

RESEARCH AND MONITORING REPORT 2009

CONTACT US

Sea Turtle Conservation Bonaire Mabel Nava, Manager

Email: stcb@bonaireturtles.org Phone: (+599) 717 2225 Cellular: (+599) 780 0433 HOTLINE: 780 0433

PO Box 492 Kralendijk, Bonaire Netherlands Antilles

STCB is a member of



Welcome...

We proudly present our 2009 Bonaire Sea Turtle Research and Monitoring Report.

Sea Turtle Conservation Bonaire is a non-governmental, non-profit research and conservation organization that has been protecting sea turtles since 1991. Our mission is to ensure the protection and recovery of Bonaire's sea turtle populations throughout their range. We are a recognized leader in sea turtle conservation in the Dutch Caribbean and we work to achieve our mission by:

- Building a strong case for sea turtle conservation through applied research;
- Implementing proactive management and conservation actions to protect Bonaire's sea turtles and their environments:
- Communicating effectively through education, training and advocacy to enhance awareness of sea turtle conservation issues; and
- Developing strategic partnerships and networks to protect Bonaire's turtles locally and throughout their migratory ranges.

Four of the Wider Caribbean's six species of sea turtles are found in the waters of Bonaire. They are: the hawksbill (*Eretmochelys imbracata*), the green turtle, (*Chelonia mydas*), the loggerhead (*Caretta caretta*), and the leatherback (*Dermochelys coriacea*). The hawksbill and leatherback are considered "critically endangered" throughout their global ranges; and the green and loggerhead considered "endangered". Bonaire offers a relatively safe haven for foraging juvenile hawksbill and green turtles, as well as critical nesting grounds for hawksbill, loggerhead, and green sea turtles.

In 2009, we completed our 7th year of systematic research on the sea turtles of Bonaire. In this research report you will find information about our methods, the information gathered, and results of our sea turtle research and monitoring activities, including nesting beach monitoring, foraging ground surveys, and turtle migration tracking.

This work could not have been completed without significant financial support. We would like to acknowledge our flagship funder, WWF-Netherlands and our major 2009 funders, the Dutch Caribbean Nature Alliance (DCNA) and UNESCO.

We are also thankful to our many other individual and business donors (Appendix IV), to STCB staff and board members (Appendix V), and the many business partners and volunteers that assisted us in our work (Appendix VI). Special thanks go to STINAPA-Bonaire for their continuing collaboration and support of our work.

We would like to acknowledge Dr. Robert van Dam, our scientific advisor who oversees STCB's research efforts and helped substantially in the production of this report. And on behalf of the sea turtles of Bonaire, we give our thanks to the many volunteers who helped us in our work this past year.

We hope you find this report informative and that it encourages your interest and support for the sea turtles of Bonaire.

TABLE OF CONTENTS

Welcome	1
NESTING BEACH MONITORING	3
FORAGING GROUND SURVEYS	5
PRESENCE OF DISEASE	.12
SATELLITE TRACKING	.13
RESEARCH COLLABORATION	.15
Appendix I. List of turtles captured and tagged during 2009	.17
Appendix II. Lists of nests observed on Bonaire and Klein Bonaire during 2009	9
	.23
Appendix III. Abstracts of CIEE students' research	.25
Appendix IV. Funders and donors during 2009	.26
Appendix V. Staff and Board of Directors	.27
Appendix VI. STCB partners, supporters and volunteers	.28
Appendix VII. Ways to donate	.30

NESTING BEACH MONITORING

The beaches of Bonaire and Klein Bonaire were surveyed periodically for sea turtle nesting activity, with emphasis on the most actively used nesting area around "No Name" on Klein Bonaire. No Name beach was visited with greatest frequency and is Bonaire's index beach for measuring annual fluctuations in nesting activity.

Turtle nesting activity was first registered during 2009 on May 22th, when a hawksbill nest was discovered at No Name beach. The first loggerhead nesting of the 2009 season also occurred at No Name beach, Klein Bonaire, on May 27st. No evidence of any green turtle nests was observed throughout 2009.

During 2009, a total of 16 loggerhead and 35 hawksbill nests were recorded on No Name beach, with the months of May and June showing the greatest nesting activity for loggerheads, whereas hawksbills were most active in June and July (Figure 1).

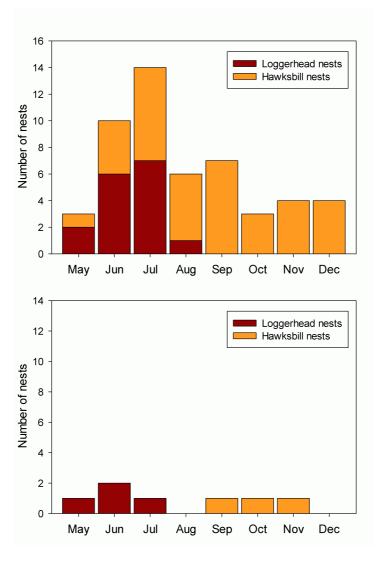


Figure 1. Temporal distribution of nests laid by loggerhead and hawksbill turtles on the beaches of Bonaire (bottom) and No Name beach, Klein Bonaire (top).

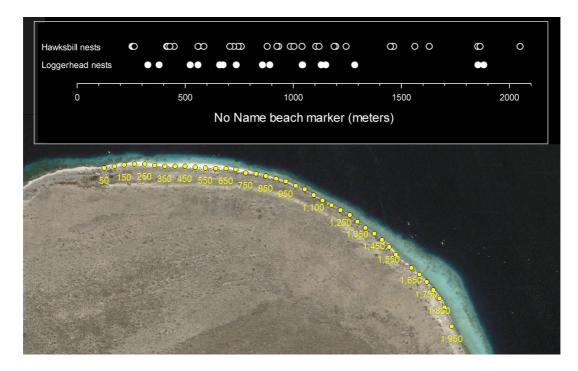


Figure 2. Diagram of individual hawksbill and loggerhead nest locations along No Name beach, Klein Bonaire. Yellow dots indicate beach markers.

Hawksbill nests were fairly uniformly spread out along No Name beach, whereas loggerhead nests were largely limited to the western, most accessible and sandy section of the beach (Figure 2). Compared to the 45 nests counted for both species there in 2008, the total number of turtle nests (51 nests) deposited at No Name beach remained stable. Loggerhead activity stayed the same (16 nests) compared to 2008, whereas hawksbill activity increased from 29 to 35 nests, indicating the presence of perhaps two additional nesting hawksbills at Klein Bonaire. Such stochastic annual fluctuations are typical for a population consisting of only a limited number of individuals.

Nesting size and productivity were measured through nest revisions after hatching. At No Name beach, revision of 12 loggerhead nests yielded an average nest size of 128.4 eggs (range 86-177) and average hatching success for these nests was 71.1%. Revision of 27 hawksbill nests yielded an average nest size of 141.0 eggs (range 78-171) and hatching success of 70.1%. Both hawksbill and loggerhead hatching success rates were somewhat lower than in 2008, indicating slightly less favorable nest incubation conditions on the beach at Klein Bonaire.

The estimated number of hatchlings produced at the index beach of Klein Bonaire during 2009 can be calculated from the total number of nests, average nest size and average hatching rate. The 16 loggerhead and 35 hawksbill nests laid along No Name resulted in approximately 1460 loggerhead and some 3460 live hawksbill hatchlings emerging from their nests. The total of 4920 turtle hatchlings estimated for emerging from No Name beach in 2009 is only slightly lower than the number of hatchlings produced there during 2008.

Nesting activity on the rest of Bonaire during 2009 occurred along the southwest coast (4 loggerhead nests), Windsock beach (2 hawksbill nests) and Washikemba (1 hawksbill nest). No green turtle nests were detected during 2009, which was a low year for green turtle nesting activity throughout the Caribbean.

In order to characterize the thermal ecology of the No Name nesting beach at Klein Bonaire, two Onset WaterPro temperature dataloggers were deployed at nest depth (~45 cm) in a representative section of the beach on May 30th 2008. The instruments were programmed to record ambient temperature automatically every hour and can be left unattended for over 1 year. One data logger was placed under an "olijfje" bush (*Bontia daphnoides*), while the second was left at the same depth in open sand ~2m in front of the vegetation. The data loggers were retrieved on 18 July 2009, however the unit placed in the open sand malfunctioned and no data was obtainable from it. The datalogger under the vegetation did function and yielded the temperature profile illustrated in Fig. 3. Of interest is the relation to the pivotal temperature (29.6°C) measured for Caribbean hawksbills, since nests that are warmer than this temperature tend to produce more females and colder nests produce more males. From this preliminary data it appears that there should be substantial production of male hawksbill hatchlings on Klein Bonaire, which is not the case for many other Caribbean rookeries that tend to produce mostly females.



Figure 3. Temperature profile of sand at nest depth under Bontia daphnoides at No Name beach, Klein Bonaire. The dashed line indicates the approximate pivotal temperature for Caribbean hawksbill turtles.

FORAGING GROUND SURVEYS

Foraging ground surveys were conducted by snorkeling along the entire west coast of Bonaire, all around Klein Bonaire, and in front of Lac Bay (figure 4, table 1). In addition, turtle surveys using the netting technique were done inside Lac Bay. The purpose of these snorkeling surveys is to tag, sample and measure individual turtles, and to establish catch-per-unit-effort measures of turtle abundance. For comparison, the surveyed area was separated into sectors for comparison as follows: Klein Bonaire, Northwest and Southwest Bonaire, the reef outside of Lac Bay (Southeast), and inside Lac Bay itself.



Figure 4. Sectors of coastal areas of Bonaire and Klein Bonaire covered during in-water surveys.

Table 1. In-water snorkeling survey effort in hours by sector from 2003 to 2009.

		Total survey hours					
	2003	2005	2006	2007	2008	2009	
Klein Bonaire	25.88	24.54	17.45	13.22	11.2	8.4	
Bonaire Northwest			38.68	25.18	18.5	24.0	
Bonaire Southwest			23.85	20.17	13.7	15.5	
Bonaire Southeast			14.25	9.85	4.8	4.7	

From 2008 to 2009, green turtle abundance decreased slightly in all areas except on the reef outside of Lac Bay where a steady increase has been observed since 2006 (figure 5). With the exception of the Lac Bay turtles, the green turtles encountered during snorkeling surveys are mostly immatures smaller than 40 cm straight carapace length (SCL). Locations with particularly high green turtle abundance include Ebo's Reef at Klein Bonaire (associated with the sea grass beds in the shallow lagoon there), Playa Frans, and the Slagbaai area of Washington Park (figure 6). The reef in front of Lac Bay harbors a very high density of animals (see figure 5), which are associated with the Lac Bay sea grass pasture foraging grounds.

Hawksbill turtles occur in lower numbers than green turtles throughout Bonaire and Klein Bonaire (figure 7) and their abundance now appears to be relatively stable or slightly increasing throughout the surveyed areas (figure 5). Similarly as for green turtles, but occurring in a much lower aggregation density but greater body size, immature hawksbill turtles are found on the reefs adjacent to Lac Bay, and these animals also use the bay for foraging. Other areas of relatively high hawksbill abundance are the east half of Klein Bonaire and the Marine Reserve, south of Bopec.

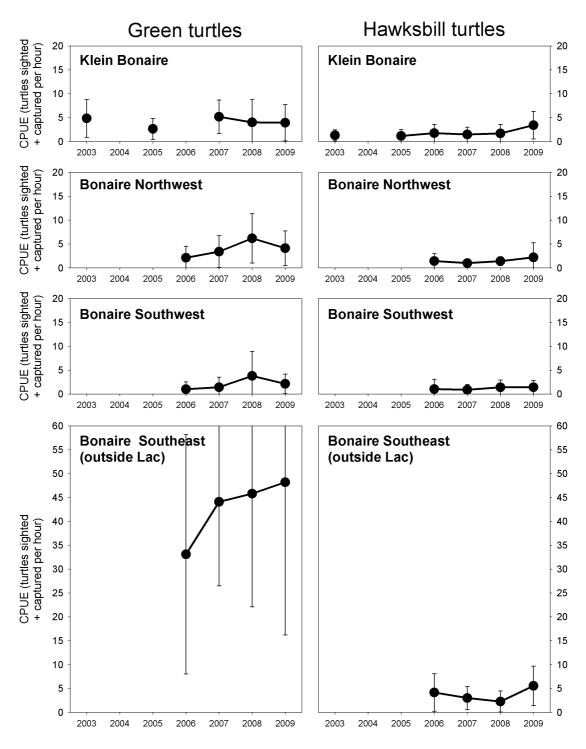


Figure 5. Comparison of 2003-2009 "catch-per-unit-effort" survey results by sector around Klein Bonaire and Bonaire.

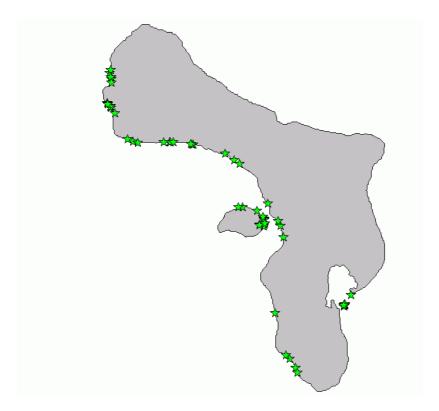


Figure 6. Locations where green turtles were captured during snorkeling surveys around Bonaire and Klein Bonaire.

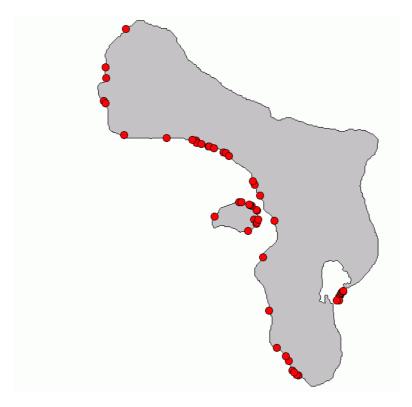


Figure 7. Locations where hawksbills were captured during snorkeling surveys around Bonaire and Klein Bonaire.

Netting surveys were conducted during two periods within Lac Bay: during March –April and November 2009. A total of 105 green turtles and 7 hawksbills were caught during these surveys. Figure 8 indicates the netting locations, aimed at areas with highest green turtle abundance as determined by observing turtles surfacing to breathe. Table 2 indicates the abundance trends for both species as measured by captures per hour of netting time ("net soak time"). Green turtles are vastly more abundant than hawksbills within Lac and their numbers appear to be stable or increasing slightly. Hawksbill abundance at Lac now appears to be stable, however their low catch rate by netting make it difficult to determine any true abundance trend.

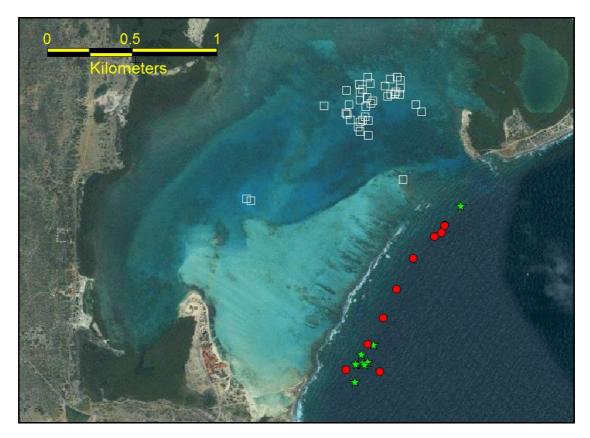


Figure 8. Netting locations inside Lac Bay (white boxes), and locations of hand-captured green turtles (green stars) and hawksbills (red circles) on the reefs outside Lac Bay.

Table 2. Comparison of catch-per-unit-effort results for netting surveys conducted at Lac Bay.

	2003	2005	2006	2007	2008	2009
Number of netting sessions	16	13	40	33	37	41
Total netting hours ("net soak time")	17.9	8.9	32.9	30.0	24.8	32.0
Green turtle catches/hour	0.88 ± 0.76	4.38 ± 3.97	2.90 ± 2.25	2.42 ± 1.67	3.00 ± 2.66	3.98 ± 3.42
Hawksbill catches/hour	0.10 ± 0.28	no data	0.16 ± 0.39	0.26 ± 0.69	0.35 ± 0.76	0.27 ± 0.73

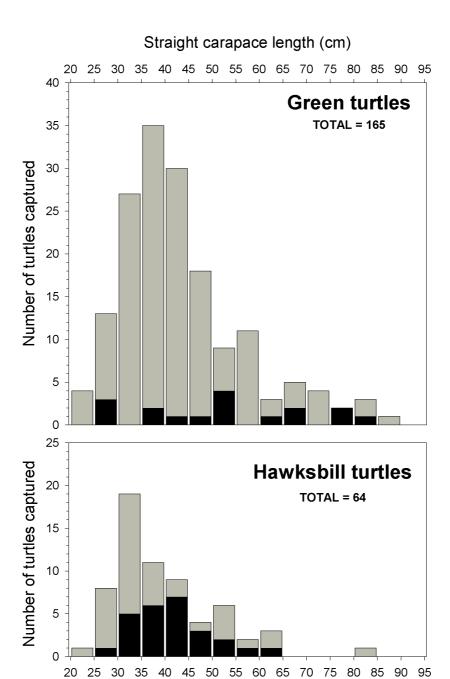


Figure 9. Size distribution of hawksbill and green turtles captured, tagged and measured at Bonaire. Black bars indicate recapture of turtles tagged in previous years.

Straight carapace length (cm)

Combined, the snorkeling and netting surveys yielded a total of 165 individual green turtles and 64 hawksbills, of which 17 green turtles and 26 hawksbills were recaptures (Figure 9). Gathering information on movement and somatic growth rates is possible by recaptures of previously tagged turtles. Our surveys detected two green turtles that had made a significant movement from their original capture location: immature green 08-028, first tagged at Karpata on March 5th 2008, was recaptured at Playa Frans on April 29th 2009. Similarly, green turtle 08-163 first tagged at Sabadeco on November 20th 2008 was recaptured 3 months later within the Marine

Reserve section of Bonaire's Northwest coast. Juvenile hawksbill 06-021, tagged in 2006 at Washington Slagbaai was recaptured at Playa Frans on 27th February 2009.

Recaptured turtles yielded substantial information on somatic growth rates for green turtles and hawksbills over a wide size range (Figure 10). For both species, animals caught in or near Lac Bay exhibited exceptionally high growth rates, suggesting that Lac Bay has very high quality foraging habitat. Growth rates of turtles living on the reefs along the rest of Bonaire and Klein Bonaire are more in line with those growth rates measured in other Caribbean turtle populations. Recaptured adult hawksbill turtles did not increase significantly in body size, which is normal in such animals.

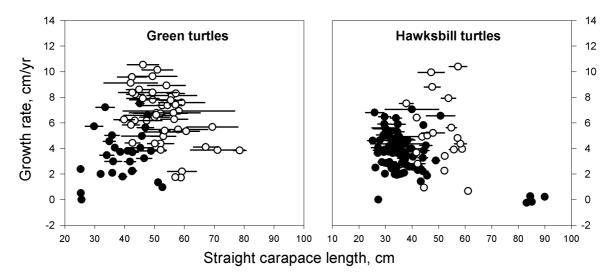


Figure 10. Somatic growth of hawksbill and green turtles recaptured at Bonaire, with turtles captured at Lac Bay indicated with open circles. Horizontal lines indicate the size range over which an individual's growth was recorded.

One measure of turtle health is the "body condition index", which is a "fatness" measure calculated as BCI= 10000 * body mass / SCL_. Green turtles living at Lac Bay have a mean BCI of 1.30 kg/cm ($\pm 0.09 \text{ standard deviation}$, n=116) versus $1.21 \pm 0.09 \text{ kg/cm}$ (n=50) for non-Lac residents, indicating that green turtles are fatter at Lac (figure 11). For hawksbills there is no significant difference, with BCI in Lac resident juveniles at $1.12 \pm 0.09 \text{ kg/cm}$ (n=16) versus non-Lac hawksbills with a BCI of $1.10 \pm 0.09 \text{ kg/cm}$ (n=47). These body condition index numbers further emphasize the exceptional nutritional qualities of the Lac Bay habitat for immature green turtles.

Figure 11 also illustrates the size range differences between Lac Bay and non-Lac turtles for both species. Lac Bay tends to harbor larger individuals of green and hawksbill turtles than any of the Bonaire reef habitats. Small (<30 cm SCL) green turtles are likely to be present in Lac too, but may escape sampling due to the mesh size of the net (30 cm stretched mesh) used to capture turtles within the bay.

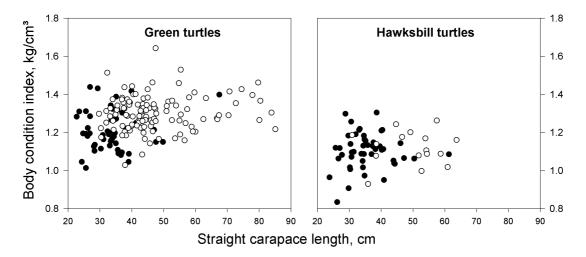


Figure 11. Body condition index, or "fatness" index, numbers measured for individual green and hawksbill turtles and the size range of these individuals. Open circles indicate turtles living at Lac Bay. A higher BCI generally means fatter and healthier turtles.

PRESENCE OF DISEASE

Fibropapillomatosis occurs in green turtles at Lac Bay and all animals captured there are examined for the presence of external tumors. Of 44 green turtles examined in March-April 2009, no turtles exhibited evidence of tumors (Table 3). However, three individuals captured in November 2009 (out of 68) exhibited tumor-like growth around the eyes. The occurrence of fibropapillomatosis in the Lac Bay green turtles appears to be declining and no longer affects as many individuals as observed in 2005-2006.

Table 3. Number of green turtles captured in Lac by survey period and occurrence of visible tumors.

Year	Month	Green turtles	w/FP	Occurrence %
2003	March	14	0	0
2004	March	20	0	0
2005	March	46	8	17.4
2006	March	56	13	23.2
2006	November	37	7	18.9
2007	March	50	8	16.0
2007	November	49	0	0
2008	April-May	55	9	16.4
2008	October- November	48	1	2.1
2008	October- November	48	1	2.1
2009	March-April	44	0	0
2009	November	68	3	4.4

SATELLITE TRACKING

Our satellite-tracking program continued to add to our knowledge of the migratory patterns and behavior of the adult sea turtles that come to Bonaire to mate and nest. After the nesting season, adult male and female sea turtles return to their resident foraging grounds. With satellite transmitters, we are able to learn where these turtles live outside of the nesting season and what routes are taken to return to those sites. Since our satellite-tracking program started in 2003, we have tracked 17 adult turtles as they returned to their resident foraging grounds. It is likely that these turtles were born on Bonaire many years ago, yet now live all around the Caribbean. From our tracking program, we know that our adult turtles can live as far as 2200 kilometers away and as close as Los Roques, only 150 kilometers to the east.

During 2009, transmitters were placed on two nesting hawksbill turtles at Klein Bonaire. The first, named 'Doris', was encountered at No Name beach, Klein Bonaire, on August 1st and fitted with a Telonics ST-20 transmitter. This hawksbill departed to the west 50 days later and swam for 14 days and approximately 768 km, reaching her foraging grounds near Isla de Salamanca, Colombia (figure 12). The last transmission for this turtle was received on February 1st 2010 indicating she remained on the same foraging grounds.

The second female hawksbill tracked, named 'Tina', was fitted with the same transmitter type at No Name beach, on September 16th 2009. This turtle departed the next

day towards the south, then turned east and made several loops in open water east of Bonaire before finally arriving around December 18th 2009 at her foraging ground along the western shore of the Paraguaná Peninsula in Venezuela (figure 13). The latest transmission for 'Tina' was received on March 25th 2010 and indicated that she remained foraging in the same area.



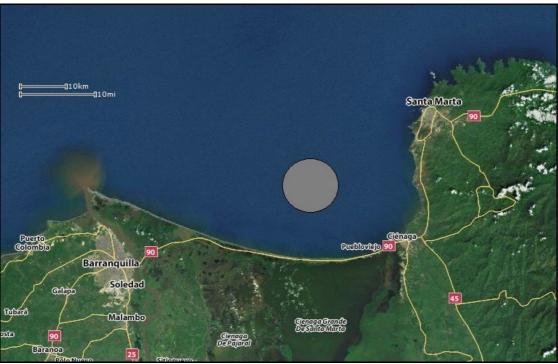


Figure 12. Track (top) and approximate extent of foraging area (bottom) of female hawksbill 'Doris' tracked from Bonaire to Colombia..

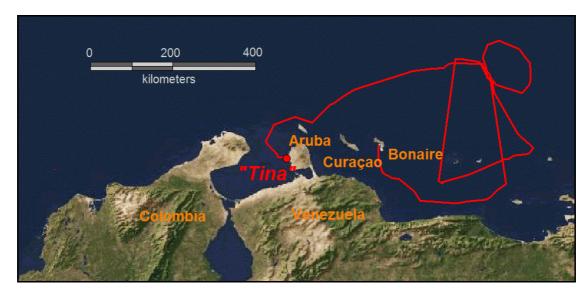




Figure 13. Track (top) and approximate extent of foraging area (bottom) of female hawksbill 'Tina' tracked from Bonaire to Venezuela.

RESEARCH COLLABORATION with CIEE RESEARCH STATION BONAIRE

CIEE Research Station Bonaire offers semester and summer courses for American university students. It is a field-based program designed to prepare students for graduate programs in Marine Science or for jobs in Natural Resource Management. In 2009, two CIEE students collaborated with Sea Turtle Conservation Bonaire to do their Independent Research projects.

STCB is committed to partnering with high school and college students to encourage and support students to pursue learning in science and conservation. We are pleased with this ongoing collaboration with CIEE and look forward to working with more of their students in the future.

CIEE student Marylou Hildebrand worked with us in spring semester and conducted

research on the unique community of organisms that reside on the shell and skin of Green and Hawksbill sea turtles. Her project was entitled "Comparison of Epibionts between Green (*Chelonia mydas*) and Hawksbill (*Eretmochelys imbricata*) Sea Turtles in Bonaire. NA".

CIEE student Noelle Hawthorne worked with us fall semester and did a project assessing the impacts that sea turtles nests have on beach communities including the plants growing and the animals living within the sand. Her project was entitled "Hawksbill turtle (*Eretmochelys imbricata*) nests: Possible nutrient sources and drivers of community structure in a tropical marine system".

See *Appendix III* for the Abstracts of these projects that were published in the CIEE Journal of Marine Science: Physis. This journal can be downloaded from the CIEE website at www.cieebonaire.org.

Appendix I. List of turtles captured and tagged during 2009.

Green turtles

Date			1				
capture	Tag left	Tag right	PIT	Turtle ID	Location	SCL	Weight
21-Jan-09	BBG151	BBG152		09-001	Ebo's reef	47.0	12.6
21-Jan-09	BBG154	BBG153		09-003	Ebo's Reef	49.8	14.2
26-Jan-09	BBG155	BBG156		09-009	Nearest point	41.3	8.8
26-Jan-09			135116251A	09-010	Nearest point	39.0	6.2
26-Jan-09			134736324A	09-011	Nearest point	32.8	4.2
16-Feb-09			134554647A	09-023	Karpata	36.6	5.3
18-Feb-09	WH5949	BBG249	10100101111	08-056	Klein Bonaire	36.9	5.5
20-Feb-09	***************************************	550210	113936557A	09-029	Karpata	35.8	5.0
20-Feb-09			133735097A	08-163	Reserve	25.6	2.2
20-Feb-09			133924752A	09-032	Reserve	28.4	2.6
20-Feb-09			134621243A	09-033	Reserve	22.7	1.5
25-Feb-09			34527222A	09-034	Bopec	26.1	2.1
25-Feb-09			049019059	09-035	Bopec	34.4	4.8
27-Feb-09			133926677A	09-037	New Kove	28.1	2.5
			134526270A				
27-Feb-09	W/HE024	WILEOOO		09-038	Playa Frans	24.3	1.5
27-Feb-09	WH5921	WH5920	134729222A	08-028	Playa Frans	25.6	1.7
27-Feb-09			134733191A	09-041	Playa Frans	28.3	2.5
27-Feb-09			134422317A	09-042	Slagbaai	33.4	4.3
2-Mar-09			133918213A	09-043	Wayaka	35.6	5.0
2-Mar-09			134739122A	09-044	Wayaka	35.0	4.9
2-Mar-09			134666462A	09-046		33.8	4.5
9-Mar-09				09-051	Sweet Dreams	26.8	2.3
9-Mar-09			134575312A	09-053	Marget Bay	23.5	1.7
13-Mar-09			133951761A	09-055	Atlantis	33.6	4.8
13-Mar-09			133925112A	09-058	Atlantis	33.1	4.1
13-Mar-09			134564097A	09-060	Salt Pier	38.2	6.8
16-Mar-09			133635214A	09-061	Nearest point	37.0	6.6
16-Mar-09			135145474A	09-062	Nearest point	30.3	3.1
16-Mar-09			133732326A	09-063	Nearest point	39.1	6.5
18-Mar-09			133639794A	09-064	Flamingo Beach	24.7	1.8
18-Mar-09			134532465A	09-066	Kralendijk	39.9	9.0
20-Mar-09			107639599	09-067	Cliff	32.7	4.2
23-Mar-09			135137356A	09-071	Lac	30.4	3.3
24-Mar-09	BBG165	BBG164		09-072	Lac	45.7	10.9
24-Mar-09			135135171A	09-073	Lac	39.2	8.1
24-Mar-09	BBG171	BBG170		09-074	Lac	54.8	24.0
24-Mar-09	BBG169	BBG168		09-075	Lac	55.2	20.0
24-Mar-09	BBG167	BBG166		09-076	Lac	43.3	10.8
24-Mar-09			134965572A	09-077	Lac	37.0	7.0
24-Mar-09			134734223A	09-078	Lac	32.0	4.3
24-Mar-09			133936794A	09-079	Lac	38.9	7.2
24-Mar-09			134967522A	09-080	Lac	34.9	5.5
24-Mar-09			134626795A	09-081	Lac	33.3	4.9
24-Mar-09	BBG173	BBG172		09-082	Lac	46.0	12.0
24-Mar-09			134454125A	09-083	Lac	37.8	6.5
25-Mar-09	WH5891	BBG174		09-085	Out of Lac	74.5	59.0
25-Mar-09	BBG185	BBG184		09-092	Lac	55.4	26
25-Mar-09	BBG181	BBG182		09-093	Lac	57.4	25
			-	23 000		21.1	

Green turtles (continued)

Green turt	les (contir	nued)					
Date	T1-6	T	DIT	T41- ID	16:	001	\A/-:-L4
capture	Tag left	Tag right	PIT	Turtle ID	Location	SCL	Weight
27-Mar-09	BBG285	WH5827		08-107	Lac	53.6	18.0
27-Mar-09	BBG191	BBG188		09-098	Lac	56.9	23
27-Mar-09			133954772A	09-099	Lac	38.6	7.9
27-Mar-09	BBG180	BBG185		09-100	Lac	41.7	9
27-Mar-09	BBG190	BBG189		09-101	Lac	40.1	9.3
27-Mar-09	BBG186	BBG187		09-102	Lac	44.1	10.0
30-Mar-09	BBG192	BBG193		09-103	Out of Lac	85.1	75
30-Mar-09	WH1080	BX1155		06-065	Out of Lac	77.9	66
30-Mar-09	WH1370	BBG235		07-180	Out of Lac	60.0	26.0
30-Mar-09			133963367A	09-107	Lac	32.3	5.1
30-Mar-09	WH1251	BX1264		07-057	Lac	66.8	38.0
30-Mar-09	BBH001	BBG200		09-109	Lac	42.1	9.4
30-Mar-09	BBG197	BBG196		09-111	Lac	63.3	35
31-Mar-09			134459125A	09-112	Lac	33.2	4.7
31-Mar-09			133654790A	09-113	Lac	35.5	5.9
31-Mar-09	BBH003	BBH002		09-114	Lac	42.8	9.6
1-Apr-09	WH1334	BBG202		07-142	Lac	51.5	18.6
1-Apr-09			134734120A	09-117	Lac	40.0	7.9
1-Apr-09	BBH005	BBH004		09-118	Lac	43.3	8.8
2-Apr-09	WH5990	BBG275		08-089	Out of Lac	53.9	21
2-Apr-09			135138556A	09-122	Out of Lac	70.4	45
2-Apr-09	BBH008	BBH007		09-123	Lac	42.9	10.3
2-Apr-09	BBG010	BBH009		09-124	Lac	43.5	11.1
3-Apr-09	BBH014	BBH013		09-126	Lac	47.5	17.6
3-Apr-09	BBH016	BBH015		09-127	Lac	43.8	10.8
3-Apr-09	2211010	2211010	133637111A	09-128	Lac	34.0	5.4
3-Apr-09			134553215A	09-129	Lac	34.3	4.9
3-Apr-09	BBH018	BBH017	1010002101	09-130	Lac	45.5	12.5
3-Apr-09	BBH020	BBH019		09-131	Lac	62.5	31
8-Apr-09	DDITOZO	DDITOTO	135138116A	09-134	Ebo's reef	35.1	5.5
8-Apr-09			133532195A	09-135	Jerry's sponges	32.4	4.1
8-Apr-09	BBH022	BBH021	100002100A	09-137	Jerry's sponges	47.6	12.4
15-Apr-09	DDI 1022	DDITOZI	134476766A	09-138	Jeff Davis	30.9	3.5
17-Apr-09			133731295A	09-140	Knife	39.4	8.3
	BBH024	BBH025	133731293A	09-141	Knife	51.0	0.5
17-Apr-09 20-Apr-09	DDHU24	DDHUZU	133735674A	09-141	Jeff Davis	34.0	5.2
20-Apr-09 20-Apr-09			133947245A	09-143		26.9	2.5
24-Apr-09					Thousand steps		
			134736631A	09-147	Reserve	33.4	5.0
24-Apr-09			134956666A	09-148	Karpata	31.1	3.5
24-Apr-09			133632265A	09-149	Karpata	33.8	4.6
29-Apr-09			133937170A	09-151	Wayaka	26.2	2.2
29-Apr-09	14/1/15004	VAU IECOS	134667611A	09-152	Bisemorto	35.1	6.0
29-Apr-09	WH5921	WH5920	134729222A	08-028	Playa Frans	25.6	2.0
29-Apr-09			135145472A	09-154	Playa Frans	29.3	3.6
29-Apr-09			133871443A	09-155	Playa Frans	26.9	2.8
29-Apr-09				09-156	Playa Frans	34.5	5.2
4-May-09	BBH026	BBH028	ļ	09-158	Bopec	67.5	43.0
23-Jul-09			01048731	09-159	hi-released at Nea	34.7	5
2-Nov-09			151348222A	09-163	Lac	29.7	3.4
2-Nov-09	BBH042	BBH041		09-164	Lac	47.4	14.1
2-Nov-09	BBH031	BBH033		09-165	Lac	56.6	21
2-Nov-09	BBH044	BBH043		09-166	Lac	58.8	25

Green turtles (continued)

Green turt	les (contir	nued)			ı		
Date	Togloff	Ton right	DIT	Turtle ID	Location	001	Maiabt
capture	Tag left	Tag right	PIT	Turtle ID	Location	SCL	Weight
2-Nov-09			151347362A	09-167	Lac	37.7	7.1
2-Nov-09			151347524A	09-168	Lac	30.3	3.4
3-Nov-09			151347292A	09-169	Lac	42.2	9.4
3-Nov-09			151347100A	09-170	Lac	38.6	7.4
3-Nov-09	WH1039	BX1388		06-046	Lac	67.8	
3-Nov-09	BBH048	BBH047		09-173	Lac	59.7	30
3-Nov-09	BBH046	BBH045		09-174	Lac	44.5	11.3
4-Nov-09	WH7477	BBH055		09-175	Lac	80.4	71
4-Nov-09	BBH054	BBH053	-	09-176	Lac	47.1	13.9
4-Nov-09	BBH051	BBH052		09-177	Out of Lac	70.7	50
4-Nov-09	BBH050		151347612A	09-178	Out of Lac	55.4	22
9-Nov-09			151347786A	09-181	Lac	40.1	8
9-Nov-09	BBH062		135116250A	09-027	Lac	42.5	9.8
9-Nov-09	BBH061	BBH060		09-183	Lac	43.9	10.4
9-Nov-09			151348156A	09-184	Lac	35.3	5.8
9-Nov-09			151347201A	09-185	Lac	48.5	13.3
9-Nov-09	WH5810	BBG119		08-148	Lac	45.0	12.6
9-Nov-09			151347092A	09-187	Lac	37.1	6.3
9-Nov-09	BBH057	BBH034		09-188	Lac	43.7	10
9-Nov-09	BBH059	BBH058		09-189	Lac	41.6	8.9
10-Nov-09	BBH070	BBH071		09-190	Lac	45.0	13
10-Nov-09	BBH069	BBH068		09-191	Lac	46.5	14.7
10-Nov-09			151348010A	09-192	Lac	32.0	4.1
10-Nov-09			151348391A	09-193	Lac	40.5	9.3
10-Nov-09	BBH066	BBH067		09-194	Lac	43.6	11
10-Nov-09	WH1260	BX1272		07-070	Lac	55.0	21
10-Nov-09	BBH064	BBH065		09-196	Lac	41.9	9.9
11-Nov-09			151348266A	09-197	Lac	37.4	7.1
11-Nov-09			151347485A	09-198	Lac	37.9	5.6
11-Nov-09			151348001A	09-199	Lac	44.5	11.6
11-Nov-09			151347792A	09-200	Lac	39.2	8.2
11-Nov-09	BBH073	BBH072		09-201	Lac	44.3	11
11-Nov-09	BBH075	BBH079		09-202	Lac	47.0	13.2
11-Nov-09	BBH076	BBH077		09-203	Lac	43.4	10.3
11-Nov-09			151348355A	09-204	Lac	41.2	9.8
11-Nov-09			151348410A	09-205	Lac	37.7	7.7
11-Nov-09			151348395A	09-206	Lac	38.2	7.2
11-Nov-09			151348095A	09-207	Lac	37.5	7
11-Nov-09			151348127A	09-208	Lac	38.9	7.2
11-Nov-09	WM5984	BBG268		08-077	Lac	79.7	74
11-Nov-09	WE4218	BBH082		05-006	Lac	80.1	65
11-Nov-09			151347556A	09-211	Lac	66.9	38
11-Nov-09			151347450A	09-212	Lac	59.2	2 5
11-Nov-09	BBH081	BBH090		09-213	Lac	52.6	18.4
11-Nov-09	BBH078	BBH079		09-214	Lac	47.5	13.5
11-Nov-09	BBH084	BBH083		09-215	Lac	72.7	52
12-Nov-09			151348262A	09-216	Lac	42.8	10.3
12-Nov-09			151347136A	09-218	Lac	37.0	6
12-Nov-09			151347490A	09-219	Lac	46.9	13.9
11-Nov-09			151348417A	09-220	Lac	44.7	12
11-Nov-09			151347162A	09-221	Lac	46.6	12.2
11-Nov-09	BBH086	BBH085		09-222	Lac	58.0	27
16-Nov-09	WH1381	missing	151347147A	07-193	Lac	51.0	17.75

Green turtles (continued)

Ci ccii tai	Citating (continued)							
Date capture	Tag left	Tag right	PIT	Turtle ID	Location	SCL	Weight	
16-Nov-09	ragion	rug rigin	151347657A	09-225	Lac	47.7	14.1	
10-1101-09			131347037A	09-220	Lac	41.1	14.1	
16-Nov-09	WH7479	BBH089		09-226	Lac	83.9	77	
16-Nov-09	BBH087	BBH088		09-227	Lac	67.4	39.5	
17-Nov-09	BBH090	BBH091		09-228	Sorobon	50.9	17.3	
17-Nov-09			151347451A	09-229	Sorobon	35.5	6	
17-Nov-09			151347021A	09-230	Sorobon	36.9	6.9	
17-Nov-09			151347206A	09-231	Sorobon	40.3	8.4	
17-Nov-09			151347483A	09-232	Lac	34.1	5	
17-Nov-09			151347674A	09-233	Lac	42.4	9.8	
17-Nov-09	BBH093	BBH092		09-234	Lac	52.7	20	

Hawksbill turtles

D (l	ı				ı
Date capture	Tag left	Tag right	PIT	Turtle ID	Location	SCL	Weight
21-Jan-09	BX1117	WE4192		04-065	Ebo's reef	44.3	9
21-Jan-09	WH1320	WH1319		07-130	Ebo's reef	37.4	5.9
21-Jan-09	BBG247	WH5948	134731386A	05-075	No name	40.2	7.2
21-Jan-09	WH1400	WH5901	134567321A	08-010	No name	34.4	4.6
23-Jan-09	WH1328	WH1327	134673374A	06-123	No name	37.0	5.5
26-Jan-09	WH1126	WH1127	134976345A	06-120	Nearest poir	35.8	5.2
26-Jan-09	WH1006	BX1354	134970343A	05-098	Nearest poir	43.9	8.9
26-Jan-09	WH5956	WH5955	134956526A	08-064	Nearest poir	29.7	3.1
28-Jan-09	WH5872	WH5871	134530320A	09-014	Bon Bini na	34.2	4.2
16-Feb-09	WH5872	WH5871	134531312A	09-014	Ladanias	34.3	4.2
28-Jan-09	VVIIJO7Z	VVIIJOT I	134474720A	09-015	Bon Bini na	33.1	4.4
28-Jan-09			133437335A	09-016	1000 steps	33.8	4.4
			134557735A		Weisers Joy	23.8	1.3
28-Jan-09 9-Feb-09	WH5870	DDC457	134337735A	09-017	Bachelors B		
		BBG157	4000544544	09-018		37.6	6.1
16-Feb-09	WH1223	WH1224	133951151A	06-103	Old Bloe	38.2	6.2
16-Feb-09	WH5874	BBG160	4045454404	09-021	Ladanias	34.8	4.1
2-Apr-09	BBH006		134515113A	09-121	Out of Lac	38.4	6.1
16-Feb-09	WH5936	WH5935		08-035	Karpata	34.8	4.9
18-Feb-09	WE4055	WE4056	134552391A	03-038	Klein Bonair	46.1	11.2
18-Feb-09	WH5873	WH5875	133662111A	09-027	Klein Bonair	30.3	2.8
18-Feb-09	WH5877	WH5876	134533453A	09-028	Klein Bonair	31.4	3.4
20-Feb-09	WH5934	WH5933	134734490A	07-049	Reserve	33.3	4.5
25-Feb-09	WH5878	WH5879	134563783A	09-036	Bopec	32.0	3.9
27-Feb-09	WH5880	WH1060	133922530A	06-021	Playa Frans	40.7	7.5
2-Mar-09	WH5882	WH5881	133733263A	09-045	Wayaka	26.2	1.5
4-Mar-09	WH5883	BBG161		09-047	Malmok	40.9	6.5
6-Mar-09	WH5886	BBG162		09-048	Sweet Drea	47.2	11.2
6-Mar-09	WH5885	WH5884	133731261A	09-049	Sweet Drea	29.8	2.4
6-Mar-09	WH5887	WH5888	133937540A	09-050	Sweet Drea	34.6	4.5
9-Mar-09	WH1193	WH1192	133663346A	07-004	Sweet Drea	38.6	7.5
9-Mar-09			133666440A	09-054	Marget Bay	27.7	2.3
13-Mar-09	WH5900	BBG163		09-056	Atlantis	35.1	5.0
13-Mar-09	WH5898	WH5899	133758355A	09-057	Atlantis	30.8	3.2
13-Mar-09	BX1254	WH1229		07-040	Salt Pier	50.4	13.6
18-Mar-09	WH5897	WH5896	134424637A	09-065	Zeezicht	28.8	3.1
20-Mar-09	WH5895	WH5894	134739122A	09-068	Cliff	30.7	3.1
20-Mar-09	WH5893	WH5892	134525750A	09-069	Pitri's Pillar	26.6	2.0
20-Mar-09	WH1397	WH1396		08-006	Andrea 1	34.6	4.9
25-Mar-09	WH7407	BBG177		09-084	Out of Lac	63.7	30.0
25-Mar-09	WH5890	BBG176		09-086	Out of Lac	54.2	17.6
25-Mar-09	WH7403	BBG178		09-087	Out of Lac	58.7	22.0
25-Mar-09	WH5889	BBG175		09-088	Out of Lac	35.9	4.3
25-Mar-09	WH7406	BBG179		09-089	Out of Lac	38.5	6.5
25-Mar-09	WH1156	BX1205		06-143	Out of Lac	46.6	11.9
25-Mar-09	WH5836	BBG297		08-117	Lac	57.5	24
27-Mar-09	**110000	DDOZOI	133965737A	09-094	Lac	30.9	3.5
27-Mar-09	WH5802	BBG115	10000131A	08-137		52.7	14.6
					Cut of Lac		
30-Mar-09	BBG194	BBG195		09-106	Out of Lac	60.9	23
30-Mar-09	BBG199	BBG198		09-110	Lac	51.8	15
31-Mar-09	WH1256	BX1268		09-115	Lac	49.2	14.3

Hawksbill turtles (continued)

Date							
capture	Tag left	Tag right	PIT	Turtle ID	Location	SCL	Weight
2-Apr-09	WH5820	BBG127		08-154	Out of Lac	44.7	11.1
2-Apr-09	BBH012	BBH011		09-125	Lac	53.9	18.3
8-Apr-09	WH7417	WH7416	134935232A	09-132	Ebo's reef	27.0	2.2
8-Apr-09	WH7408	BBH023	134451445A	06-114	Ebo's reef	40.4	8.0
8-Apr-09	WH7412	WH7410	133944792A	09-136	Jerry's spon	30.6	3.6
17-Apr-09	WH1326	WH1321		07-132	Twixed	39.6	7.0
20-Apr-09	WH7418	WH7419	13458716A	09-142	Jeff Davis	30.2	2.8
20-Apr-09	WH8060	WH8061	134733586A	09-145	Old Blue	30.4	3.2
22-Apr-09	WH7423	WH7422	133736210A	09-146	Klein Bonair	25.7	1.9
29-Apr-09	WH5945	BBG255		08-043	Slagbaai	44.1	8.9
29-Apr-09	WH9074	BBH027		09-157	Playa Frans	40.1	7.8
31-Jul-09	WH7457	BBH0032		09-160	No name sta	81.9	
16-Sep-09	WH8056	BBH030		09-161	No name sta	ake 450	
2-Nov-09	BBH029	WH7476		09-162	Lac	54.4	17.5
4-Nov-09	BBG194	BBG195		09-106	Out of Lac	61.3	25

Appendix II. Lists of nests observed on Bonaire and Klein Bonaire during 2009

List of nests	observed on	Klein Bor	naire during	2009

Activity Location number Observation date Species 2 328 27-May Cc 4 892 30-May Cc 8 380 12-Jun Cc 9 1044 12-Jun Cc 11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 10 1630 19-Jun Ei 12			d on Klein Bor	naire during 2
2 328 27-May Cc 4 892 30-May Cc 3 524 1-Jun Cc 8 380 12-Jun Cc 9 1044 12-Jun Cc 11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 25 1882 22-Jul Cc 26 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 28 1042 30-Jul Cc 31 129-Jun Ei 10 1630 19-Jun <th< th=""><th>Activity</th><th></th><th>Observation</th><th></th></th<>	Activity		Observation	
4 892 30-May Cc 3 524 1-Jun Cc 8 380 12-Jun Cc 9 1044 12-Jun Cc 11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 28 1042 30-Jul Cc 28 1042 30-Jul Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-				
3 524 1-Jun Cc 8 380 12-Jun Cc 9 1044 12-Jun Cc 11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 26 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26				
8 380 12-Jun Cc 9 1044 12-Jun Cc 11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4				Cc
9 1044 12-Jun Cc 11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004	3	524	1-Jun	Cc
11 1855 24-Jun Cc 13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 11 1630 19-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 27-Jul Ei 22 760 20-Jul	8	380	12-Jun	Cc
13 660 26-Jun Cc 14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 160 29-Jul Ei 22 760 20-Jul Ei 23 255 2	9	1044	12-Jun	Cc
14 858 26-Jun Cc 17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 2760 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 <td< th=""><th>11</th><th>1855</th><th>24-Jun</th><th>Сс</th></td<>	11	1855	24-Jun	Сс
17 737 8-Jul Cc 19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 11 1630 19-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 2760 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 120 27-Jul Ei 25 1460 <t< th=""><th>13</th><th>660</th><th>26-Jun</th><th>Cc</th></t<>	13	660	26-Jun	Cc
19 1285 13-Jul Cc 21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 2760 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 430 24-Jul Ei 27 1120 27-Jul Ei 29 1465 <	14	858	26-Jun	Cc
21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 2760 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 40 24-Jul Ei 25 1460 24-Jul Ei 27 1120 27-Jul Ei 31 1245 <t< th=""><th>17</th><th>737</th><th>8-Jul</th><th>Cc</th></t<>	17	737	8-Jul	Cc
21 1151 20-Jul Cc 24 676 22-Jul Cc 25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 2760 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 40 24-Jul Ei 25 1460 24-Jul Ei 27 1120 27-Jul Ei 31 1245 <t< th=""><th>19</th><th>1285</th><th>13-Jul</th><th>Cc</th></t<>	19	1285	13-Jul	Cc
25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 11 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 27-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug	21		20-Jul	Сс
25 1882 22-Jul Cc 28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 11 24-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 24-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 1460 24-Jul Ei 25 1460 24-Jul Ei 27 1120 27-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei <th>24</th> <th>676</th> <th>22-Jul</th> <th>Сс</th>	24	676	22-Jul	Сс
28 1042 30-Jul Cc 30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 21 26 1401 Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 1460 24-Jul Ei 25 1460 24-Jul Ei 27 1120 27-Jul Ei 28 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854	25			
30 560 31-Jul Cc 34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 21 27 29-Jul Ei 23 255 22-Jul Ei 24 1460 24-Jul Ei 25 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 35 260 <t< th=""><th></th><th></th><th></th><th></th></t<>				
34 1130 19-Aug Cc 2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 21 27 20 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 21 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei <th< th=""><th></th><th></th><th></th><th></th></th<>				
2 1197 22-May Ei 7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 21 22 760 20-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 24 24-Jul Ei 25 26 1460 24-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 35 260 25-Aug Ei 36 2				
7 1190 8-Jun Ei 10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562			_	
10 1630 19-Jun Ei 12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 40 746 <t< th=""><th></th><th></th><th></th><th></th></t<>				
12 415 24-Jun Ei 15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 21 26 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 40 746 <td< th=""><th></th><th></th><th></th><th></th></td<>				
15 1105 26-Jun Ei 16 987 4-Jul Ei 20 1004 18-Jul Ei 20 1004 18-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 32 1563 11-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 40 746 18-Sep Ei 41 1004 <				
16 987 4-Jul Ei 20 1004 18-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420				
20 1004 18-Jul Ei 22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 <td< th=""><th></th><th></th><th></th><th></th></td<>				
22 760 20-Jul Ei 23 255 22-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 45 430				
23 255 22-Jul Ei 26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 45 430 28-Oct Ei 45 430 28-Oct Ei 46 560 2				
26 1460 24-Jul Ei 27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 45 430 28-Oct Ei 48 933				
27 1120 27-Jul Ei 29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 2				
29 1465 31-Jul Ei 31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 2				
31 1245 7-Aug Ei 32 1563 11-Aug Ei 33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 45 430 28-Oct Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-D				
32				
33 1854 17-Aug Ei 35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
35 260 25-Aug Ei 36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
36 2050 26-Aug Ei 37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
37 562 4-Sep Ei 38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
38 880 9-Sep Ei 39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
39 450 16-Sep Ei 40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
40 746 18-Sep Ei 41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
41 1004 21-Sep Ei 42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
42 420 25-Sep Ei 43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
43 265 29-Sep Ei 44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
44 1865 2-Oct Ei 47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
47 1120 14-Oct Ei 45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
45 430 28-Oct Ei 46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
46 560 20-Nov Ei 48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
48 933 23-Nov Ei 49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
49 925 25-Nov Ei 50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
50 725 25-Nov Ei 51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
51 707 2-Dec Ei 53 1450 12-Dec Ei 54 587 19-Dec Ei				
53 1450 12-Dec Ei 54 587 19-Dec Ei				
54 587 19-Dec Ei				
55 1041 31-Dec Ei				
	55	1041	31-Dec	Ei

There were a total of 38 hawksbill (Ei) nests and 20 loggerhead (Cc) nests on Bonaire and Klein Bonaire. No green turtle nests were detected during 2009, which was a low year for green turtle nesting activity throughout the Caribbean.

List of nests observed on other Bonaire beaches during 2009.

1	Fisherman's hut	30-May	Cc
2	Fisherman's hut	21-Jun	Сс
3	Fisherman's hut	29-Jun	Сс
4	Fisherman's hut	27-Jul	Сс
5	Donkey Beach	20-Oct	Ei
6	Donkey Beach	14-Nov	Ei
7	Washikemba	20-Sep	Ei

Appendix III. Abstracts of CIEE students' research

Physis, Journal of Marine Science CIEE Research Station Bonaire Tropical Marine Ecology & Conservation Program (available at www.cieebonaire.org.)

1. Vol. V Spring 2009

Comparison of Epibionts between Green (*Chelonia mydas*) and Hawksbill (*Eretmochelys imbricata*) Sea Turtles in Bonaire, NA Marylou Hildebrand

Abstract: Many pelagic organisms, including sea turtles, host unique communities of epibionts on the surfaces of their bodies. Although sea turtle epibiota have been studied in other areas of the world, very little research has been conducted on the epibionts found on sea turtles inhabiting the water around Bonaire, Netherland Antilles. In this study, epibiont samples were obtained from 33 sea turtles found in Bonaire. Epibionts included green and red algae, polychaete worms, skin barnacles, and turtle barnacles. Barnacle abundance and epibiont biodiversity was determined for each size class (Small, Medium, Large juveniles) of the two most common species of sea turtles found on Bonaire (*Eretmochelys imbricata* and *Chelonia mydas*). There was no significant difference in number of barnacles between *E. imbricata* and *C. mydas*. However, there was a significant increase in the number of barnacles with increasing size class in both *E. imbricata* and *C. mydas*. Epibiont biodiversity was significantly higher on *E. imbricata* but did not increase with size class for either species. Such findings indicate that the distinct life histories of *C. mydas* and *E. imbricata* may lead to varying degrees of epibiont accumulation.

2. <u>Vol. VI Fall 2009</u>

Hawksbill turtle (Eretmochelys imbricata) nests: Possible nutrient sources and drivers of community structure in a tropical marine system Noelle Hawthorne, Bucknell University

Abstract: Beach environments are considered nutrient poor systems that support limited abundances of life due to the lack of attainable nutrients. Since the surrounding environment is nutrient limited, plants and organisms residing in sandy beach communities take advantage of available nutrients whenever possible, for example, nests laid on the beach. This study assessed whether nesting hawksbill sea turtles (Eretmochelys imbricata) are transporters of nutrients from ocean systems to nutrient-poor beaches of Bonaire, N.A. It was hypothesized that nitrogen (N) and phosphorus (P) levels would be elevated, infaunal organisms would be more abundant, and plant cover would be higher in nest plots compared to areas without nests. To determine the input of nutrients from nesting and the potential effects of nutrient enrichment on the plants and infauna, five experimental arrays, including nest, mechanically disturbed (no nutrient addition), and undisturbed treatments were sampled from September to October 2009 on Klein Bonaire. Five days following hatching events, sediment cores were taken to assess concentrations of N and P, as well as to determine the abundance of infauna. Plant percent cover was also determined for each plot. Nutrients did not differ significantly among plot type, with both N and P consistently at low concentrations. For all nest plots, 2.5 X more taxonomic groups, including known predators, were detected than in undisturbed or mechanically disturbed plots. No plants were found in any plot type for the duration of the study. This study suggests that hawksbill sea turtle nests are not strong drivers of coastal community structure in Bonaire. It is believed that the CaCO3 composition of the sand and the limestone base of the island do not allow for nutrient retention and thus excess nutrients are not available for exploitation by beach plants or infauna.

Appendix IV. Funders and donors during 2009

STCB is a non-profit, non-governmental organization. We raise funds through conservation and research grants, merchandise sales and from individual and business donors.

Flagship Funder 2008 - 2010



www.worldwildlife.org

In 2008, WWF Netherlands expanded its longtime presence on Bonaire by awarding a 3-year grant in support of STCB's work in sea turtle conservation on Bonaire. This grant is administered by STINAPA Bonaire.

Major Funders

UNESCO

Dutch Caribbean Nature Alliance (DCNA)

Platinum Donors

Marlene Robinson and Bruce Brabec Michael and Anne Contratto Maduro & Curiel's Bank (Bonaire)

Gold Donors

Marcel Cleerer Robert and Robbie Revel

Silver Donors

Kristen Harris
Co de Koning
Diane Hopkins
Bonnie and David Pascoe
Pauline Kayes
Serena Black

Bronze Donors

Milton Best
Patrick and Hettie Holian
Lisa Ahonen
Barbel Heusinkveld
Leo Hoogenboom
Meade Lowance

Anonymous contributors

Appendix V. Staff and Board of Directors

Staff

Mabel Nava, *Manager* Funchi Egbreghts, *Field Specialist*

Scientific Advisor

Robert van Dam

STCB - Bonaire, Board of Directors

Bruce Brabec, *President/Treasurer*Anouschka van de Ven, *Secretary*Corine Gerharts
Marlene Robinson
Diana Sint Jago
Albert de Soet, *STCB Founder*Guido Wiersma

Advisory Members of the Board

Jan Kloos Allerd Stikker

Appendix VI. STCB partners, supporters and volunteers

International Partners

Wider Caribbean Sea Turtle Conservation Network (WIDECAST) Wildlife Trust WWF Netherlands (WWF-NL) Support Bonaire, Inc.

Regional Partners

Department of Environment & Nature (MINA)
Dutch Caribbean Nature Alliance (DCNA)
Nature Foundation St. Maarten
Parke Nacional Arikok (Aruba)
Saba Conservation Foundation
St. Eustatius National Parks Foundation
Turtugaruba

Local Partners

STCB is a member of Aliansa Naturalesa di Bonaire
Bonaire Department of Environment and Natural Resources (DROB)
CIEE Research Station Bonaire
Jong Bonaire
Progressive Environmental Solutions
Salba Nos Lora
STINAPA Bonaire
Bonaire National Marine Park
Washington-Slagbaai National Park
Tene Boneiru Limpi

Local Business Supporters

These businesses provide ongoing support to STCB programs and activities through the donation of in-kind services:

The Beach Shop at Harbour Village
BITS (Hanny Kalk & Gijs Hoogerkamp)
Buddy Dive Resort
Budget Rent A Car Bonaire
Carib Inn (Bruce Bowker)
CARGILL Salt Bonaire
Gaia Productions
Harbour Village Marina
Kantika di Amor
Mangrove Kayak Center
NetTech (Jake Richter & Susan Davis)
SELIBON
Wannadive
Woodwind Cruises

Appendix VI. (continued)

2009 Volunteers

Barbel Heusinkveld
Chris Richards
Doi Boekhoudt
Lee Bray & Andy Uhr
Marylou Hildebrand
Patrick and Hettie Holian
Ralph 'Moogie' Stewart
Red Berger
SGB students
Tina Lindeken
Anne Zaat

And to the many volunteers who helped with our in-water sea turtle surveys: Claudia, Marco, Enny, Elisabeth, Gil, Gladys, Amy, Lee, Marylou, Moogie, Tricia, Robert, Hettie, Jan, Annemarie, Femke, Lee, Irene, Michele, Patrick, Barbel, Jeanie, Diego, Jessica, Anna, Asco, Maria, Greetje, Kevin, Anouschka, Mary Kay, Ken, Luisa, Sam, Rhian, Roan, Diana, Marianne, Alissa, Julie, Amanda, Bill, Nathan, Tarek, Kris, Ton, CIEE, Patricia, Esther, Jill, Kate, Jacob, Ely, Blue, Max, Arno

Special thanks to jazz artist Izaline Calister who donated her voice for a series of radio spots we produced on sea turtle conservation and that we distributed to the islands of the Dutch Antilles.

Appendix VII. Ways to donate

You can help protect Bonaire's sea turtle populations by donating to STCB. We welcome – and depend on – the financial support of people like you. Whether it's \$10, \$100, or \$10,000, whatever you give makes an important difference.

Online:

Go to our website at bonaireturtles.org

Donate by mail:

Make check payable to:
Sea Turtle Conservation Bonaire

And mail to: STCB PO Box 492, Kralendijk, Bonaire Netherlands Antilles

Donate by bank transfer:

To make a donation locally on Bonaire:

Maduro & Curiel's Bank Bonaire

Account name: Sea Turtle Conservation Bonaire

Account number: 101.169.209

To make a donation from the USA:

Beneficiary: Sea Turtle Conservation Bonaire

Account number: 101.169.209

Beneficiary Bank: Maduro & Curiel's Bank Bonaire

Swift code: MCBKANCUBON

Correspondent Bank: Bank of America

Swift Code: BOFAUS3N

To make a donation from Europe:

Beneficiary: Sea Turtle Conservation Bonaire

Account number: 101.169.209

Beneficiary Bank: Maduro & Curiel's Bank Bonaire

Swift code: MCBKANCUBON

Correspondent Bank for Euro: Rado Bank Nederland

Swift Code RABONL2U

To discuss other ideas for giving, please call Manager Mabel Nava at 599-717-2225, or email us at stcb@bonaireturtles.org