SWOT Data Contributors

Definitions of Terms

Nests: A count of the number of nests laid by hawksbill females during the monitoring period.

Nesting females: A count of observed nesting female loggerheads during the monitoring period.

Crawl: A female hawksbill's emergence onto the beach to nest. These counts may or may not include false crawls.

False crawl: An emergence onto the beach by a female hawksbill that does not result in a nest.

Estimated nests: An estimate of the number of hawksbill nests laid in a season. Methods of estimation vary.

Monitoring effort: The level of effort used to monitor nesting on a given beach.

Year: The year in which a given nesting season ended (e.g., data collected between late 2005 and early 2006 are listed as year 2006).

Hawksbill Data Citations

Guidelines for Data Use and Citation

The hawksbill nesting data below correspond directly to this report's feature map (pp. 11-12), organized alphabetically by country and beach name. Every data record with a point on the map is numbered to correspond with that point. These data have come from a wide variety of sources and in many cases have not been previously published. Data may be used freely, but must be cited to the original source as indicated in the "Data Source" field of each record. Only original data are reported here—not the converted values that were sometimes used in the feature map. For more information on data conversions, see the sidebar

In the records below, nesting data is reported from the last complete nesting season in 2006 from all available beaches. For those beaches from which recent data were not available, the most recently available data are reported.

Important Note about Hawksbill Data

Great effort has gone into providing sufficient information with each data record to allow the quality and source of the record to be fairly evaluated. While every attempt has been made to ensure the accuracy of these data, absolute accuracy cannot be guaranteed. Information on monitoring effort and its relativity to the nesting season are reported where available in order to allow for a more complete evaluation of

ANGUILLA, BRITISH OVERSEAS TERRITORY

Data Record 1

Data Source: Gumbs, J. 2008. Hawksbill nesting in Anguilla Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beaches: Barnes Bay, Cove Bay, Junk's Hole Bay, Limestone Bay, Long Bay, Mead's Bay, Mimi Bay, Savannah Bay, Windward Point, Sandy Hill Bay, and Shoal Bay East

Year: 2006 Count: 5-10 estimated nests at each

Nesting Beaches: Blackgarden Bay and Captain's Bay Year: 2006 Count: 1–5 estimated nests at each

Comments: At present, there is no nesting beach monitoring program in Anguilla. Nesting numbers are estimated annual averages based on historical data.

SWOT Contact: James Gumbs

ANTIGUA AND BARBUDA

Data Source: Munhofen, J., and S. Ramirez. 2007. Tagging and Nesting Research on Hawksbill Turtles (Eretmochelys imbricata) at Jumby Bay, Long Island, Antigua, West Indies. Jumby Bay Hawksbill Project, WIDECAST. Unpublished report.

Nesting Beach: Pasture Bay

Year: 2006 Count: 224 nests, 62 nesting females

Beach Length: $450\ \text{m}$

Monitoring Effort: Nightly patrols covering the entire beach were conducted between June 15 and November 15, 2006. Nesting season is June to mid-November, with its peak in August.

SWOT Contacts: Peri Mason and Jim Richardson

Data Record 3

Data Source: Van der Wal, E., and R. Van der Wal, Turtugaruba (Aruban Foundation for Sea Turtle Protection and Conservation). 2008. Hawksbill nesting in Aruba. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Arashi Beach

Year: 2006 Count: 0 nests Beach Length: 0.6 km **Monitoring Effort:** Daily morning patrols covering the entire beach were conducted between June 1 and October 15, 2006 Although no hawksbill nesting was recorded in 2006, hawksbills have been known to nest at this site in past years. Nesting season is June to November.

Nesting Beach: Baby Beach

Year: 2006 Count: 5 nests Beach Length: 100 m Monitoring Effort: Nightly patrols covering the entire beach were conducted between August 1, 2006 and January 20, 2007. Nesting season is June to November, with its peak in September and October.

SWOT Contacts: Edith and Richard Van der Wal

AUSTRALIA

Data Source: Limpus, C. J., and J. D. Miller. 2000. Final Report for Australian Hawksbill Turtle Population Dynamics Project. Queensland, Australia: Queensland Parks and Wildlife Service, and the Japan Bekko Association.

Nesting Beaches: Albany Island, Aukane Island, Bet Island, Bourke Island, Boydong Island, Dadalai Island, Layoak Island, Mimi Island, Mt. Adolphus Island, Saddle Island, Zuizin Island, and an unnamed island, Queensland

Comments: Nesting data from 2006 were not available. Aerial surveys combined with on-the-ground counts in February 1997 found that these 12 islands in the Torres Strait and Northeastern Queensland each hosted between 100 and 500 nesting hawksbills annually. An additional 28 islands in this region were found to have an estimated 10-100 nesting hawksbills per year, and another

27 islands were found to have an estimated 1–10 hawksbill nesting females per year. Limpus and Miller (2000) estimated that the total hawksbill nesting population in Queensland was approximately 4,000 nesting females annually.

Nesting Beaches: Dayman Island, Hawkesbury Island, and Long Island, Torres Strait, Queensland

Comments: Nesting data from 2006 were not available. Aerial surveys combined with on-the-ground counts in February 1997 found that these three islands each hosted more than 500 nesting hawksbills annually.

Nesting Beaches: Outer English Company Islands and the northeastern, northwestern, and southeastern areas of Groote Evlandt and nearby islands, Northeastern Arnhem Land,

Comments: Nesting data from 2006 were not available. Aerial surveys combined with on-the-ground counts in 1997 documented 12 sites in Northeastern Arnhem Land that are each estimated to host more than 100 nesting hawksbills annually. Nesting on these beaches is concentrated in the four general areas listed above: the outer English Company Islands, the northeastern area of Groote Eylandt Island, the northwestern area of Groote Eylandt Island, and the southeastern area of Groote Eylandt Island.

Data Record 5

Data Source: Pendoley, K., Howitt, L., Speirs, M., and A. Viternbergs. 2008. Hawksbill nesting in Western Australia. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). Nesting Beach: Bivalve Beach, Pilbara, Western Australia Year: 2006 Count: 1 tagged female Beach Length: 0.6 km

Nesting Beach: Mushroom Beach, Pilbara, Western Australia Year: 2006 Count: 2 tagged females Beach Length: 1.2 km

Nesting Beach: YCN, Pilbara, Western Australia Year: 2006 Count: 2 tagged females Beach Length: 1.1 km

Nesting Beach: YCS, Pilbara, Western Australia Year: 2006 Count: 2 tagged females Beach Length: 0.9 km Monitoring Effort: Nightly patrols were conducted at each of the above beaches from November 22 to December 21, 2006 Nesting season is September to December, with its peak in October

Nesting Beach: Rosemary Island, Western Australia Year: 2006 Count: 423 tagged females Beach Length: 2.2 km Monitoring Effort: Nightly patrols were conducted from October 13 to 27, 2006. Nesting season is September to December, with its peak in October and November.

Nesting Beach: Varanus Island, Western Australia Year: 2006 Count: 22 tagged females Beach Length: 320 m Monitoring Effort: Nightly patrols were conducted from October 26 to November 9, 2006. Nesting season is September to December, with its peak in October and November.

SWOT Contact: Kellie Pendoley

Data Source: Bell, I. P. 2006. *Milman Island Nesting Studies 8th* to 29th January 2006. Queensland Parks and Wildlife Service. Nesting Beaches: Cairncross Island, Crocodile Island, Douglas Island, and Sinclair Island, Oueensland

Comments: These islands, near Milman Island, were not monitored during 2006, but they are known to host low-density hawksbill nesting.

Nesting Beach: Milman Island, Queensland Year: 2006 Count: 229 confirmed nests, 112 nesting females Beach Length: 2.4 km

Monitoring Effort: Nightly patrols were conducted from January 8 to January 29, 2006. These counts should be considered minimum values; sting season was well advanced before the monitoring period. SWOT Contacts: Ian Bell, Kirstin Dobbs, and Colin Limpus

THE BAHAMAS

Data Source: (1) Bolten, A. 2008. Hawksbill nesting in Bahamas: Personal communication. In *SWOT Report—The State of the World's* Sea Turtles, vol. 3 (2008). (2) Mortimer, J. A., and M. Donnelly Forthcoming. Eretmochelys imbricata. In IUCN 2008, 2008 IUCN Red List of Threatened Species.

Comments: Nesting data from 2006 were not available. There is scattered low-density nesting throughout the approximately 700 cays of the Bahamas. Although there is no monitoring, rough estimates place between 500 and 1,000 hawksbill nests each year throughout the Bahamian Archipelago

SWOT Contacts: Karen Bjorndal and Alan Bolten

BARBADOS

Data Source: Horrocks, J., Krueger, B., and J. Beggs. 2008. Hawksbill nesting in Barbados. In *SWOT Report—The State of the World's* Sea Turtles, vol. 3 (2008).

Nesting Beach: Bath Beach

Year: 2006 Count: 102 nests Beach Length: 0.9 km Monitoring Effort: The entire beach is patrolled each morning year-

round. Peak nesting is May to September.

Nesting Beach: East Coast Beaches Year: 2006 Count: 59 nests Beach Length: 9 km

Monitoring Effort: Beaches were patrolled weekly from March 1 to July 31, 2006. Peak nesting is between March and July.

Nesting Beach: Needham's Point Beach

Year: 2006 Count: 354 nests Beach Length: 1.1 km **Monitoring Effort:** As an index beach, it was patrolled all night, every night, from May to September, twice every night from October to November, and once every week from December through April. Nesting is year-round, with its peak from May to September

Nesting Beach: South Coast Beaches

Year: 2006 Count: 261 nests Beach Length: 4.5 km Monitoring Effort: Beaches on the South Coast were patrolled twice every night during the peak nesting season from May to September, every night from October to November, and once every week from December to April.

Nesting Beach: West Coast Beaches

Year: 2006 Count: 1,044 nests Beach Length: 22 km Monitoring Effort: Beaches on the West Coast were patrolled twice every night during the peak nesting season from May to September, every night from October to November, and once every ek from December to April.

SWOT Contacts: Jen Beggs, Julia Horrocks, and Barry Krueger

BELIZE

Data Source: (1) Dow, W. E., and K. L. Eckert. 2007. Sea Turtle Nesting Habitat—A Spatial Database for the Wider Caribbean Region. Wider Caribbean Sea Turtle Conservation Network (WIDECAST) and The Nature Conservancy. WIDECAST Technical Report No. 6. Beaufort, North Carolina. (2) Mortimer, J. A., and M. Donnelly. Forth-coming. *Eretmochelys imbricata*. In IUCN 2008, 2008 IUCN Red List of Threatened Species. (3) Smith, G. W. 1992. Hawksbill turtle nesting at Manatee Bar, Belize, 1991. *Marine Turtle Newsletter* 57:1–5. **Nesting Beaches:** Manatee Bar, Sapodilla Cays, and South Water Caye

Comments: Nesting data from 2006 were not available. These areas are known to support hawksbill nesting.

BRAZIL

Data Record 10

Data Source: Marcovaldi, M., Soares, L., and C. Bellini. 2008. Hawksbill nesting in Brazil. In *SWOT Report—The State of the* World's Sea Turtles, vol. 3 (2008).

Nesting Beaches: Abaís, Pirambu, and Ponta dos Mangues, Sergipe state

Year: 2006 Count: 118 nests Beach Length: 125 km

Nesting Beaches: Arembepe, Costa do Sauipe, Praia do Forte, Costa do Sauipe, and Sitio do Conde, Bahía state Year: 2006 Count: 1,159 nests Beach Length: 213 km

Nesting Beaches: Pipa, Rio Grande do Norte state

Year: 2006 Count: 240 nests Beach Length: 9 km Monitoring Effort: At all of the above beaches, the entire beach was patrolled daily and nightly from September 1, 2005, to March 31, 2006. Nesting season is early September to late March, with its peak from December to February

SWOT Contacts: Claudio Bellini, Maria A. Marcovaldi, and Luciano Soares

CAMEROON

Data Record 11

Data Source: CEROCOMA and PROTOMAC. Rapport des Activités. Cameroon, Central Africa. Unpublished report.

Nesting Beaches: Beaches south of the town of Kribi Year: 2006 Count: 0 nests

Monitoring Effort: The entire beach was patrolled daily from September 11, 2005, to April 30, 2006. Nesting season is September

SWOT Contacts: Alain Gibudi and Jules Ngunguim

CAYMAN ISLANDS, BRITISH OVERSEAS TERRITORY

Data Record 12

 $\textbf{Data Source:} \ \mathsf{Solomon, J., and J. \ Blumenthal.} \ \textit{Cayman Islands}$ Government, Department of Environment Annual Marine Turtle Beach Monitoring Program 2006. Unpublished report.

Nesting Beach: Frank Sound, Grand Cayman Year: 2006 Count: 4 nests Beach Length: 1.43 km

Nesting Beach: Seven Mile Beach, Grand Cayman Year: 2006 Count: 1 nest Beach Length: 8.83 km

Monitoring Effort: The entire beach was patrolled twice per week from April 28 to September 28, 2006. Nesting season is early-May to mid-July, with its peak from May to July.

SWOT Contacts: Joni Solomon and Janice Blumenthal

CHAGOS ARCHIPELAGO **BRITISH OVERSEAS TERRITORY**

Data Source: Mortimer, J. A., and M. Day. 1999. Sea turtle populations and habitats in the Chagos Archipelago. In C. R. C. Sheppard and M. R. D. Seaward, eds, 1999, *Ecology of the Chagos Archipelago*, Linnean Society Occasional Publications 2.

Nesting Beaches: Chagos Archipelago

Comments: Nesting data from 2006 were not available. An estimated 300 to 700 hawksbill nests are laid each year in the Chagos Archipelago. The most abundant nesting is on the islands of Peros Banhos and Diego Garcia.

SWOT Contact: Jeanne A. Mortimer

CHINA

Data Record 14

Data Source: (1) Cheng, I. J. 1995. Sea turtles at Dungsha Tao, South China Sea. Marine Turtle Newsletter 70:13–14. (2) Cheng, I. J. 1996. Sea turtles at Taipin Tao, South China Sea. Marine Turtle Newsletter 75: 6–8. **(3)** Liang, Y. L., Dai, Y. R., Liu, Y. Q., Liu, S. Y., Wan, X. J., Song, Z. H., Chen, D. T., et al. 1990. The investigation of sea turtle resources in the South China Sea and the development of artificial hatching techniques for sea turtles. *In Report of the South China Sea* Turtle Resources Conservation Station, Major Research Project of the Aquaculture Department. China: Bureau of Agriculture.

Nesting Beach: Donsha, Taiwan

Comments: Nesting data from 2006 were not available. The last record of nesting is from 1995 when 5 nests and beach crawls were found during nightly surveys. Nesting season is from May to October.

Nesting Beach: Qilianyu, Xhisha Archipelago Comments: Nesting data from 2006 were not available. Hawksbills are known to nest on this beach in limited numbers.

Nesting Beach: Taipin Tao, Nan-sha Archipelago, Taiwan **Comments:** This is a military-controlled island, and nesting data from 2006 were not available. Surveys conducted in 1996 found that hawksbills nest on these beaches.

SWOT Contact: I-Jiunn Cheng

COLOMBIA

Data Record 15

Data Source: Patiño-Martinez, J., and L. Quiñones. 2008. Hawksbill nesting in Colombia: Personal communication. In SWOT Report-The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beaches: Acandi-Chilingos, Capitancito, Playeta, Playona, and Pueblo Nuevo

Comments: Each of these beaches contains hawksbill nesting of unknown numbers, beginning in May and with an unspecified end date. This information was determined through track counts and interviews with local residents

SWOT Contacts: Juan Patiño Martinez and Liliana Ouiñones

Data Source: Pavia, A., and C. Monterrosa. 2008. Hawksbill nesting in Tayrona National Park, Colombia. In *SWOT Report—The State of* the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Arrecifes, Tayrona National Park, Magdalena

Year: 2006 Count: 3 nests, 11 crawls Beach Length: 2.5 km **Monitoring Effort:** The entire beach was patrolled daily from April to September, 2006. Nesting season is May to September, with its peak in July and August.

SWOT Contacts: Carolina Monterrosa and Alejandro Pavia

COSTA RICA

Data Source: Gaos, A. R., Yañez, I. L., and R. M. Arauz. 2006. Sea Turtle Conservation and Research on the Pacific Coast of Costa Rica. Programa Restauración de Tortugas Marinas (PRETOMA).

Nesting Beach: Caletas-Ario National Wildlife Refuge Year: 2006 Count: 4 nests Beach Length: 5 km Monitoring Effort: The entire beach was patrolled nightly from July 1, 2005, to March 31, 2006.

SWOT Contacts: Alexander Gaos and Ingrid Yañez

Data Record 18

Data Source: Hutchinson, A. 2008. Hawksbill nesting on Playa Camaronal, Costa Rica: Personal communication. In SWOT Report—

The State of the World's Sea Turtles, vol. 3 (2008). **Nesting Beach:** Camaronal National Wildlife Refuge

Comments: Nesting data from 2006 were not available. Camaronal is known to host sporadic hawksbill nesting of one or two nests

SWOT Contact: Alec Hutchinson

Data Record 19

Data Source: Chacón-Chaverrí, D. 2008. Hawksbill nesting in Costa Rica: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Isla Uvita, Limón Year: 2006 Count: 1–2 nests per year Nesting Beach: Manuel Antonio National Park

Year: 2006 Count: 1–2 nests per year Nesting Beach: Playa Cahuita Year: 2006 Count: 25-75 nests per year

Nesting Beach: Playa Gandoca Year: 2006 Count: 15-25 nests per year

Nesting Beach: Playa Pacuare Year: 2006 Count: 1-2 nests per year Nesting Beach: Playa Platanares, Osa Peninsula

Year: 2006 Count: 1-3 nests per year Nesting Beach: Punta India to Rayo, Guanacaste

Year: 2006 Count: 1–2 nests per year Nesting Beach: Rio Oro, Osa Peninsula Year: 2006 Count: 1 estimated nest per year

Nesting Beach: Punta India to Rayo, Guanacaste Year: 2006 Count: 1-2 nests per year

Comments: Pacific Costa Rica hosts sporadic hawksbill nesting.

SWOT Contact: Didiher Chacón

Data Record 20

Data Source: Piedra, R. 2008. Hawksbill nesting on Playa Langosta, Costa Rica: Personal communication. In *SWOT Report—The State of* the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Playa Langosta, Las Baulas National Marine Park,

Year: 2006 Count: 0 nests Beach Length: 1.3 km Comments: The most recently recorded hawksbill nests on Playa Langosta were noted in 2003, when two nests were encountered. SWOT Contact: Rotney Piedra

Data Source: Venegas, R. 2006. *Report of Activities and Research in Pacuare Reserve, 2006 Season.* Pacuare Reserve Marine Turtle Conservation Project, Playa Mondonguillo. Endangered Wildlife Trust. Unpublished report.

Nesting Beach: Playa Mondonguillo, Limón province Year: 2006 Count: 2 nests, 5 nesting females

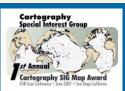
Beach Length: 5.7 km



© COURTESY OF MAHTA GOITON

Mahta Goitom, Yohannes Teclemariam, and Tekle Mengstu Eritrea's Coastal Marine and Island Biodiversity Project: Location: Massawa, Eritrea

Our project has found that 109 sites in the Eritrean Red Sea host hawksbill nesting. Our goals have been to summarize the status of sea turtle populations in Eritrea and provide conservation recommendations to coastal and marine authorities. Our project phased out in December 2007, but we hope that our work will generate long-term efforts to conserve and study sea turtles in our country.



Cartography Special Interest Group has presented SWOT map coordinator Kellee Koenig, based at Cartography Si6 Map Award
Bill bar Cartography Si6 Map Award
Conservation International,
with an award for the
"2005 Worldwide Loggerman dead Nesting Sites" map featured in SWOT Report, Vol. II.

Monitoring Effort: The entire beach was patrolled daily and nightly from February 28 to September 30, 2006.

SWOT Contact: Ruben Venegas

Data Record 22

Data Source: Castro-Morales, C., and F. Campos-Rodriguez. 2006. *Final Report: Research and Protection of the Leatherback, Green and* Hawksbill Turtles of the Parismina River Mouth. Asociación Salvemos Las Tortugas de Parismina. Unpublished report. Nesting Beach: Playa Parismina, Limón province

Year: 2006 Count: 3 nests Beach Length: 5.6 km Monitoring Effort: The entire beach was patrolled nightly from February 15 to October 15, 2006. Nesting season is May to August. SWOT Contact: Vicky Taylor

Data Record 23

Data Source: De Haro, A., et al. 2007. Report on the 2006 Green Turtle Program at Tortuguero, Costa Rica. Caribbean Conservation Corporation. Unpublished report.

Nesting Beach: Playa Tortuguero, Tortuguero National Park Year: 2006 Count: 14 nesting females Beach Length: 29 km Monitoring Effort: Approximately 8.0–14.5 kilometers of beach were patrolled nightly from March 5 to October 31, 2006. Nesting is April to November with its peak from May to July. SWOT Contact: Emma Harrison

CÔTE D'IVOIRE

Data Record 24

Data Source: Fretey, J. 2001. *Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa*. CMS Technical Series, Publication No. 6. Bonn, Germany: United National Environment Program / Convention on Migratory Species Secretariat.

Nesting Beaches: Beaches of Balmar and Many-Dodo Comments: Local fishermen report hawksbill nesting on these beaches. Nesting numbers are unknown, and are presumed to be low. **SWOT Contact:** Jacques Fretey

CUBA

Data Record 25

Data Source: (1) Moncada, F., Carrillo, E., Saenz, A., and G. Nodarse. 1999. Reproduction and nesting of hawksbill turtle, *Eretmochelys* imbricata, in the Cuban Archipelago. Chelonian Conservation and Biology, vol. 3, no. 2 (1999). (2) Moncada, F., Nodarse, G., Medina, Y., and E. Escobar. 2006. Annual Report on Hawksbill Turtle (Eretmochelys imbricata) Research in Cuba (February 2006–February 2007). Cuba: Marine Turtle Project, Fisheries Research Center. (3) Moncada, F. 2008. Hawksbill nesting in Cuba: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). Nesting Beaches: Playas del Laberinto de las Doce Leguas,

Camaguey and Ciego de Avila provinces

Year: 2006 Count: 120 nests Beach Length: 37.71 km Monitoring Effort: Nightly beach patrols were conducted from October 1, 2006 to January 31, 2007. Nesting season is October to January with its peak in November.

Comments: Hawksbills nest throughout the Cuban archipelago in many sites where monitoring is not possible. Previous estimates of annual nesting are that between 2,000 and 2,500 nests are laid per year throughout Cuba. However, these estimates are not current and nay need revision

SWOT Contact: Félix Moncada

DOMINICA

Data Record 26

Data Source: Byrne, R. 2008. Hawksbill nesting in Dominica: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beaches: Bodega Bay, Cabana Beach/Londonderry, Hamstead Beach, Marigot Beach, and Woodford Hill **Year:** 2006 **Count:** 10–15 nests per year at each beach Beach Length: Each beach is less than 1 km in length, with the exception of Cabana Beach/Londonderry, which is slightly less

Nesting Beaches: Castaways Beach, Castle Bruce, Donkey Beach, La Plaine-Bout Sable Beach, Maho Beach, Massace Beach, Petit Soufiere, Point Michele, Pottersville Roseau, Rockaway Beach, Rosalie Beach, Scotts Head, and Soufiere

Year: 2006 Count: 1-5 nests per year at each beach

Nesting Beaches: Dublanc Beach, Macousirie Beach, Portsmouth Beach, Salisbury Beach, and Toucarie Beach

Year: 2006 Count: 5–10 nests per year at each beach

SWOT Contact: Rowan Byrne DOMINICAN REPUBLIC

Data Record 27

Data Source: Tomás, J., León, Y. M., Feliz, P., Geraldes, F. X., Broderick, A. C., Fernández, M., Godley, B. J., and J. A. Raga. 2007. Sea turtle nesting populations of the Dominican Republic. In 14th European Congress of Herpetology, Porto (Portugal), 19–23 September 2007. Book of abstracts.

Nesting Beach: Jaragua National Park Year: 2006 Count: 23 nests

Monitoring Effort: Data were collected during intensive surveys and interviews in 2006. These surveys are the first systematic surveys of hawksbill nesting in the Dominican Republic in more than 25 years. Nesting season is from July to November.

Comments: Illegal egg take at this site was observed to be nearly 100 percent.

Nesting Beach: Saona Island, East National Park

Year: 2006 Count: 62 nests

Monitoring Effort: Data were collected during intensive surveys and interviews in 2006. These surveys are the first systematic surveys of hawksbill nesting in the Dominican Republic in more than ${\tt 25}$ years. Nesting occurs year-round at this site.

Comments: Illegal egg take at this site was observed to be about 50 percent. During these surveys, low-level hawksbill nesting (1–4 nests per season) was detected at another 10 sites in the Dominican Republic.

SWOT Contact: Jesús Tomás

ECUADOR

Data Source: Zarate, P. 2008. Hawksbill nesting in Ecuador: Personal communication. In *SWOT Report—The State of the World's* Sea Turtles, vol. 3 (2008).

Nesting Beaches: La Playita de Salango, Las Playitas de los Frailes, Las Tunas, Machalilla, and Playa Cerro Viejo.

Comments: Hawksbill nesting is sporadic in Ecuador, with limited nesting each year on these beaches.

SWOT Contact: Patricia Zarate

FOUATORIAL GUINEA

Data Record 29

Data Source: Rader, H., and G. Hearn. 2008. Hawksbill nesting on Bioko Island, Equatorial Guinea. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Beach A, Bioko Island Year: 2006 Count: 0 nests Beach Length: 1.78 km

Nesting Beach: Beach B, Bioko Island

Year: 2006 Count: 0 nests Beach Length: 3 km

Nesting Beach: Beach C, Bioko Island

Year: 2006 Count: 2 nests Beach Length: 3.34 km

Nesting Beach: Beach D, Bioko Island

Year: 2006 Count: 0 nests Beach Length: 3.41 km

Nesting Beach: Beach E, Bioko Island

Year: 2006 Count: 0 nests Beach Length: 4.11 km

Monitoring Effort: Beaches were patrolled nightly from October 9, 2005 to April 30, 2006. Nesting season is October to April with its peak in December and January.

SWOT Contacts: Gail W. Hearn and Heidi Rader

Data Record 30

Data Source: Fretey, J. 2001. *Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa*. CMS Technical Series, Publication No. 6. Bonn, Germany: United National Environment Program / Convention on Migratory Species Secretariat. **Nesting Beaches:** Mainland beaches from Iduma to Etembue and

from Nendyi to Cabo San Juan
Comments: Hawksbill nesting has been reported at these sites. Nesting numbers are unknown

SWOT Contact: Jacques Fretey

ERITREA

Data Record 31

Data Source: Goitom, M., Teclemariam, Y., and T. Mengstu. 2006. Field Trip Report on Sea Turtle Nesting Assessment on the Islands of Mojeidi and Aucan. Massawa, Eritrea: Ministry of Fisheries. Unpublished report.

Nesting Beach: Aucan Island Year: 2006 Count: 735 nests Beach Length: 6.5 km

Monitoring Effort: These data are from a one-time nest count on June 1–2, 2006. Nesting season is early December to late June with its peak in February and March.

Nesting Beach: Mojeidi Island

Year: 2006 Count: 840 nests, 47 nesting females

Beach Length: 5.8 km

Monitoring Effort: The entire beach was surveyed nightly from May 18 to June 3, 2006. Nesting season is early December to late with its peak in February and March

SWOT Contacts: Mahta Goitom, Tecle Mengstu, and Yohannes

Teclemariam



online advertising through Google AdWords. This

grant has allowed SWOT to raise awareness about SWOT Report—The State of the World's Sea Turtles and increase traffic to the SWOT website.

Data Record 32

Data Source: Batibasaga, A., and N. Nand, Fiji Fisheries Department. 2008. Hawksbill nesting in Fiji. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Kiuva Beach, Tailevu, Viti Levu

Year: 2006 Count: 130 hatchlings **Comments:** This beach is not regularly monitored. These data are

from a one-time encounter on February 20, 2006.

Nesting Beach: Makogai Island, Lomaviti province

Year: 2006 Count: 5 nests

Monitoring Effort: The beach was patrolled weekly in December 2005 and January 2006. Peak nesting is from November to February.

Nesting Beaches: Hatana Island, Rotuma, and the South Sea Islands and Treasure Island in the Mamanuca island group

Comments: Nesting data from 2006 were not available. Hawksbills are known to nest on these beaches in low numbers

SWOT Contacts: Aisake Batibasaga and Neema Nand

FRENCH GUIANA

Data Record 33

Data Source: Kelle, L. 2008. Hawksbill nesting in French Guiana Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Comments: Hawksbills nest in low numbers in French Guiana, with less than 20 nests per year recorded in the entire coast. The highest density nesting is near Cayenne, with approximately 2-10 nests per year.

SWOT Contact: Laurent Kelle

GABON

Data Record 34

Data Source: Verhage, B., Moundjim, E. B., and S. R. Livingstone. 2006. Four Years of Marine Turtle Monitoring in the Gamba Complex of Protected Areas, Gabon, Central Africa, 2002-2006. Gabon: WWF. **Nesting Beach:** Pont Dick, Gamba Complex

Year: 2006 Count: 0 nests Beach Length: 5.75 km

Comments: This beach hosts occasional low-level hawksbill nesting. In 2003-04, three nests were recorded, and in 2004-05, zero nests

SWOT Contact: Bas Verhage

GRENADA

Data Record 35

Data Source: Lloyd, C., Ocean Spirits. 2008. Hawksbill nesting in Grenada: Personal communication. In *SWOT Report—The State of* the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Caille Beach, Caille Island

Year: 2006 Count: 6 nesting females Beach Length: 350 m Monitoring Effort: Nightly patrols were conducted from July 22 to August 15, 2006. Nesting season is July to October, with its peak in June and July.

SWOT Contact: Carl Lloyd

GUADELOUPE, FRENCH OVERSEAS DEPARTMENT

Data Record 36

Data Source: Delcroix, E. 2006, Rapport d'Activité Gestion du Réseau Tortues Marines de Guadeloupe 2006. Unpublished report. **Nesting Beaches:** Anse à Sable, Côte Sous le Vent Bouillante,, Galets Rouges, Machette, and Malendure beaches, Basse-Terre Island

Year: 2006 Count: 19 nests Beach Length: 0.7 km Monitoring Effort: The beaches were patrolled during nightly surveys

and track counts from May 14 to September 14, 2006. Nesting season is May to late September, with its peak in July and August.

Nesting Beach: Cluny Beach, Basse-Terre Island Year: 2006 Count: 3 nests Beach Length: 1 km

Monitoring Effort: Night surveys and track counts were conducted twice per week from April 1 to July 15, 2006. Nesting season is May to late September.

Nesting Beaches: Figuier, Grande Anse, and Pompierre beaches, Terre-de-Haut des Saintes Island

Year: 2006 Count: 12 nests Beach Length: 1.7 km Monitoring Effort: The beaches were surveyed three times per

week for tracks from May 1 to October 1, 2006. Nesting season is May to late September, with its peak in July and August. Nesting Beaches: Folle Anse and Trois-Ilets beaches, Marie

Year: 2006 Count: 231 nests Beach Length: 3.7 km Monitoring Effort: Nightly surveys were conducted June 10–30 and August 6–26, 2006, as were occasional night patrols during

Nesting Beaches: Grande Anse Deshaies, La Perle Beach, and Plage Naturiste, Basse-Terre Island

Year: 2006 Count: 0 nests at each

other periods

Beach Length: 1.4 km, 0.9 km, and 200 m, respectively Monitoring Effort: Several track counts were conducted from April 1 to July 15, 2006. Nesting season is May to late Septembe

Nesting Beach: Grande Anse Troix-Rivières, Basse-Terre Island Year: 2006 Count: 3 nests Beach Length: 0.9 km

Monitoring Effort: Regular night surveys were conducted twiceweekly from April 1 to September 30, 2006. Track counts were conducted in August and September only. Nesting season is May to late September.

Nesting Beach: Petite-Terre Island

SWOT Contact: Eric Delcroix

Year: 2006 Count: 53 crawls Beach Length: 4.6 km Monitoring Effort: The entire beach was surveyed for tracks twice per week from March 15 to November 15, 2006. Nesting season is May to late September, with its peak in July and August.

Nesting Beach: Plage du Four à Chaux, llet Fajou Year: 2006 Count: 78 crawls Beach Length: 0.8 km

Monitoring Effort: The entire beach was surveyed for tracks weekly from April 22 to September 15, 2006. Nesting season is May to late September, with its peak in July and August.

Nesting Beach: Pointe des Châteaux, Basse-Terre Island Year: 2006 Count: 30 nests Beach Length: 10.2 km Monitoring Effort: The entire beach was patrolled during nightly surveys and track counts from May 1 to September 30, 2006. Nesting season is May to late September, with its peak in July and August.

GUAM

Data Source: Wusstig, S. 2008. Hawksbill nesting in Guam: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Comments: Hawksbills were last reported to be nesting in Guam in 1995. Monitoring efforts in recent years have not found evidence of hawksbill nesting.

SWOT Contact: Shawn Wusstig

GUATEMALA

Data Record 37

Data Source: Fundación Mario Dary Rivera, Consejo Nacional de Áreas Protegidas and The Nature Conservancy. 2006. Plan de Conservación de Área 2007–2011 Refugio de Vida Silvestre Punta de Manabique. Guatemala: FUNDARY-PROARCA-TNC

Nesting Beach: Punta de Manabique

Comments: Nesting data from 2006 were not available. The last available data are from 2005, when 10 nests were located and moved to a local hatchery.

GUINEA

Data Record 38

Data Source: Fretey, J. 2001. Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. CMS Technical Series, Publication No. 6. Bonn, Germany: United National Environment

Program / Convention on Migratory Species Secretariat. **Nesting Beaches:** Beaches of Blanche Island, Cabri Island, Roume

Island, and Tamara Island in the Los Islands

Comments: Nesting data from 2006 were not available. Low-level hawksbill nesting has been noted on each of these islands.

SWOT Contact: Jacques Fretey

GUINEA-BISSAU

Data Source: (1) Barbosa, C., Broderick, A., and P. Catry. 1998. Marine turtles in the Orango National Park (Bijagós Archipelago Guinea-Bissau). Marine Turtle Newsletter 81: 6–7. (2) Fretey, J. 2001. Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. CMS Technical Series, Publication No. 6. Bonn,

Germany: United National Environment Program / Convention on Migratory Species Secretariat. Nesting Beaches: Scattered beaches in Orango National Park,

Bijagós Archipelago Comments: Hawksbill nesting has been noted on various islands in the Bijagós Archipelago, including, Adonga, Baia las Escaramucas, Cavalos, Meio, Poiläo, and Uité. Annual nesting numbers are uncertain, but thought to be low.

GUYANA

Data Record 40

Data Source: Kalamandeen, M., DeFreitas, R., Stewart, K., and P. Pritchard, 2006. Aspects of Marine Turtle Nesting in Guyana, 2006. Guianas Forests and Environmental Conservation Project (GFECP). World Wildlife Fund: Technical Report.

Nesting Beaches: Almond, Annette, Luri, and Tiger beaches Year: 2006 Count: 10 nesting females, 3 false crawls

Beach Length: 140 km total

Monitoring Effort: Nightly patrols covering approximately 25 percent of the beaches were conducted from March 4 to August 28, 2006. Nesting season is early March to late August, with its peak in May

SWOT Contact: Michelle Kalamandeen

Nesting Beach: Cochinos Cays

HONDURAS

Data Record 41 Data Source: Aronne, M. 2000. Anidación Semiartificial para la Conservación de Tortuga Marina Carey (Eretmochelys imbricata) en el Área Protegida de Cayos Cochinos, del 18 Junio al 30 Octubre 2000. Fundación Hondureña para los Arrecifes Coralinos (HCRF).

Comments: Nesting data from 2006 were not available. The last available data are from 2000, when 10 nests were recorded during surveys from June 18 to October 30.

INDIA

Data Record 42

Data Source: Andrews, H., Krishnan, S., and P. Biswas. 2006. The Status and Distribution of Marine Turtles Around the Andaman and Nicobar Archipelago. India: Andaman and Nicobar Islands Environmental Team, Center for Herpetology/Madras Crocodile Bank Trust. Nesting Beach: Beaches throughout the Andaman Islands

Comments: Nesting data from 2006 were not available. The most significant hawksbill nesting sites in the Andaman Islands include the Snark Islands, South Reef Island, and North Brother Island. Additional nesting sites include Trilby, Temple, Smith, Ross, and Sound islands off North Andaman Island; North Passage Island; North Button Island; Middle Button Island; Inglish Island; Neil and Sir Hugh Rose Islands; and Baratang Island.

Nesting Beach: Little Andaman Island

Comments: Nesting data from 2006 were not available. Hawksbills are known to nest on several beaches of the island

Nesting Beach: Mahatma Ghandi Marine National Park, South Andaman Island

Nesting Beaches: Beaches of the Nicobar Islands

Comments: Nesting data from 2006 were not available. Hawksbills have been known to nest on Jolly Boy, Grub, Boat, and Tarmugli islands within the park.

Comments: Nesting data from 2006 were not available. Eleven beaches in the Nicobar Island group are reported to host hawksbill nesting. **SWOT Contacts:** Harry Andrews and Manish Chandi

INDONESIA

Data Record 43

Data Source: Putra, K. S. 2005. Brief Overview of Turtle Conservation in Indonesia (May 2005). Unpublished report.

Nesting Beach: Bantul, Yogyakarta

Comments: Nesting data from 2006 were not available. The last available data are from 2002, when the nesting of three hawksbills was recorded. Annual numbers of nesting hawksbills were not available

Nesting Beach: Natuna and Anambas Islands, Riau Islands Comments: Nesting data from 2006 were not available. Hawksbills are known to nest throughout these islands.

Nesting Beach: Ngagelan beach, Alas Purwo National Park, East Java

Beach Length: 19 km

Comments: Nesting data from 2006 were not available. The last available data are from 2004, when the nesting of 10 hawksbills was recorded. Annual numbers of nesting hawksbills were not available.

Nesting Beach: Perancak, Bali

Beach Length: 3 km

Comments: Nesting data from 2006 were not available. The last available data are from 2004, when the nesting of 3 hawksbills was recorded. Annual numbers of nesting hawksbills were not available.

Nesting Beach: Pulau Banyak, North Sumatra Comments: Nesting data from 2006 were not available. Hawksbills

are known to nest throughout these islands. SWOT Contact: Ketut Sarjana Putra

Data Record 44

Data Source: Everlasting Nature of Asia. Project in Indonesia.

http://www.elna.or.jp/en/pj_id/index.html. **Nesting Beach:** Momperang Island, Momperang Islands Year: 2006 Count: 50-150 estimated nests Beach Length: 1 km

Nesting Beach: Pesemut Island, Momperang Islands

Year: 2006 Count: 100–200 estimated nests Beach Length: 1.5 km

Nesting Beach: Segama Besar Island

Year: 2006 Count: 150–250 estimated nests per year recorded Beach Length: 1.4 km

Nesting Beach: Segama Kecil Island Year: 2006 Count: 100-150 estimated nests per year estimated

Beach Length: 1 km

Comments: Nesting data from 2006 were not available from the four beaches listed above. Hawksbills are known to nest on these islands and these estimates are based on past monitoring efforts of varying levels of effort.

SWOT Contact: Hiroyuki Suganuma

Data Record 45

Data Source: Mobaraki, A. 2006. Report on Sea Turtle Tagging Program in Iran. Bureau of Wildlife and Aquatic Affairs, Department of the Environment. Unpublished report.

Nesting Beach: Hendourabi Island, Hormozgan province Year: 2006 Count: 25 tagged females, >100 crawls

Beach Length: Approximately 5 km

Monitoring Effort: The entire beach was patrolled nightly from April 14 to April 19, 2006. Nesting season is March to May, with its

Nesting Beach: Nakhiloo Island, Booshehr Province **Year:** 2006 **Count:** 34 tagged females, >100 crawls

Beach Length: 1.5 km Monitoring Effort: The entire beach was patrolled nightly from May 26 to May 31, 2006. Nesting season is April to June, with its peak in May

Nesting Beach: Ommolkaram Island, Booshehr province Year: 2006 Count: 32 tagged females, >100 crawls

Beach Length: 10 km

Monitoring Effort: Two kilometers of beach were patrolled nightly from June 1 to June 5, 2006. Nesting season is April to June, with its peak in May.

Nesting Beach: Shidvar Island, Hormozgan province Year: 2006 Count: 21 tagged females, >100 crawls

Beach Length: 1.5 km

Monitoring Effort: The entire beach was patrolled nightly from April 1 to April 14, 2006. Nesting season is March to May, with its peak in April.

SWOT Contact: Asghar Mobaraki

JAMAICA

Data Record 46

Data Source: (1) Tennant, M. 2008. Hawksbill nesting on Gibraltar Beach, Jamaica. In *SWOT Report—The State of the World's Sea* Turtles, vol. 3 (2008). (2) Harker, T. 2006. Status and Conservation

of Sea Turtles in Jamaica. Unpublished report. **Nesting Beach:** Gibraltar Beach, Oracabessa, St. Mary Year: 2006 Count: 26 nests Beach Length: 0.5 km Monitoring Effort: The entire beach was patrolled nightly and each

morning from April 6 through December, 2006. Nesting season is April to November, with its peak in July and August.

Nesting Beach: Hellshire Area and Portland Bight Cays

Year: 2006 Count: 102 nests

Monitoring Effort: The entire beach was patrolled twice per week from May 1 to October 26, 2006. Nesting is year-round, with its

peak from July to September.

SWOT Contacts: Shakira Azan and Andrea Donaldson

Data Record 47

Data Source: Sea Turtle Association of Japan. 2006. Sea turtle data in 2006: Nesting of hawksbill turtles in 2006. In Proceedings of the 17th Japan Sea Turtle Symposium. November 18–20, 2006, Kumano Shichirimihama, Japan. Japan: Sea Turtle Association of Japan.

Nesting Beach: Ishigakishima Island Year: 2006 Count: 1–10 nests

SWOT Contacts: Irene Kinan and Yoshi Matsuzawa



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JUAN DE NOVA ISLAND, FRENCH OVERSEAS TERRITORY

Data Record 48 Data Source: Bourjea, J., and S. Ciccione. 2008. Hawksbill nesting

in French Overseas Territories: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). Nesting Beaches: Juan de Nova and other scattered islands Year: 2006 Count: 10 tracks Beach Length: 7 km Monitoring Effort: These beaches were patrolled daily from

January 1 to December 31, 2006. Nesting is November to January, with its peak in December

SWOT Contacts: Jérome Bourjea and Stephane Ciccione

KENYA

Data Record 49

Data Source: Olendo, M. 2008. Hawksbill nesting in Kenya Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Kongowale Year: 2006 Count: 1 confirmed nest

Comments: In May 2006, one hawksbill nesting event was recorded on this beach. Nesting of hawksbills in Kenya is very sporadic. SWOT Contact: Mike Olendo

LIBERIA

Data Record 50

Data Source: Save My Future Foundation (SAMFU). 2008. Hawksbill nesting in Liberia: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Bafu Bay, Sinoe County Comments: Nesting data from 2006 were not available. In the 2006–2007 nesting season, seven hawksbill nests were recorded between November 15, 2006, and September 15, 2007.

Nesting Beach: Borgor Point, Rivercess County Comments: Nesting data from 2006 were not available. In the 2006–2007 nesting season, eight hawksbill nests were recorded from October 2006 to April 2007.

SWOT Contact: Alex Peal

MADAGASCAR

Data Record 51

Data Source: Bourjea, J., Ciccione, S. and R. Rantsimbazafy. 2006. Marine turtle survey in Nosy Irania Kely, northwestern Madagascar, Western Indian Ocean Journal of Marine Science, 5(2): 209–212.

Nesting Beach: Iranja Kely Island, Nosy Be Beach Length: 0.5 km

Monitoring Effort: Nesting data from 2006 were not available. The last available data are from 2003 to 2004, when 28 nests were recorded. These beaches were patrolled nightly from January 1, 2000, to December 31, 2004, during which an estimated 20 nests were recorded per year. Hawksbill nesting season is December to March, with its peak in December and January

SWOT Contact: Jérome Bourjea and Stephane Ciccione

MALAYSIA

Data Record 52

Data Source: Wagiman, S., Malaysia Fisheries Department. 2008. Hawksbill nesting in Johor, Malacca, Pahang, and Terengganu, Malaysia. In SWOT Report—The State of the World's Sea Turtles,

Nesting Beach: Cherating, Pahang state
Year: 2006 Count: 1 nest Beach Length: 3.5 km Monitoring Effort: The entire beach was patrolled nightly from February through October, 2006. Nesting season is April through October

Nesting Beaches: Beaches of Malacca state

Year: 2006 Count: 388 nests Beach Length: 20 km Monitoring Effort: These data were collected during nightly patrols conducted by licensed egg collectors year-round. At Upeh Island, nightly patrols were conducted by staff of WWF Malaysia between April and August, and by licensed egg collectors during offpeak months. Nesting occurs year-round, with its peak from April to August.

Comments: This is an overall count for all areas in Malacca, specifically including beaches around Kampung Padang Kemunting, Kem Terendak, Kuala Linggi, and Upeh Island.

Nesting Beaches: Mak Kepit Beach and Mak Simpan Beach, Pulau Redang, Terengganu state

Year: 2006 Count: 4 nests Beach Length: 450 m

Monitoring Effort: Nightly patrols were conducted at both beaches from April through October, 2006.

Nesting Beaches: Mersing Islands, Johor state

Year: 2006 Count: 39 nests

Monitoring Effort: Part of the beach was patrolled nightly from March through September, 2006. Nesting season is April through August.

SWOT Contacts: Eng-Heng Chan and Sukarno Wagiman

Names: Edith and Richard van der Wal Project: Turtugaruba Foundation

Location: Aruba

The Turtugaruba Foundation protects the nests of leatherback, loggerhead, green, and hawksbill turtles against the threats of coastal development in Aruba: artificial lighting, beach driving, pollution, and habitat loss. Turtugaruba's turtle hotline, operated 24 hours a day and 7 days a week, has greatly raised sea turtle conservation awareness among Aruba's citizens and tourists.

Data Record 53

Data Source: Bali, J., Sarawak Forestry Corporation. 2008. Hawksbill nesting in Sarawak, Malaysia. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Pulau Satang Besar, Sarawak Year: 2006 Count: 10 nests Beach Length: 150 m Monitoring Effort: Nightly surveys of the entire beach were conducted year-round. Nesting occurs year-round, with its peak from December to March.

SWOT Contacts: James Bali and Eng-Heng Chan

Data Record 54

Data Source: Sabah Department of Wildlife. 2008. Hawksbill nesting in Sabah, Malaysia. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Lankayan Island, Sabah

Year: 2006 Count: 45 nests Beach Length: 1 km

Monitoring Effort: Nightly surveys of the entire beach were conducted year-round. Nesting is year-round, with its peak from June to July. SWOT Contact: Eng-Heng Chan

Data Source: Marine Research Unit, Sabah Parks. 2007. Turtle Islands Park and Sipadan Island Turtle Research Report. Unpublished report. Nesting Beaches: Beaches of the Sabah Turtle Islands, Sabah Year: 2006 Count: 514 nests Beach Length: 2.7 km

Monitoring Effort: Nightly surveys were conducted year-round at these beaches. Nesting is year-round, with its peak from February to April and from June to July.

Nesting Beach: Sipadan Island, Sabah Year: 2006 Count: 3 nests Beach Length: 1.7 km Monitoring Effort: Nightly surveys of the entire beach were conducted from January 1 to December 31, 2006. Nesting season is

January to June SWOT Contact: Fazrullah Rizally

MALDIVES

Data Record 56

Data Source: Zahir, H. 2008. Hawksbill nesting in Maldives: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Dharaboodhoo Island
Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1999, when seven nests were noted.

Nesting Beach: Dhebaidhoo Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 2003, when seven nests were noted.

Nesting Beach: Feevah Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 2000, when seven nests were noted.

Nesting Beach: Kuburudhoo Island Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1999, when six nests were noted.

Nesting Beach: Maalhoss Island Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1998, when eight nests were noted.

Nesting Beach: Maavah Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1996, when seven nests were noted.

Nesting Beach: Maroshi Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1996, when 7 nests were noted.

Nesting Beach: Medhafushi Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1996, when six nests were noted. Nesting Beach: Minimasgali Island Comments: Nesting data from 2006 were not available. The last

recorded nesting was in 1995, when six nests were noted.

Nesting Beach: Muthaafushi Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 1998, when eight nests were noted.

Nesting Beach: Vaikaramuraidhoo Island

Comments: Nesting data from 2006 were not available. The last recorded nesting was in 2000, when seven nests were noted. SWOT Contact: Hussein Zahi

MARTINIQUE, FRENCH OVERSEAS DEPARTMENT **Data Record 5**

Data Source: (1) National Office of Wildlife and Hunting. Unpublished data from the 2006 nesting season. (2) NGO SEPANMAR. Nesting Season 2006: Parts 1, 2, and 3. Fort de France, Martinique: Ministère de l'Écologie et du Développement Durable. Technical report. (3) NGO KAWAN, Marine Turtle Network of Martinique. 2008. Hawksbill nesting in Martinique. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). Nesting Beach: Anse à Prunes (southeastern coast) Year: 2006 Count: 2 nests, 5 nesting activities Beach Length: 0.54 km

Nesting Beach: Anse à Voile (northern Caribbean coast) Year: 2006 Count: 4 confirmed nests, 4 crawls

Beach Length: 260 m

Nesting Beach: Anse Charpintiere (northeastern Atlantic coast)
Year: 2006 Count: 2 nests, 5 false crawls Beach Length: 0.845 km

Nesting Beach: Anse Colas (middle Caribbean coast) Year: 2006 Count: 2 crawls Beach Length: 250 m

Nesting Beach: Anse Couleuvre (northern Caribbean coast) Year: 2006 Count: 1 confirmed nest, 9 crawls

Beach Length: $340\ \text{m}$

Nesting Beach: Anse Lévrier (northern Caribbean coast) Year: 2006 Count: 5 crawls Beach Length: 200 m

Nesting Beach: Anse Meunier (southeastern coast) Year: 2006 Count: 1 nest Beach Length: 1.5 km

Nesting Beach: Anse Trabaud (southeastern coast) Year: 2006 Count: 1 nest Beach Length: 1.5 km Nesting Beach: Dizac Diamant (southern coast)

Year: 2006 Count: 11 nests, 14 false crawls, 12 crawls Beach Length: 2.9 km

Nesting Beach: Grande Anse d'Arlet (southern Caribbean coast) Year: 2006 Count: 1 nest Beach Length: 0.9 km

Nesting Beach: Grande Anse Loraine (northeastern Atlantic coast) Year: 2006 Count: 9 nests, 1 false crawl Beach Length: 1.65 km

Nesting Beach: Grande Anse Salines (southeastern coast) Year: 2006 Count: 9 nests, 44 crawls, 16 nesting activities Beach Length: 1.23 km

Nesting Beach: Grande Terre (southeastern coast) Year: 2006 Count: 3 nests, 4 nesting activities Beach Length: 0.59 km

Nesting Beach: Madiana (middle Caribbean coast) Year: 2006 Count: 4 crawls Beach Length: 200 m

Nesting Beach:Plage de la Française (middle Caribbean coast) Year: 2006 Count: 1 nest Beach Length: 150 m

Nesting Beach: Rade de Sainte Marie (northeast Atlantic coast) Year: 2006 Count: 2 nests Beach Length: 1.2 km Monitoring Effort: The above beaches in Martinique were monitored at varying levels, ranging from daily or nightly patrols, to semi-weekly patrols, to one-time observations during various portions of the nesting season. Nesting season at all beaches is May to September, with its peak in June.

SWOT Contact: Claire Cayol

MAYOTTE, FRENCH OVERSEAS COLLECTIVITY

Data Source: Bourjea, J., and S. Ciccione. Hawksbill nesting in French Overseas Territories: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Mayotte Island

Comments: Nesting data from 2006 were not available. An estimated 30 nests are laid per year on Mayotte Island. SWOT Contacts: Jérome Bourjea and Stephane Ciccione

MEXICO

Data Source: Cuevas, E., Canul-Rosado, D., Tzeek-Tuz, M., Muñoz-Terán, K., and F. Loyo-Buenfil. 2006. *Reporte Final de Actividades* de Conservación en las Playas de Anidación de Celestún y El Cuyo en Yucatán e Isla Holbox en Quintana Roo, México. Mérida, Yucatán, Mexico: Pronatura Península de Yucatán. Unpublished report.

Nesting Beach: Celestún, Reserva de la Biosfera Ría Celestún, Yucatán Year: 2006 Count: 348 nests Beach Length: 24 km

Nesting Beach: El Cuyo, Reserva de la Biosfera Ría Lagartos, Yucatán Year: 2006 Count: 286 nests Beach Length: 31 km Nesting Beach: Isla Holbox, Área de Protección de Flora y Fauna

Yum Balam, Quintana Roo Year: 2006 Count: 602 nests Beach Length: 24 km Monitoring Effort: Nightly patrols of the entire beach were conducted from April 1 to August 31, 2006, at each of the three beaches above. Nesting season is April to August, with its peak in June. **SWOT Contact:** Eduardo Cuevas

Data Record 60

Data Source: CONANP, and Comité Estatal para la Protección y Conservación de las Tortugas Marinas del Estado de Campeche. 2008. Hawksbill nesting in Campeche, Mexico. In *SWOT Report*— The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Chacahito, Campeche Year: 2006 Count: 35 nests Beach Length: 8.1 km

Nesting Beach: Ensenada, Campeche Year: 2006 Count: 55 nests Beach Length: 6 km

Nesting Beach: Isla Arena, Campeche

Year: 2006 Count: 35 nests Beach Length: 8 km Nesting Beach: San Lorenzo, Campeche

Year: 2006 Count: 23 nests Beach Length: 1.8 km

Nesting Beach: Victoria, Campeche

Year: 2006 Count: 40 nests Beach Length: 22.73 km Monitoring Effort: Daily patrols were conducted from April 1 to September 30, 2006 at each of the five beaches above. Nesting season is April to September, with its peak in June.

Nesting Beach: Chenkan, Campeche

Year: 2006 Count: 279 nests Beach Length: 20 km

Nesting Beach: Isla Aguada, Campeche Year: 2006 Count: 236 nests Beach Length: 27.75 km

Nesting Beach: Isla del Carmen, Campeche Year: 2006 Count: 245 nests Beach Length: 35 km

Nesting Beach: Punta Xen, Campeche

Year: 2006 Count: 520 nests Beach Length: 30 km

Nesting Beach: Sabancuy, Campeche

Year: 2006 Count: 227 nests Beach Length: 24.5 km **Monitoring Effort:** Daily patrols were conducted from April 1 to October 30, 2006 at each of the five beaches above. Nesting season is April to October, with its peak in June

SWOT Contact: Vicente Guzman H.

MOZAMBIQUE

Data Source: Costa, A. 2007. Report of Marine Turtle Conservation in Quirimbas National Park, Cabo Delgado. Maputo, Mozambique:

Marine Programme, WWF Mozambique.

Nesting Beaches: Lemani Beach and Paquissico Tchawane Beach,

Quirimbas National Park, Cabo Delgado

Beach Length: 5 km

Comments: Nesting data from the 2005–06 season were not available. In 2006–07, 104 hawksbill hatchlings were observed during early morning and nightly patrols from October 1, 2006, to June 6, 2007.

SWOT Contact: Alice Costa

Data Record 62

Data Source: Garnier, J., and I. Silva. 2008. Hawksbill nesting in Mozambique. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Rongui Island and Vamizi Island Year: 2006 Count: 3 nests Beach Length: 12 km

Monitoring Effort: Daily patrols were conducted on both islands year-round, including additional nightly patrols during the nesting season from November to March.

SWOT Contacts: Julie Garnier and Isabel Silva

NETHERLANDS ANTILLES, BONAIRE Data Record 63

Data Source: Nava, M. 2006. Sea Turtle Conservation Bonaire Progress Report 2006. Unpublished report.

Nesting Beach: No Name Beach, Bonaire Year: 2006 Count: 42 nests Beach Length: 2 km

Nesting Beach: Playa Pali Mangel

Year: 2006 Count: 7 nests Beach Length: 0.7 km

Monitoring Effort: At each of the above beaches, the entire beach was patrolled every other morning from May 15 through December, 2006. Peak nesting is in August and September.

Nesting Beach: Playa Washikemba

Year: 2006 Count: 3 nests Beach Length: 400 m Monitoring Effort: The entire beach was patrolled every other morning from May 15 through December, 2006. Peak nesting

SWOT Contact: Mabel Nava

ST. EUSTATIUS

Data Source: Harrison, E., and A. Herrera. 2006. St. Eustatius Sea Turtle Conservation Programme Annual Report 2006. Unpublished report.

Nesting Beach: Kay Bay, Oranje Bay, and Zeelandia Beach,

Year: 2006 Count: 6 nests, 2 false crawls, 1 nesting female

Beach Length: 1.2 km

Monitoring Effort: Daily and nightly patrols of the entire beach were conducted from March 17 to October 6, 2006. Peak nesting is in July. SWOT Contact: Arturo Herrera

ST. MAARTEN

Data Record 65

Data Source: Nisbeth, B. M., Nature Foundation. 2008. Hawksbill nesting in Gibbs Bay, St. Maarten. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Gibbs Bay Year: 2006 Count: 1 crawl Beach Length: 0.5 km

Monitoring Effort: The beach was patrolled twice per week from April 1 to November 1, 2006. Nesting season is April to November, with its peak from July to October

SWOT Contact: Beverly Mae Nisbeth

Data Record 66

Data Source: Vissenberg, D., Nature Foundation. 2008. Hawksbill nesting in Guana Bay, St. Maarten. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Guana Bay Year: 2006 Count: 4 nests Beach Length: 1 km Monitoring Effort: This beach was patrolled three to four nights per week from April to October, 2006. Nesting season is April to late-October, with its peak from May to October.

SWOT Contact: Dominique Vissenberg

NICARAGUA

Data Source: Urteaga, J. 2008. Hawksbill nesting in Nicaragua Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: La Flor

Year: 2006 Count: 10-20 estimated nests

Comments: Hawksbill nesting is sporadic along the Pacific coast of Nicaragua, with 10–20 nests recorded per year around La Flor.

SWOT Contact: José Urteaga



SWOT Report, Vol. II was selected from more than 10,000 entries to be featured in the December 2007 issue of *Graphic Design USA*, an annual magazine highlighting the year's best graphic design publications

Data Record 68

Data Source: Campbell, C. L., Lagueux, C. J., and V. Huertas. 2007. 2006 Pearl Cays Hawksbill Conservation Project, Nicaragua. Wildlife Conservation Society Final Report.

Nesting Beach: Pearl Cays

Year: 2006 Count: 200 nests (minimum) Beach Length: 3.3 km Monitoring Effort: Daily patrols were conducted from June to October, 2006. During the rest of the nesting season, beaches were patrolled weekly or bi-weekly. Nesting season is May to November, with its peak from July to September

SWOT Contacts: Cathi Campbell and Cynthia Lagueux

OMAN

Data Source: Rees, A. 2008. Hawksbill nesting in Oman. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008)

Nesting Beach: Ros Shiban Beaches 1-3 Year: 2006 Count: 14 nests Beach Length: 2 km

Nesting Beach: Ros Shiban Beaches 3-5

Year: 2006 Count: 27 nests Beach Length: 2 km Nesting Beach: Ros Shiban Beaches 5-7

Year: 2006 Count: 50 nests Beach Length: 2 km

Nesting Beach: Ros Shiban Beaches 7–9 Year: 2006 Count: 70 nests Beach Length: 2 km

Nesting Beach: Southeast Beaches

Year: 2006 Count: 188 nests Beach Length: 2 km Nesting Beach: Southwest Beaches N

Year: 2006 Count: 11 nests Beach Length: 1 km Nesting Beach: Southwest Beaches Omedu

Year: 2006 Count: 66 nests Beach Length: 1 km

Nesting Beach: Southwest Beaches S Year: 2006 Count: 36 nests Beach Length: 1 km

SWOT Contact: ALan Rees

PALAU

Data Record 70 Data Source: Klain, S., and J. Eberdong. 2007. Palau Marine Turtle Conservation and Monitoring Program, 2005–2006: Report to National Oceanic and Atmospheric Administration (NOAA). Unpublished report.

Nesting Beaches: Ngerbelas, Ngeruangel, and Orak, Kayangel state Year: 2006 Count: 2, 3, and 5 nests, respectively

Beach Length: 410, 200, and 100 m, respectively
Monitoring Effort: Each of these beaches was monitored once per month during the nesting season.

Nesting Beaches: Breu Rock Island, Kmekumer, Moir, Neco Beach / Ngeanges, Ngeremdiu, Ngerukeuid, Ngerureomel, Omekang, Ongtekatl, Ouiars, Such, and Ulong, Koror state Year: 2006

Count: 3, 13, 3, 3, 2, 2, 1, 1, 1, 1, 1, and 7 nests, respectively Beach Length: 70, 60, 150, 400, 650, 750, 300, 150, 175, 125, 25, and 200 m, respectively

Monitoring Effort: Each of these beaches was monitored once per month during the nesting season.

Nesting Beaches: East Beach/Lisel a Lekeok, Euidelchol. Loulomekang, Kisaks, and KItaliis, Koror state **Year:** 2006 **Count:** 1, 1, 1, 4, and 2 nests, respectively **Beach Length:** 0.1, 1.5, 0.7, 0.3, and 0.02 km, respectively Monitoring Effort: Each of these records was made during a

one-time observation Nesting Beaches: East Beach, Melekeok state Year: 2006 Count: 1 nest Beach Length: 3.5 km

Nesting Beaches: Chol, Ngesar/Kwabs, and Ngkeklau, Ngaraard state Year: 2006 Count: 5, 1, and 2 nests, respectively

Beach Length: 2.75, 0.4, and 0.3 km, respectively Nesting Beaches: Ngerchur and Ngerkeklau, Ngarchelong state Year: 2006 Count: 5 and 2 nests, respectively Beach Length: 0.9 and 0.6 km, respectively

Nesting Beaches: Honeymoon Beach and Mesubedumail, Peleliu state Year: 2006 Count: 4 and 2 nests, respectively

Beach Length: 1 km each Monitoring Effort: Each of the above beaches in Melekeok, Ngaraard, Ngarchelong, and Peleliu states was monitored once per month during the nesting season, with the exception of Ngerchur,

Ngarchelong state, which was visited only once Comments: Nesting season at all beaches in Palau is May to August. SWOT Contacts: Joshua Eberdong and Sarah Klain

PANAMA

Data Source: Patiño-Martínez, J., and L. Quiñones. 2008. Hawksbill nesting in Panama: Personal communication. In *SWOT Report—The* State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beaches: Anatxukuna and Armila, Kuna Yala

Beach Length: 0.88 and 4.5 km, respectively

Comments: Each of these beaches contains unquantified hawksbill nestings beginning in May, with an unspecified end date. This information was gathered by personal observation during track counts and interviews with the local population.

SWOT Contact: Juan Patiño-Martínez

Data Record 72

Data Source: Ordoñez, C., et al. 2007. Report on Monitoring and Research Activities, Chiriqui Beach, Panama. Unpublished report. **Nesting Beaches:** Chiriqui Beach, Bocas del Toro province

Year: 2006 Count: 537 nests Beach Length: 24 km Monitoring Effort: The entire beach was surveyed for tracks weekly in January and December 2006 and three to four times weekly in February and November. Fifteen kilometers of beach were patrolled nightly from March 1 to October 31, 2006. Nesting season is March

to November, with its peak from June to August. SWOT Contacts: Emma Harrison and Cristina Ordoñez

Data Record 73

Data Source: Meylan, P., and A. Meylan. 2007. Ecología y Migración de las Tortugas Marinas en la Provincia de Bocas del Toro, Panamá. Unpublished report to Autoridad Nacional del Ambiente.

Nesting Beach: Playa Larga, Bocas del Toro province Year: 2006 Count: 34 nests Beach Length: 3 km

Comments: Daily patrols of the entire beach were conducted from March 25 to October 21, 2006. Nesting season is April to October, with its peak in July and August.

Nesting Beach: Zapatilla Cays, Bocas del Toro province Year: 2006 Count: 172 nests Beach Length: 4.2 km

Monitoring Effort: Daily patrols of the entire beach were conducted from May 1 to November 30, 2006. Nesting season is April to October, with its peak in July and August.

SWOT Contact: Anne Meylan

PAPUA NEW GUINEA

Data Record 74

Data Source: Krueger, B. 2008. Hawksbill nesting in Papua New Guinea: Personal communication. In *SWOT Report—The State of the* World's Sea Turtles, vol. 3 (2008).

Nesting Beaches: Kudube Island, Takala Island, and Utube Island Beach Length: 525 m total

Comments: Nesting data from 2006 were not available. In the 2007 nesting season, 116 hawksbill nests were recorded. Nesting season is October to March.

SWOT Contact: Barry Krueger

PHILIPPINES

Data Source: (1) Torres, D., Santa Cruz, E., Mansanero, L. I., and G. A. Santa Cruz. 2004. Conservation of a Remnant Hawksbill Nesting Habitat in Punta Dumalag, Brangay Matina Aplaya, Davao City, Philippines. (2) Cruz, R. 2008. Hawksbill nesting in the Philippines: Personal communication. In SWOT Report—The State

of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Apo Reef Island, Sablayan, Occidental

Mindoro province
Year: 2006 Count: 4 nesting females

Comments: Nightly patrols were conducted around this 22 hectare island as weather permitted. Initial findings indicate that the nesting son is from May to September.

Nesting Beaches: Bagac and Morong, Bataan province

Beach Length: Approximately 7 km

Comments: Based on nightly monitoring during the olive ridley nesting season (August to March), there are an estimated one or two nests per year at these beaches.

Nesting Beaches: Botolan, Iba, and San Antonio, Zambales province

Beach Length: 48.6 km

Comments: Based on ongoing monitoring, there are an estimated one to three nesting females per year at these beaches

Nesting Beaches: Davao City, Matina, Punta Damalag, and Samal Island, Davao Gulf

Year: 2006 Count: >3 nesting females Beach Length: 1.04 km

Nesting Beaches: Panikian Island, Pitogo, Zamboanga del

Comments: Nesting data from 2006 were not available. The last available data are from 2000, when three nesting females were recorded.

SWOT Contact: Renato Cruz and Romeo Trono

PUERTO RICO

Data Record 76

Data Source: L. Montero, 2006. Proyecto de Conservación de Tortugas Marinas Humacao, Yabucoa y Maunabo, Puerto Rico, Temporada 2006. DNER-PR, Unpublished report.

Nesting Beach: Caja-de-Muertos

Year: 2006 Count: 64 nests Beach Length: 1.5 km Monitoring Effort: Daily morning patrols were conducted on onehalf of the beach from January 1 to December 30, 2006. Nesting season is January to December, with its peak in September and October.

Nesting Beach: Culebra

Year: 2006 Count: 51 nests Beach Length: 6 km

Nesting Beach: Humacao

Year: 2006 Count: 94 nests Beach Length: 9 km

Nesting Beach: Beaches of El Faro, Mario, Los Bohios, and

California, Maunabo Year: 2006 Count: 31 nests Beach Length: 5.15 km Monitoring Effort: Daily morning patrols of the entire beach were

conducted at each of the three areas listed above from July 12 to December 15, 2006. Nesting season is July to December, with its peak in September and October.

SWOT Contacts: Carlos Diez and Robert van Dam

Data Source: Diez, C. E., and R. P. van Dam. 2007. Mona and Monito Island, Puerto Rico, Hawksbill Turtle Research Project, Research Report for 2006. Unpublished report.

Nesting Beach: Mona Island

Year: 2006 Count: 951 nests Beach Length: 7.1 km Monitoring Effort: Daily morning patrols of the entire beach were conducted from August 8 to December 5, 2006. Peak nesting is in

SWOT Contacts: Carlos Diez and Robert van Dam

Data Source: Pilcher, N. J., Marine Research Foundation. 2005. *Final Report: Status of Sea Turtles in Qatar.* Qatar: Supreme Council for the Environment and Natural Reserves.

Nesting Beach: Fuwairit Beach

Comments: Nesting data from 2006 were not available. During a survey from April 15 to July 31, 2005, 27 nesting females and 67 nesting events were recorded.

SWOT Contact: Nicolas Pilcher **SAINT KITTS AND NEVIS**

Data Record 79

Data Source: St. Kitts Sea Turtle Monitoring Network, Ross University School of Veterinary Medicine. 2008. Hawksbill nesting in St. Kitts. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Cayon to Keys, St. Kitts Year: 2006 Count: 1 estimated nest Beach Length: 4 km

Nesting Beach: Conaree, St. Kitts

Year: 2006 Count: 6 estimated nests Beach Length: 3 km

Nesting Beach: Majors Bay, St. Kitts

Year: 2006 Count: 22 estimated nests Beach Length: 0.6 km Monitoring Effort: The three beaches above were each surveyed during weekly morning patrols from July 1 to September 30, 2006.

Nesting season is July to February. **SWOT Contact:** Kimberly Stewart

Data Source: Pemberton, E., Nevis Department of Fisheries. 2008. Hawksbill nesting in Nevis. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Lover's Beach, Nevis

Year: 2006 Count: 86 nests Beach Length: 0.5 km $\begin{tabular}{ll} \textbf{Monitoring Effort:} Nightly patrols were conducted three to five \\ \end{tabular}$ nights per week as well as morning patrols following unmonitored nights from April 1 to December 10, 2006. Nesting season is March to early December, with its peak from July to September.

SWOT Contact: Emile Pemberton

SAINT LUCIA

Data Record 81

Data Source: Durrell Wildlife Conservation Trust and St. Lucia Forestry Department (Ministry of Agriculture). 2008. Hawksbill nesting in St. Lucia. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Grande Anse Beach

Year: 2006 Count: 2 crawls Beach Length: 1.26 km

Nesting Beach: Louvet Beach

Year: 2006 Count: 4 nests Beach Length: 406 m

Monitoring Effort: Weekly surveys were conducted from February 23 to August 10, 2006 at each of the above beaches. Nesting season is March to November, with its peak from April to June.

SWOT Contact: Matthew Morton

SAMOA

Data Record 82

Data Source: Momoemausu, M., Ward, J., Iakopo, M., Ifopo, P., and F. Sio. 2006. *Report on the Hawksbill Turtle Nesting Survey* 2005-2006. Samoa: Division of Environment and Conservation, Ministry of Natural Resources and Environment. Unpublished report. Nesting Beaches: Namua and Nuulua beaches on Upolu Island, and

Nuutele and Vini beaches on Nuutele Island Year: 2006 Count: 27 nests

Beach Length: 430, 680, 160, and 420 m, respectively Monitoring Effort: These beaches were patrolled nightly during one week of the peak nesting season in January and February. During off-peak months of the nesting season (October to June), beaches were visited bi-weekly.

SWOT Contacts: Malama Momoemausu and Juney Ward

SÃO TOMÉ AND PRÍNCIPE

Data Record 83

Data Source: MARAPA ONG and PROTOMAC. Rapport des Activités São Tomé and Príncipe, Central Africa. Unpublished report. Nesting Beaches: Beaches of Príncipe

Year: 2006 Count: 36 nests Nesting Beaches: Beaches of São Tomé

Year: 2006 Count: 38 nests Monitoring Effort: Daily patrols of all the beaches were conducted from October 3, 2005 to April 30, 2006. Nesting season is Septem-

SWOT Contact: Alain Gibudi and Elisio Neto

SAUDI ARABIA

Data Source: Pilcher, N. J. 1999. The hawksbill turtle, Eretmochelys imbricata, in the Arabian Gulf. Chelonian Conservation and Biology, vol. 3, no. 2 (1999).

Nesting Beach: Jana Island Beach Length: 1.6 km

Comments: Nesting data from 2006 were not available. The most recent available data were from 1992, when 120 nesting females were tagged on Jana Island during a study from June 3 to June 24.

Nesting Beach: Jurayd Island

Comments: Nesting data from 2006 were not available. The most recent available data were from 1991, when 10 nesting females were tagged from May 27 to June 18.

Nesting Beach: Karan Island

Comments: Nesting data from 2006 were not available. The most recent available data were from 1992, when seven nesting females were tagged during surveys between July 5 and July 30. This study was conducted during the peak green turtle nesting season and not during the peak nesting period for hawksbills.

Nesting Beach: Kurayn Island

Comments: Nesting data from 2006 were not available. The most recent available data were from 1991, when an estimated 34 nesting attempts were recorded on Kurayn Island.

SWOT Contact: Nicolas Pilcher

SENEGAL

Data Record 85

Data Source: Fretey, J. 2001. Biogeography and Conservation of Marine Turtles of the Atlantic Coast of Africa. CMS Technical Series, Publication No. 6. Bonn, Germany: United National Environment Program / Convention on Migratory Species Secretariat.

Nesting Beaches: Beaches near Guéréo and on the Saloum Delta Comments: Nesting data from 2006 were not available. Hawksbills have been reported to nest in low numbers in these areas of Senegal. **SWOT Contact:** Jacques Fretey

SEYCHELLES

Data Record 86

Data Source: Seychelles Islands Foundation (SIF). 2008. Hawksbill nesting in Aldabra Atoll, Seychelles. In SWOT Report—The State of

the World's Sea Turtles, vol. 3 (2008). Nesting Beach: Aldabra Atoll Year: 2006 Count: 20-50 estimated nests

Comments: Sparse nesting occurs in the Aldabra Atoll, with most nests laid in the Aldabra lagoon area. Nesting estimates are based on track counts conducted by rangers of the Seychelles Islands Foundation (SIF) since 1981.

SWOT Contact: Jeanne A. Mortimer Data Record 87

Data Source: Nature Protection Trust of Seychelles. 2007. 2006–2007 Silhouette Conservation Project: Quarterly Report. Unpublished report.

Nesting Beach: Anse Lascars, Silhouette Island

Beach Length: 440 m Comments: Nesting data from 2006 were not available. In 2006–2007, two nests were encountered during irregular patrols. Nesting season is September to April, with its peak in December and January.

Nesting Beach: Anse Patates, Silhouette Island

Beach Length: 180 m

Comments: Nesting data from 2006 were not available. Hawksbills are known to nest at this site.

Nesting Beach: Baie Cipailles, Silhouette Island

Beach Length: 0.51 km

Comments: Nesting data from 2006 were not available. In 2006–2007, five nests were encountered during irregular patrols. Nesting season is September to April, with its peak in December and January.

Nesting Beach: Grande Barbe, Silhouette Island

Beach Length: 1.45 km

Comments: Nesting data from 2006 were not available. In 2006-2007, 250 nests were observed and there were an estimated 360 nests overall. Nesting season is September to April with its peak in December and January

Nesting Beach: La Passe, Silhouette Island

Beach Length: 1.77 km Comments: Nesting data from 2006 were not available. In 2006–2007, 5 nests were encountered during irregular patrols. Nesting season is September to April with its peak in December and January.

Nesting Beach: Pointe Etienne, Silhouette Island Year: 2006 Count: 13 nests Beach Length: 370 m Monitoring Effort: Data are from a one-time observation on

mber 8. 2006 SWOT Contact: Justin Gerlach

Joshua Eberdong and Sarah Klain Name:

Project: Marine Turtle Conservation and Monitoring Program (MTCMP)

Location: Palau

The MTCMP at Palau's Bureau of Marine Resources is a collaborative effort between Palau's state and national governments. State conservation officers work on nesting beaches on the main islands of Palau and on the remote Merir and Helen Islands. Our work includes nesting beach monitoring, tagging research, and a fishery observer program.

Documenting international migrations has been one of the most successful results of this project.

Data Record 88

Data Source: (1) Island Conservation Society of Seychelles. 2008. Hawksbill nesting in Aride Island Nature Reserve, Seychelles. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). (2) Mortimer, J. A. 2004. Seychelles Marine Ecosystem Management Project (SEYMEMP): Turtle Component. Final report, vol. 1 and vol. 2.

Nesting Beach: Aride Island Nature Reserve

Year: 2006 Count: 50–60 estimated nests Comments: Nesting estimates are based on daily track counts conducted by personnel of the Island Conservation Society of Seychelles. SWOT Contact: Jeanne A. Mortimer

Data Record 89

Data Source: Mortimer, J., and Bird Island Lodge. 2008. Hawksbill nesting on Bird Island, Seychelles: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Bird Island

Year: 2006 Count: 125–200 estimated nests

Comments: Nesting estimates are based on track counts and tagging data collected by personnel of the Bird Island Lodge.

SWOT Contact: Jeanne A. Mortimer

Data Source: Nature Seychelles. 2008. Hawksbill nesting on Cousin Island, Seychelles. In SWOT Report—The State of the World's Sea Turtles vol 3 (2008)

Nesting Beach: Cousin Island Special Reserve

Year: 2006 Count: 331 nests, 91 tagged females, 419 nesting events

Beach Length: 1.73 km

Monitoring Effort: This beach was patrolled at least once per day from August, 2005, to March 15, 2006. Nesting season is September to mid-March, with its peak from November to January. **SWOT Contact:** Naomi Doak

Data Source: Jolliffe, K., and S.-M. Jolliffe. 2008. Hawksbill nesting on Cousine Island, Seychelles: Personal communication. In *SWOT* Report—The State of the World's Sea Turtles, vol. 3 (2008)

Nesting Beach: Cousine Island, Granitic Islands

Year: 2006 Count: 66 nests, 47 false crawls, 36 nesting females Beach Length: 0.9 km

Monitoring Effort: Daytime hourly patrols were conducted from August 20, 2005 to March 5, 2006. Nesting season is September to March, with its peak from November to January.

SWOT Contacts: Kevin and San-Marie Jolliffe

Data Record 92

Data Source: (1) Marine Parks Authority of Seychelles. 2008. Hawksbill nesting in Curieuse Island Marine Park, Seychelles. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). (2) Mortimer, J. A. 2004. Seychelles Marine Ecosystem Management Project (SEYMEMP): Turtle Component. Final report, vol. 1 and vol. 2. (3) Rulie, A. C. 2002. Reflexion sur la conservation de la tortue imbriquee (Eretmochelys imbricata): Application aux Seychelles. Ecole Nationale Veterinaire Toulouse. Annee 2002 These: 2002-TOU3-4166.

Nesting Beaches: Eight beaches at Curieuse Island Marine Park Year: 2006 Count: 200–250 estimated nests

Comments: Nesting estimates are based on track counts conducted by Anne-Claire Rulie and Park Rangers of the Marine Park Authority

SWOT Contact: Jeanne A. Mortimer

Data Record 93

Data Source: Mortimer, J. A. 2005. Sea Turtles of D'Arros Island and St. Joseph Atoll: Status and Recommendations. In U. Engelhardt, ed. 2005. Proceedings of a Scientific Symposium held at the D'Arros Research Centre 15–17 April 2005. Seychelles: D'Arros Research Centre. Technical Report No. 1.

 $\textbf{Nesting Beaches:} \ \mathsf{D'Arros} \ \mathsf{Island} \ \mathsf{and} \ \mathsf{St.} \ \mathsf{Joseph} \ \mathsf{Atoll}$

Year: 2006 Count: 250–300 estimated nesting females Comments: Nesting estimates are based on track counts conducted by personnel of D'Arros Development (Pty) Ltd. and the D'Arros Research Centre. It is estimated the more than 1,000 nests are laid

SWOT Contact: Jeanne A. Mortimer

Data Record 94

Data Source: Bovenberg, M., and R. Vonk. 2007. The Hawksbill Turtle (Eretmochelys imbricata) on Fregate Island: The Hawksbill Turtle's Nesting Population and Nesting Habitat on Fregate During the North-West Monsoon in 2006–07. Unpublished report. **Nesting Beach:** Fregate Island

Comments: Nesting data from the 2005–06 season were not available. In the 2006–07 nesting season, an estimated 150 nests were laid on Fregate Island, representing approximately 50 individual females. SWOT Contact: Jeanne A. Mortimer

Data Record 95

Data Source: Vanherck, L. 2008. Hawksbill nesting on North Island, Seychelles: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: North Island Year: 2006 Count: 30–50 estimated nests

Comments: An estimated 30 to 50 nests were laid per year in the 2005-06 and 2006-07 nesting seasons on North Island. Nesting season is September to January

SWOT Contact: Linda Vanherck

Data Record 96

Data Source: Mortimer, J. A. 2004. Seychelles Marine Ecosystem Management Project (SEYMEMP): Turtle Component. Final report, vol. 1 and vol. 2.

Nesting Beaches: Five beaches in the Ste. Anne Marine Park Year: 2006 Count: 200-250 estimated nests

Comments: Nesting estimates are based on track counts conducted by Park Rangers of the Marine Park Authority of Seychelles. SWOT Contact: Jeanne A. Mortimer

Data Record 97

Data Source: Talma, E. 2006. Interim report on 2005–06 Turtle Nesting Season in the South of Mahe, Seychelles. Marine Conservation Society Seychelles. Technical report.

Nesting Beach: Beaches of South Mahe Island Year: 2006 Count: 242 nests Beach Length: 1.83 km

Monitoring Effort: Daily patrols were conducted three times per week between September 2005 and March 2006, and once every one to two weeks throughout the rest of the year. Nesting season is October to February, with its peak in November and December.

Comments: Data are combined for five adjacent beaches. SWOT Contact: Elke Talma

Data Source: Mortimer, J. A. 2008. Hawksbill nesting in the Seychelles: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Comments: Seychelles comprises more than 120 islands and many hundreds of beaches. Most beaches in the country host some hawksbill nesting each year. The reports above present data that were collected at some of the best protected and best studied sites in the country, but are by no means exhaustive.

SOLOMON ISLANDS

Data Record 98

Data Source: Siota, C., and P. Ramohia. 2007. Peak Hawksbill Nesting Activities in the Arnavon Community Marine Conservation Area: A Report for The Nature Conservancy, Solomon Islands Field Office, Honiara. Unpublished manuscript.

Nesting Beach: Arnavon Community Managed Conservation Area,

Year: 2006 Count: 286 nests Beach Length: Approximately 4.5 km Monitoring Effort: These beaches were patrolled daily and nightly from June 1 to August 31, 2006.

SWOT Contacts: Peter Ramohia and Catherine Siota

Data Source: Ramohia, P., Siota, C., Motui, D., Routanis, F., Pema, M., Rini, C., Zama, M., Tetabea, T., Madada, L., and G. Willy. 2007. Hawksbill and Green Turtle Nesting Activities on Kerehikapa Island in the Arnavon Community Managed Conservation Area A Report for The Nature Conservancy, Solomon Islands Field Office.

Unpublished manuscript. **Nesting Beach:** Kerehikapa Island, Santa Isabel Year: 2006 Count: 345 nests Beach Length: 1.2 km

Monitoring Effort: These beaches were patrolled daily and nightly from January 1 to December 31, 2006.

SWOT Contacts: Peter Ramohia and Catherine Siota

SRI LANKA

Data Source: (1) Ekanayake, E. M. L., Ranawana, K. B., Kapurusinghe, T., Premakumara, M. G. C., and M. M. Saman. 2002. Marine turtle conservation in Rekawa turtle rookery in southern Sri Lanka. Ceylon Journal of Science (Biological Science) 30: 79-88. (2) The Turtle Conservation Project. Turtle Nesting Beaches in Sri

Lanka. http://www.tcpsrilanka.org/download/Map.pdf
Nesting Beaches: Southern coast of Sri Lanka

Comments: Nesting data from 2006 were not available. Hawksbills are known to nest along the southern beaches of Sri Lanka

SURINAME

Data Record 101

Data Source: (1) Mitro, S. Forthcoming. Country report of Suriname. In Proceedings of the Seventh Sea Turtle Symposium for the Guianas (October 25–27, 2004). Georgetown, Guyana. (2) Hilterman, M. L., Goverse, E., Tordoir, M. T., and H. A. Reichart. Forthcoming. Beaches come and beaches go: Coastal dynamics in Suriname are affecting important sea turtle rookeries. In *Proceedings of the Twenty-Fifth Annual* Symposium on Sea Turtle Biology and Conservation: NOAA Technical Memorandum NMFS-SEFC. (3) De Dijn, B. 2003. Country report of Suriname: Marine turtle season 2002. In Proceedings of the Sixth Sea Turtle Symposium for the Guianas, compilers I. Nolibos, L. Kelle, B. De Thoisy, and S. Lochon, 8–10. Remire–Montjoly, French Guiana.

Nesting Beach: Matapica Beach (formerly Bigisanti)
Comments: Nesting data from 2006 were not available. Based on three decades of nest monitoring in Suriname, it is known that Matapica Beach (formerly called Bigisanti) receives 99 percent of all hawksbill nests in the country. The last available data are from 2002 and 2003, when 21 and 16 nests were recorded, respectively **SWOT Contacts:** Edo Goverse and Maartje Hilterman

TANZANIA

Data Record 102

Data Source: Muir, C. 2008. Hawksbill nesting in Tanzania: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Kilindoni, Mafia Island

Year: 2006 Count: 1 nest Beach Length: 2.5 km Comments: Hawksbill nesting in Tanzania is rare.

SWOT Contact: Catharine Muir

THAILAND

Data Record 103

Data Source: Charuchinda, M., and S. Monanunsap. 1998. Monitoring survey on sea turtle nesting in the Inner Gulf of Thailand, 1994–1996. *Thailand Marine Fisheries Research Bulletin* 6:17-25.

Nesting Beach: Khram Island, Chonburi province

Comments: Nesting data from 2006 were not available. The last available data are from 1996, when 42 hawksbill nests were recorded during nightly patrols throughout the nesting season (May to August). From 1973 to 1996, an average of 74 hawksbill nests were recorded at this site. Sporadic hawksbill nesting has also been

recorded on other islands in the Gulf of Thailand, including the Man, Lan, Chang, Samet, and Thalu Islands.

TRINIDAD AND TOBAGO

Data Record 104

Data Source: Livingstone, S. R. 2006. Sea Turtle Ecology and Conservation on the North Coast of Trinidad. PhD diss., University of Glasgow, Scotland.

Nesting Beaches: 5 small sandy bays around Grande Riviere (North coast), Trinidad

Beach Length: 50 km

Comments: An estimated 675 hawksbill nests are laid per year on these beaches, combined. Estimate is based on data collected from April to September in 2000 to 2004 during patrols of the entire coast two to three nights every one to two weeks. Nesting season is May to September, with peak nesting in July and August.

SWOT Contact: Suzanne Livingstone

UNITED STATES OF AMERICA

Data Source: (1) Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute, Statewide Nesting Beach Survey Program. http://research.myfwc.com. (2) Brost, B. 2008. Hawksbill nesting in Florida, USA: Personal communication. In SWOT Report— The State of the World's Sea Turtles, vol. 3 (2008).

Nesting Beach: Bahia Honda State Park, Monroe County, Florida Year: 2006 Count: 3 nests Beach Length: 4.7 km Monitoring Effort: Daily beach patrols were conducted from April 17 to September 1, 2006. Nesting occurs between early August and

Nesting Beaches: Boca Raton Beaches, Palm Beach County, Florida Year: 2006 Count: 1 nest Beach Length: 8 km

Nesting Beach: Breakers Beach, Palm Beach County, Florida

Year: 2006 Count: 1 nest Beach Length: 0.5 km Monitoring Effort: The above beaches in Palm Beach County were atrolled each morning from March 1 to October 31, 2006 **SWOT Contact:** Beth Brost

Data Record 106

Data Source: Pacific Whale Foundation. Sea Turtles: A Hawai'i

Wildlife Guide. http://www.pacificwhale.org.
Nesting Beaches: Beaches on Hawai'i Island (Big Island), Mau'i

Island, Moloka'i Island, and O'ahu Island, Hawaii

Comments: Approximately 10–15 hawksbill nests are laid per year in the state of Hawaii. Ninety percent of the nesting occurs or the Ka'u coast of Hawai'i Island. Nesting season is from mid-May through November.

SWOT Contact: George Balazs

U.S. VIRGIN ISLANDS

Data Record 107

Data Source: NPS Buck Island Reef National Monument Sea Turtle Research Program Seasonal Report 2006. St. Croix, U.S. Virgin Islands: National Park Service, Buck Island Reef National Monument, Division of Resource Management. Unpublished report.

Nesting Beaches: Buck Island Reef National Monument, St. Croix Year: 2006 Count: 133 confirmed nests, 101 suspected nests Beach Length: 1.5 km

Monitoring Effort: These beaches were patrolled from July 1 to September 30, 2006. Nesting occurs year-round, with its peak from

SWOT Contact: Zandy Hillis-Starr and Ian Lundgren

VENEZUELA

Data Source: (1) Guada, H. 2008. Hawksbill nesting in Venezuela: Personal communication. In SWOT Report—The State of the World's Sea Turtles, vol. 3 (2008). (2) Guada, H. J., and G. Solé. 2000. WIDE-CAST Plan de Acción para la Recuperación de las Tortugas Marinas de Venezuela. Informe Técnico del PAC No. 39. Kingston, Jamaica: United Nations Environment Programme Caribbean Environment Programme. **Nesting Beaches:** Beaches along the Caribbean coast

Comments: Nesting data from 2006 were not available. Extensive surveys in the late 1980s found that hawksbills nested in unknown numbers on many beaches along the coast. Further studies in the late 1990s and in recent years have found scattered nesting throughout other areas of the coast. Hawksbill nesting sites have been recorded in the following Venezuelan states and federal dependencies: Estado Anzoátegui, Estado Aragua, Estado Falcón, Estado Miranda, Estado Sucre, Estado Vargas, Isla de Aves, and Isla La Blanquilla **SWOT Contact**: Hedelvy Guada

VIETNAM

Data Record 109

 $\label{eq:DataSource:} \textbf{Data Source:} \ Hamann, \ M., \ The \ Cuong, \ C., \ Duy \ Hong, \ N., \ Thuoc, \ P., \\ and \ B. \ Thi \ Thuhien. \ 2006. \ Distribution \ and \ abundance \ of$ marine turtles in the Socialist Republic of Viet Nam. *Biodiversity and Conservation* 15: 3703–20.

Nesting Beaches: Gulf of Thailand, Gulf of Tonkin, and Spratly

Comments: Data from 2006 were not available. Recent surveys indicate that less than 10 nests per year are laid in Vietnam

YAP, FEDERATED STATES OF MICRONESIA

Data Source: Cruce-Johnson, J. 2006. Yap State Sea Turtle Conservation Program, Ulithi Tagging Project, Gielop and Iar islands, Summer 2005. Yap State, Federated States of Micronesia: Marine Resources Management Division Report. Unpublished report.

Nesting Beach: Gielop Island Year: 2006 Count: 0 nests

Comments: No hawksbill nesting was observed in 2006. In 2005, one nesting hawksbill was observed and tagged while nesting on Gielop Island. Nightly patrols were conducted on most nights from June 9 to August 24, 2005, and from June 2 to August 20, 2006. **SWOT Contacts:** Jennifer Cruce and Wayne Sentman