

Molokai

BALAZS

808-286-2899

395-6409

2002-2003

2 OF 2

Molokai
BALAZS

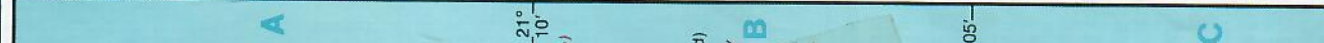
MOLOKAI 11-14 NOVEMBER 02 PACAHO
27-28 JANUARY 03 - PACAHO
25-27 AUGUST 03 - PACAHO
MIKE HOLMES
SUORHEL



KALAUPAPA NATIONAL HISTORICAL PARK

Kalaupapa Peninsula

KAUNAKAKAI-PU'U O HOKU RANCH
25 miles





HAWAII

Molokai

The Friendly Isle

published by
University of Hawaii Press
 Honolulu 96822

by **James A. Bier**
 Department of Geography
 University of Illinois at Urbana-Champaign



LANAʻI

KALAWA

KALOKOʻŌ

MAUNALOA-KAUNAKAKAI

MAUNALOA-KAUNAKAKAI

MAUNALOA-KAUNAKAKAI

MAUNALOA-KAUNAKAKAI

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MAUNALOA-KAUNAKAKAI

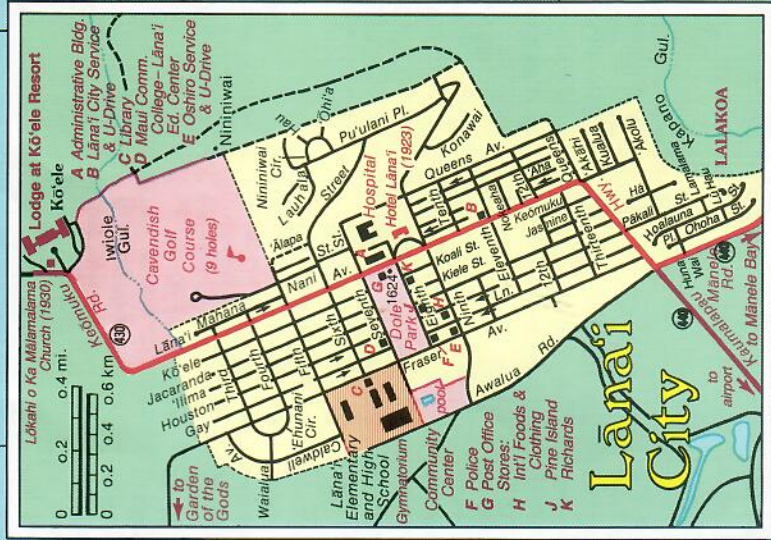


Katohi Channel

Lānaʻi

The Pineapple Isle

Note: Most roads require the use of a vehicle with 4-wheel drive. Travel by foot is advisable in many places.



MOLOKAʻI

MOLOKAʻI

MOLOKAʻI

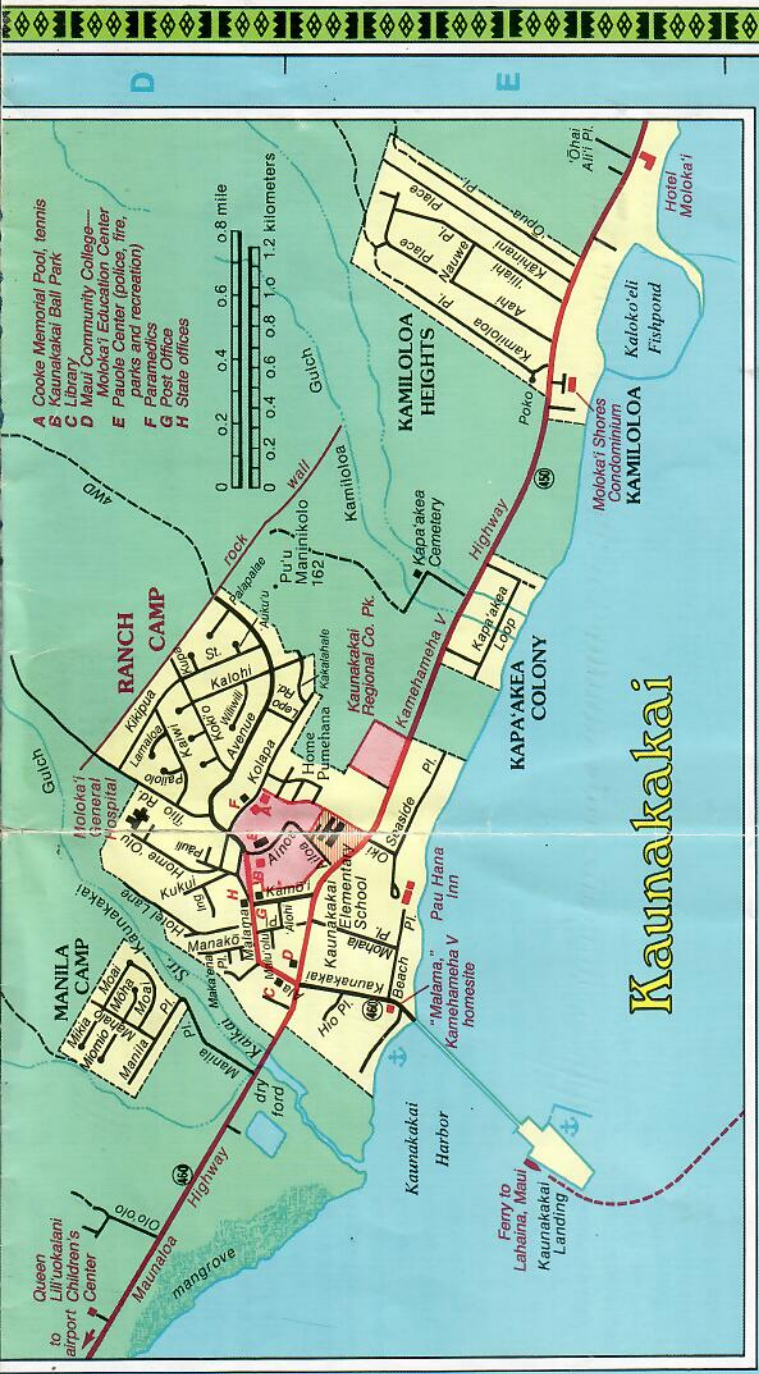
MOLOKAʻI

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MOLOKAʻI

MOLOKAʻI

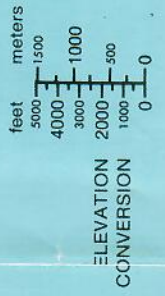
MOLOKAʻI



- A Cooke Memorial Pool, tennis
- B Kaunakakai Ball Park
- C Library
- D Maui Community College—Moloka'i Education Center
- E Paoule Center (police, fire, parks and recreation)
- F Paramedics
- G Post Office
- H State offices

Kaunakakai

PRONUNCIATION MARKS
 The glottal stop, ' , is similar to the stopping of sound between the *oh's* in English *oh-oh!* Macrons denote long, stressed vowels (ā, ē, ī, ō, ū).



PLEASE KŌKUA. Help preserve all archeological sites for future generations. Defacing petroglyphs and moving or destroying material from ancient heiaus, trails, and other features erase a part of Hawai'i's heritage.

Town	Perennial stream	State highway number
Village/settlement	Irrigation ditch or water pipeline	Mileage between red dots
Site or locality	Waterfall and length in feet	Golf course
District boundary	Coral reef	Park, county beach, preserve
Elevation in feet	Intermittent stream	Point of interest
Cave	Swamp or marsh	Small-boat harbor
Forest reserve		
	Roads	
	Principal through	
	Secondary through	
	Other (paved, gravel, graded dirt)	
	Ungraded dirt or 4-wheel drive	
	Foot or pack trail	

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Historical Information for Turtle Tag 434F727749

George H. Balazs
 Marine Turtle Research Program
 National Marine Fisheries Service
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
434F727749	1/27/2003	PIT	RHF
4358792703	1/27/2003	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter			Overall			
						Interval	Year	Growth-Rates	Interval	Year	Growth-Rates	
						Month	Year	cm/mo	cm/mo	Year	cm/mo	cm/yr
1/27/2003						---	---	---	---	---	---	---
8/26/2003	Near Shore	Molokai, Pálaau, "Harbor" edge, Near outer entr	0	-	67.2	6.0	0.5	0.3	6.0	0.5	0.3	4.0

Historical Information for Turtle Tag 434F727749

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 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
434F727749	1/27/2003	PIT	RHF
4358792703	1/27/2003	PIT	LHF

Date	Type of Encounter	Location:	Tumor Rank:	Nesting Act:	Curved Carapace	Since Last Encounter			Overall		
						Interval Month	Year	Growth-Rates cm/mo	Interval Month	Year	Growth-Rates cm/mo
1/27/2003	Near Shore	Molokai, Palaaau	0	-	71.0	---	---	---	---	---	---
8/26/2003	Near Shore	Molokai, Palaaau, "Harbor" edge, Near outer entr	0	-	72.5	6.0	0.5	0.3	6.0	0.5	3.0



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES
PUU KAPEELUA AVENUE
HOOLEHUA, HAWAII 96729

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HISTORIC PRESERVATION PROGRAM
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

April 28, 1995

George,

Here at long last! The data was extracted from my daily notes, monthly reports, time sheets, turtle log book, etc. It represents the *minimum* number of incidents here on Molokai. There were times I failed to record episodes because they seem so superfluous (or I was too lazy or forgot!). It's actually good to have it all together in a single running log. It should be easier (and more motivating) from now on. Call if you have any questions.

Also enclosed are some articles I've been saving for you.

Best regards,

Bee

FRMHC
 2005 = 7
 Recovers N = 7

Historical Information for Turtle Tag 35721272

George H. Balazs
 Marine Turtle Research Program
 NOAA Pacific Islands Fisheries Service
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
35721272	7/5/1999	PIT	RHF
36314925	7/5/1999	PIT	LHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Straight Carapace	Since Last Encounter				Overall				
						Interval	Year	cm/mo	Growth-Rates cm/yr	Interval	Year	cm/mo	Growth-Rates cm/yr	
7/5/1999	Near Shore	Molokai, Pa.aau A, Segundo	1	-	44.0	---	---	---	---	---	---	---	---	---
7/18/2005	Near Shore	Molokai, Palaau	0	-	59.2	72.0	6.0	0.2	2.5	72.0	6.0	0.2	2.5	

Historical Information for Turtle Tag R274

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 NOAA Pacific Islands Fisheries Service
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 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
45274A7A68	7/20/2005	PIT	LHF
4528650F2F	7/20/2005	PIT	RHF
R274	7/30/1992	I681	RFL
R275	7/30/1992	I681	LFL
R276	7/30/1992	I681	LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act.</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
7/30/1992	Near Shore	Molokai, Palaau B	1	-	53.7	---	---	---	---	---	---	---
7/20/2005	Near Shore	Molokai, Palaau	0	-	73.4	155.0	12.9	0.1	155.0	12.9	0.1	1.5

Historical Information for Turtle Tag 36043B76

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 NOAA Pacific Islands Fisheries Service
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
36043B76	7/5/1999	PIT	LHF
3E530B73	7/5/1999	PIT	RHF
4413336812	7/20/2005	PIT	RHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
7/5/1999	Near Shore	Molokai, Palaau A, Segundo	0	-	41.1	---	---	---	---	---	---	---
7/20/2005	Near Shore	Molokai, Palaau	1	-	57.9	72.0	6.0	0.2	72.0	6.0	0.2	2.8

Historical Information for Turtle Tag 4523363A0C

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 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
4523363A0C	7/20/2004	PIT	LHF
452644470E	7/20/2004	PIT	RHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
7/20/2004	Near Shore	Molokai, Palaau A	0	-	54.7	---	---	---	---	---	---	---
7/21/2005	Near Shore	Molokai, Palaau	0	-	55.9	12.0	1.0	0.1	12.0	1.0	0.1	1.2

Historical Information for Turtle Tag 41504D2E12

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 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
41504D2E12	7/26/2002	PIT	RHF
443255434A	7/26/2002	PIT	LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
7/26/2002	Near Shore	Molokai, Palaau, Farther West	0	-	63.6	---	---	---	---	---	---	---
7/21/2005	Near Shore	Molokai, Palaau	0	-	70.2	35.0	2.9	0.2	35.0	2.9	0.2	2.3

Historical Information for Turtle Tag V611

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 Marine Turtle Research Program
 NOAA Pacific Islands Fisheries Service
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
44121F415C	7/21/2005	PIT	LHF
44143C0C15	7/21/2005	PIT	RHF
V611	7/21/1993	I681	RFL
V612	7/21/1993	I681	LFL
V613	7/21/1993	I681	RHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act.</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
7/21/1993	Near Shore	Molokai, Palaau, N	1	-	56.2	---	---	---	---	---	---	---
7/21/2005	Near Shore	Molokai, Palaau	0	-	74.9	144.0	12.0	0.1	144.0	12.0	0.1	1.6

Historical Information for Turtle Tag 452419431D

George H. Balazs

Marine Turtle Research Program

NOAA Pacific Islands Fisheries Science Center

2570 Dole Street

Honolulu, Hawaii 96822-2396

gbalazs@hnlab.nmfs.hawaii.edu

Tag Information:

<u>Tag Number</u>	<u>Date</u>	<u>Tag Type</u>	<u>Tag Position</u>
452419431D	7/20/2004	PIT	RHF
452421643F	7/20/2004	PIT	LHF

<u>Date</u>	<u>Type of Encounter</u>	<u>Location</u>	<u>Tumor Rank</u>	<u>Nesting Act</u>	<u>Straight Carapace</u>	<u>Since Last Encounter</u>			<u>Overall</u>			
						<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	<u>Interval</u>	<u>Year</u>	<u>Growth-Rates</u>	
						<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>Month</u>	<u>Year</u>	<u>cm/mo</u>	<u>cm/yr</u>
7/20/2004	Near Shore	Molokai, Palau A	0	-	72.3	---	---	---	---	---	---	---
7/21/2005	Near Shore	Molokai, Palau	0	-	72.9	12.0	1.0	0.0	12.0	1.0	0.0	0.6

NMFS, HONOLULU LAB
 Marine Turtle Research
 2570 Dole Street
 Honolulu, HI 96822-2396

20 Frozen Vials Fedexed to Jim Casey (8/31/99)
 from July 1999 Palaau, Molokai Expedition
 = ECTOPARASITE SAMPLING =

() Vial ID PIT tag	Marking Pen Vial ID	Marking Pen Other Vial Info	CONTENTS
(0) 4137000206	#10	7-9-99	Leeches (mouth)
(3) 4136094555	#19	-	Leeches (LFF Tumor)
(0) -	#9	7-8-99	Neck - 6 Amphipods
(1) -	#28	-	Mouth leeches
(0) -	#9	-	Mouth 1 Amphipod
(0) 41362D2968	#6	7-9-99	- FOOTNOTE A
(2) 4104083C02	#21	7-9-99	- 2 Amphipods
(1) -	#26	-	- 2 Amphipods (mouth)
(0) 41360A413C	#5	7-9-99	- FOOTNOTE B
(2) -	#21	7-9-99	Tumor FOOTNOTE C
(0) -	#10	7-6-99	7 Mouth Amphipods
(2) -	#13	7-6-99	- FOOTNOTE D
(0) -	#3	7-6-99	- 2 Mouth Leeches
(2) -	#11	7-6-99	- 1 Amphipod (LFF Tumor)
(2) -	#12	7-6-99	- 1 Leech (Glottal Tumor)
(0) -	#2	7-7-99	3 Amphipods
(0) -	#6	7-7-99	- 1 Amphipod (mouth)
(0) -	#7	-	Amphipod (Jaw hinge)
(0) -	#1	7-7-99	Neck - 4 Amphipods
(0) -	#1	7-6-99	1 Amphipod

FOOTNOTE A - CONTENTS UNCERTAIN - LEECHES OR AMPHIPODS?
 B - " " " "
 C - CONTENTS UNCERTAIN - TUMOR BIOPSY, LEECHES, OR AMPHIPODS?
 D - " " - LEECHES OR AMPHIPODS?

JIM - VISUAL EXAM OF THE CONTENTS OF THE ABOVE 4 VIALS SHOULD EASILY DETERMINE WHAT THEY ARE. PLEASE DO THAT BEFORE PROCESSING. George

() = OVERALL TUMOR SCORE OF TURTLE.

PCR Results

NMFS, HONOLULU LAB
 Marine Turtle Research
 2570 Dole Street
 Honolulu, HI 96822-2396

20 Frozen Vials Fedeked to Jim Casey (8/31/99)
 From July 1999 Palau, Molokai Expedition
 - ECTOPARASITE SAMPLING -

() Vial ID PIT tag	Marking Pen Vial ID	Marking Pen Other Vial Info	CONTENTS
(0) 4137000206	#10 +	7-9-99	Leeches (mouth)
(3) 4136094555	#19 +	-	Leeches (LFF tumor)
(0) -	#9 -	7-8-99	Neck - 6 Amphipods
(1) -	#28 - (+)	.	Mouth leeches
(0) -	#9 -	.	Mouth 1 Amphipod
(0) 41362D2968	#6 -	7-9-99	- FOOTNOTE A
(a) 4104083C02	#21 ++++	7-9-99	- 2 Amphipods
(1) -	#26 -	-	- 2 Amphipods (mouth)
(0) 41360A413C	#5 -	7-9-99	- FOOTNOTE B
(2) -	#21 -	7-9-99	Tumor FOOTNOTE C
(0) -	#10 -	7-6-99	7 Mouth Amphipods
(2) -	#13 -	7-6-99	- FOOTNOTE D
(0) -	#3 +	7-6-99	- 2 Mouth Leeches
(2) -	#11 -	7-6-99	- 2 Amphipods (Tumor)
(2) -	#12 +	7-6-99	- 1 Large (6.0mm) Tumor
(0) -	#2 -	7-7-99	3 Amphipods
(0) -	#6 -	7-7-99	- 1 Amphipod (mouth)
(0) -	#7 -	-	Amphipod (jaw hinge)
(0) -	#1 -	7-7-99	Neck - 4 Amphipods
(0) -	#1 -	7-6-99	1 Amphipod

FOOTNOTE A - CONTENTS UNCERTAIN - LEECHES OR AMPHIPODS?
 B - " " " "
 C - CONTENTS UNCERTAIN - TUMOR Biopsy, LEECHES, OR AMPHIPODS?
 D - " " - LEECHES OR AMPHIPODS?

JIM - VISUAL EXAM OF THE CONTENTS OF THE ABOVE 4 VIALS SHOULD EASILY DETERMINE WHAT THEY ARE. PLEASE DO NOT before processing. (Gauge)
 () = OVERALL TUMOR SCORE OF TUMOR.

808 943 2902

1997-1999 Molokai TAG RESIGHTINGS

Historical information for turtle 040C1570

National Marine Fisheries Service
2570 Dole Street
Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
------------	-------------	----------	--------------

040C1570	07/19/96	PIT.	PIT
----------	----------	------	-----

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall		
							Interval Month	Year	Interval Month	Year	Interval Growth-rates cm/mon
07/19/96	Near Shore		Molokai, Palaau D	2	-	55.9	---	---	---	---	---
06/29/97	Near Shore		Molokai, Palaau F	2	-	56.9	11	0.9	11	0.9	0.1 1.1

1997-1999 Molokai Resightings

Historical information for turtle V571

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
7752313F	06/29/97	PIT	PIT
V571	12/04/91	I681	RFL
V572	12/04/91	I681	LFL
V573	12/04/91	I681	RHF

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall		
						Interval Month	Year	Interval Month	Year	Growth-rates cm/mon
12/04/91	Near Shore	Molokai, Palaau F	2	-	59.4	---	---	---	---	---
06/29/97	Near Shore	Molokai, Palaau F	0	-	70.3	66	5.5	66	5.5	0.2 2.0

George ~
 I double-checked the
 hard copies and it's correct.
 A regression!

Historical information for turtle Y367

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
774C3575	06/29/97	PIT	PIT
Y367	07/04/89	I681	RFL
Y368	07/04/89	I681	LFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
07/04/89	Near Shore		Molokai, Palau A	0	-	59.8	---	---	---	---	---	---
06/29/97	Near Shore		Molokai, Palau F	3	-	77.1	95	7.9	95	7.9	0.2	2.2

Historical information for turtle Y781

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
77584725	06/30/97	PIT	PIT
Y781	05/08/90	I681	LFL
Y782	05/08/90	I681	RFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
05/08/90	Near Shore		Molokai, Pataau A	0	-	62.0	---	---	---	---	---	---
06/30/97	Near Shore		Molokai, Pataau F	0	-	71.8	85	7.1	0.1	85	7.1	0.1

Historical information for turtle 04231557

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
04231557	07/17/96	PIT	PIT

Historical information--

Date	Encounter Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall			
						Interval Month	Year	Interval Month	Year	Growth-rates cm/mon	Growth-rates cm/yr
07/17/96	Near Shore	Molokai, Palauu F	2	-	67.6	---	---	---	---	---	
07/01/97	Near Shore	Molokai, Palauu F	2	-	67.9	11	0.9	11	0.9	0.0	0.3

Historical information for turtle B486

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
71065614	07/12/95	PIT	PIT
B486	07/12/95	I681	RFL
B487	07/12/95	I681	LFL
B488	07/12/95	I681	LHF
B489	07/12/95	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall				
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon		
07/12/95	Near Shore		Molokai, Palaaau A	0	-	56.1	---	---	---	---	---	---		
07/12/95	Near Shore		Molokai, Palaaau G	0	-	56.1	---	---	---	---	---	---		
07/01/97	Near Shore		Molokai, Palaaau F	2	-	61.2	23	1.9	0.2	2.7	23	1.9	0.2	2.7

Historical information for turtle 10766

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
10766	07/12/88	I681	RFL
10767	07/12/88	I681	LFL
6C525E45	07/02/97	PIT	PIT
70740E6F	07/12/95	PIT	PIT
B840	07/12/95	I681	RHF
H580	05/27/92	I681	LHF
T50267	05/27/92	T1	L34

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/yr
07/12/88	Near Shore		Molokai, Pataau A	0	-	62.8	---	---	---	---	---	---
05/27/92	Near Shore		Molokai, Pataau E	1	-	68.9	46	3.8	0.1	46	3.8	0.1
07/12/95	Near Shore		Molokai, Pataau A	2	-	70.1	37	3.1	0.0	84	7.0	0.1
07/12/95	Near Shore		Molokai, Pataau G	2	-	70.1	---	---	---	84	7.0	0.1

Another regression case

--Continued
Historical information--

2

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall				
						Interval Month	Interval Year	Growth-rates cm/mon	Interval Month	Interval Year	Growth-rates cm/mon		
07/02/97	Near Shore	Molokai, Palau B	1	-	70.8	23	1.9	0.0	0.4	107	8.9	0.1	0.9

Historical information for turtle 9464

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
0420247A	07/17/96	PIT	PIT
9464	07/19/85	I681	LFL
9465	07/19/85	I681	RFL
H539	05/26/92	I681	RHF
H540	05/26/92	I681	LHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall				
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon cm/yr		
07/19/85	Near Shore		Molokai, Palaaau	0	-	43.8	---	---	---	---	---	---		
05/26/92	Near Shore		Molokai, Palaaau E	0	-	56.6	82	6.8	0.2	1.9	82	6.8	0.2	1.9
07/17/96	Near Shore		Molokai, Palaaau F	3	-	63.0	49	4.1	0.1	1.6	131	10.9	0.1	1.8
07/02/97	Near Shore		Molokai, Palaaau B	3	-	62.8	11	0.9	0.0	-0.2	143	11.9	0.1	1.6

Historical information for turtle H630

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
69127175	07/02/97	PIT	PIT
H630	05/28/92	I681	LFL
H631	05/28/92	I681	RHF
T50290	05/28/92	T1	RFL

Historical information--

Date	Encounter	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
05/28/92	Near Shore	Molokai, Palaaau E		0	-	68.4	---	---	---	---	---	---
07/02/97	Near Shore	Molokai, Palaaau B		0	-	76.9	61	5.1	0.1	61	5.1	0.1

Historical information for turtle J174

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
69513572	07/02/97	PIT	PIT
J174	07/19/93	I681	RFL
J175	07/19/93	I681	LFL
J176	07/19/93	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall			
							Interval Month	Year	Interval Month	Year	Growth-rates cm/mon	Growth-rates cm/yr
07/19/93	Near Shore		Molokai, Palaaau N	1	-	57.6	---	---	---	---	---	
07/02/97	Near Shore		Molokai, Palaaau B	0	-	68.7	47	3.9	47	3.9	0.2	2.8

TUMOR

Regression!

Historical information for turtle J766

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
687B1269	07/02/97	PIT	PIT
J766	09/28/94	I681	RFL
J767	09/28/94	I681	LFL
J768	09/28/94	I681	RHF
J769	09/28/94	I681	LHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall	
							Interval Month	Growth-rates cm/yr	Interval Month	Growth-rates cm/mon
09/28/94	Near Shore		Molokai, Palaaau B	1	-	59.9	---	---	---	---
07/02/97	Near Shore		Molokai, Palaaau B	1	-	63.0	33	2.8	33	2.8
							0.1	1.1	0.1	1.1

Historical information for turtle R298

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
7065315B	07/02/97	PIT	PIT
R298	07/30/92	1681	RFL
R299	07/30/92	1681	LHF
R300	07/30/92	1681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall		
							Interval Month	Year	Interval Month	Year	Growth-rates cm/mon
07/30/92	Near Shore		Molokai, Pataau B	1	-	57.9	---	---	---	---	---
07/02/97	Near Shore		Molokai, Pataau B	1	-	67.9	59	4.9	59	4.9	0.2 2.0

Historical information for turtle V121

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
36232112	07/08/99	PIT	LHF
75211833	07/02/97	PIT	PIT
T50242	12/05/91	---	RFL
V121	12/05/91	1681	LFL
V122	12/05/91	1681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
12/05/91	Near Shore		Molokai, Palaaau F	0	-	55.4	---	---	---	---	---	---
07/02/97	Near Shore		Molokai, Palaaau B	1	-	62.4	66	5.5	0.1	66	5.5	0.1
07/08/99	Near Shore		Molokai, Palaaau D	2	-	62.1	24	2.0	0.0	91	7.6	0.1

Historical information for turtle V569

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
T50226	12/04/91	T1	LFL
V569	12/04/91	I681	RFL
V570	12/04/91	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
12/04/91	Near Shore		Molokai, Palaau F	0	-	71.0	---	---	---	---	---	---
07/02/97	Near Shore		Molokai, Palaau B	1	-	76.9	66	5.5	0.1	66	5.5	0.1

Historical information for turtle V768

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
7748473A	07/07/98	PIT	PIT
V768	11/16/91	I681	LFL
V769	11/16/91	I681	RFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon	
11/16/91	Near Shore	Molokai, Palaaau E		2	-	64.0	---	---	---	---	---	---	
07/07/98	Near Shore	Molokai, Palaaau B		0	-	77.9	79	6.6	0.2	2.1	79	6.6	0.2

Xumbo Regression of I#3 R-eye noted as suspicious bump on 7-7-98

Historical information for turtle 10953

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
10953	07/15/88	I681	LFL
10954	07/15/88	I681	RFL
77573127	07/08/98	PIT	PIT

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon	
07/15/88	Near Shore		Molokai, Palaau E	0	-	46.0	---	---	---	---	---	---	
07/08/98	Near Shore		Molokai, Palaau B	1	-	73.5	119	9.9	0.2	2.8	119	9.9	0.2

Historical information for turtle 773C1717

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
773C1717	07/03/97	PIT	PIT

Historical information--

Date	Encounter Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall	
						Interval Month	Growth-rates cm/mon	Interval Month	Growth-rates cm/mon
07/03/97	Near Shore	Molokai, Pataau B	0	-	49.4	---	---	---	---
07/08/98	Near Shore	Molokai, Pataau B	0	-	53.4	12	1.0	0.3	4.0

Historical information for turtle 9795

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
7738772E	07/08/98	PIT	PIT
9795	06/03/87	I681	RHF
9799	06/03/87	I681	LFL
9800	06/03/87	I681	RFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon	
06/03/87	Near Shore		Molokai, Palauu	0	-	84.6	---	---	---	---	---	---	
07/08/98	Near Shore		Molokai, Palauu B	2	-	87.6	133	11.1	0.0	0.3	133	11.1	0.0

Historical information for turtle B826

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
10250823	07/12/95	PIT	PIT
B826	07/12/95	I681	R34
B827	07/12/95	I681	LFL
B828	07/12/95	I681	LHF
B829	07/12/95	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall				
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon		
07/12/95	Near Shore	Molokai, Palauu A		2	-	77.4	---	---	---	---	---	---		
07/12/95	Near Shore	Molokai, Palauu G		2	-	77.4	---	---	---	---	---	---		
07/08/98	Near Shore	Molokai, Palauu B		3	-	77.1	35	2.9	0.0	-0.1	35	2.9	0.0	-0.1

Historical information for turtle Y811

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
07557557	09/24/96	PIT	PIT
Y811	05/08/90	I681	RFL
Y812	05/08/90	I681	LFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
05/08/90	Near Shore		Molokai, Palaaau A	0	-	56.2	---	---	---	---	---	---
09/24/96	Near Shore		Molokai, Palaaau B	0	-	71.8	76	6.3	0.2	76	6.3	0.2
07/08/98	Near Shore		Molokai, Palaaau B	0	-	74.6	21	1.8	0.1	98	8.2	0.2

Historical information for turtle 041A3E3D

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
041A3E3D	09/25/96	PIT	PIT

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon	
09/25/96	Near Shore		Molokai, Palaaau B	0	-	69.0	---	---	---	---	---	---	
07/09/98	Near Shore		Molokai, Palaaau A	0	-	71.6	21	1.8	0.1	1.4	21	1.8	0.1

Historical information for turtle 9498

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
7A474021	07/09/98	PIT	PIT
9498	10/03/85	I681	LFL
9499	10/03/85	I681	RFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall	
							Interval Month	Growth-rates cm/yr	Interval Month	Growth-rates cm/mon
10/03/85	Near Shore		Molokai, Palauu	0	-	68.5	---	---	---	---
07/09/98	Near Shore		Molokai, Palauu A	0	-	82.6	153	12.8	153	12.8
							0.1	1.1	0.1	1.1

Historical information for turtle B449

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
74557424	07/11/95	PIT	PIT
B449	07/11/95	I681	LFL
B450	07/11/95	I681	R34
B451	07/11/95	I681	LHF
B452	07/11/95	I681	RHF

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
						Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
07/11/95	Near Shore	Molokai, Palaa A	2	-	63.8	---	---	---	---	---	---
07/09/98	Near Shore	Molokai, Palaa A	3	-	64.9	35	2.9	0.0	35	2.9	0.0

Historical information for turtle B877

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
702C3164	07/09/98	PIT	PIT
B877	07/13/95	I681	LHF
B878	07/13/95	I681	RHF
B879	07/13/95	I681	LFL
B880	07/13/95	I681	RFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
07/13/95	Near Shore		Molokai, Palaaau A	1	-	69.6	---	---	---	---	---	---
07/09/98	Near Shore		Molokai, Palaaau A	3	-	73.1	35	2.9	0.1	35	2.9	0.1

Historical information for turtle H592

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
77374830	07/09/98	PIT	PIT
H592	05/27/92	I681	RFL
H593	05/27/92	I681	RHF
T50272	05/27/92	T1	LFL

Historical information--

Date	Encounter	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall			
							Interval Month	Year	Interval Month	Year	Growth-rates cm/mon	Growth-rates cm/yr
05/27/92	Near Shore	Molokai, Palaau E		0	-	59.7	---	---	---	---	---	
07/09/98	Near Shore	Molokai, Palaau A		2	-	65.3	73	6.1	73	6.1	0.1	0.9

Historical information for turtle R346

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
74481315	07/09/98	PIT	PIT
R346	07/31/92	1681	LFL
R347	07/31/92	1681	RHF
R348	07/31/92	1681	RFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter		Overall			
							Interval Month	Year	Interval Month	Year	Growth-rates cm/mon	Growth-rates cm/yr
07/31/92	Near Shore		Molokai, Palauu B	0	-	53.0	---	---	---	---	---	
07/09/98	Near Shore		Molokai, Palauu A	0	-	64.8	71	5.9	71	5.9	0.2	2.0

Historical information for turtle V876

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
7A544A33	07/09/98	PIT	PIT
V876	07/22/93	I681	RFL
V877	07/22/93	I681	LFL
V878	07/22/93	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
07/22/93	Near Shore		Molokai, Palaau O	0	-	42.2	---	---	---	---	---	---
07/09/98	Near Shore		Molokai, Palaau A	0	-	58.6	59	4.9	0.3	59	4.9	0.3

Historical information for turtle B498

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
35671D4D	07/05/99	PIT	RHF
604A6446	07/12/95	PIT	PIT
B498	07/12/95	I681	LFL
B499	07/12/95	I681	RFL
B500	07/12/95	I681	LHF
B801	07/12/95	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon
07/12/95	Near Shore		Molokai, Palaau A	0	-	49.7	---	---	---	---	---	---
07/12/95	Near Shore		Molokai, Palaau G	0	-	49.7	---	---	---	---	---	---
07/05/99	Near Shore		Molokai, Palaau A	0	-	59.5	47	3.9	0.2	47	3.9	0.2

Historical information for turtle 04114910

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
04114910	09/24/96	PIT	PIT
35736175	07/08/99	PIT	LHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
							Month	Year	Growth-rates cm/yr	Month	Year	Growth-rates cm/mon	
09/24/96	Near Shore		Molokai, Palaaau B	0	-	62.5	---	---	---	---	---	---	
07/08/99	Near Shore		Molokai, Palaaau D	0	-	65.3	33	2.8	0.1	1.0	33	2.8	0.1

Historical information for turtle 6F244608

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
3E1F2C47	07/08/99	PIT	LHF
6F244608	07/02/97	PIT	PIT

Historical information--

Date	Type of Encounter	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
						Interval Month	Year	Growth-rates cm/mon	Interval Month	Year	Growth-rates cm/mon	
07/02/97	Near Shore	Molokai, Palau B	0	-	54.3	---	---	---	---	---	---	---
07/08/99	Near Shore	Molokai, Palau D	0	-	55.5	24	2.0	0.1	24	2.0	0.1	0.6

Historical information for turtle V121

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
36232112	07/08/99	PIT	LHF
75211833	07/02/97	PIT	PIT
T50242	12/05/91	---	RFL
V121	12/05/91	I681	LFL
V122	12/05/91	I681	RHF

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall		
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon
12/05/91	Near Shore		Molokai, Palaaau F	0	-	55.4	---	---	---	---	---	---
07/02/97	Near Shore		Molokai, Palaaau B	1	-	62.4	66	5.5	0.1	66	5.5	0.1
07/08/99	Near Shore		Molokai, Palaaau D	2	-	62.1	24	2.0	0.0	91	7.6	0.1

Historical information for turtle N358

National Marine Fisheries Service
 2570 Dole Street
 Honolulu Hawaii 96822-22396

Tag information--

Tag Number	Date Tagged	Tag Type	Tag Position
361E7A70	07/08/99	PIT	RHF
3E546609	07/08/99	PIT	LHF
N358	07/11/90	1681	RFL
Z183	07/11/90	R	LFL

Historical information--

Date	Encounter	Type of	Location	Tumor Score	Nesting Activity	Straight Length	Since Last Encounter			Overall			
							Interval Month	Year	Growth-rates cm/yr	Interval Month	Year	Growth-rates cm/mon	
07/11/90	Near Shore		Molokai, Palaaau F	0	-	50.5	---	---	---	---	---	---	
07/08/99	Near Shore		Molokai, Palaaau D	0	-	65.7	107	8.9	0.1	1.7	107	8.9	0.1

cf,

George,

① This is just an updated version of what I sent you 4/5/95.

Only 5 additional reported incidents since then.

Many other causal comments about dead/sick turtles, but these were not (or could not be) confirmed ... and is not stated in this log.

② do problem of sending you sick/dying home.

③ gotta get on FALCONET so we can communicate better! (B)

I
(me)

TURTLE INC

<i>Date</i>	<i>Type</i>	<i>Location</i>	<i>Length</i>	<i>Tag(s)</i>	<i>Disposal</i>
7/1/76	nesting	Waikane			
11/1/81	stranding	Pukoo	23 cm		sent NMFS
1/15/83	tags			3188, 3269	
11/12/83	stranding	Kamalo Harbor	60 cm		ocean
9/4/83	nesting	Kalaupapa			
1/23/84	remains	landfill	71-74.5 cm		
2/15/84	stranding	Kawela	105 cm		landfill
2/22/84	remains	Kalumaula	70-85 cm		
6/28/84	remains	Kaluaaha	80 cm		
9/10/84	tags			6606, 6605	
9/7/84	remains	Kaluaaha	85 cm		
11/28/84	stranding	Halawa	5.0 cm		sent NMFS
6/17/85	remains	Kawela	60 to 92 cm		
9/3/85	sighting	Moomomi Bay			
11/13/85	sighting	Kepuhi			
6/1/86	nesting	Kawaaloa			
8/1/86	nesting	Kawaaloa Bay			
9/19/86	remains	Kawaaloa Bay	hatchlings		
10/28/86	tags			3208	
4/9/87	stranding	Pukoo	80 cm	9605,6	ocean
3/6/88	remains	Kawela	35.5 (plastron)		
3/25/88	sighting	Ilio Point			
4/2/88	sighting	Palaau		6730	
4/27/88	strandings	Ualapue			sent NMFS
7/6/88	nesting	Kawaaloa			
7/29/88	nesting	Kawaaloa			
7/30/88	nesting	Kawaaloa			
8/14/88	nesting	Kawaaloa			
8/28/88	nesting	Kawaaloa			
4/6/89	stranding	Honomuni	60 cm		ocean
5/11/89	tags	Palaau		7939,40	
6/10/89	remains	Kamililoa	87 cm	8625	landfill

IDENTS ON MOLOKAI

<i>Comments</i>					
tracks went across the road into kiawe trees; (W.Wescott)					
olive ridley; RFF entangled in monofilament net, still alive					
anonymous; tagged 2-1/2 years ago at Whale Skate Island, NWHI					
reported by passing tourist					
two pits; reported by patient over phone					
3 honu carapaces					
all flippers cut off; neck slit;					
7 greens; under in kiawe trees					
on beach betw'n Niaupala & Kaopeahina fishponds.					
anonymous					
carapace & plastron					
juvenile hawksbill found by high school student					
3 greens under bush at Foster's; carapaces					
"many small turtles" swimming along shoreline; seen by homesteader while netting lobster					
"many small turtles" swimming; reported by surfer					
reported by Dr. Langer & Dr. Koch					
3-4 pits high up in vegetation; tracks					
two dehydrated greens under kiawe bushes; w/GB					
anonymous					
"sick" green on beach; tagged and released; reported by tour group from Maui; photos					
bones; scales; photos					
leatherback encountered at 140'; red eyes (A.Puaa)					
read number and released (A.Puaa)					
DOA; found floating on water; (E.Misaki)					
1 set tracks; no pits; 43.5" chevron (E.Misaki)					
3 set tracks; 5 pits; photos					
1 set tracks; 2 pits; photos (J.Aidem)					
1 set tracks; 5 pits in pohuehue; hatched 10/10/88; shells from Aidem.					
1 set tracks; 2 pits; (J.Aidem)					
floundering green; released w/out tagging; sick from recent oil spill in area?					
anonymous; envelope to GB					
tumors; RFF missing; photos					

7/10/89	sighting	Palaau		7154	
7/29/89	nesting	Kawaaloo			
8/13/89	stranding	Kamililoa	81 cm		ocean
8/30/89	stranding	Pukoo	60 cm	9182,3	ocean
12/3/89	stranding	Ualapue	98 cm		ocean
2/8/90	remains	K'kai	60 (plastron)		
6/13/90	stranding	Kalani	45 cm		
9/3/90	stranding	Wailua	43 cm		ocean
11/30/90	stranding	Kainalu	84 cm		ocean
12/21/90	stranding	One Alii	82 cm		
3/20/91	stranding	Kanoa	66 cm		ocean
6/19/91	nesting	Kawaaloo			
7/8/91	nesting	Kawaaloo			
9/2/91	nesting	Kawaaloo			
9/2/91	nesting	Kawaaloo			
9/20/91	nesting	Kalani			
9/27/92	stranding	Kamililoa	82 cm		ocean
11/4/92	stranding	Mapulehu	68 cm		ocean
8/4/93	stranding	Kalani	76 cm		
9/17/93	nesting	Halawa			
11/28/93	stranding	K'kai Wharf	84 cm		ocean
3/23/94	stranding	Kainalu	80 cm		ocean
4/20/94	stranding	Kawela	88 cm		landfill
10/7/94	stranding	Kainalu	45 cm		
1/3/95	stranding	Kainalu	91 cm		ocean
1/6/95	stranding	Wailua	90 cm		ocean
2/12/95	stranding	K'kai	52 cm	H710,1	
3/18/95	sighting	Palaau			
4/5/95	tags	Palaau		V587,8	
2/7/96	stranding	Ohia	90 cm	7293-4	ocean
5/1/96	stranding	Kamiloloa	27 cm		ocean
5/2/96	stranding	One Alii	48 cm		ocean
5/5/96	stranding	Kanoa Fishpond	26 cm		bury
5/19/96	stranding	Kamiloloa	25 cm		bury

large male; (E.Mederios)				
1 set tracks; no pits (A.Jones)				
DOA; washed up in front of beach house				
tumors; grabbed by skin diver; applied tags and released; still vigorous; photos				
DOA; tumors; on isolated beach; photos				
in front of canoe shack; also few plates				
DOA; entangled in cargo net; left alone as is				
DOA;				
DOA; RFF & LFF missing; tumors				
badly decomposed; flippers & head missing; buried in rubbish pile; photos				
DOA; tumors				
one set tracks; one pit; photos				
3 set tracks; 3 pits (w/GB)				
tracks radiating from above pit; (J.Aidem, Dr. Langer)				
1 set tracks; 1 pit (J.Aidem, Dr. Langer)				
Dr. Langer; shells dug up 10/8/91 by J. Aidem				
DOA; all but LH missing; badly decomposed; photos				
DOA; tumors				
DOA; entangled in cargo nets; removed and buried in sand above high water mark.				
tracks to pohuehue; 1 pit; photos (S.Eminger)				
emaciated; tumors; released without tagging				
tumored; lethargic; swam away on its own accord before tagging.				
all but LH missing; tumors				
DOA; on beach; buried in vegetation				
tumors; LFF missing; swam off on its own; no tags applied				
DOA; tumors; both hinds missing				
DOA; removed tags; buried in sand. (Maggie Nevin)				
3; tumors; resting on coral heads; approachable to arms length; all swam off (C.Ching)				
dead on beach; (E.Horcajo)				
DOA; RFF entangled w cargo netting; large tumor on cloaca. (June & Rudy Ilgen @ Wavecrest A-308)				
washed up in front of Hotel Molokai; tumors; FF missing.				
head tangled in gill net fastened to substrate; tumors; scales peeling; dragged back into ocean for disposal				
washed up in front of Deutch's; tumors; LFF missing; buried in sand.				
washed up on beach next to Peelua; buried under keawe trees. (Joyce = new manager of Hotel Molokai)				

