

Summary of immature green turtles tagged and resighted at
French Frigate Shoals, Northwestern Hawaiian Islands,
1974-1990

by
George H. Balazs
Southwest Fisheries Center Honolulu Laboratory
National Marine Fisheries Service, NOAA
2570 Dole Street
Honolulu, Hawaii 96822-2396

Study dates	Island/ Reef	Total no. captured	No. newly tagged	No. tag resightings	Total no. tagged to date	Original tag dates and location for turtles resighted
7/74	East	2	2	0	2	
7/74	WS	3	3	0	5	
8/74	East	3	3	0	8	
8/74	WS	1	1	0	9	
9/74	East	2	2	0	11	
9/74	WS	1	1	0	12	
10/74	East	1	0	1	12	8/74-East
2/75	WS	7	7	0	19	
2/75	East	4	4	0	23	
2/75	Tern	1	1	0	24	
5/75	WS	3	2	1	26	2/75-WS
6/75	East	5	4	1	30	9/74-East
6/75	WS	8	8	0	38	
7/75	East	3	2	1	40	8/74 and 10/74-East
7/75	WS	4	3	1	43	2/18-WS
8/75	WS	9	7	2	50	6/75, 2/75, and 8/75-WS
8/75	Trig	1	1	0	51	
8/75	Tern	1	1	0	52	
12/75	WS	3	1	2	53	2/75, 7/75-WS
12/75	East	3	3	0	56	
1/76	WS	27	18	9	74	7/74, 6/75, 6/75, 6/75, 7/75, 8/75, 12/75, 12/75, 7/75, and 12/75 (all WS)
1/76	East	2	1	1	75	7/75-East
4/76	WS	41	28	15	101	7/74 and 1/76, 2/75, 2/75 and 7/75, 6/75 and 1/76, 8/75, 6/75, 6/75 and 8/75, 7/75-12/75-1/76, 8/75 and 1/76, 12/75 and 1/76, five 1/76s (all WS)
4/76	East	12	6	6	107	9/74 and 8/75, 2/76, 2/75, 6/75, 6/75, 12/75 (all East)

Study dates	Island/ Reef	Total no. captured	No. newly tagged	No. tag resightings	Total no. tagged to date	Original tag dates and location for turtles resighted
5/76	MS	10	2	8	109	7/74-1/76-4/76, 6/75-1/76-4/76, 6/75 and 4/76, 12/75-1/76-4/76, 1/76 and 4/76, 1/76, 1/76, 4/76 (all MS)
6/76	East	3	1	2	110	2/75 and 4/76, 6/75 (both East)
7/76	East	2	0	2	110	4/76, 8/74-10/74-7/75 (both East)
7/76	MS	2	0	2	110	12/75-1/76-4/76-5/76, 1/76 and 5/76 (both MS)
1/77	Tern	1	1	0	111	
6/77 ^a	East	1	0	1	111	4/76 and 6/77-East
7/77	East	1	0	1	111	6/75 and 4/76-East
8/77	MS	2	0	2	111	1/76, 1/76-MS
6/78	East	6	3	3	114	2/75 and 4/76, 6/75-4/76-7/77, 4/76 and 6/77-East
7/78	Tern	1	1	0	115	
5/79	MS	4	4	0	119	
5/79	East	4	1	3	120	6/76, 6/78, 6/78-East
5/79	Tern	3	3	0	123	
5/79	Trig	1	1	0	124	
6/79	East	5	3	2	127	2/75-4/76-6/76, 5/79 (both East)
6/79	Tern	2	2	0	129	
6/79	Trig	1	0	1	129	5/79-Trig
6/80	East	2	0	2	129	5/79, 6/79 (both East)
8/80	Tern	1	0	1	129	5/80-Tern
12/80	East	1	1	0	130	
6/81	East	1	0	1	130	6/79 and 6/81-East
6/82	East	1	0	1	130	6/79-6/80-6/81 East
3/82	Tern	1	0	1	130	5/79 and 8/80-Tern
6/82	Tern	2	1	1	131	7/78-Tern
6/83	East	2	1	1	132	6/79-6/80-6/81-6/82 East
12/83	East	1	0	1	132	6/79-6/80-6/81-6/82-6/83 East
6/85	East	1	0	1	132	6/79-6/80-6/81-6/82-6/83-12/83 East
1/88 ^b	Tern	2	2	0	134	
2/88 ^b	Tern	3	3	0	137	
3/88 ^b	Tern	1	1	0	138	

Study dates	Island/ Reef	Total no. captured	No. newly tagged	No. tag resightings	Total no. tagged to date	Original tag dates and location for turtles resighted
7/89 ^a	East	1	0	1	138	6/79-6/80-6/81-6/82-6/83-12/83-6/85 East
1/90 ^b	Tern	2	2	0	140	

Notes: ^a Inconel alloy tags used starting 6/77. Prior to 6/77 only Monel alloy tags were applied. All turtles were double tagged.

^b Captured and tagged by Ken Miethammer.

^c Originally tagged 3135, 3136 during June 1978. Increase in curved carapace length over the 10-year period equalled 12.8 cm or 1.3 cm per year.

Number of turtles tagged at:

East = 37
 MS (Whale Skate) = 83
 Tern = 18
 Trig = 2