

Summary of green turtles, *Chelonia mydas*, tagged
and resighted in the Palaaau vicinity of the southern shore of Molokai

compiled by
George H. Balazs,
William Puleloa and Edwin Medeiros

Study dates	Total No. captured	No. newly tagged	No. resightings	Total No. tagged to date	Peterson population index estimate*
8/30/82	4	4	0	4	-
9/1/82	1	1	0	5	-
9/3/82	16	16	0	21	-
9/21/82	2	2	0	23	-
10/19/82	26	25	1	48	598
10/21/82	1	1	0	49	-
11/1/83	1	1	0	50	-
12/20/83	7	7	0	57	-
1/5/84	5	5	0	62	-
2/7/84	1	1	0	63	-
2/8/84	3	2	1	65	189
2/11/84	5	4	1	69	325
3/24/84	1	0	1	69	-
4/4/84	4	4	0	73	-
4/25/84	6	5	1	78	438
5/5/84	10	10	0	88	-
5/9/84	2	2	0	90	-
5/10/84	5	5	0	95	-
5/16/84	10	8	2	103	475
4/3/85	2	2	0	105	-
4/11/85	12	12	0	117	-
4/23/85	8	5	3	122	312
4/24/85	39	38	1	160	4758
4/26/85	3	3	0	163	-
4/30/85	1	1	0	164	-
5/7/85	9	7	2	171	738

Study dates	Total No. captured	No. newly tagged	No. resightings	Total No. tagged to date	Peterson population index estimate*
5/19/85	5	4	1	175	855
5/23/85	4	4	0	179	-
7/11/85	16	15	1	194	2864
7/16/85	10	10	0	204	-
7/17/85	36	32	4	236	1836
7/19/85	38	37	1	273	8968
10/3/85	20	19	1	292	5460
10/16/85	14	10	4	302	1022
3/5/86	19	16	3	318	1913
5/1/86	3	3	0	321	-
9/19/86	12	9	3	330	1284
2/24/87	3	3	0	333	-
6/3/87	10	9	1	342	3330
6/4/87	17	14	3	356	1938
2/23/88	3	3	0	359	-
3/1/88	2	2	0	361	-
7/12/88	38	32	6	393	2286
7/14/88	87	77	10	470	3419
7/5/89	115	106	9	576	6005
7/7/89	27	24	3	600	5184
7/9/89	1	1	0	601	-
3/1/90	1	1	0	602	-
3/2/90	12	11	1	613	7224
5/8/90	50	43	7	656	4389
5/10/90	1	1	0	657	-
7/2/90	36	29	7	686	3379
7/9/90	82	72	10	758	5625
7/9/91	31	21	10	779	2350
11/15/91	45	27	18	806	1948

Study dates	Total No. captured	No. newly tagged	No. resightings	Total No. tagged to date	Peterson population index estimate*
12/14/91	86	59	27	865	2567
5/26/92	121	84	37	948	2829

$$\frac{\text{*No. tagged turtles resighted}}{\text{Total No. turtles captured}} = \frac{\text{Total No. turtles tagged}}{\text{Total No. turtles in resident population}(X)}$$