

RESULTS OF TAGGING HAWAIIAN GREEN SEA TURTLES CONDUCTED UNDER
STATE OF HAWAII SCIENTIFIC COLLECTING PERMIT 85-05

Tag No.	Straight carapace				
	Length (cm)	Width (cm)	Plastron (cm)	Head (cm)	Tail (cm)
KAWELA BAY, OAHU					
<u>March 26, 1985</u>					
8751, 8752	49.9	40.7	40.1	8.2	7.0
8753, 8754	44.0	35.7	35.5	6.9	7.5
8755, 8756	56.4	45.2	46.1	9.0	10.5
8757, 8758	55.9	43.2	45.4	8.6	12.5
8759, 8760	59.6	48.6	48.0	9.6	14.0
¹ 8761, 8762, 8763	64.0	52.0	50.9	9.5	14.0
8764, 8765, 8766	69.0	54.5	57.6	10.7	16.0
8767, 8768, 8769	75.1	61.2	59.8	11.4	14.5
8770, 8771, 8772	66.3	52.3	55.4	10.6	16.0
8773, 8774	38.7	34.3	31.1	6.4	8.5
¹ Turtle recaptured 4/15/85 and 7/2/85 at Kawela Bay.					
<u>March 27, 1985</u>					
² 8775, 8776, 8777	67.5	52.1	53.1	10.4	14.0
8778, 8779, 8780	54.4	44.9	44.6	9.2	11.0
8781, 8782, 8783	72.0	55.4	57.0	10.7	16.5
8784, 8785	53.1	44.2	43.8	8.2	9.0
8786, 8787, 8788	67.0	54.0	55.5	10.3	13.0
8990, 8991	69.7	53.5	55.2	10.6	15.5
8992, 8993, 8994	74.7	56.1	61.8	11.0	18.5
³ 8995, 8996, 8997	66.3	51.7	54.2	10.1	14.0
--	55.5	44.0	44.3	10.5	10.5

²Turtle recaptured 7/3/85 at Kawela Bay.

³Turtle died from cardiovascular fluke infection, see attached histology report by Dr. Grant N. Stemmermann.

Results of tagging, Continued.

Tag No.	Straight carapace		Plastron (cm)	Head (cm)	Tail (cm)
	Length (cm)	Width (cm)			
<u>April 15, 1985</u>					
⁴ 8761, 8762, 8763	64.1	52.0	51.0	9.6	12.5
8798, 8799, 8800	65.7	50.2	53.7	9.8	11.0
8801, 8802, 8803	54.0	39.9	43.1	8.5	9.5
8804, 8805	40.4	34.5	32.3	6.7	6.0
8806, 8807, 8808	61.9	48.2	48.3	9.2	11.5
8809, 8810, 8811	67.6	53.3	55.3	10.2	13.5
⁴ Turtle originally tagged 3/26/85 at Kawela Bay; recaptured again 7/2/85 at Kawela Bay.					
<u>June 25, 1985</u>					
8489, 8490	42.5	33.1	33.5	6.6	9.5
<u>June 27, 1985</u>					
8493, 8494	40.8	34.0	33.0	6.9	7.5
8495, 8496	44.9	36.8	35.9	7.8	8.0
8497, 8498	47.6	37.9	37.8	7.8	10.0
8499, 8500, 8501	60.9	46.6	47.9	9.0	14.0
8502, 8503, 8504	67.7	54.7	56.2	10.0	12.5
<u>July 3, 1985</u>					
⁵ 8761, 8763, 8505	64.5	52.3	51.6	9.6	13.2
8506, 8507	67.0	52.8	52.9	10.0	13.0
8508, 8509	43.4	33.8	34.6	7.3	7.2
8510, 8511	50.2	40.2	40.4	7.8	9.5
8512, 8513	52.9	40.1	41.7	8.1	8.5
⁶ 8778, 8779, 8780	54.6	45.3	44.9	9.2	10.0

⁵Turtle originally tagged 3/26/85 at Kawela Bay; recaptured again 4/15/85 at Kawela Bay.

⁶Turtle originally tagged 3/27/85 at Kawela Bay.

Results of tagging, Continued.

Tag No.	Straight carapace		Plastron (cm)	Head (cm)	Tail (cm)
	Length (cm)	Width (cm)			
MAUNALUA BAY (HAWAII KAI), OAHU					
<u>April 30, 1985</u>					
7257, 7258	39.2	34.8	31.1	6.3	7.0
<u>May 15, 1985</u>					
7273, 7274	41.7	34.5	34.3	6.6	7.0
7275, 8451, 8452	62.2	49.2	49.8	9.6	13.0
KEOMUKU, LANAI					
<u>May 4-6, 1985</u>					
7259, 7260	52.1	41.2	41.2	7.8	10.0
7261, 7262, 7263	75.8	57.3	61.3	10.3	15.0
7264, 7265, 7266	62.3	48.7	50.8	6.3	11.0
7267, 7268, 7269	65.8	51.9	52.7	9.5	13.5
KAHULUI BAY, MAUI					
<u>May 7, 1985</u>					
7270, 7271, 7272	78.3	59.3	64.2	10.7	25.0
<u>June 17-20, 1985</u>					
8464-8467	86.2	--	70.4	12.2	40.2
⁷ 8468-8471	92.0	69.2	72.7	12.3	20.0
8472-8475	90.2	63.9	71.2	11.8	22.0
8476, 8477, 8478	80.4	62.3	66.9	11.5	13.7
8479, 8480, 8481	71.8	55.9	56.8	10.5	12.5
8482-8485	86.0	65.5	68.4	11.8	20.3
8486, 8487, 8488	97.5	73.0	78.0	14.1	28.0
8456, 8457	44.8	35.7	35.4	7.0	6.5

⁷Recapture turtle originally tagged 2 days earlier at the same location.

Results of tagging, Continued.

Tag No.	Straight carapace		Plastron (cm)	Head (cm)	Tail (cm)
	Length (cm)	Width (cm)			
PALAAU, MOLOKAI					
<u>April 23-26, 1985</u>					
⁸ 6376, 6377, 7941	63.3	52.4	50.3	9.9	10.5
7942, 7943, 7944	65.0	50.2	52.1	9.6	12.0
⁹ 7301, 7302	44.4	34.5	35.4	7.0	9.0
7945, 7946	38.8	31.4	31.2	6.5	5.5
¹⁰ 7303, 7304	43.7	35.1	35.9	7.4	9.0
⁸ Turtle originally tagged by G. H. Balazs on 8/30/82 at Palaaau.					
⁹ Turtle originally tagged by W. Puleloa on 1/5/85 at Palaaau.					
¹⁰ Turtle originally tagged by W. Puleloa on 1/6/84 at Palaaau.					
7947, 7948, 7949	51.7	40.2	41.1	8.3	9.5
7950, 7901	41.6	32.6	34.4	6.5	7.5
7902, 7903	39.7	34.3	32.0	6.5	8.0
7904, 7905, 7906	74.0	58.0	58.9	10.6	17.0
7907, 7908, 7909	56.7	45.0	45.8	9.0	12.0
7910, 7911, 7912	61.9	49.1	49.6	9.7	12.5
7913, 7914	47.4	38.7	39.4	7.5	10.5
7915, 7916	45.6	37.8	37.6	8.9	9.0
7917, 7918	57.2	46.7	46.7	8.9	10.5
7919, 7920	45.5	35.8	35.9	7.6	9.0
7921, 7922, 7923	71.0	56.3	56.2	10.5	14.5
7924, 7925	48.0	37.3	--	7.7	--
7876, 7877, 7878	66.4	53.7	53.3	9.5	16.0
7879, 7980, 7981	59.4	46.0	48.9	9.1	11.5
7882, 7883	48.8	37.5	40.2	7.8	8.0
7884, 7885, 7886	70.6	54.5	57.5	9.9	14.5
7887, 7888, 7889	60.0	49.3	49.0	9.2	11.0
7890, 7891, 7892	65.8	51.3	52.2	9.2	15.0
7893, 7894	51.5	39.4	41.4	8.4	10.0
7895, 7896, 7897	63.8	50.0	51.3	9.6	13.0
7898, 7899, 7900	69.8	57.0	58.8	10.7	12.5
8569, 8570, 8571	63.9	49.8	52.3	10.0	14.0
8572, 8573, 8574	74.0	58.8	59.5	10.6	17.5
8575, 8576	47.0	39.9	39.0	7.9	8.0
8577, 8578, 8579	61.7	48.7	49.0	8.8	12.5
8580, 8581	39.9	34.6	32.6	6.1	--
8582, 8583, 8584	79.2	60.3	64.3	10.9	21.5
8585, 8586, 8587	70.9	--	57.3	10.6	15.5
8588, 8589, 8590	70.7	53.2	56.9	10.0	16.0

Results of tagging, Continued.

Tag No.	Straight carapace				
	Length (cm)	Width (cm)	Plastron (cm)	Head (cm)	Tail (cm)
8591, 8592, 8593	61.9	49.4	49.7	9.8	10.5
¹¹ 8594, 8595, 8596	63.8	50.6	51.0	9.3	11.5
¹¹ 7939, 7940	59.5	46.9	46.2	9.3	12.0

¹¹ Turtle originally tagged by W. Puleloa on 4/11/85 at Palaau and released at Kaunakakai Dock.

8597, 8598, 8599	61.5	50.8	49.9	9.6	11.0
8600, 8626	42.7	34.6	34.6	7.2	9.0
8627, 8628	55.3	41.3	43.6	8.7	10.0
8629, 8630, 8631	57.3	45.2	47.0	9.1	--
8632, 8633	55.0	43.5	44.8	8.4	10.5
8634, 8635	57.8	45.1	47.1	9.1	11.6
8636, 8637	51.3	41.1	41.4	8.2	8.0
8638, 8639	47.5	37.0	37.4	7.8	9.0
8640, 8641	49.2	39.7	39.6	8.1	8.0
8642, 8643	49.7	38.6	41.1	7.8	9.5
8644, 8645, 8646	67.3	54.0	54.6	9.8	12.5
8647, 8648, 8649	71.4	56.6	56.1	9.6	18.0
8650, 8601	40.6	34.5	32.0	6.6	7.0

May 23, 1985

8453, 8454, 8455	60.2	48.4	48.3	9.4	14.0
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June 2, 1985

8458, 8459	41.2	33.9	31.8	6.7	8.5
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WAIKANE, MOLOKAI

May 31, 1985Curved measurements

8460, 8461	46.0	44.5	--	--	--
8462, 8463	53.3	46.0	--	--	--

NOTE: Forty-five other turtles tagged or recaptured on Molokai by W. Puleloa from July 1984 through June 1985 in cooperation with a National Marine Fisheries Service contracted fisherman and other "bull-pen" fishermen who incidentally catch turtles. Data previously submitted by W. Puleloa in monthly reports to the Division of Aquatic Resources.

RESULTS OF TAGGING GREEN SEA TURTLES CONDUCTED UNDER STATE OF HAWAII
SCIENTIFIC COLLECTING PERMIT 86-07

Tag No.	Carapace length (cm)		Date	Location
	Straight	Curved		
8514,8515	--	47.0	7/11/85	Wahie, Lanai
8516-8518	--	72.5	7/11/85	do
8519,8520	49.0	53.0	7/16/85	Palaau, Molokai
8521,8522	39.7	42.5	do	do
8523,8524	44.3	46.5	do	do
8525,8526	44.7	48.5	do	do
8527,8528	48.8	52.0	do	do
8529,8530	46.5	49.5	do	do
8531,8532	58.7	63.0	do	do
8533,8534	65.1	69.0	do	do
8535,8536	62.0	66.5	do	do
8537,8538	54.7	58.0	do	do
8539,8540	38.8	40.5	7/17/86	Palaau, Molokai
8541,8542	38.8	41.5	do	do
8627,8628	55.8	59.5	do	do
8543,8544	51.8	56.0	do	do
8545,8546	52.2	56.0	do	do
8547,8548	53.6	58.5	do	do
8549,8550	52.1	55.5	do	do
7792,7793	52.9	55.5	do	do
7794,7795	47.4	50.0	do	do
7917,7918	57.4	61.0	do	do
7796,7797	57.9	62.0	do	do
7798-99,7800	62.9	68.5	do	do
7748,7801	59.4	63.0	do	do
7802,7803	55.6	59.0	do	do
7804,7805	52.8	56.5	do	do
7806,7807	75.9	80.5	do	do
7808,7809	73.3	79.0	do	do
7810,7811	70.8	76.0	do	do
7812-7814	64.6	69.5	do	do
7815,7816	66.3	72.0	do	do
7817,7818	70.3	75.5	do	do
7819,7820	63.7	68.0	do	do
7821,7822	69.7	76.0	do	do
7823,7824	65.5	70.0	do	do

Continued.--Results of tagging green turtles under Hawaii SCP 86-07.

Tag No.	Carapace length (cm)		Date	Location
	Straight	Curved		
7825,7826	39.6	41.5	7/18/86	Palaau, Molokai
7827,7828	53.0	56.5	do	do
7893,7894	51.9	56.0	do	do
7842,7843	50.2	53.5	do	do
7829,7830	46.7	50.0	do	do
7831,7832	49.3	52.5	do	do
7921-7923	71.3	77.5	do	do
7833,7834	63.4	67.5	do	do
7835,7836	68.6	73.5	do	do
7837,7838	71.8	78.0	do	do
7839-7841	79.4	85.5	do	do
9401,9402	77.5	82.0	7/19/86	Palaau, Molokai
7848-7850	78.6	83.5	do	do
7844,7845	76.0	81.5	do	do
8847,8848	67.0	71.0	do	do
9411,9412	67.4	72.5	do	do
7846,7847	66.3	70.5	do	do
9409,9410	56.4	60.5	do	do
9403,9404	62.0	51.3	do	do
9425,9426	60.0	—	do	do
9407,9408	55.8	59.0	do	do
9405,9406	56.0	61.0	do	do
9427,9428	55.5	59.5	do	do
9429,9430	56.9	61.0	do	do
9433,9434	52.0	55.5	do	do
9431,9432	56.4	60.5	do	do
9435	52.3	56.0	do	do
9436,9437	48.5	52.0	do	do
9438,9439	53.4	57.5	do	do
9440,9441	55.9	59.5	do	do
9413,9414	50.0	53.5	do	do
9442,9443	48.8	51.5	do	do
9444,9445	47.4	51.0	do	do
9446,9447	47.8	51.0	do	do
9448,9449	46.5	49.5	do	do
9450,9451	45.1	48.0	do	do
9415,9416	43.6	46.0	do	do
9421,9422	44.1	46.0	do	do
9452,9453	42.9	46.0	do	do
9454,9455	44.8	48.0	do	do

Continued.--Results of tagging green turtles under Hawaii SCP 86-07.

Tag No.	Carapace length (cm)		Date	Location
	Straight	Curved		
9417,9418	41.5	44.0	do	do
9423,9424	38.2	41.0	do	do
9456,9457	42.5	45.0	do	do
9458,9459	41.3	44.0	do	do
9460,9461	43.0	46.0	do	do
9419,9420	40.9	42.5	do	do
9462,9463	40.2	42.0	do	do
9464,9465	43.8	46.5	do	do
9466,9467	66.9	70.5	do	do
¹ 8676	46.0	49.0	9/23/85	Sandy Beach, Oahu
8695, ² 8696	—	48.3	11/15/85	Hilo, Hawaii
8851,8852	46.3	48.5	2/21/86	Kawela Bay, Oahu
8861,8862	37.2	39.0	2/28/86	Kahe Point Power Plant (KPPP), Oahu
8863,8864	42.9	44.7	2/28/86	KPPP, Oahu
8868,8869	41.9	—	3/6/86	KPPP, Oahu
8865-8867	59.1	63.5	3/6/86	Bellows AFS, Oahu
³ 8870	46.8	50.5	3/27/86	Waikiki, Oahu
8439,8440	—	43.5	5/1/86	Palaau, Molokai
8441,8442	—	63.5	5/1/86	do
8443,8444	—	42.5	5/1/86	do
8445,8446	43.5	—	5/14/86	Hawaii Kai, Oahu
8698, ⁴ 8699	—	38.1	5/23/86	Hilo, Hawaii

NOTE: Seventy-nine other turtles were tagged or recaptured on Molokai by Bill Pulelos from July 1985 through June 1986 in cooperation with a NMFS contracted fisherman and another bullpen fisherman who incidentally catches turtles. Data for these turtles have been submitted by Pulelos in monthly reports to the Division of Aquatic Resources, State of Hawaii.

¹Flipper severely entangled in monofilament gill net debris. Recaptured at the Blow Hole, Oahu, on 1/8/86 and released shortly thereafter at Makapuu Beach, Oahu.

²Tagged and released from a pond at Liliuokalani Gardens, Hilo by Dr. Robert Nishimoto. Turtle was severely afflicted with fibropapillomas.

³Flipper severely entangled in monofilament fishing line debris and lure.

⁴Tagged and released from a pond at the Hukilau Hotel, Hawaii, by Dr. Robert Nishimoto.