

1976 GREEN TURTLE

NESTING ACTIVITY AT SEA LIFE PARK

Summarized by

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<u>Clutch No.</u>	<u>Date</u>	<u>Activities and findings</u>
	6/18/76	initiation of emergence and excavation on artificial beach
1	7/6	35 eggs found in pond, transferred to styrofoam container; 7/24 examination indicated infertility and decomposition
2	7/12	female #76 deposited 64 eggs in artificial beach, transferred to plastic container; 8/25 examination indicated 20 eggs with small blood spot, remainder infertile
3	7/26	17 eggs found in pond; discarded
4	7/28	female with no tag (light carapace, tattered hind flippers) deposited 107 eggs in artificial beach; clutch divided and transferred into two styrofoam containers; 8/21 examination indicated all infertile
5	8/10	female #2009 deposited 67 eggs in artificial beach; 9/21 examination indicated 3 cm embryo; 10/6 examination indicated 6.5 cm embryo; mongoose destroyed unknown number of eggs 10/25; total of 20 hatchling by 11/3, 5 no development
6	9/20	single hatchling found behind reef tank; 36 shells and 9 infertile eggs found in sand pile, total clutch size-45 ; probably resulted from turtle emerged 7/20; most of emerged hatchlings probably destroyed by mongoose
7	9/20	80 eggs found in pond; infertile; probably resulted from female tagged #2012
8	9/30	female #2009 deposited 114 eggs in artificial beach, transferred to container; 10/24 examination indicated all infertile

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9	9/30	female #2009 excavated previously unknown incubating clutch in artificial beach; 24 no development, 5 partial development, 3 unknown, 9 viable and advanced development (transferred to container); total clutch size-41; 9 hatched but destroyed by mongoose on 10/26
10	10/15	42 hatchlings found from previously unknown nest in artificial beach; 23 no development, 7 partial development, 6 unknown (insect destruction), total clutch size-78; 8 released 10/30; 25 released 11/8
11	10/30	14 hatchlings found from previously unknown nest in artificial beach; empty shells suggest 25 actually emerged; 44 no development, 3 partial development, total clutch size-73; 7 released 10/30; 2 released 11/8
12	11/2	49 hatchlings found from previously unknown nest in artificial beach; 14 infertile, 5 partial, total clutch size-78; 25 released 11/4; 24 released 11/8
13	11/5	44 hatchlings found from previously unknown nest in artificial beach; 30 infertile, 12 partial, 3 live hatchlings, total clutch size-89; 41 released 11/5
14	11/24	57 hatchlings found by Pearl factory from previously unknown nest in artificial beach; 21 infertile, 3 partial, total clutch size-81; 57 released 11/24
15	11/30	72 hatchlings found from previously unknown nest in artificial beach; 4 infertile, 1 partial, total clutch size-77; 66 released 11/30
16	12/19	40 hatchlings found from previously unknown nest in artificial beach; 17 no development, 2 partial, 1 hatched but dead, total clutch size-60; 60 released 12/19

Total no. turtles in pool - 19
 adult hawksbill - 1 female
 adult greens - 9 females, 3 males
 sub-adult greens - 4 unknown, 2 male

Maximum no. turtles thought to be involved
 in nestings - 4

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<u>Clutch No.</u>	<u>Eggs</u>	<u>No. Hatchlings Produced</u>	<u>% Hatchling Production</u>	<u>No. live Hatchlings Obtained</u>
1	35 (in water)	0	0	0
2	64	0	0	0
3	17 (in water)	0	0	0
4	107	0	0	0
5	67	<u>>20</u>	<u>>30</u>	20
6	45	36	80	0
7	80 (in water)	0	0	0
8	114	0	0	0
9	41	9	22	0
10	78	42	54	42
11	73	25	34	14
12	68	49	72	49
13	89	47	53	47
14	81	57	70	57
15	77	72	94	72
16	60	40	67	40
Total	1096	397	-	341