126

127

128

NOT TAGGED

9/20/91

FRIDAY AGUIRRE, FINN, BALAZS, Beth

to Mark Reef - 10:32am. Tide fairly
high - very turbid water. Several seen surfacing. MF
and I searched area - turtles seen, but only one
captured (clean). Proceeded to A.D.L., where
I captured 3 turtles - 1 clean new, 2 true (new recap).
The latter recap was large and showed 2 prop slashes
in carapace. This turtle held in HUMB tank
over the weekend.

SEA TURTLE TAGGING FORM

Track #8

CAPTURE DATE, LOCATION AND METHOD:

9-24-91 AOL - jumpy

PERSON RECORDING DATA: RM

OLD TAGS: RFL	V 46	NEW TAGS: RFL	
LFL	V 47	LFL	
TUMOR SCORE	LH V48	OTHER NEW TAGS:	
0			

STRAIGHT CARAPACE-LENGTH: ~~42.7~~ 43.4 WIDTH: 34.5

NOTCH LENGTH: ~~42.7~~ 43.4

CURVED CARAPACE LENGTH: 46.5 WIDTH: 41.5

HEAD WIDTH:

SEX: MALE, FEMALE OR UNDETERMINED

TAIL LENGTH: T C

RIGHT FRONT FLIPPER WIDTH: SAMPLES COLLECTED:

PLASTRON LENGTH: 35.4

WEIGHT: 27 lbs.

DESCRIPTIVE REMARKS:

all removed { 23 DB ~~left on~~ - kept or saved in blue dive bag
 { 10 VB - saved in zip lock bag
 recapture - ^{from} V46 - June 91 AOL, SL 42.0 +1.4

TAGS V438 RFL AOL 9/24/91

V439 RFL Score = 0

S 40.8 X 33.6

N 39.5

C 42 X 39

PL 32.2

• Wt. 21 lbs

VB = 3 Small

PCA

AA91013

Released in HAMB lagoon

Tags V99 V100 AOL 9/24/91

Score = 0

S 41.6 X 34.5

N 41.0

C 44.0 X 39.0

Recapture
from 8/27/91
AOL

PL 33.2

Wt. 23

32 VB

16 VB

PCA

AA91014

released in HAMB lagoon

Tags V440 V441 AOL 9/24/91
Score = 0

S 37.4 33.1

N 36.9

C 40.0 38.5

PL. 29.4

WT. 171bs

released in
HIMB lagoon

Crescent piece ^{out} of RH

4=DB

3VB

AA 9/015

2-6mm ^{Shoulder} Skin Biopsies

Fecal
loop

Tags V442 LH, V443 LFL V444 RF

S 54.0

C 58.0 X 52.5

PL. 438

WT. 48

N 53.7 cm

AOL

LH-1-#2

neck 1-#2

Eye 1-#2

Reg 1-#1

DB = 16

VB = 9

Score = 2

released in
HIMB lagoon

^{Shoulder}
1-6mm skin biopsy to base

AA 9/016

9/24/91

Tags $\sqrt{349}$ $\sqrt{350}$ 9/24/91 (Recap from 6/89)
 S 52.8 x 44.2 AOL
 N 52.8 released in HUMB lagoon
 C 58.0 x 53.0
 PL 42.6
 WT. 45.165 AA91017

New added $\sqrt{445}$ RH Score = 0
 lesion in left corner with.

DB 3.0 2.8 (left on) rest smaller
 VB = 8 + 2 (on ventral) VB \rightarrow 3.8, 3.5, 2.2, 1.1,

Tags $\sqrt{836}$ $\sqrt{35}$ (R2-3) $\sqrt{42}$ RH AOL
 S 40.7 x 34.5 (Recapture from 5/18/90 and 6/25/91 - both AOL)
 N 40.3 Score = 0
 PL 33.4 released in HUMB lagoon
 WT. 22165
 C 43.5 x 40.5

VB = 7
 1.7 largest + 0.8 0.7 0.6

AA91018

1/24/91

1
 Tags 1909 RFL 284 LFL (LH V444) new SL38.3
 S 38.8 x 32.2
 N 38.3
 C 41 x 36.5 AOL
 PL 31.0
 WT. 17 lbs

9/24/91 released in HIMB lagoon
 AA 910019

Tags V447^{LFL} V448^{RFL} - V449
 9/24/91 S 44.8 x 35.9 AOL
 N 44.2
 C 48 x 42
 PL 36.3
 WT. 30 AA 91020

CA 49DB
 5 VB

released in HIMB lagoon

Tags

V450^{LFL} V451^{RFL} V452 LH

9/24/91

X
sept

S 47.0 x 38.9

2.38 x AOL

N

C 50.5 x 46.0

0.04 x 2.44

PL

WT.

0 = score

Score = 0

15 DB, 15 VB
ALL left on

released in HMB
lagoon

Tags

V453^{LFL} V454^{RFL} V455 LH

AOL

S 46.6 x 36.8

N

C 50.0 x 43.5

PL

WT.

Score = 0

released in
HMB lagoon

9/24/91

11 DB, 17 VB

All left on

Tags^X

V456 L^{FL}, V457 R^{FL}, V458 RH

S

41.9 x 33.8

AOL

N

C

44.5 x 40.0

PL

WT.

Score = 0

9/24/91

8 DB 52 VB

All left on

~~Score~~

released in
HIMB lagoon.

S

39.4 x 31.9

N

released in (AOL)
HIMB lagoon

C

42.0 x 37.5

9/24/91

3 DB

All left on

Score = 0

TAGS

V459 L^{FL}, V460 R^{FL}, V461 RH

Suspicious growth in corner of
right eye.

9124/91

LH

SL = 37.4 cm

V400, V401

see p 63

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE	1	1				
LT. EYE	1	1				
MOUTH						
NECK	2	4				
RFF						
LFF		8				
RHF	3	4				
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

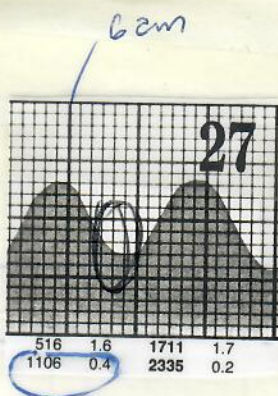
N400
N507
V437

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter. #2 = >1cm to 4cm.
#3 = >4cm to 10cm. #4 = >10cm.

TUMOR SCORE:

26.5°C August 27, 1991
TUESDAY



GB, Sve Geermons
& Russ Miya

7:45 am Mark Reef -
Many heads seen popping up.
Silty H₂O, poor visibility.
2 captures -

TO AOL - Boat Dive -

Many turtles feeding -
Caught 7 - missed ~ 5.

Data 145-151

121 11/11/11

11/11/11

2L = 3d.p

RH
FH

SL = 75
27/10/11

LH

606 x

38.8

RH

Follow John
Get letters out
of office

LH

11/11/11

11/11

9/17/91

inside KAPAPA IS.

SL = 39.6

RR

√384

SL = 39.6

√384

LH

↑ where
scales
turn into
yellow skin

← head of
female

SL=
37.0 cm

LH

V28
R00
80

LOCATION, SIZE, AND NUMBER OF TUMORS

6-7-91

	#1	#2	#3	#4	Total	Remarks
RT. EYE	2					
LT. EYE	1	1	1			
MOUTH		1				left jaw hinge
NECK	2					
RFF		1				
LFF	1					
RHF	1					
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total	7	3	1			

OTHER INFORMATION:

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.

#3 = >4cm to 10cm.

#2 = >1cm to 4cm.

#4 = >10cm.

TUMOR SCORE:

2

RFL V52 P.103
LFL V53

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE		2				
LT. EYE		3				
MOUTH		2				corner of both jaw hinges
NECK	2	6	1			
RFF		1				
LFF	2	7	1			
RHF		1	2			
LHF	1	5	3			
CLOACA/TAIL		3				
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

6-25-91 AOK - jump

Approximate Tumor Size Categories:
 #1 = detectable patch to 1cm diameter. #2 = >1cm to 4cm.
 #3 = >4cm to 10cm. #4 = >10cm.

TUMOR SCORE: 3

1174

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE	2					
LT. EYE	1	1				
MOUTH	3		1			st. jaw (external) 1-#3
NECK	1	3				
RFF		3	2			
LFF		2	1			
RHF						
LHF		1				
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

6-25-91 AOL

R 3-4 V55

L 3-4 V54

RH V56

p. 104

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.

#2 = >1cm to 4cm.

#3 = >4cm to 10cm.

#4 = >10cm.

TUMOR SCORE:

3

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE	1	2				ridge extend. length of dorsal eye lid.
LT. EYE	1	1				
MOUTH	L/R 3	L/R 2			(+)	* Jaw Hinges #2 Tongue (7 total)
NECK						
RFF		2				
LFF			1			Multi lobed
RHF	1					
LHF	1	2	1			
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

MARK REEF - 7/22/91

PCA

See p. 108

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.

#2 = >1cm to 4cm.

#3 = >4cm to 10cm.

#4 = >10cm.

TUMOR SCORE:

2

1118

Pg. 112

LOCATION, SIZE, AND NUMBER OF TUMORS

V80,81

	#1	#2	#3	#4	Total	Remarks
RT. EYE	0	1				
LT. EYE	2					
MOUTH						
NECK			2			multi-lobed partially connected
RFF	* 1	* 1	1			* ruptured open ulcerated
LFF			1			
RHF	1					
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

BB - Foremargin FF
 * 1 Big tumor possibly came off.
 Emaciated
 LFF Claw 2cm wound

7/30/91

Approximate Tumor Size Categories:

- #1 = detectable patch to 1cm diameter.
- #2 = >1cm to 4cm.
- #3 = >4cm to 10cm.
- #4 = >10cm.

TUMOR SCORE:

3

177

LOCATION, SIZE, AND NUMBER OF TUMORS

P. 92

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

OTHER INFORMATION:

V82/V83 7/30/91

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.

#2 = >1cm to 4cm.

#3 = >4cm to 10cm.

#4 = >10cm.

279

TUMOR SCORE:

3

P.180

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE	1	1			2	totally blocking eye
LT. EYE	1				1	
MOUTH		2				R jaw hinge & gbitis
NECK		1			1	
RFF	2	1	1		4	
LFF	1	1	1	1	2	
RHF						
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL		1				1
Total						

OTHER INFORMATION:

V84/V85 7/30/91

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.
#3 = >4cm to 10cm.

#2 = >1cm to 4cm.
#4 = >10cm.

TUMOR SCORE:

3

P.180

ceef. 128

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE		1				Ringed
LT. EYE		1				Ringed
MOUTH		2				Both Jaw Hinged
NECK	3	2				
RFF		4	1			
LFF	1	4	1			
RHF		3				
LHF	1					
CLOACA/TAIL		5				
SEAMS/SCUTES		1				Plastron
INTERNAL						
Total						

OTHER INFORMATION:

Ozobranchius &
leeches &
leech eggs

AA 91-003

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.
#3 = >4cm to 10cm.

#2 = >1cm to 4cm.
#4 = >10cm.

TUMOR SCORE:

3

6-4-91
MARK Reef

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE		1				Both eyes nearly totally covered
LT. EYE		2				
MOUTH		1				LFT. JAW
NECK		10				many multi-lobed
RFF	3	8	3			
LFF	1	5	4			
RHF						
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

~~3~~ 271
Y886
Y887

leeches & small patches of eggs
barnacles taken off blue tags,
but all others left on.

See p. 88 for other data

Approximate Tumor Size Categories:

- #1 = detectable patch to 1cm diameter.
- #2 = >1cm to 4cm.
- #3 = >4cm to 10cm.
- #4 = >10cm.

TUMOR SCORE: 4

189

MARK Reef

TURF TRACK #1

6-4-91
9:30 AM

LOCATION, SIZE, AND NUMBER OF TUMORS

RT. EYE

LT. EYE

MOUTH

NECK

RFF

LFF

RHF

LHF

CLOACA/TAIL

SEAMS/SCUTES

INTERNAL

Total

	#1	#2	#3	#4	Total	Remarks
RT. EYE	1	1				
LT. EYE		1				
MOUTH	1		1			RT. JAW #3 LFT. JAW #1
NECK	3	4				
RFF	4	5				
LFF	2	1	1			
RHF	1	1				
LHF	1					
CLOACA/TAIL	2					
SEAMS/SCUTES						
INTERNAL						
Total						

OTHER INFORMATION:

Z 63
Y 875

NOTE: NO VB or
DB barcodes.

See p. 84 for other data.

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter.
#3 = >4cm to 10cm.

#2 = >1cm to 4cm.
#4 = >10cm.

TUMOR SCORE:

3

6-25-91

Release

Mark Reef

SEA TURTLE NECROPSY/TUNOR FORM

DATE: 6/25/91 STRANDING ID, DATE AND LOCATION:

Call from

NOREEN Haleiwa Harbor Master 6-7-91
Haleiwa 61-749 Papailoa St. 1150

PERSON RECORDING DATA: KGB Picked up by Jim Sorenson

DESCRIPTIVE REMARKS: 'Noise'
• ~~Weak~~, ~~DIFFICULTY~~ IN BREATHING
• Moderately ~~SEVERELY~~ EMACIATED
• (1) notch each @ 11-12 L+R marg. scute
• Heavy SKin Barnacles

TAGS: V33 -LFL
V34 R3-4

SEX: MALE, FEMALE OR UNDETERMINED U

STRAIGHT CARAPACE-LENGTH: 59.1 WIDTH: 46.8

NOTCH LENGTH: 58.4 - Chipped

CURVED CARAPACE LENGTH: 630 WIDTH: 58.0

HEAD WIDTH: 9.5

TAIL LENGTH: T [] c []

RIGHT FRONT FLIPPER WIDTH: 10 SAMPLES COLLECTED:

PLASTRON LENGTH: 45.7

WEIGHT: [] [] []

- Scheduled for released 6-25⁹¹ in Kaneohe Bay by GHB. Swam off and dove in a normal manner.

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LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	Total	Remarks
RT. EYE	2					
LT. EYE	2					
* MOUTH	1	2	1			{ #1 Roof #2's Jaw hinge #3 Tongue / glottis
NECK	4	1				
RFF	3	2				
LFF	3					
RHF						
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
Total	15	5	1		21	

OTHER INFORMATION:

* Most likely tumors in mouth, couldn't inspect. Should be easy w/ speculum breathes very regularly when stressed!

• Plastron ^{beginning to} pull away from marg. scutes @ anterior end on right side.

Yes! Finally got open long enough to inspect
 Large growth encompassing tongue and poss. glottis

TUMOR SCORE:

3 if glottis blocked

Approximate Tumor Size Categories:

#1 = detectable patch to 1cm diameter. #2 = >1cm to 4cm.
 #3 = >4cm to 10cm. #4 = >10cm.

192

10	50.0
11	51.8
12	53.6
13	55.4
14	57.2
15	59.0
16	60.8
17	62.6
18	64.4
19	66.2
20	68.0
21	69.8
22	71.6
23	73.4
24	75.2
25	77.0
26	78.8
27	80.6
28	82.4
29	84.2
30	86.0
31	87.8
32	89.6
33	91.4
34	93.2
35	95.0
36	96.8
37	98.6
38	100.4
39	102.2
40	104.0
41	105.8
42	107.6
43	109.4
44	111.2
45	113.0
46	114.8

601

Useful Information

6-4-91
Combination

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

Table of Time Measure

60 seconds	= 1 minute
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 pecks	= 1 bushel (bu.)
1 cord	= 128 cu. ft.

Table of Liquid Measure

4 gills (gi.)	= 1 pint (pt.)
2 pints	= 1 quart (qt.)
4 quarts	= 1 gallon (gal.)
3 1/2 gallons	= 1 barrel (bbl.)
2 barrels	= hogshead (hhd.)

Table of Paper Measure

24 sheets	= 1 quire
20 quires	= 1 ream
10 reams	= 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 squared 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 Cubic Measure

1728 cubic inches	= 1 cubic foot
27 cubic feet	= 1 cubic yard
128 cubic feet	= 1 cord of wood
24 1/2 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 1/2 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 hundredweight (cwt.)
2000 pounds	= 1 ton (T.)
2240 pounds	= 1 long ton (L. T.)

Table of Troy Weight

24 grains (gr.)	= 1 pennyweight (dwt.)
20 pennyweights	= 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 (ʒ)
3 scruples	= 1 dram (ʒ)
8 drams	= 1 ounce (ʒ)
12 ounces	= 1 pound (lb.)

Table of Surface Measure

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.	

CONVERSION TABLES

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 (dcl)	= 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

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

