

1978

0220018

BALAZS

\$215⁰⁰

TAGGED TURTLES

BOOK 2

KAU. HAWAII



Dates	Tag Nos.	Measurements	wt.	Loc/Remarks
Page 32 1/21/78 ✓	2508 LFL	S-19 ¹ / ₄ x 15 ¹ / ₄ 48.9cm x 38.7	37lbs	Kaa/ua/u
	2509 RFL	C-20 ⁵ / ₈ x 18 ¹ / ₄ - 52.4 x 46.3 PL- 15 ¹ / ₄ 38.7 TAIL- 3 ⁵ / ₈ 9.2 HEAD 3 ¹ / ₈ 7.9 C/S RATIO - 1.197		

Dates	Tag Nos.	Measurements	Loc	Remarks
p.33			wt-NT	Kaalva lu
1/21/78	✓ 2510 LFL	S - 21 ¹ / ₄ x 17 ¹ / ₈ 59.0cm x 43.5		needed AP - near net MORTALITY - Active when Released
	2511 RFL	C - 22 ⁷ / ₈ x 20 ¹ / ₂ 58.1 x 52.1		
		PL - 16 ¹ / ₂ 41.9		
7 months		TAIL - 5 ³ / ₈ 13.6		
12 days		HEAD - 3 ¹ / ₄ 8.2		
		1.125		
		S - +1 ¹ / ₈ x +1 ¹ / ₈ 2.8cm		
9/2/78	✓ 2510	C - +1 ³ / ₈ x +1 ⁵ / ₈		Kaalva lu
	2511			
	2887 (LF) ³⁻⁴ new	S - 22 ³ / ₈ x 18 ¹ / ₄ 56.8cm x 46.4		
		C - 24 ¹ / ₄ x 22 ¹ / ₈ 61.6 x 56.2		
34 months		PL - 17 ¹ / ₂ 44.4 +1		
21 days		HEAD - 3 ³ / ₈ 8.6		
		TAIL - 5 ³ / ₄ 14.6 + ³ / ₈		
		C/SRATIO - 1.212		
		S - 16.2 cm x 11.9		
7/23/81	✓ 2510 CFL dangling	S - 73.0 x 58.3		
	5489.	PL - 56.9		
	5490; 2030	HEAD - 9.8		



Dates	Tag nos.	Measurements	wt.	Loc/Remarks
page 36 ✓			21 1/2 lbs	
1/22/78	2512 LFL	S-16 1/2 x 12 7/8		Punaluu SCUBA
	2513 RFL	41.9cm x 32.7		
		C-17 3/8 x 14 7/8		
		44.1 x 37.8		
		PL-13 1/8 33.3		
		TAIL-2 7/8 7.3		
		HEAD-2 5/8 6.7		
		C/S RATIO-1.155		



PUNAWU

Dates	Tag NOS.	Measurements	wt.	Loc/Remarks
Page 39			NT	NINOLE COVE SCUBA
1/23/78 ✓	2514 LFL	S - $22\frac{1}{2} \times 17\frac{3}{4}$		monofilament cut deep into right shoulder
	2515 RFL	57.2cm x 45.1		
	2516 LFL	C - $24 \times 22\frac{1}{8}$		
		60.9 x 56.2		
		PL - $17\frac{3}{4}$ 45.1		
		TAIL - $4\frac{5}{8}$ 11.7		
		HEAD - $3\frac{3}{4}$ 9.5		
		C/S RATIO - 1.246		

20.8cm
in 5yr
11.75 months
= 0.289cm/mo

1/8/84 ✓ Punahoa - Pavilion Scuba

S - 78.0 x 61.8

C - 83.5 x 79.5

PL - 62.3

HEAD - 12.1

TAIL - 20.0

WEIGHT - 148 lbs



Dates	Tag nos.	Measurements	wt.	Loc/Remarks
p. 49			45 lbs	Johnson's Pool - Punaluu
1/25/78 ✓	2517 RFL	S-20 ¹ / ₈ x 15 ⁵ / ₈ 51.1 cm x 39.7		
	2518 ^{RF}			
	2519 LFL	C-21 ¹ / ₄ x 18 ⁷ / ₈ . 54.0 x 47.9		
		PL- 16 ¹ / ₂ 41.9		
		TAIL- 4 10.1		
		HEAD- 3 ³ / ₈ 8.5		
		c/s RATIO - 1.208		

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Dates	Tag NOS.	Measurements	wt.	Loc/Remarks
p. 51			20lbs	HORSESHOE PUNALUU
1/25/78 ✓	2523 RFL	S-15 ³ / ₈ x 12 ⁷ / ₈ 39.1cm x 32.7		
	2524 LFL	C-16 ¹ / ₄ x 14 ⁷ / ₈ 41.3 x 37.8		
		PL-12 ¹ / ₄ 31.1		
		TAIL-3 7.6		
		HEAD-2 ¹ / ₂ 6.3		
		C/S RATIO - 1.155		

Dates	Tag nos.	Measurements	wt.	Loc/Remarks
P. 53			69 lbs	NINOLE
1/26/78 ✓	2374 LFL	S-23 ¹ / ₄ × 18 ³ / ₈ 59.1 cm × 46.7		SCUBA PUNAWU
	2375 RFL			
	2525 ^{LF}	C-24 ³ / ₄ × 22 ¹ / ₂ 62.9 × 57.1		
		PL-18 ⁵ / ₈ 39.7		
		HEAD-3 ⁵ / ₈ 9.2		
		TAIL-5 ¹ / ₂ 13.9		
		C/S RATIO-1.224		

Dates	Tag NOS.	Measurements	wt.	Loc/Remarks
Page 10	✓ 2875	S-15 $\frac{1}{2}$ x 12 $\frac{1}{2}$	20 $\frac{1}{2}$ lbs	Horseshoe - Punaluu
8/31/78	2876	39.4cm x 31.7		
		C-16 $\frac{5}{8}$ x 14 $\frac{3}{4}$		
		42.2 x 37.4		
		PL-12 $\frac{5}{8}$ 32.0		
		HEAD-2 $\frac{5}{8}$ 6.7		
		TAIL-3 $\frac{1}{4}$ 8.2		
		C/S RATIO-1.180		

9/2/78 ✓ 2875
2876

Tag read in Horseshoe
by me



Dates	Tag nos.	Measurements	wt.	Loc/Remarks
page 11			20 lbs	Horseshoe PUNALOU
8/31/78	✓ 2877 2879	S-16 $\frac{1}{4}$ " x 13 $\frac{5}{8}$ " 41.3cm x 34.6 C-17 $\frac{1}{4}$ " x 15 $\frac{1}{2}$ " 43.8cm x 39.4		
5 yrs		PL-13 $\frac{3}{8}$	34.0cm	49 lb INCREASE
3 mon 2 wks =		HEAD-2 $\frac{5}{8}$	6.7cm	
63.5 months		TAIL-2 $\frac{5}{8}$	6.7cm	
18.9cm increase =		C/S RATIO-1.138		
0.298 cm/mo				
page 73 ✓				
12/17/83	✓ 2877 2879	Punaluu net - caught at night 23.7" S-60.2 x 48.7 notch - 60.0		
	<u>Photos of tags</u>	C-64.2 x 57.4		
		PL-48.3		WEIGHT-69 lbs
		HEAD-8.8		
		TAIL-13.5		



Dates	Tag NOS.	Measurements	wt	Loc/Remarks
Page 12 ✓		S - $17\frac{3}{8} \times 14\frac{1}{2}$	30lbs	Horseshoe Punaluu
8/31/78	2880	44.1 cm \times 36.8		
	2881	C - $18\frac{3}{8} \times 17\frac{1}{8}$		
		46.7 \times 43.5		
		PL - $14\frac{1}{4}$ 36.2		
		HEAD - 3 7.6		
		TAIL - 3 7.6		
		C/S RATIO - 1.181		

Dates	Tag nos.	Measurements	Wt.	Loc./Remarks
p.13			25 1/2 lbs	Horseshoe - Punaluu
8/31/78	✓	S-16 7/8 x 14 1/2		
	2882	42.9 x 36.8		
	2883	C-18 1/8 x 16 3/4		
		46.0 x 42.5		
		PL-13 5/8 34.6		
		HEAD-2 3/4 6.9		
		TAIL-2 5/8 6.7		
		C/S RATIO-1.155		

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Dates	Tag nos.	Measurements	wt.	Loc/Remarks
p. 14 see ✓		S- $21\frac{5}{8}$ x $17\frac{1}{8}$	54 lbs	Horseshoe - Punaluu
8/31/78	2884	54.9 cm x 44.4		
	2885	C- $23\frac{3}{8}$ x $20\frac{3}{4}$		
	2886	59.3 x 52.7		
		PL- $17\frac{5}{8}$ 44.7		
		HEAD- $3\frac{3}{8}$ 8.5		
		TAIL- 4 10.1		
		C/S RATIO - 1.186		



Dates	Tag NOS.	Measurements	wt.	Loc/Remarks
p.17			NT	KAALVALU
		S-25 ³ / ₄ x 21 ¹ / ₄ 65.4cm x 54.0		Net
9/2/78	2888 LFL			
	2889 RFL			
	2890 RF	C-27 ³ / ₈ x 24 ⁷ / ₈ 69.5 x 63.1		

PL-20⁵/₈ 52.4
 HEAD-4 10.1
 TAIL-6¹/₈ 15.5
 C/S RATIO-1.170

Dates	Tag Nos.	Measurements	wt.	Loc/Remarks
p.22			65 1/2 lbs	Johnson's Pond (Hale Lake) [?]
9/2/78 ✓	2891 RFL	S - 22 5/8 x 17 3/4		Punahou
	2892 LFL	57.5 cm x 45.1		
	2893 LF			
		C - 24 3/8 x 22 1/2		
		61.9 x 57.1		
		PL - 18 5/8 47.3		
		HEAD - 3 5/8 9.2		
		TAIL - 4 1/2 11.4		
		C/S RATIO - 1.268		



Dates	Tag NOS.	Measurements	wt.	Loc/Remarks
p. 23			2 1/2 lbs	
		S-16 ³ / ₄ x 12 ⁵ / ₈ 42.6 cm x 32.0		Johnson's pond (HALE Lake)
9/2/78 ✓	2894 LFL 2895 RFL	C-17 ³ / ₄ x 15 ¹ / ₈ 45.1 x 38.4 PL-13 33.0 HEAD - 2 ⁵ / ₈ 6.7 TAIL - 3 ⁵ / ₈ 9.2 C/S RATIO - 1.198		

Dates	Tag nos.	Measurements	wt.	Loc/Remarks
p.24		S - $16\frac{7}{8}$ x NT		Johnson's Pond HALE Lake?
9/2/78	2896	C - $18\frac{1}{8}$ x NT		
	2897	46.0		
		PL - 13	33.0	
		HEAD - $2\frac{3}{4}$	6.9	
		TAIL - $2\frac{3}{4}$	6.9	



Dates	Tag nos.	Measurements	wt.	Loc/Remarks
p.26			45lbs	HOLE Lake Pond (where the head was seen)
9/2/78	2898 ✓	S-20 ^{3/4} x 16 ^{3/4} 52.7cm x 42.5		
	2899 CANT BE	C-22 ^{1/8} x 19 ^{7/8} 56.2 x 50.4		
		PL-16 ^{3/8} 41.6		
		HEAD-3 ^{1/4} 8.2		
		TAIL-4 ^{1/4} 10.8		
		C/S RATIO-1.187		



Dates	Tag nos.	Measurements	wt.	Loc/Remarks
Page 31			24165	Johnson's Pond

S- $17\frac{1}{4}$ x $14\frac{5}{8}$

43.8cm x 37.1

9/3/78 ✓	2899 LFL	C- $18\frac{1}{8}$ x $17\frac{1}{8}$		
	2926 RFL	46.0 x 43.5		

PL- $13\frac{5}{8}$ 34.6HEAD- $2\frac{3}{4}$ 7.0TAIL- $3\frac{5}{8}$ 9.2

C/S RATIO- 1.171

Dates	Tag nos.	Measurements	wt.	Loc/Remarks
Page 35			>100lbs	Kaahulu

9/5/78 ✓	2927 RFL	S-27 $\frac{1}{2}$ x 21 $\frac{7}{8}$ 69.9cm x 55.5		
	2928 ^{RF}	C-29 $\frac{3}{8}$ x 27		
	2929 RFL	74.6 x 68.6		

PL-22 55.9
 HEAD - 3 $\frac{3}{4}$ 9.5
 TAIL - 5 $\frac{3}{4}$ 14.6
 C/S RATIO - 1.234

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Dates	Tag Nos.	Measurements	Wt. 40lbs	Loc/Remarks Kaakvaiv
p.36		S-19 ⁵ / ₈ x 15 ⁷ / ₈ 49.8cm x 40.3		
9/5/78 ✓	2930 RFL	C-20 ³ / ₄ x 18 ³ / ₄		
	2931 LFL	52.7 x 47.6		

PL - 16¹/₄ 41.3HEAD - 3¹/₈ 7.9TAIL - 4¹/₄ 10.8

C/S RATIO - 1.181

85

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Dates	Tag NOS.	Measurements	wt.	Loc/Remarks
p. 37		S- $16\frac{3}{8}$ x $13\frac{1}{4}$ 41.6cm x 33.6	19lbs	Kaa/ua/v
9/5/78	2932 RFL	C- $17\frac{1}{4}$ x 15		
	2933 LFL	43.8 x 38.1		

PL - $13\frac{3}{8}$ 33.9
 HEAD - $2\frac{1}{2}$ 6.3
 TAIL - $3\frac{1}{8}$ 7.9
 C/S RATIO - 1.132

NO.	Months/ Days	per month INCREASE INCHES	per month INCREASE cm	cm ROUNDED	STRAIGHT LENGTH CHANGE	Page	Tag
1	7 mos 15 days	.1929	.4899	0.49	18 ³ / ₄ - 22 ¹ / ₈ 47.6cm	29-Bk 1	2520
2	8 mos 15 days	.2059	.5230	0.52	20 - 21 ³ / ₄ 50.8cm	89-Bk 1	2145
3	7 mos 15 days	.1500	.3810	0.38	21 ³ / ₄ - 22 ⁷ / ₈ 55.2cm	89-Bk 1	2145
4	7 mos 12 days	.1500	.3810	0.38	21 ¹ / ₄ - 22 ³ / ₈ 54.0	7-Bk 2	2510 TRAUMA?
5	25 mos 20 days	.0341	.0866	0.087	35 ⁵ / ₈ - 36 ¹ / ₂ 90.5cm	107-B1	5016
6	34 mo 21 days	—	.467		56.8 - 73.0	7-BK 2	2510

AS p45 BK II
 WRIGHT - $\frac{J}{29(76.3\%)} \frac{SA}{8(21\%)} \frac{A}{1(2.6\%)} = 38$
 BALAZS - $\frac{26(66.7)}{55(71.4\%)} \frac{9(23.1)}{17(22.19\%)} \frac{4(10.3\%)}{5(6.5\%)} = 39$
 KAV IMMATURE - 72
 ADULTS - 5

KITULO IMMATURE - 15

HAWAII - 87 IMMATURE
 5 ADULTS

92 TOTAL

METRIC SYSTEM WITH U.S. EQUIVALENTS

METRIC UNIT (1) U.S. EQUIVALENT

WEIGHT

milligram	mg	0.015 grains
centigram	cg	0.154 grains
decigram	dg	1.1543 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

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

VOLUME

cubic centimeter	cm ³	0.061 cubic inches
cubic decimeter	dm ³	0.0353 cubic feet
cubic meter	m ³	1.31 cubic yards
cubic decameter	Dm ³	13.10 cubic yards

METRIC UNIT (1) U.S. EQUIVALENT

AREA

square centimeter	cm ²	0.155 sq. inches
square meter	m ²	1.196 sq. yards
are	a	119.60 sq. yards
hectare	ha	2.47 acres
sq. kilometer	km ²	0.3861 sq. miles

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	Da	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	Da	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

