

0220018 BALAZS
next # 43
\$215.00

A78-1982

BALAZS LISIANSKI

Book 1

BALAZS

Tag Recoveries with Growth Data:

Pages 13

19

27

29

31

35

G.H. BALAZS

NOTE:

p35 tag 2857 has short term capture that does not have "chronology" number



COMPOSITION BOOK

9¾ IN. x 7½ IN. (24.8 cm x 19 cm)

AVAILABLE AS:

- No. 09-9130 (1130) 60 SHEETS COLLEGE RULED & MARGIN
- No. 09-9132 (1130-P) 60 SHEETS COLLEGE RULED & MARGIN
- No. 09-9134 (1143-X) 100 SHEETS COLLEGE RULED & MARGIN
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G.H. Balazs
992-A AWAAWAANO A PLACE
HONOLULU, HAWAII 96825

I

SCOOP NET METHOD OF CAPTURE (UNLESS OTHERWISE NOTED)

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>Wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------|------------|------------------------|--------------------------|
| 5/7/78 ✓ | 2626 RFL | C-18½ x 16½ | | L151 west end | |
| | 2627 LFL | C-47.0cm x 16.5 | 41.9 g. | tagged by NAFTEL | see p. 29 |

2 228 :

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>WT</u> | <u>Loc</u> | <u>Remarks</u> |
|--------------|----------------------|--|-----------|------------|----------------|
| | | | | LISI | |
| ✓ 5/7/78 | 2628 RFL 2629 LFL | C- 18 1/8 x 15 7/8 C- 46.0cm x 40.3 | | west end | by NAFTEL |

see
p. 29

3 & 21 & 29

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt</u> | <u>Loc</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------|-----------|------------|----------------|
|--------------|-----------------|---------------------|-----------|------------|----------------|

| | | | | | |
|----------|----------------------|-------------------------------|--|------|-------------------------------|
| 5/7/78 ✓ | 2630 RFL 2631 LFL | C- 48 ⁰ cm x 42.75 | | LISI | NE of Wend see p. 31 |
|----------|----------------------|-------------------------------|--|------|-------------------------------|

2 months
2 weeks

| | | | | | |
|-----------|--------------|---|---------------------|-----------------------------|--------------|
| 7/20/78 ✓ | 2630 2631 | S 45.4 cm S- 17 ⁷ / ₈ x 14 ¹ / ₄ (0) 48.2 (+1/8) 43.1 C- 19 x 17 (+1/8) (0) | 30.2 37.1 7.9 | LISI BASK NE BEACH | see p. 68 |
|-----------|--------------|---|---------------------|-----------------------------|--------------|

2 months
2 weeks

PL- 14⁷/₈ (-1/8) 37.1
TAIL- 3¹/₈ (-3/8) 7.9

| | | | | | |
|-----------|--------------|---|--------|--------------------|--------------|
| 10/3/78 ✓ | 2630 2631 | S- 17 ⁷ / ₈ x 14 ³ / ₈ S- 45.4 36.5 C- 19 ¹ / ₈ x 17.0 48.5 48.1 | 27 lbs | LISI SITE #2 | see p. 69 |
|-----------|--------------|---|--------|--------------------|--------------|

PL - 14³/₄ 37.4
HEAD - 3 7.6
TAIL - 2³/₄ 6.9

4236 & 37 & 91

15

| <u>Dates</u> | <u>Tag Nos.</u> | <u>Measurements</u> | <u>WT</u> | <u>Loc</u> | <u>Remarks</u> |
|--------------|---|--|-----------|----------------|--------------------|
| | | S- NT | | LISI | |
| 7/15/78 ✓ | 2837 RFL | | | | see p 80 |
| | 2838 LFL | C- $21\frac{3}{4} \times 20\frac{1}{4}$ (55.2cm x 51.4) | | | |
| | | CPI - $17\frac{3}{4}$ (45.1cm) | | | |
| | | TAIL - $3\frac{5}{8}$ (9.7cm) | | | |
| 4/12/82 ✓ | 2838 2837 | | | CISI sector 20 | by JPH |
| | | C = "68cm (curvilinear measurement)" | | | |
| 7/15/82 ✓ | 2838 2837 | S- 64.4 x 54.0 | | CISI | by AK sector 18 |
| | | C- 70.0 x 66.0 | | | |
| | | PL - 54.3 | | | |
| | | HEAD - 9.4 | | | |
| | | TAIL - 11.0 | | | |
| 11/7/82 ✓ | 2837 OFF 2838 6480 new | S- 65.5 | | sector 20 | by HSS |

5

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------------------------|------------|-------------|----------------|
| | | | 29lbs | LISI | |
| 7/20/78 ✓ | 2839 LFL | S-17 $\frac{1}{2}$ x 14 $\frac{3}{8}$ | | | |
| | 2840 RFL | S 44.5cm +36.5 | | SITE #1 | |
| | | C-18 $\frac{1}{4}$ x 16 $\frac{1}{2}$ | | | |
| | | 46.3 x 41.9 | | | |
| | | PL-14 $\frac{1}{8}$ 35.8 | | | |
| | | TAIL-3 $\frac{5}{8}$ 9.2 | | | see p. 81 |

6 & 30

19

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>WT.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|-------------------------------|------------|-------------|----------------|
| | | S- 47.6cm \times 38.4 | 32 1/2 lbs | LISI | |
| 7/20/78 ✓ | 2841 RFL | S- 18 3/4 x 15 1/8 - (-5 1/2) | | | |
| | | (-1/8) (-1/8) | | SITE # 3 | see p. 81 |
| | 2842 LFL | C- 49.2 \times 43.4 | | | |
| | | C- 19 3/8 x 17 1/8 | | | |
| | | (+1/8) (-1/8) | | | |

2 months
2 weeks

PL- 15 3/8 (-1/8) 39.0

TAIL- 3 5/8 (-1/8) 9.2

| | | | | | |
|-----------|----------|----------------------|--------|---------|-----------|
| | | S 47.3 \times 38.1 | 27 lbs | LISI | see p. 78 |
| 10/3/78 ✓ | 2841 RFL | S- 18 5/8 x 15 | | SITE #2 | |
| | 2842 LFL | C 49.5 \times 43.1 | | | |
| | | C- 19 1/2 x 17 | | | |
| | | PL- 15 1/4 38.7 | | | |
| | | HEAD - 3 7.6 | | | |
| | | TAIL - 3 1/2 8.8 | | | |

| <u>Dates</u> | <u>Tag Nos.</u> | <u>Measurements</u> | <u>Wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|----------------------------------|------------|-------------|----------------|
| | | | 39 lbs | LISI | |
| 7/20/78 ✓ | | S-20 x 16 1/2 S-50.8cm x 41.9 | | SITE #2 | see p. 81 |
| | 2843 RFL | C-21 x 18 1/2 | | | |
| | 2844 LFL | C-53.3 x 46.9 | | | |
| | | PL-15 1/2 39.3 | | | |
| | | TAIL-3 1/2 8.8 | | | |

| <u>Dates</u> | <u>Tag NOS.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---|------------|----------------|----------------|
| | | | 26lbs | L151 | |
| ✓ 7/20/78 | 2845 RFL | S- 17 ¹ / ₄ x 14 ¹ / ₂ S- 43.8 cm x 36.8 | | SITE # 2 | see p. 82 |
| | 2846 LFL | C- 18 x 17 C- 45.7 x 43.1 PL- 14 ¹ / ₈ 35.9 cm TAIL- 3 ¹ / ₄ 8.2 | | | |

| <u>Dates</u> | <u>Tag NOS.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------------------------|------------|-------------|----------------|
| | | | 191bs | LISI | |
| | | S-16 $\frac{1}{8}$ x 13 $\frac{3}{8}$ | | SITE | |
| 7/20/78 ✓ | 2847 RFL | S-41.0cm x 34.0 | | #2 | |
| | 2848 LFL | | | | |

C-16 $\frac{3}{4}$ x 15 $\frac{3}{4}$

C-42.5 x 40.0

PL-12 $\frac{3}{4}$ 32.4cmTAIL-3 $\frac{1}{8}$ 7.9cmsee
p.82

10/3/78 ✓

2849 RFL

2850 LFL

C-16 $\frac{1}{2}$ x 15 $\frac{1}{2}$

C-40.0 x 38.0

PL-13 $\frac{1}{2}$ 32.0cmTAIL-2 $\frac{1}{2}$ 7.0cmTAIL-2 $\frac{1}{4}$ 7.0cm

10 & 27

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------------------------|------------|-------------|----------------|
| | | 40.0cm x 35.2 | 20lbs | L/S | |
| | | S - $15\frac{3}{4}$ x $13\frac{7}{8}$ | | SITE | |
| | ✓ 2849 RFL | ($+\frac{1}{8}$) ($-\frac{1}{8}$) | | # | 2 |
| 7/20/78 | 2850 LFL | | | | |

see
p. 822 months
2 weeks

C 41.6 x 39.3
 C - $16\frac{3}{8}$ x $15\frac{1}{2}$
 ($+\frac{1}{8}$) (0)
 PL - $13\frac{1}{4}$ ($-\frac{1}{8}$) 33.7
 TAIL - $2\frac{3}{8}$ ($+\frac{1}{8}$) 6.0

| | | | | | |
|-----------|----------|---------------------------------------|---------|--|--|
| 10/3/78 ✓ | 2849 RFL | S - $15\frac{7}{8}$ x $13\frac{3}{4}$ | 18½ lbs | | |
| | 2850 LFL | S 40.3 x 34.9 | | | |

C - $16\frac{1}{2}$ x $15\frac{1}{2}$
 C - 41.9 x 39.3
 PL - $13\frac{1}{8}$ 33.3
 HEAD - $2\frac{1}{2}$ 6.3
 TAIL - $2\frac{1}{4}$ 5.7

10/28/78

2852

no measurements

11

JEN

11 & 28 & 83

29

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|---------------------|-----------------|---|------------|-------------|----------------|
| | | S 42.5cm + 32.4 | 21lbs | LISI | |
| | | S-16 ³ / ₄ x 12 ³ / ₄ | (-4) | SITE # 2 | |
| 7/20/78 ✓ | 2851 RFL | (0) (0) | | | p. 83 |
| | 2852 LFL | | | | |
| | | C (43.8 cm) x 37.4 | | | |
| 2 months 2 weeks | | C-17 ¹ / ₄ x 14 ³ / ₄ | | | |
| | | (+1/8) (-1/2) | | | |
| | | PL-13 ¹ / ₂ (+1/16) 34.3 | | | |
| | | TAIL-3 (-1/4) 7.6 | | | |
| | | S-42.5cm x 32.4 | (17lbs) | | |
| | | S-16 ³ / ₄ x 12 ³ / ₄ | | | |
| 10/3/78 ✓ | 2851 RFL | | | | |
| | 2852 LFL | C-17 ³ / ₈ x 14 ¹ / ₄ | | | |
| | | C-44.1 x 36.2 | | | |
| | | PL-13 ⁹ / ₁₆ 34.4 | | | |
| | | HEAD-2 ⁵ / ₈ 6.7 | | | |
| | | TAIL-2 ³ / ₄ 6.9 | | | |
| 10/28/82 ✓ | 2852 LFL | no measurements | | 11 | JRH |
| | 2851 RFL | | | | |

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>Wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---|----------------|-------------|----------------|
| 7/20/78 ✓ | 2853 LFL | 35.9cm x 30.2 S- 14 1/8 x 11 7/8 (+1/8) (+1/8) | (-2 1/2) 15lbs | L1S1 | |
| | 2854 RFL | C- 37.8 x 34.9 C- 14 7/8 x 13 3/4 (+1/8) (+1/8) | | | See p. 83 |
| | | PL- 11 1/4 (+1/8) | 29.6 | | |
| | | TAIL- 2 1/2 (+1/4) | 6.3 | | |

2 months
2 weeks

12.5
12 1/2 lbs

| | | | | | |
|-----------|------|---------------------------------|--------|---------|-----------|
| 10/4/78 ✓ | 2853 | S- 14 1/4 x 12 | | L1S1 | see p. 72 |
| | 2854 | S- 36.2 x 30.5 | | SITE #2 | |
| | | C- 15 x 13 7/8 C 38.1 x 35.2 | | | |
| | | PL- 11 1/2 | 29.2 | | |
| | | HEAD- 2 3/8 | 6.0 | | |
| | | TAIL- 2 3/4 | 7.0 cm | | |

| <u>Dates</u> | <u>Tag Nos.</u> | <u>Measurements</u> | <u>wti</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---|--------------------|-------------|----------------|
| 7/20/78 ✓ | 2855 RFL | S-18 ¹ / ₄ x 14 ⁵ / ₈ | 311bs (14.1 kg) | LISI | SITE |
| | 2856 LFL | S 46.4cm x 37.1 | | | #2 |
| | | C-19 ¹ / ₈ x 16 ³ / ₄ | | | |
| | | C 48.6 x 42.5 | | | |
| | | PL-14 ³ / ₈ 36.5cm | | | |
| | | TAIL-3 ¹ / ₂ 8.9cm | | | |

see p. 83

7/31/78

10/1/78

5/6/80

14 & 31 & 35 & 38 & 94

35

| Dates | Tag nos. | Measurements | wt. | Loc. | Remarks |
|---------|----------|--|-------|---------|--|
| | | | 31lbs | LISI | |
| | | | (-5) | | |
| 7/20/78 | 2857 RFL | | | | |
| | 2858 LFL | (44.8 cm x 39.1) | | | |
| | | S-17 ⁵ / ₈ x 15 ³ / ₈ | | | NW BASKET |
| | | (+1/8) (+1/8) | | | see p. 84 |
| | | C-(18 ⁷ / ₈ x 17 ¹ / ₂) | | | |
| | | C-47.9 (+1/4) (0) 44.5 | | | |
| | | PL-14 ³ / ₈ (-1/8) 36.5 cm | | | |
| | | TAIL-3 ³ / ₈ (-1/8) 8.6 cm | | | |
| 7/21/78 | | scoop netted - SITE area #2 | | | |
| | | | | LISI | |
| | | | 26lbs | SITE #2 | see p. 71 |
| 10/4/78 | 2857 | S-17 ³ / ₄ x 15 ¹ / ₂ | | | |
| | 2858 | 45.0 cm x 39.4 cm | | | |
| | | C-19 ¹ / ₈ x 17 ¹ / ₂ | | | |
| | | 48.6 cm x 44.5 cm | | | |
| | | C- +0.7 cm | | | |
| | | PL-14 ¹ / ₄ (36.2 cm) | | | |
| | | HEAD-3 (7.6 cm) | | | |
| | | TAIL-3 ¹ / ₄ (8.3 cm) | | | |
| 5/6/80 | 2857 | "18-20 inches" | | LISI | |
| | 2858 | 46.7-50.8 cm | | | Reported by Bill Gilmartin during SEAL STUDY |

3/29/82 2857 ✓
2858 C-67.9 Cisianski by HSS
sector 3

8/7/82 ✓
2857
2858 S-54.0 x 46.0
Sector 11
C-56.5 x 52.6
PL-43.3
HEAD - 8.2
TAIL - 10.2

11/8/82 ✓ 2857 R S-54.4 Sec. 5 HSS
2858 L Basking
7/20/78 S-44.8

9.6 increase
4yr 3 1/2 months = 51.5 months
0.186 cm/mo or 2.23 cm/yr
or 0.88 inches/year

3/21/8

8/15/82

152.34 & 39 & 98

B.64 - 2

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------|------------|-------------|----------------|
| | | | 17lbs | LISI | |

| | | | | | |
|---------|----------|---------------------------------------|--|--|--|
| 7/21/78 | 2859 LFL | S-15 x 12 ⁷ / ₈ | | | |
| | 2860 RFL | S-38.1cm x 32.7 | | | |

see p.84

21.5 months

C-15³/₄ x 15
40.0cm x 38.1cm

PL-11⁷/₈ 30.2cm

5/6 & 5/8/80

2859

2860

LISI Photos on Roll 2 no. 12.2

Reported by Bill Gilmartin during seal study

3/21/82

2859

2860

"length 41.5cm"

LISI

sector 9 by JRH

8/15/82

2859

2860

S-42.0 x 35.9

C-45.0 x 42.2

PL-33.9

HEAD-7.1

TAIL-9.2

LISI by sector 10 AK

-OVER-

11/19/82

2859 L

2860 R

S-42.2

sec 11

Dates

7/21/78

75H

P 2859

P 2860

P 2859

P 2860

over

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>WT.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|----------------------|---|------------|-------------|----------------|
| 7/21/78 | 2862 RFL 2863 LFL | S - 20 x 15 ³ / ₄ 50.8 cm x 40.0 | 45 lbs. | L151 | SITE #2 |

C - 21¹/₈ x 18¹/₂

C - 53.7 x 47.0

PL - 16¹/₄ 41.3

TAIL - 4 10.2

P. 85
see

| Dates | Tag nos. | Measurements | wt. | Loc. | Remarks |
|-----------|----------|-----------------------------|-------|---------|----------|
| | | S-21 x 16 1/8 | 50lbs | LIS/ | |
| | | S 53.3 x 40 41.0 | | SITE #2 | |
| 7/21/78 ✓ | 2864 RFL | | | | see p.85 |
| | 2865 LFL | | | | |
| | | C-22 x 19 1/2 | | | |
| | | C-55.9 x 49.5 | | | |
| | | PL-17 43.2 | | | |
| | | TAIL-4 1/2 11.4 | | | |

| Dates | Tag Nos. | Measurements | wt. | Loc. | Remarks |
|-----------|----------|--|-------|------|-----------|
| 7/22/78 ✓ | 2867 LFL | S-16 ³ / ₄ x 14 ¹ / ₈ S 42.5cm x 35.9 | 22lbs | L151 | SITE #2 |
| | 2868 RFL | C-17 ¹ / ₂ x 16 ¹ / ₈ C-44.5 x 40.9 | | | see p. 85 |
| | | PL-13 33.0 | | | |
| | | TAIL-3 7.6 | | | |

| <u>Dates</u> | <u>Tag TVs</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|----------------------|--|------------|-------------|----------------|
| 7/22/78 ✓ | 2869 RFL 2870 LFL | S-18 x 14 ³ / ₄ S 45.7cm x 37.5 | | LIS/ | SITE #4 |
| | | C- 18 ³ / ₄ x 17 ¹ / ₈ C- 47.6 x 43.5 | | | |
| | | PL- 14 ¹ / ₂ 36.8 | | | |
| | | TAIL- 3 ¹ / ₄ 8.3 | | | |

| Dates | Tag NOS. | Measurements | wt. | Loc. | Remarks |
|-----------|----------|--------------------------------------|---------|---------|-----------|
| 7/22/78 ✓ | 2871 RFL | S- $15\frac{5}{8}$ x $12\frac{5}{8}$ | 22½ lbs | L151 | see p. 86 |
| | 2872 LFL | S 39.7cm x 32.1 | | SITE #4 | |
| | | C- $16\frac{1}{2}$ x $14\frac{5}{8}$ | | | |
| | | C- 41.9 x 37.1 | | | |
| | | PL- $12\frac{5}{8}$ 32.1 | | | |
| | | TAIL- 3 7.4 | | | |

| <u>Dates</u> | <u>Tag nos:</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|----------------------|-------------------------------|------------------|-------------|----------------|
| 10/3/78 ✓ | 2944 RFL 2945 LFL | S-15½ x 13 S-39.4cm x 33.0 | 17lbs SITE #2 | L/S1 | see p. 87 |
| | | C-16¾ x 15¼ C-41.6 x 38.7 | | | |
| | | PL-12¼ 30.8 | | | |
| | | HEAD-25/8 6.7 | | | |
| | | TAIL-3 7.6 | | | |

7/2/82

2946
2947

C-48.7

x 42.7

C-48.7 by AF
p. 40

23242

| Dates | Tag nos. | Measurements | wt. | Loc. | Remarks |
|-----------|--------------------|--|---------|------------------|-----------|
| 10/3/78 ✓ | 2946RFL 2947LFL | S - $16\frac{5}{8}$ x $13\frac{1}{4}$ C - 42.2cm x 33.7cm | 18½ lbs | LIS/1 SITE #2 | see p. 87 |
| | | C - $17\frac{5}{8}$ x $15\frac{1}{2}$ C - 44.8cm x 39.4cm | | | |
| | | PL - $13\frac{3}{8}$ 34.0 cm | | | |
| | | HEAD - $2\frac{5}{8}$ 6.7 cm | | | |
| | | TAIL - 3 7.6 cm | | | |

| | | | | | |
|----------|--------------|-----------------|---------|------|--|
| 7/8/82 ✓ | 2946 2947 | C - 48.7 x 42.7 | LISI by | A.K. | |
| | | | sector | 40 | |

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>WT.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|----------------------|---|------------|-----------------|----------------|
| 10/3/78 ✓ | 2952 RFL 2953 LFL | S- $18\frac{3}{4}$ x $14\frac{7}{8}$ 47.6cm x 14.9 37.0 | 29 | LIS1 SITE #2 | see p. 88 |
| | | C-20 x $17\frac{1}{2}$ 50.0 x 44.4 | | | |
| | | PL- $14\frac{13}{16}$ 37.0 | | | |
| | | HEAD - 3 7.6 | | | |
| | | TAIL - $3\frac{1}{2}$ 8.9 | | | |

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|----------------------|--|------------|------------------|----------------|
| 10/3/78 ✓ | 2954 RFL 2955 LFL | S-18 ⁷ / ₈ x 15 ⁵ / ₈ 47.9cm x 39.7 | 32lbs | LISI, SITE #2 | see p. 89 |
| | | C-19 ⁷ / ₈ x 18 ³ / ₈ 50.5 x 46.7 | | | |
| | | PL-15 ³ / ₈ 39.1 | | | |
| | | HEAD-3 7.6 | | | |
| | | TAIL-3 ¹ / ₄ 0.3 | | | |

8/3/84

2956 LFL

S-61R

LISI

2956 L

2956 R

26

| Dates | Tag nos. | Measurements | wt. | Loc. | Remarks |
|-----------|----------------------|--|-----|-----------------|----------|
| 10/3/78 ✓ | 2956 RFL 2957 LFL | S-20 ¹ / ₈ x 15 ¹ / ₂ 51.1cm x 39.4 | 39 | LISI SITE #2 | see p.90 |

C-21³/₈ x 18⁷/₈
54.3 x 47.9

FYRS 10 months =
70 months

PL-16 40.6
HEAD-3¹/₈ 7.9
TAIL-3¹/₈ 7.9

8/3/84 ✓ 2956 "LFL" S-61.8
new < 8564 L,
8563 R

10.7cm INCREASE
0.153 cm/month or 1.83cm/yr
OR 0.72 inches/year

D. ALCOEN,
LISI
sector 05
Robert
Forsythe

2939
2940

nesting at East Is. FFS
Molokai 334

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc. Remarks</u> |
|--------------|---|--|------------|--------------------------------------|
| 10/2/78 ✓ | 2939 LFL 2940 RFL 2941 ^{RF} | S - $25\frac{3}{8} \times 21$ ($64.4 \text{ cm} \times 53.3 \text{ cm}$) C - $27\frac{1}{2} \times 24\frac{3}{4}$ (69.8×62.8) PL - $20\frac{3}{4}$ (52.7 cm) HEAD - $3\frac{3}{4}$ (9.5 cm) TAIL - $5\frac{5}{8}$ (14.3 cm) | NT | BASKING - JUST EAST ROCK LEDGE |
| | 3 yrs, 9 ^{1/2} month = 45 ^{1/2} months | | | |
| 7/17/82 | 2939 ✓ 2941 | S - 74.1×61.0 87.9 cm C - 81.0×74.7 | | Cisi by AK Sector 26 |
| | | 0.213 cm/mo or 2.56 cm/yr or 1 inch/year | | |
| 7/25/82 | 2939 ✓ 2941 | S - 73.8×61.0 C - 80.8×75.9 | | Cisi by AK Sector 25 |

2939
2940Nesting at East Is. FFS
Mototool U334

| <u>Dates</u> | <u>Tag NOS.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------|------------|-------------|----------------|
| 4/8/82 ✓ | 5826 | | | Area 16 | |
| 8/4/82 ✓ | 5826 | S-42.9 x 36.8 | | 16 | AK |

C-45.3 x 42.6

PL-35.6

Head 7.1

Tail

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------|------------|-------------|----------------|
| 4/10/82 ✓ | 5827 | S-46.5 | | 43 | |

45897 :

| <u>Dates</u> | <u>Tag Nos.</u> | <u>Measurements</u> | <u>wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|----------------------------|------------|-------------------|----------------|
| 4/12/82 ✓ | 5828 | S-51.5 C-50.0 C-53.0 | | 27 | |
| 11/9/82 ✓ | 5828 | S-51.2 | | BASKING Sec 18 | HSS |

46

| <u>Dates</u> | <u>Tag Nos.</u> | <u>Measurements</u> | <u>Wt.</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|-----------------|---------------------|------------|-------------|----------------|
|--------------|-----------------|---------------------|------------|-------------|----------------|

| | | | | | |
|-----------|------|--|--|----|--|
| 4/18/82 ✓ | 5829 | | | 26 | |
|-----------|------|--|--|----|--|

C-50.0

5/10/83

6753

S-49.9 x 41.2

G-538 x 48.4

PC-40.4

Head-79

Tail-10.0

7/24/82

5830

5947

1/8/83

5830 R

5947 L

S-50.0

1/15/82

5830

5947

C-50.0

7/31/84

5947 L

5830 R

8560 (new)

S-50.9

J. Adams
March
Robert

#47 2.82 2.95

69

| <u>DATES</u> | <u>TAG NOS.</u> | <u>Measurements</u> | <u>WT</u> | <u>Loc</u> | <u>Remarks</u> |
|--------------|----------------------------------|--|-----------|------------|--------------------------------|
| 4/19/82 ✓ | 5830 | C-52.0 | | 20 | |
| 7/31/82 ✓ | ⁵⁸³⁰ 5947 | S-49.9 x 41.2 C-53.8 x 48.4 PL-40.4 Head - 7.9 TAIL - 10.0 | | 20 | |
| 10/26/82 ✓ | 5830 5947 | | | 20 | HSS |
| 11/8/82 ✓ | 5830 R 5947 L | S-50.0 | | | Basking Sec 20 HSS |
| 11/15/82 ✓ | 5830 5947 | C-52.0 | | | Basking JH |
| 2 4 months | | | | | |
| 7/31/84 ✓ | 5947 L 5830 R 8560 R (new) | S-50.9 S + 1.0 cm 0.042 cm/month or 0.5 cm/yr or 0.197 inch/year | | | D. ALCOAN Sec. 26 Robert |

| <u>Dates</u> | <u>Tag nos.</u> | <u>Measurements</u> | <u>Wt. Coc. Remarks</u> |
|--------------|-----------------|---------------------|-------------------------|
| 5/2/82 ✓ | 5831 | S-45.4 | 20 49 |

| <u>Dates</u> | <u>Tag nos</u> | <u>Measurements</u> | <u>Loc.</u> | <u>Remarks</u> |
|--------------|----------------|---------------------|-------------|----------------|
| 5/17/82 ✓ | 5833 | S-52.0 | 20 | |

05/24/83

6759

| <u>DATES</u> | <u>TAG NOS</u> | <u>Measurements</u> | <u>Loc</u> |
|--------------|----------------|---------------------|------------|
| 5/17/82 ✓ | 5834 | S-54.9 | 20 |

51

| <u>DATES</u> | <u>TAGS</u> | <u>Measurements</u> | <u>Loc</u> |
|--------------|-------------|---------------------|------------|
| 6/5/82 ✓ | 5836 | S-39.8 | 4 |

| <u>DATES</u> | <u>TAG NOS.</u> | <u>Measurements</u> | <u>Loc</u> |
|--------------|-----------------|---------------------|------------|
| 6/10/82 ✓ | 5841 | S-76.2 | 3 |

6/19/82

5844

S-72.5

not checked

| <u>DATES</u> | <u>TAG Nos.</u> | <u>Measurements</u> | <u>Loc</u> |
|--------------|---------------------------------------|---------------------|------------|
| 6/17/82 ✓ | 5842 5944 L | S-61.4 | 3 |
| 11/19/82 ✓ | 5944 5842 C not checked | S-62.5 | sec 44 |

54 & 93

83

| <u>DATES</u> | <u>TAG NOS.</u> | <u>Measurements</u> | <u>Loc</u> |
|--------------|-----------------|---------------------|------------|
| 6/17/82 ✓ | 5843 | S-76.0 | 4 |
| | 6288 | | 5 |
| 7/13 ✓ | 6289 | S-76.2 x 65.2 | ↓ |
| | | C-83.7 x 80.1 | |
| 11/8/82 ✓ | 5843 L | | |
| | 6288 R | S-76.2 | 5 |
| | 6289 L | | HSS |

552 ~~1111~~

| <u>DATES</u> | <u>TAG NOS</u> | <u>Measurements</u> | <u>Loc.</u> |
|--------------|----------------|---------------------|-------------|
| 6/26/82 ✓ | 5844 | S-43.6 | 40 |

~~XXXXXXXXXX~~

~~XXXXXXXXXX~~ 5845 S-43.6 Easting Sec. 20 1155

56 296

87

| <u>DATES</u> | <u>TAG NOS</u> | <u>Measurements</u> | <u>Loc</u> |
|--------------|---------------------------|---------------------|------------|
| 6/27/82 ✓ | 5845 | S-44.0 | 20 |

| | | | |
|-----------|--------|------------|------------------------|
| 11/8/82 ✓ | 5845 R | 3 ↓ S-43.6 | Basking Sec. 20 HSS |
|-----------|--------|------------|------------------------|

57888

89

| <u>DATE</u> | <u>TAG NOS</u> | <u>MEASUREMENTS</u> | <u>Loc</u> |
|-------------|----------------|---------------------|------------|
| 6/30/82 ✓ | 5852 | S-69.9 ±.1 | 20 |
| 11/4/82 ✓ | 5852 | C-76 cm | 20 HSS |

| <u>DATES</u> | <u>TAGS</u> | <u>MEASUREMENTS</u> | <u>LOCATION</u> |
|--------------|------------------|---------------------|---------------------------------------|
| 6/30/82 ✓ | 5854 6325 | S-58.5 | 27 |
| 7/13/82 ✓ | | S-58.2 x 48.7 | 26 |
| | | C-63.6 x 57.1 | |
| 10/30/82 ✓ | 5854 R 6325 L | S-59.1 | 26 JRH |
| 11/5/82 ✓ | 5854 | S-58.5 | 26 |
| 11/8/82 ✓ | 5854 6325 | S-58.7 | 26 JRH |
| 7/8/84 ✓ | 6325 L 5854 R | NT | sec 8 Alcorn 25 Robert Forsythe |

| <u>DATES</u> | <u>TAGS</u> | <u>Measurements</u> | <u>LOCATION</u> |
|--------------|------------------|---------------------|---------------------------------------|
| 6/30/82 ✓ | 5854 6325 | S-58.5 | 27 |
| 7/13/82 ✓ | | S-58.2 x 48.7 | 26 |
| | | C-63.6 x 57.1 | |
| 10/30/82 ✓ | 5854 R 6325 L | S-59.1 | 26 JRH |
| 11/5/82 ✓ | 5854 | S-58.5 | 26 |
| 11/8/82 ✓ | 5854 6325 | S-58.7 | 26 JRH |
| 7/8/84 ✓ | 6325 L 5854 R | NT | sec 8 Alcorn 25 Robert Forsythe |

DATES

TAG NOS

MEASUREMENTS

Loc

7/20/82 ✓

5931

S _____ x 65.9

25

C-83.0 x 78.2

PL-34.3

2602-68

57.6-87

| <u>DATES</u> | <u>TAG NOS</u> | <u>Measurements</u> | <u>Coa</u> |
|--------------|----------------|---------------------|------------|
|--------------|----------------|---------------------|------------|

7/20/82 ✓

5932, 5933

6

S-43.4 x 35.0

C-46.7 x 42.1

PL-34.3

HEAD-6.9

TAIL-8.7

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>Loc</u> |
|--------------|-----------------|---|------------|
| 7/21/82 ✓ | 5934 5935 | S - 43.9 x 36.5 C - 46.8 x 41.6 PL - 35.4 HEAD - 7.2 TAIL - 7.5 | 20 |
| 10/28/82 ✓ | 5935 | no measurements | 27 JPH |

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>Loc</u> |
|--------------|-----------------|---------------------|------------|
| 8/4/82 ✓ | 5948 | S-77.2 x 60.5 | 13 |

16/82

5948

C-995

S-993

18/82

5949 R

C-995

Basking - ca 40

19/82

5949

S-992

Water in Basking
 10-15 min from Basking

Sec 41

| <u>DATES</u> | <u>TAG TVOS.</u> | <u>MEASUREMENTS</u> | <u>Co c</u> |
|--------------|------------------|---|---|
| 8/5/82 ✓ | 5949 | S-44.2 x 35.3 C-47.2 x 41.7 PL-35.3 HEAD - 7.0 TAIL - 8.3 | 26 |
| 11/6/82 ✓ | 5949 R | C-49.5 S-44.3 | 47 HSS |
| 11/18/82 ✓ | 5949 R | C-49.5 | BASKING - sec 40 "Carapace, predominantly Brown" HSS |
| 11/19/82 ✓ | 5949 | S-44.2 | "plate edges pretty much separated from bone & upturned" sec 44 |

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>COC</u> |
|--------------|-----------------|---------------------|------------|
| 8/6/82 ✓ | 5950 | S-73.8 x 61.2 | 27 |

C-81.8 x 74.8

PL-60.9

HEAD-11.0

TAIL-19.0

| <u>DATES</u> | <u>TAG NOS</u> | <u>MEASUREMENTS</u> | <u>LOC</u> |
|--------------|------------------|---|------------|
| 8/11/82 ✓ | 6276 6277 | S-69.3 x 57.1 C-74.9 x 69.1 PL-55.7 Head-10.2 TAIL-14.2 | 27 |
| 11-4-82 ✓ | 6277 L 6276 R | S-69.6 cm | 29 |

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>Loc</u> |
|--------------|------------------|---|--|
| 8/12/82 ✓ | 6279 6280 | S-45.6 x 36.1 C-48.3 x 41.2 PL-37.2 HEAD-7.0 TAIL-8.5 | 45 |
| 11/20/82 ✓ | 6279 L 6280 R | S-49.9 | sec 6 Caught in ~2 m of water HSS |

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>COC</u> |
|--------------|------------------|--|------------|
| 8/13/82 ✓ | 6281 6282 | S-59.5 x 49.3 C-64.3 x 59.8 PL-49.4 HEAD-8.9 TAIL-14.0 | 16 |
| 11-4-82 ✓ | 6281 L 6282 R | C-63cm | 18 HSS |

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>LOC</u> |
|--------------|-----------------|---------------------|------------|
| 8/14/82 ✓ | 6283 | S-43.5 x 35.5 | 25 |
| | 6284 | C-47.0 x 41.6 | |
| | | PL-35.2 | |
| | | HEAD - 6.8 | |
| | | TAIL - 8.4 | |

DATESTAG NOSMEASUREMENTSLoc

8/20/82 ✓

6293

S-49.4 x 41.0

6294

C-52.4 x 47.0

PL- 40.8

HEAD- 7.5

TAIL - 9.0

10

| <u>DATES</u> | <u>TAG NOS.</u> | <u>MEASUREMENTS</u> | <u>LOC</u> |
|--------------|-----------------|---------------------|------------|
| 8/20/82 ✓ | 6295 | S-41.3 - x 34.5 | 10 |
| | 6296 | C-44.3 x 39.5 | |
| | | PL-32.7 | |
| | | HEAD-6.5 | |
| | | TAIL-8.0 | |

| NO. | Months - DAYS | PER MONTH INCREASE | | CM ROUNDED | STRAIGHT LENGTH CHANGE | Page |
|-----|---------------------|-----------------------|-------|---------------|---|------------|
| | | INCHES | CM | | | |
| 1 | 2 months 14 days | 0 | 0 | — | 17 ⁷ / ₈ - 17 ⁷ / ₈ | 13 |
| 2 | 2 months 14 days | .0500 | -0.13 | -0.13 | 18 ³ / ₄ - 18 ⁵ / ₈ | 19 |
| 3 | 2 months 14 days | .0500 | 0.13 | 0.13 | 15 ³ / ₄ - 5 ⁷ / ₈ | 27 |
| 4 | 2 months 14 days | 0 | 0 | — | 40.0cm 16 ³ / ₄ - 16 ³ / ₄ | 2850 29 |
| 5 | 2 months 14 days | .0500 | 0.13 | 0.13 | 14 ¹ / ₈ - 14 ¹ / ₄ | 31 |
| 6 | 2 months 14 days | .0500 | 0.13 | 0.13 | 35.9 44.8cm 17 ⁵ / ₈ - 17 ³ / ₄ | 2854 35 |
| | 51.5 months | | 0.186 | 0.19 | 44.8 - 54.4 | 36 |
| | 70 months | | 0.153 | 0.15 | 51.1 - 61.8 | 57 |
| | 145.5 mo | | 0.213 | 0.21 | 64.4 - 74.1 | 59 |
| | 24 mo | | 0.042 | 0.04 | 49.9 - 50.9 | 69 |
| | 20 mo | | 0.025 | 0.03 | 49.1 - 49.6 | 35 Book II |

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 | (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 |

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 |

METRIC UNIT (1) U.S. EQUIVALENT

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 |

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 |

