

SWOT Data Contributors

Guidelines of Data Use and Citation

The green turtle nesting data below correspond directly to the map on pages 30–31, and are organized alphabetically by country, then by data record number as listed on the map. Every data record with a point on the map is numbered to correspond with that point. To use data for research or publication, you must obtain permission from the data provider and must cite the original source indicated in the “Data Source” field of each record.

In the records that follow, nesting data are reported from the most recent available year or nesting season or are reported as an annual average number of clutches based on the reported years of study. Beaches for which count data were not available are listed as “unquantified.” Additional metadata are available for many of these data records, including information on beach length, monitoring effort, and other comments, and may be found online at www.SeaTurtleStatus.org. Following nesting data records we have also included citations for satellite telemetry, genetic stocks, and information used to create the global distributions.

GREEN TURTLE NESTING DATA CITATIONS

AMERICAN SAMOA

DATA RECORD 1

Data Sources: (1) Balazs, G. H. 2009. *Historical Summary of Sea Turtle Observations at Rose Atoll, American Samoa, 1839–1993*. Honolulu, Hawaii: NOAA National Marine Fisheries Service, Pacific Islands Fisheries Science Center. Unpublished report. (2) Tagarino, A., K. S. Saili, and R. Utzurrum. 2008. *Investigations into the Status of Marine Turtles in American Samoa, with Remediation of Identified Threats and Impediments to Conservation and Recovery of Species: NOAA Grant No. NA04NMF4540126, October 1, 2004, to September 30, 2008*. Unpublished report. (3) Tagarino, A., and R. Utzurrum. 2010. *Investigations into the Status of Marine Turtles in American Samoa: Assessment of Threat to Nesting Activities and Habitat in Swains Island: NOAA Grant No. NA08NMF4540506, October 1, 2008, to September 30, 2009*. Final report. (4) Maison, K., I. Kinan-Kelly, and K. P. Frutchey. 2010. *Green Turtle Nesting Sites and Sea Turtle Legislation throughout Oceania*. NOAA Technical Memorandum NMFS-F/SPO-110. Honolulu, Hawaii: U.S. Department of Commerce. **Nesting Beaches:** Rose Atoll, Swains Atoll, and Tutuila **Years:** 1993, 2009, and 2008, respectively **Counts:** 10–100 crawls, 56 crawls, and 1–10 nesting females, respectively **SWOT Contacts:** Irene Kinan-Kelly and Kim Maison

ANGOLA

DATA RECORD 2

Data Source: Weir, C. R., R. Tamar, M. Morais, and A. D. C. Duarte. 2007. Nesting and at-sea distribution of marine turtles in Angola, West Africa, 2000–2006: Occurrence, threats and conservation implications. *Oryx* 41(2): 224–231. **Nesting Beach:** Namibe Province **Year:** 2003 **Count:** Unquantified

ANGUILLA

DATA RECORD 3

Data Source: Anguilla Department of Fisheries and Marine Resources. 2011. Green turtle nesting in Anguilla: Results from ongoing nesting beach surveys. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). **Nesting Beaches:** Captains Bay, Limestone Bay, Long Bay, and Meads Bay **Year:** 2011 **Counts:** 1–25 clutches at each beach **SWOT Contacts:** James Gumbs and Stuart Wynne

DATA RECORD 4

Data Sources: (1) Godley, B. J., A. C. Broderick, L. M. Campbell, S. Ranger, and P. B. Richardson. 2004. *An Assessment of the Status and Exploitation of Marine Turtles in Anguilla: An Assessment for the Status and Exploitation of Marine Turtles in the UK Overseas Territories in the Wider Caribbean*. Anguilla: Department of Environment, Food and Rural Affairs and the Commonwealth Office. Unpublished report. (2) Dow, W. E., and K. L. Eckert. 2007. *Sea Turtle Nesting Habitat—A Spatial Database for the Wider Caribbean Region*. Beaufort, North Carolina: Wider Caribbean Sea Turtle Conservation Network and The Nature Conservancy. **Nesting Beach:** Shoal Bay West **Year:** 2003 **Count:** 1–25 crawls **SWOT Contacts:** James Gumbs and Stuart Wynne

ANTIGUA AND BARBUDA

DATA RECORD 5

Data Sources: (1) Fuller, J. E., K. L. Eckert, and J. I. Richardson. 1992. *Sea Turtle Recovery Action Plan for Antigua and Barbuda*. Kingston, Jamaica: Caribbean Environment Programme. Technical report. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4. **Nesting Beaches:** 29 beaches throughout Antigua and Barbuda **Year:** 1992 **Count:** Unquantified **SWOT Contacts:** Cheryl Appleton, James Richardson, Peri Mason, Tricia Lovell, and Vagi Rei

ARUBA

DATA RECORD 6

Data Source: Van der Wal, E., and R. Van der Wal, Turtugaruba (Aruban Foundation for Sea Turtle Protection and Conservation). 2011. Green turtle nesting in Aruba: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). **Nesting Beaches:** East coast: Bachelors Beach, Boca Grandi, Dos Playa, Pet's Cemetery, and Rincon; West coast: California **Year:** 2010 **Counts:** 3, 30, 5, 1, 3, and 7 clutches, respectively **SWOT Contacts:** Richard and Edith Van der Wal

ASCENSION ISLAND

DATA RECORD 7

Data Source: Broderick, A. C., R. Frauenstein, F. Glen, G. C. Hays, A. L. Jackson, et al. 2006. Are green turtles globally endangered? *Global Ecology and Biogeography* 15: 21–26. **Nesting Beach:** Ascension Island **Year:** 2004 **Count:** Approximately 39,000 clutches

AUSTRALIA

DATA RECORD 8

Data Sources: (1) Harvey, T., S. Townsend, N. Kenyon, and G. Redfern. 2005. *Monitoring of Nesting Sea Turtles in the Coringa Herald National Nature Reserve: 1991/92–2003/04 Nesting Seasons*. Australia: Indo-Pacific Sea Turtle Conservation Group. Final report. (2) Limpus, C. J. 2009. *A Biological Review of Australian Marine Turtle Species, Chapter 2: Chelonia Mydas*. New Zealand: The State of Queensland, Environmental Protection Agency. (3) Limpus, C. J., J. D. Miller, C. J. Parmenter, and D. J. Limpus. 2003. The green turtle, *Chelonia mydas*, population of Raine Island and the Northern Great Barrier Reef: 1843–2001. *Memoirs of the Queensland Museum* 49(1): 349–440. (4) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1. **Nesting Beaches:** Beaches on 12 islands and the mainland coast from Bustard to Bundaberg in the Northern Great Barrier Reef **Year:** 2004 **Counts:** 63, 240, 922, and 290 nesting females, respectively

Nesting Beaches: Coral Sea Platform: Bell Cay, Bramble Cay, Busy Island **Year:** 2004 **Count:** Unquantified

Nesting Beaches: Northern Great Barrier Reef: Erskine Island, Fairfax Island, Fraser Island, Hoskyn Island, Lady Elliot Island, Lady Musgrave Island, Mainland coast (Bustard to Bundaberg), Masthead Island, North Reef, Northwest Island, Percy Islands, Tryon Island, Wilson Island, and Wreck Island **Year:** 2009 **Count:** Unquantified

Nesting Beaches: Murray Islands and No. 8 Sandbank in the Southern Great Barrier Reef **Year:** 2001 **Count:** Unquantified

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

DATA RECORD 9

Data Source: Barker, L., and Australian Seabird Rescue. 2011. Green turtle nesting in Australia: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). **Nesting Beaches:** Angourie Surf Reserve, Cabarita Beach, Lennox Head 1, Mara Creek Angourie, Paches Beach, and Pippies Beach **Year:** 2009 **Counts:** 1 clutch each at Angourie Surf Reserve, Mara Creek Angourie and Pippies Beach. 1 crawl each at other beaches. **Nesting Beach:** Lennox Head 2 **Year:** 2008 **Count:** 1 clutch **SWOT Contact:** Lachlan Barker

DATA RECORD 10

Data Source: Broderick, D., K. E. M. Dethmers, N. N. Fitzsimmons, M. Guinea, R. Kennet, et al. 2006. The genetic structure of Australasian green turtles (*Chelonia mydas*): Exploring the geographical scale of genetic exchange. *Molecular Ecology* 15: 3931–3946. **Nesting Beach:** Heron Island **Year:** 2003 **Count:** 1,000 clutches

Data Source: Broderick, D., K. E. M. Dethmers, N. N. Fitzsimmons, M. Guinea, R. Kennet, S. Lavery, C. J. Limpus, C. Moritz, R. I. T. Prince, and S. Whiting. 2006. The genetic structure of Australasian

green turtles (*Chelonia mydas*): Exploring the geographical scale of genetic exchange. *Molecular Ecology* 15: 3931–3946.

Nesting Beaches: Ashmore Reef, North West Cape, North West Island, and Port Bradshaw **Years:** 1996, 1989, 1990, and 1998, respectively **Counts:** 100s; 5,000–10,000; 562 clutches; and unquantified, respectively

Data Source: (1) Gow, G. F. 1981. Herpetofauna of Groote Eylandt, Northern Territory. *Australian Journal of Herpetology* 1(2): 62–70. (2) Broderick, D., et al. 2006. See complete citation in Data Record 11.

Nesting Beach: Groote Eylandt **Year:** 1999 **Count:** Unquantified

Data Source: Australian Government Department of Sustainability, Environment, Water, Population and Communities Species Profile and Threats Database. Accessed 2009.

Nesting Beaches: Croker Island, Dampier Archipelago, Darnley Island, Goulburn Island, Lowendal Island, Mon Repos, Muiron Islands, Ningaloo MP, Ningaloo Coast, Rocky Island, Scott Reef, Serrurier Island, Thevenard Island, Wellesley Islands, Wessel Islands, and Pisonia Island **Year:** 2009 **Count:** Unquantified

Data Source: (1) Baker, V., A. Fleay, C. J. Limpus, and C. J. Parmenter. 1983. The Crab Island sea turtle rookery in the north-eastern Gulf of Carpentaria. *Australian Wildlife Research* 10(1): 173–184. (2) Limpus, C. J., J. D. Miller, C. J. Parmenter, and D. J. Limpus. 2003. The green turtle, *Chelonia mydas*, population of Raine Island and the Northern Great Barrier Reef: 1843–2001. *Memoirs of the Queensland Museum* 49(1): 349–440. **Nesting Beaches:** Crab Island, MacLennan Cay, Milman Island, Moulder Cay, No. 7 Sandbank, North Bountiful Island, and Raine Island **Years:** 1983, 1988, 1978, 2001, 1997, 2002, and 2001, respectively **Counts:** Unquantified; 8; 10; 2,164; 108; 400; and 70,122 nesting females, respectively.

Data Source: Prince, R. I. T., M. P. Jensen, D. Oades, and the Bardi Jawi Rangers. 2011. Green turtle nesting in Western Australia: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Tiwi Islands **Year:** 2009 **Count:** Unquantified **SWOT Contact:** Bob Prince

Data Source: RPS. 2008. 2008 *Inpex Environmental Impact Assessment Studies*. Technical Appendix: Marine Turtle Studies. Perth, Australia: RPS Planning and Environment.

Nesting Beaches: Bigge Island, Cassini Island, Hat Point, and Lamarck Island **Year:** 2006 **Counts:** 25–100 crawls each

Nesting Beaches: Maret Islands and Lacepede Islands **Year:** 2007 **Counts:** 250–500 clutches and 500–1,000 crawls, respectively

Nesting Beach: Montalivet Islands **Year:** 2006 **Count:** 100–250 crawls **SWOT Contact:** David Waayers

Data Source: Waayers, D. A. 2003. *Nesting Distribution of Green Turtles (Chelonia mydas) and Loggerhead Turtles (Caretta caretta) between Gnarlou Homestead and Carnarvon, including Bernier and Dorre Islands, Western Australia*. Australia: Ecowaays Australia. Unpublished report.

Nesting Beach: Red Bluff **Year:** 2003 **Count:** 1–25 crawls **Nesting Beaches:** Cape Range National Park, Jane's Bay, and Jurabi Coastal Park in Ningaloo Marine Park **Year:** 2002 **Counts:** 25–100 crawls, 25–100 crawls, and 500–1,000 clutches, respectively **SWOT Contact:** David Waayers

Data Source: Phillips, E. 2006. Anecdotal evidence and survey data. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

green turtles (*Chelonia mydas*): Exploring the geographical scale of genetic exchange. *Molecular Ecology* 15: 3931–3946.

Nesting Beaches: Ashmore Reef, North West Cape, North West Island, and Port Bradshaw **Years:** 1996, 1989, 1990, and 1998, respectively **Counts:** 100s; 5,000–10,000; 562 clutches; and unquantified, respectively

DATA RECORD 12

Data Sources: (1) Gow, G. F. 1981. Herpetofauna of Groote Eylandt, Northern Territory. *Australian Journal of Herpetology* 1(2): 62–70. (2) Broderick, D., et al. 2006. See complete citation in Data Record 11.

Nesting Beach: Groote Eylandt **Year:** 1999 **Count:** Unquantified

DATA RECORD 13

Data Source: Australian Government Department of Sustainability, Environment, Water, Population and Communities Species Profile and Threats Database. Accessed 2009.

Nesting Beaches: Croker Island, Dampier Archipelago, Darnley Island, Goulburn Island, Lowendal Island, Mon Repos, Muiron Islands, Ningaloo MP, Ningaloo Coast, Rocky Island, Scott Reef, Serrurier Island, Thevenard Island, Wellesley Islands, Wessel Islands, and Pisonia Island **Year:** 2009 **Count:** Unquantified

DATA RECORD 14

Data Sources: (1) Baker, V., A. Fleay, C. J. Limpus, and C. J. Parmenter. 1983. The Crab Island sea turtle rookery in the north-eastern Gulf of Carpentaria. *Australian Wildlife Research* 10(1): 173–184. (2) Limpus, C. J., J. D. Miller, C. J. Parmenter, and D. J. Limpus. 2003. The green turtle, *Chelonia mydas*, population of Raine Island and the Northern Great Barrier Reef: 1843–2001. *Memoirs of the Queensland Museum* 49(1): 349–440.

Nesting Beaches: Crab Island, MacLennan Cay, Milman Island, Moulder Cay, No. 7 Sandbank, North Bountiful Island, and Raine Island **Years:** 1983, 1988, 1978, 2001, 1997, 2002, and 2001, respectively **Counts:** Unquantified; 8; 10; 2,164; 108; 400; and 70,122 nesting females, respectively.

DATA RECORD 15

Data Source: Prince, R. I. T., M. P. Jensen, D. Oades, and the Bardi Jawi Rangers. 2011. Green turtle nesting in Western Australia: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Tiwi Islands **Year:** 2009 **Count:** Unquantified **SWOT Contact:** Bob Prince

DATA RECORD 16

Data Source: RPS. 2008. 2008 *Inpex Environmental Impact Assessment Studies*. Technical Appendix: Marine Turtle Studies. Perth, Australia: RPS Planning and Environment.

Nesting Beaches: Bigge Island, Cassini Island, Hat Point, and Lamarck Island **Year:** 2006 **Counts:** 25–100 crawls each

Nesting Beaches: Maret Islands and Lacepede Islands **Year:** 2007 **Counts:** 250–500 clutches and 500–1,000 crawls, respectively

Nesting Beach: Montalivet Islands **Year:** 2006 **Count:** 100–250 crawls **SWOT Contact:** David Waayers

DATA RECORD 17

Data Source: Waayers, D. A. 2003. *Nesting Distribution of Green Turtles (Chelonia mydas) and Loggerhead Turtles (Caretta caretta) between Gnarlou Homestead and Carnarvon, including Bernier and Dorre Islands, Western Australia*. Australia: Ecowaays Australia. Unpublished report.

Nesting Beach: Red Bluff **Year:** 2003 **Count:** 1–25 crawls **Nesting Beaches:** Cape Range National Park, Jane's Bay, and Jurabi Coastal Park in Ningaloo Marine Park **Year:** 2002

Counts: 25–100 crawls, 25–100 crawls, and 500–1,000 clutches, respectively

SWOT Contact: David Waayers

BAHAMAS

DATA RECORD 18

Data Source: Phillips, E. 2006. Anecdotal evidence and survey data. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Great Abaco, Great Inagua, and Little Inagua
Years: 2006, 2005, and 1998, respectively **Counts:** 25–100 crawls at each beach
SWOT Contact: Eleanor Phillips

BANGLADESH

DATA RECORD 19

Data Source: Islam, M. Z. 2010. *Bangladesh Sea Turtle Project during 2008–09 Nesting Season*. Bangladesh: Marinelif Alliance. Unpublished report.

Nesting Beaches: Cox's Bazaar, Sonadia Island, and St. Martin's Island in Teknaf **Year:** 2008 **Counts:** 2, 3, and 3 nesting females, respectively
SWOT Contact: M. Zahirul Islam

DATA RECORD 20

Data Source: Rashid, S. M. A., and M. Z. Islam. Status and conservation of marine turtles in Bangladesh. In Shanker, K., and B. C. Choudhury, eds. 2006. *Marine Turtles of the Indian Subcontinent*. Hyderabad, India: Universities Press.

Nesting Beaches: Bordal, Kochopia, Monkhali, Sandweep Island, and Teknaf **Years:** 1989, 1985, 1984, 1985, and 1987, respectively **Counts:** 6, 6, 2, 4, and 2 clutches, respectively

BARBADOS

DATA RECORD 21

Data Source: Beggs, J. A., J. A. Horrocks, and B. H. Krueger. 2007. Increase in hawksbill *Eretmochelys imbricata* turtle nesting in Barbados, West Indies. *Endangered Species Research* 3: 159–168.

Nesting Beach: Foul Bay **Year:** 2005 **Count:** 1–25 crawls
SWOT Contacts: Jen Beggs and Julia Horrocks

BELIZE

DATA RECORD 22

Data Sources: (1) Majil, I. 2006. *Inter-American Convention for the Protection and Conservation of Sea Turtles, Belize Second Annual Report*. Belize: Fisheries Department. Unpublished report. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Glovers-Long, Lighthouse-Half, Robles Point Bacalar Chico Marine Reserve, and Rock Point Bacalar Chico Marine Reserve **Year:** 2006 **Counts:** 1–25 crawls at each beach
Nesting Beach: Lighthouse-Long **Year:** 2006
Count: Unquantified
SWOT Contacts: Isaias Majil and Bacalar Chico Marine Reserve

BONAIRE

DATA RECORD 23

Data Sources: (1) van Eijck, T. J. W., and K. L. Eckert. 1994. *Sea Turtles in Bonaire: 1993 Survey Results and Conservation Recommendations*. Amsterdam: Sea Turtle Club Bonaire. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.
Nesting Beach: Boca Onima **Year:** 2006 **Count:** 1–25 crawls
SWOT Contacts: Imre Esser, Kalli De Meyer, and Mabel Nava

DATA RECORD 24

Data Source: Nava, M., Sea Turtle Conservation Bonaire. 2011. Green turtle nesting in Bonaire: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Atlantis, Fisherman's Hut, Playa Chikitu, and South Playa Frans **Years:** 2007, 2007, 2008, and 2006, respectively **Counts:** 3, 2, 16, and 4 clutches, respectively
SWOT Contact: Mabel Nava

BRAZIL

DATA RECORD 25

Data Source: Barata, P., A. Barsante, C. Bellini, J. Castilhos, C. Coelho, A. C. Coelho Dias da Silva, G. Lopez, N. Marcovaldi, A. de Padua Aleida, E. Paes e Lima, A. Santos, L. Soares, and J. C. Thome. 2011. Green turtle nesting data from Projeto TAMAR Database (SITIMAR): Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Bahia State: Arembepe, Costa do Sauipe, Praia do Forte, and Sitio do Cond **Year:** 2010 **Counts:** 15, 600, 190, 3,148 clutches, respectively

Nesting Beaches: Espirito Santo State—Trindade Island, Pernambuco State—Fernando de Noronha, and Rio Grande do Norte State—Atol das Rocas **Year:** 2010 **Counts:** Unquantified
SWOT Contacts: Antonio de Padua Almeida, Alexandro Santos, Armando Barsante, Augusto Cesar Coelho Dias da Silva, Cesar Coelho, Claudio Bellini, Eron Paes e Lima, Gustavo Lopez, Jaqueline Castilhos, Joao Carlos Thome, Luciano Soares, Neca Marcovaldi, and Paulo Barata

CAYMAN ISLANDS

DATA RECORD 26

Data Sources: (1) Austin, T. J., C. D. Bell, J. M. Blumenthal, A. C. Broderick, G. Ebanks-Petrie, et al. 2007. Monitoring and conservation of critically reduced marine turtle nesting populations: Lessons from the Cayman Islands. *Animal Conservation* 10(1): 39–47. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Barefoot Gardens, Barkers, Bat Cave Beach, Chrisholm Road, Cottage, East End, Half Moon Bay, Little Spotts, Miller's Beach, Morriss Tortuga, Pease Bay, Prospect Point, Sand Hole Road, Spots Beach, Spots Dock, Spotters Way, and SS808 **Year:** 2006 **Counts:** 1–25 crawls at each beach
SWOT Contact: Gina Ebanks-Petrie

DATA RECORD 27

Data Source: Blumenthal, J., Cayman Islands Department of Environment. 2011. Green turtle nesting in the Cayman Islands: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Grand Cayman **Year:** 2009 **Count:** 35 clutches
SWOT Contact: Janice Blumenthal

DATA RECORD 28

Data Source: Solomon, J., and J. Blumenthal. 2007. *Cayman Islands Government, Department of Environment Annual Marine Turtle Beach Monitoring Program*. Cayman Islands. Unpublished report.

Nesting Beach: Little Cayman **Year:** 2007 **Count:** 5 clutches
SWOT Contact: Joni Solomon

CHINA

DATA RECORD 29

Data Sources: (1) Chan, S. K.-F., I. J. Cheng, H.-X. Gu, X.-J. Song, H.-J. Wang, and T. Zhou. 2007. A comprehensive overview of the population and conservation status of sea turtles in China. *Chelonian Conservation and Biology* 6(2): 185–198. (2) Balazs, G. H., J. K. Chan, S. K.-F. Chan, and L. T. Lo. 2003. Satellite tracking of the post-nesting migration of a green turtle (*Chelonia mydas*) from Hong Kong. *Marine Turtle Newsletter* 102: 2–4.

Nesting Beaches: Dongsha Archipelago and Lamma Island **Years:** 1995 and 2002, respectively **Counts:** Unquantified and 4 clutches, respectively
SWOT Contact: I-Jiunn Cheng

DATA RECORD 30

Data Source: Cheng, I. J., C. L. Fong, C. T. Huang, P. Y. Hung, B. Z. Ke, et al. 2009. A ten year monitoring of the nesting ecology of the green turtle (*Chelonia mydas*) on Lanyu Island (Orchid Island), Taiwan. *Zoological Studies* 48(1): 83–97.

Nesting Beach: Huidong **Year:** 2009 **Count:** 1–25 nesting females
SWOT Contact: I-Jiunn Cheng

DATA RECORD 31

Data Source: Chan, S., H. Gu, H. Jiang, X. Song, H. Wang, et al. 2002. Satellite tracking of post-nesting movements of green turtles (*Chelonia mydas*) from the Gangkou Sea Turtle National Nature Reserve, China. *Marine Turtle Newsletter* 97: 8–9.
Nesting Beach: Guangdong Province—Gangkou **Year:** 2001
Count: Unquantified

COCOS (KEELING) ISLANDS

DATA RECORD 32

Data Source: United Nations Environment Programme—World Conservation Monitoring Centre. The Marine Turtle Interactive Mapping System (IMAPS): Green turtle nesting data. <http://stort.unep-wcmc.org/imaps/IndTurtles/viewer.htm>. Accessed 2010.
Nesting Beach: Cocos Island **Year:** 1999 **Count:** 100–500 nesting females

DATA RECORD 33

Data Source: Whiting, S. D. 2007. *The Sea Turtle Resources of the Cocos (Keeling) Islands, Indian Ocean: Year 7—2006*. Australia: Commonwealth of Australia.
Nesting Beach: North Keeling Island **Year:** 2006
Count: 29 nesting females
SWOT Contact: Andrea Whiting

COLOMBIA

DATA RECORD 34

Data Source: Amoroch, D. 2008. *Informe del Taller Estandarización de Metodologías en Investigación y Monitoreo para la Conservación de Tortugas Marinas en Colombia*. Colombia: Convenio Ministerio de Ambiente, Vivienda y Desarrollo Territorial (MAVDT)-WWF. Unpublished report.
Nesting Beach: El Valle **Year:** 2008 **Count:** 1 nesting female
SWOT Contacts: Cristian Ramirez-Gallego, Diego Amoroch, and Karla G. Barrientos-Muñoz

DATA RECORD 35

Data Sources: (1) Ceballos-Fonseca, C. 2004. Distribución de playas de anidación y áreas de alimentación de tortugas marinas y sus amenazas en el Caribe Colombiano. *Boletín de Investigaciones Marinas y Costeras* 33: 77–99. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.
Nesting Beaches: Albuquerque, Bahía Honda, Boca del Apure, Bonito Gordo, Buritaca, Cano Lagarto, Cayo Roncador, Cayo Serranilla, Chengue, Cinto, Concha, Courtown, Corelca, Cuchicampo, Damaquiel, Dibulla, Don Diego, El Cabo, El Medio, El Sequion, Gairaca, Guachaca, Guachaquita, Jarrajarraru, Los Achotes, Los Cocos, Mata de Platano, Mendiguaca, Monitos,

Montanita, Naranjo, Neganje, Neimao, Palamarito, Palomino, Parajimaru, Piscinita, Playa Brava, Playa Larga, Playa Roca, Playa Rosca, Puerto Ingles, Puerto Lopez, Punta Castilletes, Punta Espada, Punta Estrella, Punta Gallinas, Punta Huayapain, Pusheo, Quintana, Rinconcito, Rio Ancho, Rio Cedro, San Juan de Uraba, San Salvador, Santa Cruz, Uvero, and Valencia **Year:** 2002
Counts: 1–25 crawls at each beach

Nesting Beaches: Cabo Falso, Chichibacoa, Jarrajarraru, Media Luna, Monitos, Neimao, Puerto Lodo, Rio Cedro, Taroa, and Taroitá **Year:** 2002 **Counts:** 25–100 crawls at each beach
Nesting Beach: Serrana **Year:** 2002 **Count:** Unquantified
SWOT Contacts: Claudia Ceballos, Elizabeth Taylor, and Zunilda Baldonado

DATA RECORD 36

Data Sources: (1) Payan, L. F. 2009. Fortalecimiento del programa de monitoreo de tortugas marinas CIMAD–UAESPNN en el Parque Nacional Natural Gorgona, informe preliminar. Unpublished report. (2) Amoroch, D. 2009. *Monitoreo Temporada de Anidación de Tortugas Marinas en Playa Palmeras–PNN Gorgona*. Final report. Gorgona, Colombia: Centro de Investigación para el Manejo Ambiental y el Desarrollo (CIMAD).
Nesting Beach: Playa Palmeras in Parque Nacional Natural Gorgona **Year:** 2009 **Count:** 6 nesting females

SWOT Contacts: Diego Amoroch and Ana Eugenia Herrera

COMOROS

DATA RECORD 37

Data Source: Bourjea, J., D. Broderick, S. Ciccione, L. Gagnevin, H. Grizel, et al. 2007. Phylogeography of the green turtle, *Chelonia mydas*, in the Southwest Indian Ocean. *Molecular Ecology* 16(1): 175–186.

Nesting Beach: Moheli **Year:** 2005 **Count:** 632 clutches

DATA RECORD 38

Data Source: Beudard, F., J. Bourjea, S. Ciccione, J. Frazier, C. Marmoeux, A. M'soali, and D. Roos. 2011. Green turtle nesting at Moheli Island, Comoros: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Fomboni-Hoani **Year:** 2010
Count: 64 nesting females

SWOT Contacts: Chris Poonian, Claire Jean, Jerome Bourjea, and Stephane Ciccione

CONGO, REPUBLIC OF

DATA RECORD 39

Data Sources: (1) Bal, G., N. Breheret, and A. Girard. 2008. *Renatura : Rapport d'activité du programme d'étude et de sauvegarde des tortues marines au Congo*. Republic of Congo: Renatura. Unpublished report. (2) Girard, A. 2011. Green turtle nesting in Congo: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Bellelo, Djeno, and Tchissauou **Year:** 2007
Counts: 0, 0, and 6 crawls, respectively
Nesting Beach: Kouilou **Year:** 2005 **Count:** 1,381 nesting females
SWOT Contact: Alexandre Girard

COOK ISLANDS

DATA RECORD 40

Data Sources: (1) Balazs, G. H. Status of sea turtles in the central Pacific Ocean. In Bjorndal, K., ed. 1995. *Biology and Conservation of Sea Turtles*. Washington, DC: Smithsonian Institution Press. (2) Center for Cetacean Research and Conservation. 2004. Cook Islands Turtle Survey. www.whaleresearch.org/turtles/home.htm. (3) Woodrum-Rudrud, R. 2010. Forbidden sea turtles: Traditional laws pertaining to sea turtle consumption in Polynesia (including the Polynesian outliers). *Conservation and Society* 8(1): 84–97. (4) Maison, K., I. Kinan-Kelly, and K. P. Frutchey. 2010. See complete citation in Data Record 1.

Nesting Beaches: Manihiki, Penrhyn, Pukapuka, and Rakahanga **Year:** 1970 **Count:** Unquantified
Nesting Beach: Palmerston Island **Year:** 2000
Count: 1–10 nesting females
Nesting Beaches: Nassau Island and Suwarrow Atoll **Year:** 2010 **Count:** Unquantified
SWOT Contact: Kim Maison and Irene Kinan-Kelly

COSTA RICA

DATA RECORD 41

Data Sources: (1) Arauz, R., I. Naranjo, S. P. Sunyer, and M. S. Viejobueno. 2009. *Conservación e Investigación de Tortugas Marinas en el Pacífico de Costa Rica (Punta Banco, Refugio Nacional de Vida Silvestre Caletas-Ario, San Miguel, Corozalito)*. Unpublished report. (2) Arauz, R. 2011. Green turtle nesting in Pacific Costa Rica: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Corozalito, Playa Caletas, and Punta Banco/Punta Burica **Year:** 2008 **Counts:** 1, 2, and 2 nesting females, respectively

SWOT Contacts: Alex Gaos, Sandra Viejobueno, and Shaleyia Kelez

DATA RECORD 42

Data Source: Aviles, J. R., G. Chaves, and R. Morera. 2011. Green turtle nesting in Ostional National Wildlife Refuge, Costa Rica: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Ostional National Wildlife Refuge **Year:** 2008 **Count:** 23 clutches

SWOT Contact: Gerardo Chaves

DATA RECORD 43

Data Source: Chacon Chaverri, D., and Asociación ANAI. 2006. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: Cahuita **Year:** 2005 **Count:** 25–100 clutches

SWOT Contact: Didiher Chacon Chaverri

DATA RECORD 44

Data Source: Malavar Montenegro, M., and D. Chacon Chaverri. 2011. Green turtle nesting in Costa Rica: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Carate, Pejeperro, and Rio Oro **Year:** 2008 **Count:** 16 nesting females, combined

Nesting Beaches: Sirena and Corcovado **Year:** 2008 **Count:** 13 clutches

SWOT Contacts: Mariana Malavar Montenegro and Didiher Chacon Chaverri

DATA RECORD 45

Data Source: Seminoff, J. A., B. A. Schroeder, S. MacPherson, E. Possardt, and K. Bibb. 2007. *Green Sea Turtle (Chelonia mydas) 5-Year Review: Summary and Evaluation*. Silver Spring, Maryland: National Marine Fisheries Service and U.S. Fish and Wildlife Service.

Nesting Beaches: Playa Naranjo and Tortuguero **Year:** 2007 **Counts:** 200 and 82,038 clutches, respectively

CUBA

DATA RECORD 46

Data Source: Azanza Ricardo, J., D. Cobian, L. García Lopez, C. Gomez Pereda, N. Hernandez, et al. 2010. *Results of the Thirteenth Season of the University Project for the Study and Conservation of Sea Turtles in Guanahacabibes*. Cuba. Technical report.

Nesting Beaches: Pinar del Rio: Beaches of the Guahanacabibes Peninsula **Year:** 2010 **Count:** 100 nesting females

SWOT Contact: Julia Azanza Ricardo

DATA RECORD 47

Data Source: Moncada, F., Centro de Investigaciones Pesqueras (CIP); and ENFF (Empresa Nacional de Flora y Fauna). 2007. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: Peninsula de Guanahacabibes **Year:** 2006 **Count:** 100–500 crawls

Nesting Beaches: Cayo Peredon Grande: Cayo Coco, Cayo Frágosa, Cayos de San Felipe and Guanál **Year:** 2006

Counts: 1–25, 1–25, and 25–100 crawls, respectively

Nesting Beaches: Isle of Pines: Cayeroa de Doce Leguas, Cayo Guillermo, and Cayo Santa María **Year:** 2006

Counts: 100–500, 1–25, and 1–25 crawls, respectively

SWOT Contacts: Julia Azanza and Felix Moncada

DATA RECORD 48

Data Source: Blanco, R., E. Escobar, Y. Forno, F. Moncada, Y. Medina, et al. 2009. *Annual Report of Research and Conservation of Marine Turtles*. Havana, Cuba: Fisheries Research Center for the Ministry of Fisheries. Final report.

Nesting Beaches: Cayo Campos, Cayo Largo, and Cayo Rosario (eastern keys of Isla de la Juventud) **Year:** 2009 **Counts:** 0, 817, and 2 nesting females, respectively

Nesting Beaches: Cayos de San Felipe (Cayo Siju, Cayo Real, and Juan García), Playa El Guanál, and Playas del Laberinto de las Doce Leguas **Year:** 2009 **Counts:** 61 nesting females, 37 nesting females, and 25–100 clutches, respectively

SWOT Contact: Felix Moncada

CURAUÇO

DATA RECORD 49

Data Sources: (1) Debrot, A. O., and L. J. J. Pors. 1995. Sea Turtle nesting activity on northeast coast beaches in Curaçao, 1993. *Caribbean Journal of Science* 31(3–4): 333–338. (2) Leysner, B., and P. Hoetjes. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Boka Mansalina and Un Boka **Year:** 1993 **Count:** 1–25 crawls

Nesting Beach: North Beach–Klein Curaçao **Year:** 2005 **Count:** Unquantified

SWOT Contacts: Brian Leysner and Paul Hoetjes

CYPRUS

DATA RECORD 50

Data Source: Broderick, A. C., F. Glen, B. J. Godley, and G. C. Hays. 2002. Estimating the number of green and

loggerhead turtles nesting annually in the Mediterranean.

Oryx 36(03): 227–235.

Nesting Beach: Lara **Year:** 2005 **Count:** 50 clutches

DATA RECORD 51

Data Source: Casale, P., and D. Margaritoulis. 2010. *Sea Turtles in the Mediterranean: Distribution Threats and Conservation*. Gland, Switzerland: International Union for the Conservation of Nature (IUCN). Unpublished report.

Nesting Beach: Alagadi **Year:** 2010 **Count:** 100 clutches

Nesting Beaches: Morphou Bay and Toxeftra **Year:** 2010 **Counts:** 25–100 nesting females at each beach

DATA RECORD 52

Data Source: Broderick, A. C., B. J. Godley, and M. Kasparek, M. 2001. Nesting of the green turtle, *Chelonia mydas*, in the Mediterranean: A review of status and conservation needs. *Zoology in the Middle East* 24: 45–74.

Nesting Beach: North Karpaz **Year:** 2001 **Count:** 179 clutches

DATA RECORD 53

Data Source: Broderick, A. C., W. J. Fuller, B. J. Godley, and R. T. E. Snape. 2009. *Marine Turtle Conservation Project Northern Cyprus*. Unpublished report.

Nesting Beaches: North coast beaches surrounding Esentepe, and West coast beaches surrounding Akdeniz **Year:** 2009

Counts: 123 and 43 clutches, respectively

SWOT Contact: Annette Broderick

DOMINICA

DATA RECORD 54

Data Source: Byrne, R., S. Durand, and S. Stapleton. 2007. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Big Bottom, Hodges Bay, Jimmy's Bay, Londonderry Bay (Cabana), L'anse Noir, L'anse Tortue, Plaisance Bay, Swaier, Thibaud, and Walker's Rest Bay **Year:** 2006

Count: Unquantified

Nesting Beaches: Ravine Cyrique and Secret Beach **Year:** 2006 **Counts:** 1–25 crawls at each beach

SWOT Contacts: Rowan Byrne, Seth Stapleton, and Stephen Durand

DOMINICAN REPUBLIC

DATA RECORD 55

Data Sources: (1) Ottenwalder, J. A. 1982. *Preliminary Study on Status, Distribution and Reproductive Biology of Sea Turtles in the Dominican Republic*. University of Santo Domingo, Dominican Republic: Department of Biology. Unpublished report. (2) Ross, J. P., and J. A. Ottenwalder. The leatherback turtle, *Dermochelys coriacea*, nesting in the Dominican Republic. In A. G. J. Rhodin and K. Miyata, eds. 1983. *Advances in Herpetology and Evolutionary Biology*. Cambridge, Massachusetts: Museum of Comparative Zoology, Harvard University. (3) Leon, Y., and Universidad Dominicana Instituto Tecnológico de Santo Domingo (INTEC). Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Playa Las Terrenas–Cabo Samana, Playa Nisibon–Boca del Maimon, Playa Macao–Cabeza de Toro, and Sosa–Boca del Yasicá **Year:** 1981 **Counts:** 1–25 crawls at each beach

Nesting Beaches: Isla Saona, and Nigua–Gran Estero **Year:** 2006 **Count:** 1–25 and 25–100 crawls, respectively

SWOT Contacts: Yolanda León and Instituto Tecnológico de Santo Domingo

ECUADOR

DATA RECORD 56

Data Sources: (1) Baquero, A., J. P. Munoz, and M. Pena. 2011. Green turtle nesting in Ecuador: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). (2) Coello, D., C. Flores, and M. Herrera. 2011. Green turtle nesting in Cabos San Lorenzi, Ecuador: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: San Lorenzo (in Esmeraldas) **Year:** 2009

Count: 4 clutches

SWOT Contacts: Daniel Rios, Dially Coello, Marco Herrera, and Equilibrio Azul

DATA RECORD 57

Data Sources: (1) Equilibrio Azul. 2011. Green turtle nesting in Ecuador: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). (2) Baquero, A., X. Chalen, J. Macias, F. Munoz, M. Pena, and J. Puebla. 2011. Green turtle nesting in Ecuador: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Bahía Drake–Isla de la Plata, La Playita, and Puerto Lopez **Year:** 2008 **Counts:** 15, 4, and 1 nesting female(s), respectively

Nesting Beaches: Salango and Tortuguita **Year:** 2008

Counts: 9 and 3 clutches, respectively

SWOT Contact: Equilibrio Azul

DATA RECORD 58

Data Source: Seminoff, J. A., B. A. Schroeder, S. MacPherson, E. Possardt, and K. Bibb. 2007. See complete citation in Data Record 45.

Nesting Beaches: Barahona–Isla Isabela, Las Bachas–Isla Santa Cruz, Las Salinas–Isla Baltras, and Quinta Playa–Isla Isabela **Year:** 2005 **Counts:** 5,397; greater than 100; greater than 100; and greater than 1,000 clutches, respectively

EGYPT

DATA RECORD 59

Data Source: Hanafy, M. H., A. Salam, M. Abd El-Ghani, T. Monier, T. Mahmoud, et al. 2003. *Marine Turtles on the Egyptian Coast of the Red Sea*. Egypt: Programme for the Environment of the Red Sea and Gulf of Aden. Unpublished report.

Nesting Beaches: Ras Banas (Hertawy), Ras Henkrab, Sernaka Island, Torfat Al Mashayekh North, uum Al-Abas area, Wadi El-Gamal Island, and Zabargad Island **Year:** 2003

Counts: 8, 756; 27; 182; 158; 131; and 2,210 clutches, respectively

EL SALVADOR

DATA RECORD 60

Data Source: Liles, M., W. Lopez, G. Mariona, J. Segovia, and M. Vasquez. 2011. Green turtle nesting in El Salvador: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: La Paz, La Union, San Vicente, Sonsonate, and Usulután **Year:** 2007 **Counts:** 391, 303, 138, 1, and 585 clutches, respectively

SWOT Contacts: Georgina Mariona, Johanna Segovia, Mauricio Vasquez, Michael Liles, and Wilfredo Lopez

EQUATORIAL GUINEA

DATA RECORD 61

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 Nations Environment Programme / Convention on Migratory Species (CMS).

Nesting Beaches: Beaches north of Bata, and Corisco Island **Year:** 2001 **Count:** Unquantified

DATA RECORD 62

Data Source: Rader, H., M. A. Ela Mba, W. Moora, and G. Hearn. 2006. Marine turtles on the southern coast of Bioko Island (Gulf of Guinea, Africa), 2001–2005. *Marine Turtle Newsletter* 111: 8–10.

Nesting Beach: Bioko Island **Year:** 2006

Count: 1,000–5,000 clutches

ERITREA

DATA RECORD 63

Data Source: United Nations Environment Programme—World Conservation Monitoring Centre. 2010. See complete citation in Data Record 32.

Nesting Beaches: Beaches of Eritrea **Year:** 2007

Count: 165 clutches

FUJI

DATA RECORD 64

Data Sources: (1) Batibasaga, A., A. Qauqau, and S. Waqiaibete. 2006. *Notes on Fijian Sea Turtles: Estimates on Population Status*. Fiji: Fiji Fisheries Department. Unpublished report. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: Nanuku Levu and Nukumbalati Island **Year:** 2006 **Counts:** Unquantified and 10–100 nesting females, respectively

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

FRENCH GUIANA

DATA RECORD 65

Data Source: Kelle, L.; Amana Nature Reserve; and Association Kulalasi. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Farez, Irakumpapi, Organabo, and Pointe Iseré **Year:** 2006 **Count:** 100–500 crawls combined

SWOT Contacts: Laurent Kelle, Amana Nature Reserve, and Association Kulalasi

DATA RECORD 66

Data Source: de Thoisy, B.; Association Kwata; and Association Sépanguy. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: Kourou and Karouabo Beach **Year:** 2006 **Count:** 25–100 crawls, combined

SWOT Contacts: Benoit de Thoisy, Association Kwata, and Association Sépanguy

FRENCH POLYNESIA

DATA RECORD 67

Data Source: Abreu-Grobois, F. A., G. H. Balazs, B. W. Bowen, R. J. Ferl, N. Kamezaki, et al. 1995. Trans-Pacific migrations of the loggerhead turtle (*Caretta caretta*) demonstrated with

mitochondrial DNA markers. *Proceedings of the National Academy of Sciences* 92: 3371–3374.

Nesting Beach: Rangiroa **Year:** 1991 **Count:** Unquantified

DATA RECORD 68

Data Sources: (1) Balazs, G. H., J. P. Landret, and P. Siu. 1995. Ecological aspects of green turtles nesting at Scilly Atoll in French Polynesia. In *Proceedings of the Twelfth Annual Symposium on Sea Turtle Biology and Conservation*, compilers J. I. Richardson and T. H. Richardson, 7–10. Jekyll Island, Georgia, USA. NOAA Technical Memorandum NMFS-SEFSC-361, (2) Lebeau, A. 1985. Breeding evaluation trials in the green turtle *Chelonia mydas* (Linne) on Scilly Atoll (Leeward Islands, French Polynesia) during the breeding season 1982–1983 and 1983–1984. In *Proceedings of the Fifth International Coral Reef Congress* 5: 487–493.

(3) Hirth, H. F. 1971. Synopsis of biological data on the green turtle *Chelonia mydas* (Linnaeus) 1758. *FAO Fisheries Synopsis* (85) 1.1–8.19. (4) Pritchard, P. C. H. 1995. Marine turtles of the South Pacific. In Bjorndal, K., ed. 1995. *Biology and Conservation of Sea Turtles*. Washington, DC: Smithsonian Institution Press.

(5) Te Mana o Te Moana. 2009. *Marine Environment Protection and Public Awareness in French Polynesia: Te Mana o Te Moana Activity Report 2004–2008*. Moorea, French Polynesia: Te Mana o Te Moana. Unpublished report. (6) Trevor, A. P. 2009. *Annual Report: Secretariat of the Pacific Regional Environment Program Turtle Research and Monitoring Database System (TREDS)*. Apia, Samoa: Secretariat of the Pacific Regional Environment Program Unpublished report. (7) Chelonia Polynesia. 2010. Personal communication. In Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: Bellinghausen (Motu One) and Scilly Atoll **Years:** 1991 and 1990, respectively **Counts:** 33, and 300–400 nesting females, respectively

Nesting Beaches: Bora Bora and Tetiaroa Atoll **Years:** 2010 and 2009, respectively **Counts:** 4–18, and 33 clutches, respectively

Nesting Beaches: Mopelia and Tupai **Year:** 1995

Count: Unquantified

Nesting Beaches: Manihi Atoll and Puka Puka Island

Years: 1971 and 1938, respectively **Count:** Unquantified

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

FRENCH INDIAN OCEAN TERRITORIES

DATA RECORD 69

Data Source: Rene, F., and D. Roos. 1996. The status of sea turtle conservation in French Territories of the Indian Ocean: Isles Eparses. In *Proceedings of the Western Indian Ocean Training Workshop and Strategic Planning Session on Sea Turtles*. UNEP Regional Seas Reports and Studies No. 165. Sodwana Bay, South Africa.

Nesting Beach: Isles Eparses **Year:** 1996 **Count:** Unquantified

DATA RECORD 143

Data Sources: (1) Lauret-Stepler, M., S. Ciccione, and J. Bourjea. 2010. Monitoring of marine turtles' reproductive activities in Juan de Nova, Eparses Islands, South Western Indian Ocean, based on tracks count and width. *Indian Ocean Turtle Newsletter* 11: 18–25. (2) Bourjea, J., C. Jean, and S. Ciccione. 2011. Green turtle nesting in the French Indian Ocean Territories: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Reunion; Europa, Glorieuses, Juan de Nova, and Tromelin in Iles Eparses **Year:** 2009 **Counts:** 0 clutches; 8,282 crawls; 4,340 crawls; 1–25 crawls; and 595 nesting females, respectively

SWOT Contacts: Claire Jean, Jerome Bourjea, and Stephanie Ciccione

GAMBIA

DATA RECORD 70

Data Source: Fretey, J. 2001. See complete citation in Data Record 61.

Nesting Beach: Niumi-Sine Saloum National Park **Year:** 2001 **Count:** Unquantified

GRENADA

DATA RECORD 71

Data Source: Fastigi, M., and YWF-Kido Foundation. 2011. Green turtle nesting on Carriacou Island, Grenada: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Anse La Roche in Carriacou Island **Year:** 2008 **Count:** 1 nesting female

SWOT Contact: Marina Fastigi

GUADELOUPE

DATA RECORD 72

Data Source: Delcroix, E. 2011. Green turtle nesting in Guadeloupe: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: On Basse-Terre Island: Anse a Sable, Anse Caraibe, Bananier, Cayenne, Cluny Beach, Fort Royal, Galets

Rouges, Grande Anse Deshaies, Grande Anse Trois-Rivieres, La Perle Beach, Les Esclaves, Machette, Malendure, Nogent, Plage de Mambia, Pointe Allegre, Pointe Vieux-Habitants Etang, Rifflet, Rivieres Sens, Sainte-Claire, and Tillet; on Grand-Terre Island:

Anse a l'eau—Anse a la croix, Anse des Chateaux, Anse La Chapelle, Anse Laborde, Anse Lavolvaine, Baie Olive, Bois Janan, La Gourde, La Grotte, La Saline, Le Souffleur, Les Alizes, Les Rouleaux, Pointe d'Antigues—Cimetière Souffleur, Port-Louis Sud, and Raisins Clairs; on Iles de la Petite Terre: Petite-Terre; on Les Saintes: Anse Figuier, Grande Anse de Terre-de-Haut, Pain de Sucre, and Pompiere; on Marie Galante Island: Anse Canot, Anse de May, Anse l'Eglise, Feuillard, Feuillere, Les Galets, Petite Anse, Trois-Ilets and Folle Anse beaches, and Vieux-Fort **Year:** 2009 **Counts:** Petite-Terre—31 clutches, Les Galets—31 clutches, Port-Louis Sud—17 clutches, Anse La Chapelle—12 clutches, La Gourde—7 clutches, Feuillard—6 clutches, La Saline—4 clutches, Grande Anse de Terre-de-Haut—4 clutches, Anse Laborde—2 clutches, Anse Lavolvaine—2 clutches; 1 clutch each at Grande Anse Trois-Rivieres, Les Esclaves, Nogent, Tillet, La Grotte, Pointe d'Antigues—Cimetière Souffleur, Anse Figuier, Pompiere, and Anse de May; 0 clutches at all other beaches **SWOT Contact:** Eric Delcroix

GUAM

DATA RECORD 73

Data Sources: (1) Division of Aquatic and Wildlife Resources (DAWR). 2009. *Final Annual Progress Report for the Guam Sea Turtle Recovery Project. Award Period 8/1/2006 – 7/31/2008*. NOAA Fisheries Grant No. NA06NMF4540214. Unpublished report. (2) Farley, J., and G. Grimm. 2008. DRAFT Sea Turtle nesting Activity on Navy Base Guam 2007–2008. Guam: NAVFAC Marianas. Unpublished report. (3) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: 12 beaches throughout Haiti **Year:** 2008

Counts: 1–10 clutches at each beach

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

GUATEMALA

DATA RECORD 74

Data Source: Muccio, C. 2011. Green turtle nesting in Guatemala: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Hawaii **Year:** 2008 **Count:** 1 clutch

SWOT Contact: Colum Muccio

GUINEA-BISSAU

DATA RECORD 75

Data Source: Amadeu, A., C. Barbosa, L. Benoit, P. Bruno, I. Bucar, et al. 2009. Status, ecology, and conservation of sea turtles in Guinea-Bissau. *Chelonian Conservation and Biology* 8(2): 150–160.

Nesting Beach: Poilao in the Bijagos Archipelago **Year:** 2007

Count: 29,016 clutches

GUYANA

DATA RECORD 76

Data Source: DeFreitas, R., M. Kalamandeen, and P. Pritchard. 2007. *Aspects of Marine Turtle Nesting in Guyana, 2007*. Georgetown, Guyana: Guianas Forests and Environmental Conservation Project (GFCEP), World Wildlife Fund. Technical report.

Nesting Beaches: Almond and Annette Beaches **Year:** 2007

Count: 208 nesting females, combined

SWOT Contact: Michelle Kalamandeen

HAITI

DATA RECORD 77

Data Sources: (1) Ottenwalder, J. A. 1996. The current status of sea turtles in Haiti. In Henderson, R. W., and R. Powell, eds. 1996. *Contributions to West Indian Herpetology—A Tribute to Albert Schwartz*, 291–393. Society for the Study of Amphibians and Reptiles. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Anse a Chou Chou, Anse Pitres, Belle-Anse, Baie de Caracol, Cayes Jacmel, Raymond, Cotes de Fer, Cotes de Fer Fond Larange, Freycinau, Mayette, Mouillage, and Pointe de Tois Lataniers **Year:** 1982 **Count:** Unquantified

Nesting Beaches: Ile-a-Vache and Laborieux **Year:** 1983

Count: Unquantified

SWOT Contact: Jean Wiener

HONDURAS

DATA RECORD 78

Data Sources: (1) Macias, F. S. 2006. *Honduras Second Annual Report: Inter-American Convention for the Protection and Conservation of Sea Turtles*. Honduras: Secretario de Estado en el Despacho Recursos Naturales y Ambiente (SERNA). Unpublished report. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Bahía de Tela, Cayo Bobel, Cayo Port Royal or Tortuga, Isla de Utila, Punta Castilla, and Tocamacho

Years: 2006, 2006, 2006, 2007, 2002, and 2006, respectively

Counts: 1–25 crawls, 100–500 crawls, 1–25 crawls, unquantified, 25–100 crawls, and unquantified, respectively

SWOT Contacts: Michelle Fernandez, Justin Gerlach, Carlos Molinero, Lidia Salinas, FUCAGUA, Carlos Molinero, and Gerson Martinez

INDIA

DATA RECORD 79

Data Source: Giri, V. 2006. Sea turtles of Maharashtra and Goa. In Choudhury, B. C., and K. Shanker, eds. 2006. *Marine Turtles of the Indian Subcontinent*. Hyderabad, India: Universities Press.

Nesting Beaches: Mumbai; 5 beaches in Sindhudurg district; and 4 beaches in Ratnagiri district, all in Maharashtra **Year:** 2000

Count: Unquantified

DATA RECORD 80

Data Source: Joshua, J., V. V. Kumar, and S. F. W. Sunderraj. 2006. Sea turtles and their nesting habitats in Gujarat. In Choudhury, B. C., and K. Shanker, eds. 2006. *Marine Turtles of the Indian Subcontinent*. Hyderabad, India: Universities Press.

Nesting Beaches: In Gujarat: Adri-Navapara, Junagadh; Baidher Island, Jamnagar; Kantla-Kachhadi, Junagadh; Kharakhetar-Kuranga, Jamnagar; Lamba, Jamnagar; Lamba-Miyani, Jamnagar; Mangrol-Bada, Junagadh; Mojap-Sivrajpur, Jamnagar; Navodra-Lamba, Jamnagar; Rahij-Maktupur, Junagadh; Ratadi-Kantla, Junagadh; and Shill-Lohej, Junagadh **Year:** 2000 **Counts:** 6, 3, 39, 26, 24, 27, 28, 18, 33, 9, 24, and 14 clutches, respectively

DATA RECORD 81

Data Source: Choudhury, B. C., Shanker, K., and B. Tripathy. 2006. Sea Turtles and their Habitats in the Lakshadweep Islands. In Choudhury, B. C., and K. Shanker, eds. 2006. *Marine Turtles of the Indian Subcontinent*. Hyderabad, India: Universities Press.

Nesting Beaches: In Kerala: Quilon; in the Lakshadweep Archipelago: Kalpiti Islet, Laccadive Island Group; Kadmat Island, Amindivi Island Group; Kalpeni Island, Laccadive Island Group; Kavaratti Island, Laccadive Island Group; Kiitan Island, Amindivi Island group; Minicoy Island, Minicoy Island Group; Pitti Island, Laccadive Island Group; Suheli Cheriyaakara, Laccadive Island Group; Suheli Valiakara Island, Laccadive Island Group; Tinnakara and Parali Islands, Laccadive Island Group; Agatti Island, Laccadive Island Group; Amini Island, Amindivi Island Group; Andrott Island, Laccadive Island Group; Bitra Island, Amindivi Island group; Chetlat Island, Amindivi Island Group; in Gujarat: Gulf of Kutchh; in Tamil Nadu: Gulf of Mannar **Years:** 2000 for Quilon, 2001 all other beaches **Counts:** Unquantified, 28 nesting females, 11, 4, 2, 3, 10, 10, 5, 379, 20, 80, 8, 2, 6, and 7 clutches, unquantified, and unquantified

INDONESIA

DATA RECORD 82

Data Source: Broderick, D., et al. 2006. See complete citation in Data Record 11.

Nesting Beaches: Enu Island and Pangumbahan (in West Java) and Sangalaki Island (in Berau) **Year:** 2000 **Counts:** 540, 370, and 4,500 clutches, respectively

DATA RECORD 83

Data Source: Bakarbesy, J., S. Benson, P. H. Dutton, C. Hitepuw, and J. Thebu. 2007. Population status and interesting movement of leatherback turtles, *Dermodochelys coriacea*, nesting on the northwest coast of Papua, Indonesia. *Chelonian Conservation and Biology* 6(1): 28–36.

Nesting Beaches: Pulau Ai and Pulau Sayang **Year:** 2002

Count: Unquantified

DATA RECORD 84

Data Source: Muurmans, M., and Yayasan Pulau Banyak. 2011. Green turtle nesting in Aceh, Indonesia: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Amandangan, Pulau Banyak **Year:** 2009 **Count:** 1,207 clutches

Nesting Beach: Rantau Salang in Bakongan, South Aceh **Year:** 2007 **Count:** Unquantified

SWOT Contact: Maggie Muurmans

DATA RECORD 85

Data Source: Putrawidjaja, M. 2000. Marine turtles in Irian Jaya, Indonesia. *Marine Turtle Newsletter* 90: 8–10.

Nesting Beach: Northwest Papua **Year:** 1999 **Count:** 171 clutches

DATA RECORD 86

Data Source: Bangkaru, M., L. Bateman, A. P. J. M. Steeman, and T. Stringell. 2000. Green turtle nesting at Pulau Banyak (Sumatra, Indonesia). *Marine Turtle Newsletter* 90: 6–8.

Nesting Beach: Bangkaru (in the Pulau Banyak Archipelago) **Year:** 1999 **Count:** 82 clutches

IRAN

DATA RECORD 87

Data Source: Mobaraki, A. 2004. Green turtle nesting on the Gulf of Oman coastline of the Islamic Republic of Iran. *Marine Turtle Newsletter* 104: 11.

Nesting Beaches: Cholotr, Karatti, and Kohpansar **Year:** 2004
Count: Unquantified

JAMAICA

DATA RECORD 88

Data Source: (1) Donaldson, A., M. Hamilton, A. Haynes-Sutton, and R. Kerr-Bjorkland. 2005. *Sea Turtle Recovery Action Plan for Jamaica*. Draft. Kingston, Jamaica: United Nations Environment Program Caribbean Environment Programme. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Bush Cay and Southwest Cay (Pedro Bank)
Years: 1995 and 2005, respectively **Counts:** Unquantified and 1–25 crawls, respectively

SWOT Contacts: Andrea Donaldson and Rhema Kerr Bjorkland

JAPAN

DATA RECORD 89

Data Source: Balazs, G. H., A. B. Bolten, K. A. Bjorkdal, M. Chaloupka, L. M. Ehrhart, et al. 2007. Encouraging outlook for recovery of a once severely exploited marine megaherbivore. *Global Ecology and Biogeography* 17: 297–304.

Nesting Beach: Chichi-jima (in Ogasawara) **Year:** 2003

Count: 500 clutches

KENYA

DATA RECORD 90

Data Source: Okemwa, G. M., and A. Wamukota. 2006. An overview of the status of green turtles (*Chelonia mydas*) in Kenya. In M. Frick, A. Panagopoulou, A. F. Rees, and K. Williams, eds. *Proceedings of the Twenty-Sixth Annual Symposium on Sea Turtle Biology and Conservation*, 376. Athens, Greece: International Sea Turtle Society.

Nesting Beach: Watamu **Year:** 2000 **Count:** 2 clutches

DATA RECORD 91

Data Source: Olendo, M. 2011. Green turtle nesting in the Kiunga Marine National Reserve, Kenya: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Chandani, Kitanga Kikuu, Kiunga, Kiwaiyu, Kongowale, Kui, KSV, Magogo, Mongoni, Mtumumwe, Mwanabule, Mwongo Shariff, and Porcupine **Year:** 2007 **Counts:** 21, 17, 8, 4, 7, 1, 3, 15, 8, 5, 5, 20, and 1 clutches, respectively
SWOT Contact: Mike Olendo

KIRIBATI

DATA RECORD 92

Data Sources: (1) Balazs, G. H. 1975. *Marine Turtles in the Phoenix Islands: Atoll Research Bulletin No. 184*. Washington, DC: Smithsonian Institution. (2) Balazs, G. H. 1995. Status of sea turtles in the central Pacific Ocean. In Bjorkdal, K., ed. *Biology and Conservation of Sea Turtles*. Washington, DC: Smithsonian Institution Press. (3) Bebe, R., L. A. J. Bell, and N. Ruata. 2009. *Kiribati Marine Turtle Profile. Draft Report for the Secretariat of the Pacific Regional Environment Program*. Apia, Samoa: Secretariat of the Pacific Regional Environment Program. Unpublished report. (4) Bailey, S., R. Barrel, C. Holloway, S. Mangubhai, D. Obura, et al. 2001. Marine biological surveys of the Phoenix Islands: Summary of an expedition conducted from June 24 to July 25, 2000. In Obura, D., and G. S. Stone, eds. 2002. *Phoenix Islands: Summary of Marine and Terrestrial Assessments in the Republic of Kiribati June 5–July 10 2002*. Boston: New England Aquarium. (5) Maison, K., I. Kinan-Kelly, and K. P. Frutchey. 2010. *Green Turtle Nesting Sites and Sea Turtle Legislation throughout Oceania*, NOAA Technical Memorandum NMFS-F/SPO-110. Honolulu, Hawaii: U.S. Department of Commerce.

Nesting Beach: Canton Island (in the Phoenix Islands)

Year: 1970 **Count:** 100–500 nesting females

Nesting Beaches: 4 sites in the Line Islands **Year:** 1990

Count: Unquantified

Nesting Beaches: 2 sites in the Gilbert Islands **Year:** 2008

Count: Unquantified

Nesting Beach: Tarawa Atoll (Gilbert Islands) **Year:** 2008

Count: 20 clutches

Nesting Beaches: Birnie Island, Enderbury Island, Hull Island (Orona), McKean, Nikumaroro, Phoenix Island, and Sydney (Manra) **Year:** 2002 **Count:** Unquantified

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

LEBANON

DATA RECORD 93

Data Source: Aureggi, M., M. Khalil, and H. Syed. 2007. *Marine Turtle Monitoring at El Mansouri and El Koliata, Lebanon*. Unpublished report.

Nesting Beaches: El Monsouri and El Koliata **Year:** 2007

Count: 5 clutches, combined

SWOT Contact: Mona Khalil

MADAGASCAR

DATA RECORD 94

Data Source: Bourjea, J., S. Ciccione, and R. Rantsimbazafy. 2006. Marine turtle survey in Nosy Iranja Kely, northwestern

Madagascar. *Western Indian Ocean Journal of Marine Science* 5(2): 209–212.

Nesting Beach: Nosy Iranja Kely **Year:** 2003

Count: 104 clutches

SWOT Contacts: Jerome Bourjea, IFREMER, Stephane Ciccione, and KELONIA

DATA RECORD 95

Data Source: United Nations Environment Programme—World Conservation Monitoring Centre. 2010. See complete citation in Data Record 32.

Nesting Beach: Tulear **Year:** 1999 **Count:** 100–500 nesting females

DATA RECORD 96

Data Source: Leroux, G. 2005. *Réseau interdisciplinaire pour une gestion durable de la biodiversité marine: diagnostic environnemental et social autour des tortues marines dans le sud-ouest de l'Océan Indien*. Geneva: Réseau Universitaire International de Genève. Final report.

Nesting Beach: Barrens Archipelago **Year:** 2005

Count: Unquantified

MALAYSIA

DATA RECORD 97

Data Source: Broderick, D., et al. 2006. See complete citation in Data Record 11.

Nesting Beaches: Turtle Islands and Sipidan Island (in Sabah)

Year: 2000 **Counts:** 8,000 and 800 clutches, respectively

Nesting Beaches: Palau Redang, and Paka Island (in Terengganu) **Year:** 1993 **Counts:** 2,000 clutches and unquantified, respectively

DATA RECORD 98

Data Source: Daman, C., and C. Fisher. 2010. Nesting population of sea turtles in four main beaches of eastern Tioman Island, Malaysia. Malaysia: Juara Turtle Project. Unpublished data.

Nesting Beaches: In Tioman, Pahang: Mentawak, Munjur, and Penut **Years:** 2010, 2010, and 2009, respectively

Counts: 6, 27, and 2 clutches, respectively

SWOT Contact: Charles Fisher

DATA RECORD 99

Data Source: Bali, J., and O. B. Tisen. 2002. Current status of marine turtle conservation programmes in Sarawak, Malaysia. In *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-477, compilers B. Brost, A. Foley, and A. Mosier, 369. Miami, Florida: National Marine Fisheries Service.

Nesting Beach: Turtle Islands (in Sarawak) **Year:** 2000

Count: 2,000 clutches

MARSHALL ISLANDS, REPUBLIC OF THE

DATA RECORD 100

Data Sources: (1) McCoy, M. 2004. *Defining parameters for sea turtle research in the Marshall Islands*. NOAA Administrative Report AR-PI-0-04. Silver Spring, Maryland: NOAA National Marine Fisheries Service. Unpublished report. (2) National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. *Recovery Plan for U.S. Pacific Populations of the Green Turtle*. Silver Spring, Maryland: National Marine Fisheries Service.

(3) Kilma, N., and W. K. Puleloa. 1992. *The Sea Turtles of the Northern Marshalls: A Research Expedition to Bikar and Erikup Atolls, and Jemo Island*. Manuscript. (4) Maison, K., I. Kinan-Kelly, and K. P. Frutchey. 2010. *Green Turtle Nesting Sites and Sea Turtle Legislation throughout Oceania*, NOAA Technical Memorandum NMFS-F/SPO-110. Honolulu, Hawaii: U.S. Department of Commerce.

Nesting Beach: Bikar Atoll **Year:** 1992 **Count:** 100–500 nesting females

Nesting Beaches: Erikub Atoll and Jemo Island **Year:** 1992

Count: Unquantified

Nesting Beaches: Ailuk Atoll, Bikini Atoll, Enewetak Atoll, Likiep Atoll, Taongi Atoll (Bokak), and Wotje Atoll **Year:** 2004

Count: Unquantified

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

MARTINIQUE

DATA RECORD 101

Data Source: Cayol, C., and S. Raigné. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: St. Anne: Anse Grosse Roche (on the southern coastline) **Year:** 2006 **Count:** 1–25 crawls

SWOT Contacts: Claire Cayol and Séverine Raigné

DATA RECORD 102

Data Source: Le Scao, R., and National Wildlife and Hunting Agency. 2011. Green turtle nesting in Martinique: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Diamant (on the Southern coast), and Vaudin: Grand, and Petit Macabou (on the Atlantic eastern coastline)

Year: 2008 **Counts:** 1 clutch and 1 crawl, respectively

SWOT Contact: Rozenn Le Scao

MAURITANIA

DATA RECORD 103

Data Source: Fretey, J. 2001. See complete citation in Data Record 61.

Nesting Beach: Banc d'Apos in Arguin **Year:** 2001

Count: Unquantified

MAYOTTE

DATA RECORD 104

Data Source: Bourjea, J., S. Ciccione, J. Frappier, G. Hughes, H. Grizel, et al. 2007. Mayotte Island: Another important green turtle nesting site in the South West Indian Ocean. *Endangered Species Research* 3: 273–282.

Nesting Beach: Grande Saziley beach **Year:** 2005

Count: 299 nesting females

Nesting Beaches: Maoussi, and Majicavo 1, 2, 3, and 4 (combined) **Year:** 2005 **Count:** 4,976 crawls combined

SWOT Contacts: Claire Jean, Jerome Bourjea, and

Stephane Ciccione

MEXICO

DATA RECORD 105

Data Source: Awbrey, F. T., S. Leatherwood, E. D. Mitchell, and W. Rogers. 1984. Nesting green sea turtles (*Chelonia mydas*) on Isla Clarión, Islas Revillagigedos, Mexico. *Bulletin of the Southern California Academy of Sciences* 83: 69–75.

Nesting Beach: Isla Clarión (in the Islas Revillagigedos)

Year: 1984 **Count:** Unquantified

DATA RECORD 106

Data Source: Avise, J. C., G. H. Balazs, B. W. Bowen, C. J. Limpus, A. B. Meylan, et al. 1992. Global population structure and natural history of the green turtle (*Chelonia mydas*) in terms of matriarchal phylogeny. *Evolution International Journal of Organic Evolution* 46(4): 865–881.

Nesting Beach: Isla Cozumel **Year:** 1991 **Count:** Unquantified

DATA RECORD 107

Data Source: Comisión Nacional De Áreas Naturales Protegidas (CONANP), and Comite Estatal para la Protección y Conservación de las Tortugas Marinas del Estado de Campeche. 2011. Green turtle nesting in Campeche, Mexico: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Victoria-Xicalango in Campeche **Year:** 2009

Count: 4 clutches

SWOT Contact: Vicente Guzman

DATA RECORD 108

Data Sources: (1) Bravo, G., P. R. Martínez, and R. C. Martínez. 2007. *Breve Reseña y Resultados en la Protección y Conservación de las Tortugas Marinas en el Estado de Veracruz, 2003–2006*. Veracruz, Mexico: SEMARNAT–Comisión Nacional De Áreas Naturales Protegidas. (2) Arias R., G. M. 2006. *Informe de Resultados de la Temporada 2006*. Veracruz, Mexico: Comisión Nacional para el Desarrollo de los Pueblos Indígenas, Centro de Desarrollo Indigenista. Unpublished report. (3) Jaramillo, A. P. 2006. Mexico 2005: *First Annual Report for the Inter-American Convention for the Protection and Conservation of Sea Turtles*. (4) Jaramillo, A. P. 2007. *Mexico 2006: Second Annual Report for the Inter-American Convention for the Protection and Conservation of Sea Turtles*. (5) Guzman, V. 2006. *Informe Tecnico Final del Programa de Conservación de Tortugas Marinas de Campeche, Mexico, en 2005*. Technical report. (6) Ana Erosa-Aguilar, C. C., F. S. Aguilar, T. V. Bernal, A. S. Erosa, R. R. Fanjul, et al. 1994. *Programa de Protección de la Tortuga Marina, Temporada 1994*. Puerto Morelos, Mexico: Instituto Nacional de la Pesca, SEPESCA-SEDESOL. Unpublished report. (7) Erosa, S. A. I. 2003. *Informe de Resultados del Programa de Protección de Tortugas Marinas en la Zona Hotelera de Cancún, Temporada 2002*. Benito Juárez, Quintana Roo, Mexico: Dirección General de Ecología. (8) Erosa, S. A., and J. G. Juárez G. 1998. Marine turtle protection in the hotel zone of Cancun, Q. Roo: A retrospective. In *Proceedings of the Eighteenth Annual International Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-436, compilers F. A. Abreu-Grobois, R. Briseño-Duenas, R. Marquez-Millan, and L. Sarti-Martinez. Miami, Florida: National Marine Fisheries Service. (9) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Barra de Galindo, Boca de Lima-Barra Tecolutla, Capulteotl, Central Nucleoeléctrica Laguna Verde, Isla Contoy, Pena Hermosa, Punta Herrero, Vida Milenaria, and Zapotitlan **Year:** 2006 **Count:** 1–25 crawls

Nesting Beaches: Akumal, Arrecifes, Chachalacas, Del Faro, El Callejon del Pajaro y Cangrejo, Isla Cancun, Isla Mujeres, Paraíso Escondido, and Punta Pajaros **Year:** 2006 **Count:** 25–100 crawls

Nesting Beaches: Arrecife Alacranes, Bahía de Cochinos–Villamar, Cabo Rojo, Marcelino Yopez, Nizuc–Pt. Morelos, Punta Sur, and Santander **Year:** 2006 **Counts:** 100–500 crawls at each beach

Nesting Beaches: Lechuguillas–El Llano and Mezcalitos
Year: 2006 **Count:** 500–1,000 crawls
Nesting Beaches: Chen-Rio, Farallon–Cazones, and Las Coloradas
Year: 2006 **Count:** 1,000–5,000 crawls

Nesting Beaches: Aguadas del Sur, Bosh, Campismo, Celarain, Chenyuyu, Chiqueros, Cinco Puertas, Cocos, De la Cruz, Dunas del Norte, Fatima, Fidencaribe, Herradura, Ixmapiot, L. Muerta, Lagunade Garzas, Majahual, Mirador, Pajarera Norte, Pajarera Sur, Pajaros, Puerto Angel, Puerto Viejo, Punta Allen, Punta Moreno, Reserva Sur, San Martin, Tortugas, Xcalak, and Xpu-ha
Year: 2006 **Count:** Unquantified
SWOT Contacts: Adriana Laura Sarti Martinez and CONANP

DATA RECORD 109

Data Source: Gladys Porter Zoo Sea Turtle Conservation Program. 2011. Green turtle nesting in Tamaulipas, Mexico: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: La Pesca, Playa Dos–Barra del Tordo, Playa Miramar–Ciudad Madero, Playa Tesoro–Altamira, Rancho Nuevo, and Tepehuajes **Year:** 2010 **Counts:** 101, 79, 11, 3, 443, and 251 clutches, respectively
SWOT Contacts: Patrick Burchfield and Luis Jaime Peña

DATA RECORD 110

Data Source: Guzman, V., and EIOC-III Region Naval Military Secretaría de Marina-Armana (SEMAR). 2011. Green turtle nesting in Campeche, Mexico: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Cayo Arcas (in Campeche) **Year:** 2010
Count: 80 nesting females

SWOT Contact: Vicente Guzman

DATA RECORD 111

Data Source: Guzman, V., and Área de Protección de Flora y Fauna Laguna de Términos (APFFLT), Comisión Nacional De Áreas Naturales Protegidas (CONANP). 2011. Green turtle nesting in Campeche, Mexico: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Chenkan and Isla Aguada (in Campeche)
Year: 2010 **Counts:** 4 and 463 nesting females, respectively
SWOT Contact: Vicente Guzman

DATA RECORD 112

Data Source: Guzman, V., and Desarrollo Ecologico Ciudad del Carmen, AC. 2011. Green turtle nesting in Campeche, Mexico: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Isla del Carmen (in Campeche) **Year:** 2010
Count: 2 nesting females

SWOT Contact: Vicente Guzman

DATA RECORD 113

Data Source: Guzman, V., and Universidad Autónoma del Carmen. 2011. Green turtle nesting in Campeche: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Sabancuy (in Campeche) **Year:** 2010

Count: 28 nesting females

SWOT Contact: Vicente Guzman

DATA RECORD 114

Data Source: Seminoff, J. A., B. A. Schroeder, S. MacPherson, E. Possardt, and K. Bibb. 2007. See complete citation in Data Record 45.

Nesting Beaches: Isla Socorro (in Islas Revillagigedos) and Islas Tres Marias **Years:** 2001 and 2007, respectively

Counts: 47 clutches and unquantified, respectively

DATA RECORD 115

Data Source: Tiburcio-Pintos, G., P. Marquez Almansa, J. M. Sandez Camilo, and J. R. Guzmán. 2004. First nesting report of black sea turtles (*Chelonia mydas agassizii*) in Baja California Sur, Mexico. In *Proceedings of the Twenty-fourth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-567, compilers R. B. Mast, B. J. Hutchinson, and A. H. Hutchinson, 147. Miami, Florida: National Marine Fisheries Service.

Nesting Beaches: Baja California del Sur: Cabo del Este, La Laguna, Playa la Turquesa, Playas del Camino a la Costa, Pueblo Bonito, Romerios, San Cristobal, Todos Santos, and Zacaton **Years:** 2009, 2006, 2005, 2009, 2007, 2001, 2004, 2006, and 2003, respectively **Counts:** 7, 1, and 1 clutch(es); 3 nesting females; 2 clutches; 1 nesting female; 2, 1, and 1 clutch(es), respectively
SWOT Contact: Graciela Tiburcio

DATA RECORD 116

Data Source: Torres, B. R. S. 2008. *Estado de Conservación de la Población de Tortuga Negra (Chelonia agassizii) en Michoacán*. Michoacan, Mexico: Universidad Michoacana de San Nicholas de Hidalgo. Master's thesis.

Nesting Beaches: Arenas Blancas, Bahía Maruata, Cachan de Echeverría, La Ilorona, Motin de Oro, Paso de Noria, La Placita de Morelosall, Playa Colola, and La Tícla **Year:** 2007

Counts: 30, 383, 40, 30, 80, 75, 30, 1,660, and 50 nesting females, respectively

SWOT Contacts: Wallace J. Nichols and Catherine Hart

MICRONESIA, FEDERATED STATES OF

DATA RECORD 117

Data Source: Cruce, J. 2010. *Monitoring of Nesting Green Turtles (Chelonia mydas) on Loosiep Island, Ulithi Atoll, Marine Resources Management Division Report*. Yap, Federated States of Micronesia: Joint Institute for Marine and Atmospheric Research (JIMAR). Technical report.

Nesting Beaches: Gielop Island and Loosiep Island (in Yap, Ulithi Atoll) **Year:** 2010 **Counts:** 396 and 87 nesting females, respectively
SWOT Contact: Jennifer Cruce

DATA RECORD 118

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

Nesting Beach: Iar Island (in Yap, Ulithi Atoll) **Year:** 2000
Count: 124 nesting females

SWOT Contact: Jennifer Cruce

DATA RECORD 119

Data Source: Kinan, I., and J. Cruce. 2011. Green turtle nesting in Micronesia: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Bulbul and Yeew **Year:** 2010

Count: Unquantified at both beaches

SWOT Contacts: Jennifer Cruce and Irene Kinan-Kelly

DATA RECORD 120

Data Source: Naughton, J. J. 2001. Sea turtle survey at Oroluk Atoll and Minto Reef, Federated States of Micronesia. *Marine Turtle Newsletter* 55: 9–12.

Nesting Beach: Oroluk Atoll **Year:** 1990

Count: 12 nesting females

DATA RECORD 121

Data Sources: (1) Kolinski, S. 1993. *Outer Island Turtle Project Stage III: Report on Elato Atoll Fieldwork*. Yap, Federated States of Micronesia: Marine Resources Management Division. Final Report. (2) Hachiglou, V., S. Kolinski, and A. Smith. 1991. *Outer Island Turtle Project, Yap State, F.S.M., Status Report*. The South Pacific Regional Environment Programme's Regional Marine Turtle Conservation Programme Meeting, August 1991, Noumea, New Caledonia. (3) Pritchard, P. C. H. 1995. Marine turtles of Micronesia. In Bjorndal, K., ed. *Biology and Conservation of Sea Turtles*. Washington, DC: Smithsonian Institution Press. (4) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: Elato Atoll, Ngulu Atoll, and Olimarao Atoll **Years:** 1993, 1993, and 1990, respectively **Counts:** 30–40, 70–75, and 27 nesting females, respectively
Nesting Beaches: 5 sites in Yap State; Chuuk State: East Fayu Island, Fanang Island, and Murilo Atoll **Year:** 1970
Count: Unquantified
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

SWOT Contact: Kim Maison and Irene Kinan-Kelly

MONTSERRAT

DATA RECORD 122

Data Sources: (1) Godley, J., J. Jeffers, and C. S. Martin. 2005. The status of marine turtles in Montserrat (Eastern Caribbean). *Animal Biodiversity and Conservation* 28(2): 159–168. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Bunkum Bay, Fox's Bay–Bransby Point, Hot Water Pond–Sugar Bay–Kinsale, Rendezvous Bay, Trant's Bay–Farm Bay, and Woodlands Beach **Year:** 2003

Counts: 1–25 crawls at each beach

SWOT Contact: John Jeffers

MOZAMBIQUE

DATA RECORD 123

Data Source: Costa, A., and A. Mate. 2011. Green turtle nesting in Mozambique: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Quirimbas National Park and Rongui and Vamizi Islands **Year:** 2008 **Counts:** 1 and 188 clutch(es), respectively

SWOT Contacts: Alfredo Mate and Alice Costa

DATA RECORD 124

Data Source: Costa, A., J. João, C. M. M. Louro, H. Motta, M. A. M. Pereira, et al. 2007. Marine turtles in Mozambique: Towards an effective conservation and management program. *Marine Turtle Newsletter* 117: 1–3.

Nesting Beaches: Primeiras Islands and Segundas Islands
Year: 2004 **Count:** Unquantified

DATA RECORD 125

Data Source: Mate, A. 2011. Green turtle nesting in Mozambique: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Bazaruto National Park (in Inhambane)

Year: 2009 **Count:** 3 clutches

SWOT Contact: Alfredo Mate

MYANMAR

DATA RECORD 126

Data Source: Khaing, S. T., S. G. Platt, and J. B. Thorbjarnarson. 2000. Sea turtles in Myanmar: Past and present. *Marine Turtle Newsletter* 88: 10–11.

Nesting Beach: Kaingthaung Kyun **Year:** 1999 **Count:** 1 clutch

Nesting Beaches: Gayetyi Kyun, Kadonkalay Kyun, and Thamiha Kyun **Year:** 1999 **Count:** Unquantified

NEW CALEDONIA

DATA RECORD 127

Data Sources: (1) Pritchard, P. C. H. 1994. Les D'Entrecasteaux Enfin! Report of an expedition to study the sea turtles of the D'Entrecasteaux Reefs, north of New Caledonia. In *Proceedings of the Thirteenth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC-341, compilers B. A. Schroeder and B. E. Witherington, 143–145.

Jekyll Island, Georgia: National Marine Fisheries Service.

(2) Downer, A., C. Limpus, and S. Mounier. Forthcoming. Project to determine the distribution and population sizes of nesting marine turtles in New Caledonia, and to enhance the capacity of local governments to protect and manage these species. In *Proceedings of the Twenty-ninth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFSC. Miami, Florida: National Marine Fisheries Service.

(3) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: d'Entrecasteaux Reefs: Fabre Island, Huon Island, and Surprise Island **Year:** 2009 **Count:** Unquantified at individual beaches, approximately 5,700 clutches nationwide

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

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SWOT Contact: Kim Maison and Irene Kinan-Kelly

PAKISTAN

DATA RECORD 132

Data Source: Asrar, F. F. 1999. Decline of marine turtle nesting populations in Pakistan. *Marine Turtle Newsletter* 83: 13–14.

Nesting Beaches: Sandspit and Hawkes Bay **Year:** 1997
Count: 2 clutches, combined

DATA RECORD 133

Data Source: Wildlife of Pakistan. Green Sea Turtle.

www.wildlifeofpakistan.com/ReptilesOfPakistan/greenseaturtle.htm. Accessed 2010.

Nesting Beach: Astola Island **Year:** 1997 **Count:** Unquantified

PALAU

DATA RECORD 134

Data Sources: (1) Barr, J. 2006. *Master's Thesis: Community Based Sea Turtle Monitoring and Management at Helen Reef, Hatohebei State, Republic of Palau*. Corvallis, Oregon: Oregon State University. Unpublished report. (2) Palau Bureau of Marine Resources. 2005. *Palau Marine Turtle Conservation and Monitoring Program Final Report*. Republic of Palau. Unpublished grant report. (3) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: Helen Island and Tobi (Hatohebei) Island in Hatohebei State; 4 sites in Sonsorol State; 3 sites in Kayangel State; Babeldoab Island in Melekeok State; Peleliu Island in Peleliu State; Ngerechur Island in Ngarchelong State **Years:** 2005 except Merir Reef and Ngerechur Island, which are both 2008 **Counts:** 47 nesting females, unquantified, unquantified, 739, 5, unquantified, 1, 1, 5, unquantified, unquantified, and 5 clutch(es), respectively
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

PANAMA

DATA RECORD 135

Data Sources: (1) Meylan, A., P. Meylan, C. Ordoñez, A. Ruiz, and S. Troeng. 2006. *Final Project Report 2005 Hawksbill (Eretmochelys imbricata) Research and Population Recovery at Chiriqui Beach and Escudo de Veragas Island, and Bastimentos Island National Marine Park*. Panama. Unpublished report.

(2) Castillo, I., N. Decastro Gonzales, A. Meylan, P. Meylan, C. Ordoñez, et al. 2006. *Bastimentos Island National Marine Park and Playa Chiriqui: Protected Areas Vital to the Recovery of the Hawksbill Turtle in Caribbean Panama*. Panama. Unpublished report. (3) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: Small Zapatilla Cay **Year:** 2005

Count: 1–25 crawls

SWOT Contacts: Argelis Ruiz, Meylan Anne, and Caribbean Conservation Cooperation

DATA RECORD 136

Data Source: Abrego, M., H. Chacon, C. Peralta, J. Rodriguez, and A. Ruiz, A. 2011. Green turtle nesting in Panama: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Ballena (in Veraguas) **Year:** 1999

Count: Unquantified

SWOT Contacts: Argelis Ruiz, Carlos Peralta, Harold Chacon, Jacinto Rodriguez, and Marino Abrego

PAPUA NEW GUINEA

DATA RECORD 137

Data Source: (1) Kinch, J. 2003. *Sea Turtle Resources in the Milne Bay Province, Papua New Guinea: Results of a Nesting Survey (21–27/01/03) at Panayayapona and Panadaludalu Islands (Jomard Islands), with Additional Notes*. Papua New Guinea: Milne Bay Community-Based Coastal and Marine Conservation Program. Unpublished report. (2) Wangunu, N., D. Kwan, I. Bell, and J. Pita. 2004. *Turtle Tagging and Monitoring in Milne Bay Province, December 2003: A Report Prepared for Conservation International, Papua New Guinea Department of Environment and Conservation, and South Pacific Regional Environmental Program*. Papua New Guinea: Milne Bay Community-Based Marine Conservation Program. Unpublished report. (3) National Fisheries Authority, Papua New Guinea. 2007. *A Review of Fisheries and Marine Resources in New Ireland Province, Papua New Guinea*. Papua New Guinea: National Fisheries Authority and Coastal Fisheries Management and Development Project. Unpublished report.

(4) Pritchard, P. C. H. 1979. *Marine Turtles of Papua New Guinea. Unedited Field Notes. Account of fieldwork conducted on behalf of Papua New Guinea Wildlife Division by Peter C.H. Pritchard and Suzanne Rayner, August to October 1978*. Fisheries Archive Paper No. P87. Unpublished report. (5) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: Atmago (Egmakau), Emirau Island, Lemus, Mussau Island, Nago Island, Nusalaman (Nusalomon), Ral, and Usen (Usang) **Year:** 2007 **Count:** Unquantified

Nesting Beaches: Irai Island, Pananiu Island, and Tobiki Island in the Conflicts Group, Milne Bay Province; Panadaludalu (Panarairai) Island in the Jomard Islands, Milne Bay Province; Siva in the Bramble Haven Group, Milne Bay Province **Year:** 2004

Counts: 1–10 nesting females at each beach

Nesting Beach: Long Island **Year:** 1979 **Count:** Unquantified

Nesting Beaches: Panayayapona (Panawaipona) Island in the Jomard Islands, Milne Bay Province **Year:** 2004 **Count:** 16 clutches

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

PERU

DATA RECORD 138

Data Source: Wester, J. H., S. Kelez, and X. Velez-Zuazo. 2010. Nuevo limite sur de anidacion de las tortuga verde *Chelonia mydas* y golfina *Lepidochelys olivacea* en el Pacifico Este.

Presentation at the *II Congreso de Ciencias del Mar del Peru*.

Piura, Peru: Universidad Nacional de Piura.

Nesting Beach: Tres Cruces in Piura **Year:** 2010

Count: 1 nesting female

SWOT Contact: Shaleyla Kelez

PHILIPPINES

DATA RECORD 139

Data Source: Cruz, R. D. 2002. Marine turtle distribution in the Philippines. In Kinan, I., ed. 2002. *Proceedings of the First Western Pacific Sea Turtle Cooperative Research and Management Workshop, Honolulu, Hawaii*. Honolulu, Hawaii: Western Pacific Regional Fishery Management Council.

Nesting Beaches: Languil Island, Basilian; Panikian Island, Zamboanga del Sur; and San Miguel Islands **Year:** 2000

Count: Unquantified

DATA RECORD 140

Data Source: Broderick, D., et al. 2006. See complete citation in Data Record 11.

Nesting Beach: Turtle Islands **Year:** 1993 **Count:** 2,500 clutches

PITCAIRN ISLANDS, U.K. OVERSEAS TERRITORY

DATA RECORD 141

Data Sources: (1) Brooke, M. de L. 1995. Seasonality and numbers of green turtles *Chelonia mydas* nesting on the Pitcairn Islands. *Biological Journal of the Linnean Society* 56: s325–s327. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beach: Henderson Island **Year:** 1992

Count: 10 nesting females

SWOT Contacts: Kim Maison and Irene Kinan-Kelly

PUERTO RICO

DATA RECORD 142

Data Source: Diez, C., H. Horta, and L. Montero. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Shooting Range and Vieques **Year:** 2004

Counts: 25–100 crawls at each beach

SWOT Contacts: Carlos Diez, Hector Horta, and Lesbia Montero

DATA RECORD 143

Nesting Beaches: Shooting Range and Vieques **Year:** 2004

Counts: 25–100 crawls at each beach

SWOT Contacts: Carlos Diez, Hector Horta, and Lesbia Montero

SAINT KITTS AND NEVIS

DATA RECORD 144

Data Source: Stewart, K., and E. Pemberton. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: Belle Tete **Year:** 2006 **Count:** Unquantified

Nesting Beaches: Cades Bay, Dog Bay, Sea Haven (Lovers) Beach, South Friars, and White Bay **Year:** 2006

Counts: 1–25 crawls at each beach

Nesting Beaches: Halfmoon Bay and North Frigate **Year:** 1999

Counts: 1–25 crawls at each beach

SWOT Contacts: Kimberly Stewart and Emile Pemberton

SAINT LUCIA

DATA RECORD 145

Data Sources: (1) d'Auvergne, C., and K. L. Eckert. 1993. *Sea Turtle Recovery Action Plan for St. Lucia*. CEP Technical Report No. 26. Kingston, Jamaica: UNEP Caribbean Environment Programme. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beach: Playa Grande Anse **Year:** 2006

Count: Unquantified

SWOT Contact: Dawn Pierre-Nathaniel

SAINT VINCENT AND THE GRENADINES

DATA RECORD 146

Data Sources: (1) Scott, N. McA., and J. A. Horrocks. 1993. *Sea Turtle Recovery Action Plan for St. Vincent and the Grenadines*. CEP Technical Report No. 27. Kingston, Jamaica: UNEP Caribbean Environment Programme. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: 3 beaches on Union Island; and Frigate Island **Year:** 1987 **Count:** Unquantified

Nesting Beaches: 3 beaches in Canouan; 2 beaches on Union Island **Year:** 1993 **Count:** Unquantified

Nesting Beaches: Palm and Prune Island **Year:** 1979

Count: Unquantified

SWOT Contact: Lucine Edwards

SÃO TOMÉ AND PRÍNCIPE

DATA RECORD 147

Data Source: Loureiro, N. S., and D. Matos, Programa SADA.

2011. Green turtle nesting on Príncipe Island: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Príncipe **Year:** 2009 **Count:** 66 clutches

SWOT Contact: Nuno de Santos Loureiro

DATA RECORD 148

Data Source: Loureiro, N. S., Carvalho, H., and Z. Rodrigues. Forthcoming. The Praia Grande of Príncipe Island (Gulf of Guinea): An important nesting beach for the green turtle *Chelonia mydas*.

Arquipélago—Life and Marine Sciences.

Nesting Beach: Praia das Conchas to Praia Juventude

Year: 2009 **Count:** 122 nesting females

SWOT Contact: Nuno de Santos Loureiro

SAUDI ARABIA

DATA RECORD 149

Data Source: United Nations Environment Programme—World Conservation Monitoring Centre. 2010. See complete citation in Data Record 32.

Nesting Beach: Ras Baridi **Year:** 2007 **Count:** 10–100 nesting females

Count: Unquantified

DATA RECORD 150

Data Source: Pilcher, N. J., and M. Al-Merghani. 2000. Reproductive biology of green turtles at Ras Baridi, Saudi Arabia. *Herpetological Review* 31(3): 142–147.

Nesting Beaches: Jana Island, Juraid Island, and Karan Island

Year: 1991 **Counts:** 122, 341, and 408 nesting females, respectively

Count: Unquantified

SWOT Contact: Nuno de Santos Loureiro

SENEGAL

DATA RECORD 151

Data Source: Fretley, J. 2001. See complete citation in Data Record 61.

Nesting Beach: Langue de Barbarie **Year:** 2001

Count: Unquantified

SEYCHELLES

DATA RECORD 152

Data Source: Bourjéa, J., S. Lapegue, L. Gagnevin, D. Broderick, J. A. Mortimer, et al. 2007. Phylogeography of the green turtle, *Chelonia mydas*, in the Southwest Indian Ocean. *Molecular Ecology* 16(1): 175–186.

Nesting Beach: Farquhar Group **Year:** 2002

Count: 4,145 nesting females

DATA RECORD 153

Data Source: French, G., and D. Monthy. 2011. Green turtle nesting on Mahe Island, Seychelles: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Anse Cachee, Anse Grand Police, Anse Intendance, and Anse Petite Boileau on Mahe Island **Year:** 2009

Counts: 1, 1, 4, and 1 clutches, respectively

SWOT Contacts: Devis Monthy and Georgia French

DATA RECORD 154

Data Source: Gerand, G. D., Nature Seychelles. 2011. Green turtle nesting in Cousin Island Special Reserve: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Cousin Island Special Reserve **Year:** 2007

Count: 2 clutches

SWOT Contact: Gilles-David Derand

DATA RECORD 155

Data Source: United Nations Environment Programme—World Conservation Monitoring Centre. 2010. See complete citation in Data Record 32.

Nesting Beaches: Bijoutier Island and Coetivy Island **Year:** 1984

Counts: 10–100 nesting females at each beach

Nesting Beaches: Frigate Island and Poivre Islands **Year:** 2010

Count: Unquantified

DATA RECORD 156

Data Source: Joliffe, K. 2011. Green turtle nesting on Cousin Island, Seychelles: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Cousin Island **Year:** 2007 **Count:** 12 clutches

SWOT Contact: Kevin Joliffe

DATA RECORD 157

Data Source: Mathiot, M., and E. Talma. 2011. Green turtle nesting on Mahe Island, Seychelles: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Anse Petite Marie Louise, Petite Marie Louise, and unnamed beach on Mahe Island **Year:** 2008

Counts: 0, 1, and 0 clutch(es), respectively

SWOT Contact: Elke Talma

DATA RECORD 158

Data Source: Matombe, R., and E. Talma. 2011. Green turtle nesting on Mahe Island, Seychelles: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Anse Georgette, Grande Anse Kerlan, Petite Anse Kerlan, and President Villa on Mahe Island **Year:** 2008
Counts: 0 clutches at beaches
SWOT Contact: Elke Talma

DATA RECORD 159

Data Source: Seminoff, J. A., B. A. Schroeder, S. MacPherson, E. Possardt, and K. Bibb. 2007. See complete citation in Data Record 45.
Nesting Beaches: Aldabra Islands and Assumption Island
Year: 2007 **Count:** Unquantified

DATA RECORD 160

Data Source: Stiponovich, J., and E. Talma. 2011. Green turtle nesting on Annonyme Island, Seychelles: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Anse Bonne Care, Jetty Beach, Presidents Beach, Turtle Beach, and Villa Beach in Pezula Resort on Annonyme Island **Year:** 2006 **Counts:** 0 clutches at each beach
SWOT Contact: Elke Talma

DATA RECORD 161

Data Source: Talma, E. 2005. *Report on the 2004–05 Turtle Nesting Season*. Seychelles: Marine Conservation Society Seychelles. Technical report.
Nesting Beach: Baie Lazare on west Mahe Island **Year:** 2004
Count: 0 clutches
SWOT Contact: Elke Talma

DATA RECORD 162

Data Source: Talma, E. 2008. *Report on Turtle Nesting Activity Recorded by MCSS and Banyan Tree Resort in the South of Mahe, Seychelles, during the 2007–08 Season*. Seychelles: Marine Conservation Society Seychelles. Technical report.
Nesting Beach: Beach No. 6 on south Mahe Island **Year:** 2007
Count: 5 clutches
SWOT Contact: Elke Talma

DATA RECORD 163

Data Source: Talma, E. 2011. Green turtle nesting in Seychelles: Personal communications from 2007–2009. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beach: Anse Forbans, Mahe Island **Year:** 2007
Count: 0 clutches
Nesting Beaches: Anse Soleil and Petite Anse Soleil, Mahe Island **Year:** 2006 **Count:** 0 clutches
Nesting Beaches: Anse Barbarons, Anse Louis, Anse Parnell, Anse Riviere Gaspard, Anse Takamaka, and Petite Anse on Mahe Island **Year:** 2008 **Counts:** 0 clutches at each beach
Nesting Beaches: South Mahe Island beaches **Year:** 2008
Count: 6 clutches
SWOT Contact: Elke Talma

DATA RECORD 164

Data Source: Talma, E. 2011. Green turtle nesting on Desroches Island, Seychelles: Personal communication from Dive Centre staff and Elke Talma. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beach: Southwestern end (Mme Zabre to Bombay) of Desroches Island
Year: 2004 **Count:** 7 clutches
SWOT Contact: Elke Talma

SOLOMON ISLANDS

DATA RECORD 170

Data Sources: (1) Vaughan, P. 1981. *Marine turtles: A review of their status and management in the Solomon Islands*. Honiara, Solomon Islands: Solomon Islands Fisheries Division. Technical report. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.
Nesting Beaches: Ausilala Island, Balaka Island, and Maifu Island in the Shortlands Islands; Malaulalo and Malaupaina in the Three Sisters Islands; Wagina (Vaghena) in Choiseul **Year:** 1981
Counts: 50–100 nesting females at each beach
Nesting Beaches: Hakelake Island, and Kerehikapa in the Arnavon Islands **Year:** 1995 **Counts:** 15–20 and 53 clutches, respectively
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

SRI LANKA

DATA RECORD 171

Data Sources: (1) Amarasooriya, K. D. Classification of sea turtle nesting beaches of southern Sri Lanka. In Pilcher, N., and G. Ismail. 2000. *Sea Turtles of the Indo-Pacific: Research, Management, and Conservation*. London: ASEAN Academic Press. (2) Kapurusinghe, T. Status and conservation of marine turtles in Sri Lanka. In Shanker, K., and B. C. Choudhury, eds. 2006. *Marine Turtles of the Indian Subcontinent*. Hyderabad, India: Universities Press.
Nesting Beaches: 38 sites throughout the southern Sri Lankan coast **Year:** 1999 **Count:** Unquantified

DATA RECORD 172

Data Source: Rajakaruna, R. S., D. M. N. J. Dissanayake, E. M. L. Ekanayake, and K. B. Ranawana. 2009. Sea turtle conservation in Sri Lanka: Assessment of knowledge, attitude and prevalence of consumptive use of turtle products among coastal communities. *Indian Ocean Turtle Newsletter* 10: 1–13.
Nesting Beach: Rekawa in Hambantota District **Year:** 2009
Count: 0 clutches

ST. EUSTATIUS

DATA RECORD 165

Data Source: Berkel, J. 2010. *St. Eustatius Sea Turtle Conservation Annual Report 2009*. Unpublished report.
Nesting Beach: Zeelandia Beach **Year:** 2009
Count: 7 nesting females
SWOT Contacts: Nicole Esteban and Jessica Berkel

DATA RECORD 166

Data Sources: (1) Le Scao, R., and N. Esteban. 2005. *St. Eustatius Sea Turtle Monitoring Programme: Annual Report 2004*. St. Eustatius: STENAPA. Unpublished report. (2) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.
Nesting Beaches: Kay Bay and Turtle Beach **Year:** 2006
Counts: 1–25 crawls at each beach
SWOT Contacts: Nicole Esteban and Arturo Herrera

DATA RECORD 167

Data Source: Esteban, N., and J. Berkel. 2011. Green turtle nesting in St. Eustatius: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Oranje Bay and Turtle Beach **Year:** 2010
Counts: 1 and 7 crawls, respectively
SWOT Contacts: Nicole Esteban and Jessica Berkel

ST. MAARTEN

DATA RECORD 168

Data Source: Vissenberg, D. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.
Nesting Beach: Guana Bay Beach **Year:** 2005
Count: 1–25 crawls
SWOT Contact: Dominique Vissenberg

ST. MARTIN

DATA RECORD 169

Data Source: Delcroix, E. 2011. Green turtle nesting in St. Martin: Personal communication. Unpublished data. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Baie aux prunes, Baie longue, Baie rouge, Bell beach, Galion, Grandes Cayes, Petites cayes, Pinel arrière, Pinel côté, and Tintamarre **Year:** 2009 **Counts:** 7, 0, 4, 0, 7, 15, 0, 0, 0, and 15 clutches, respectively
SWOT Contact: Eric Delcroix

SURINAME

DATA RECORD 173

Data Source: Seminoff, J. A., B. A. Schroeder, S. MacPherson, E. Possardt, and K. Bibb. 2007. See complete citation in Data Record 45.
Nesting Beach: Matapica **Year:** 2007 **Count:** 1,803 clutches

SYRIA

DATA RECORD 174

Data Sources: (1) Rees, A. F., A. Saad, and M. Jony. 2005. Tagging green turtles (*Chelonia mydas*) and loggerhead turtles (*Caretta caretta*) in Syria. *Testudo* 6(2): 51–55. (2) Rees, A. F., A. Saad, and M. Jony. 2008. Discovery of a regionally important green turtle *Chelonia mydas* rookery in Syria. *Oryx* 42(3): 456–459.
Nesting Beach: Latakia **Year:** 2004 **Count:** 104 clutches
SWOT Contact: Mohammad Jony

TAIWAN, REPUBLIC OF CHINA

DATA RECORD 175

Data Source: Cheng, I-J., C-T. Huang, P-Y. Hung, B-Z. Ke, C-W. Kuo, et al. 2009. Ten years of monitoring the nesting ecology of the green turtle, *Chelonia mydas*, on Lanyu (Orchid Island), Taiwan. *Zoological Studies* 48(1): 83–97.
Nesting Beach: Taipin Tao **Year:** 2009
Count: 1–25 nesting females
SWOT Contact: I-Jiunn Cheng

DATA RECORD 176

Data Source: Cheng, I-J. 2011. Green turtle nesting in Tawain, R.O.C.: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Wan-an and Lanyu **Year:** 2009
Counts: 6 and 4 nesting females, respectively
SWOT Contact: I-Jiunn Cheng

TANZANIA

DATA RECORD 177

Data Source: World Wildlife Fund. 2005. *Marine Turtle Conservation Activities in Mozambique, August 2004 to June 2005*. Maputo, Mozambique: World Wildlife Fund. Unpublished report.

Nesting Beaches: Kilindoni (Mafia Island) and Mtwara **Year:** 2004 **Counts:** 153 clutches and 10–20 nesting females, respectively
Nesting Beaches: Pembe (Misali Island) and Unguja (Mnemba Island) **Year:** 2002 **Counts:** 25 and 36 clutches, respectively

THAILAND

DATA RECORD 178

Data Source: Settle, S. 1995. Status of nesting populations of sea turtles in Thailand and their conservation. *Marine Turtle Newsletter* 68: 8–13.
Nesting Beaches: Ko Khram and Tarutao National Park in Satun Province **Year:** 1993 **Counts:** 51 nesting females and 3 clutches, respectively
DATA RECORD 179
Data Source: Yasuda, T., H. Tanaka, K. Kittiwattanawong, H. Mitamura, W. Klom-in, et al. 2006. Do female green turtles (*Chelonia mydas*) exhibit reproductive seasonality in a year-round nesting rookery? *Journal of Zoology* 269: 451–457.
Nesting Beach: Huyong Island **Year:** 2004 **Count:** 59 clutches

TOKELAU

DATA RECORD 180

Data Sources: (1) Balazs, G. H. 1983. Sea turtles and their traditional usage in Tokelau. *Atoll Research Bulletin* 279: 1–32. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.
Nesting Beaches: Atafu Atoll, Fakaofu Atoll, and Nukunonu Atoll **Year:** 1983 **Count:** Unquantified
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

TONGA

DATA RECORD 181

Data Sources: (1) Bell, L. A. J., L. Matoto, and 'U. Fa'anunu. 2009. *Project Report: Marine Turtle Monitoring Programme in Tonga, Marine Turtle Conservation Act Project Report*. Unpublished report. (2) Havea, S., and K. T. MacKay. 2009. Marine turtle hunting in the Ha'apai Group, Tonga. *Marine Turtle Newsletter* 123: 15–17. (3) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.
Nesting Beaches: Luanamo Island and Nukulei Island in Ha'apai Group, and Vava'u Group **Years:** 2008 and 2009
Counts: 1–10 nesting females at each beach
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

TRINIDAD AND TOBAGO

DATA RECORD 182

Data Sources: (1) Bacon, P. R. 1973. The Status and Management of Sea Turtles of Trinidad and Tobago: Report to the Permanent Secretary, Ministry of Agriculture. Unpublished report. (2) Fournillier, K., and K. L. Eckert. 1998. *Draft WIDECASST Sea Turtle Recovery Action Plan for Trinidad and Tobago*. Kingston, Jamaica: United Nations Caribbean Environment Programme. (3) Sammy, D., S. Eckert, S. Poon, Grande Riviere Environmental Trust, Grande Riviere Nature Tour Guide Association, T. Boodoo, T. Clovis, H. Yeates, and P. Turpin. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.
Nesting Beaches: Cambleton, Fishing Pond, Grafton Beach (Stone Haven Bay), Grand Riviere, Hermitage, L'Anse Fourmi Beach, Manzanilla Beach–Cocos Bay, Pirate's Bay (Charlottesville), Rocky Point (Mt. Irvine Back Bay), and Turtle Beach (Great Courland Bay) **Years:** Years spanning 1997–2007 **Counts:** 1–25 crawls at each beach
Nesting Beaches: Big Bay, Bloody Bay, Buccoo Bay, Celery Bay, Kilygwyn Bay, Man O War, Mayaro Bay, Moruga, Parlatuvier Beach (Erasmus Cove), and Sans Souci **Years:** Years spanning 1997–2007 **Count:** Unquantified
SWOT Contacts: Thakoorie Boodoo, Tonya Clovis, Scott Eckert, Grande Riviere Environmental Trust, Grande Riviere Nature Tour Guide Association, Stephen Poon, Dennis Sammy, Pat Turpin, and Heather Yeates

TURKEY

DATA RECORD 183

Data Source: Casale, P., G. Abbate, D. Freggi, N. Conte, M. Oliverio, et al. 2008. Foraging ecology of loggerhead sea turtles *Caretta caretta* in the central Mediterranean Sea: Evidence for a relaxed life history model. *Marine Ecology Progress Series* 372: 265–276.
Nesting Beach: Sugozu **Year:** 2008 **Count:** 213 clutches
DATA RECORD 184
Data Source: Turkozan, O., and Y. Kaska. Turkey. In Casale, P., and D. Margaritoulis, eds. 2010. *Sea Turtles in the Mediterranean: Distribution Threats and Conservation Priorities*. Gland, Switzerland: IUCN.
Nesting Beaches: Akyatan, Alata, Kazanli, and Samandag **Year:** 2006 **Counts:** 562, 198, 385, and 440, respectively

TURKS AND CAICOS ISLANDS

DATA RECORD 185

Data Source: Garland-Campbell, J., and L. Slade. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Long Bay (East Caicos), Gibbs Cay, and Big Sand Cay **Years:** 2005, 2005, and 2004, respectively
Counts: 1–25 crawls at each beach
SWOT Contact: Judith Garland-Campbell and Lorna Slade

TUVALU

DATA RECORD 186

Data Sources: (1) Alefaio, S., T. Alefaio, and A. Resture. 2006. *Turtle Monitoring on Funafuti, Tuvalu December 4th–14th 2006. Report of Survey administered by the Institute of Marine Resources, the University of the South Pacific, Suva, Fiji.* Unpublished report. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.
Nesting Beach: Funafuti **Year:** 2006 **Count:** 1–10 nesting females
SWOT Contact: Kim Maison and Irene Kinan-Kelly

UNITED STATES

DATA RECORD 187

Data Source: Addison, D. 2011. Green turtle nesting on Keewaydin Island, Florida: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beach: Keewaydin Island, Florida **Year:** 2009
Count: 15 clutches
SWOT Contact: David Addison

DATA RECORD 188

Data Source: Dutton, P. H., G. H. Balazs, R. A. LeRoux, S. K. K. Murakawa, P. Zarate, et al. 2008. Composition of Hawaiian green turtle foraging aggregations: mtDNA evidence for a distinct regional population. *Endangered Species Research* 5: 37–44.
Nesting Beach: French Frigate Shoals, Hawaii **Year:** 2005
Count: 560 clutches

DATA RECORD 189

Data Sources: (1) National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1998. *Recovery Plan for U.S. Pacific Populations of the Green Turtle (Chelonia mydas)*. Silver Spring, Maryland: National Marine Fisheries Service. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.

Nesting Beaches: Jarvis Island and Palmyra Atoll, both in Pacific Remote Island Area of Hawaii **Years:** 1930 and 1987, respectively
Count: Unquantified
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

DATA RECORD 190

Data Sources: (1) National Oceanic and Atmospheric Administration Pacific Islands Fisheries Science Center. 2010. Unpublished data. (2) Maison, K., I. Kinan-Kelly, and K. P. Frutchey, 2010. See complete citation in Data Record 1.
Nesting Beaches: Kauai, Lanai, Laysan, Lisianski, Maui, Molokai, and Oahu, Hawaii **Year:** 2010 **Counts:** 1–10 nesting females at each beach
SWOT Contacts: Kim Maison and Irene Kinan-Kelly

DATA RECORD 191

Data Source: Florida Fish and Wildlife Conservation Commission, Fish and Wildlife Research Institute. 2011. Green turtle nesting in Florida, USA: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beaches: Beaches in the counties of Bay, Brevard, Broward, Charlotte, Collier, Duval, Escambia, Flagler, Franklin, Gulf, Hillsborough, Indian River, Lee, Manatee, Martin, Miami-Dade, Monroe, Nassau, Okaloosa, Palm Beach, Pinellas, Santa Rosa, Sarasota, St. Johns, St. Lucie, Volusia, and Walton, Florida **Year:** 2008 **Counts:** 0, 4, 169, 276, 3, 1, 1, 1, 35, 2, 9, 0, 609, 5, 0, 1, 111, 0, 16, 0, 7, 2, 272, 0, 0, 7, 19, 297, 381, and 7 clutch(es), respectively
SWOT Contact: Anne Meylan

DATA RECORD 192

Data Source: Shaver, D. 2011. Green turtle nesting at South Padre Island and North Padre Island: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: North Padre Island and South Padre Island, Texas **Years:** 2010 and 2008, respectively **Counts:** 5 clutches and 1–25 clutches, respectively
SWOT Contact: Donna Shaver

DATA RECORD 193

Data Source: Williams, K. L. M. G. Frick, and J. B. Pfaller. 2006. First report of green, *Chelonia mydas*, and Kemp's ridley, *Lepidochelys kempii*, turtle nesting on Wassaw Island, Georgia, USA. *Marine Turtle Newsletter* 113: 8.
Nesting Beach: Wassaw Island, Georgia **Year:** 2003
Count: 1 clutch

VANUATU

DATA RECORD 194

Data Source: Fletcher, M. 2011. Green turtle nesting in Vanuatu: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beaches: Akamb, 11 beaches on Ambae, 6 beaches on Ambrym, 2 beaches on Aneityum, 2 beaches on Aniwa, 8

beaches on Aore, Araki, 5 beaches on Efate, 2 beaches on Emao, 17 beaches on Epi, 4 beaches on Erromango, 2 beaches on Futuna, 4 beaches on Gaua, 4 beaches on Hiu, Kakula, Lamen Island, Lathu, Leumanag, 3 beaches on Linua, Loh, 16 beaches on Malekula, Malheunvol, 10 beaches on Malo, 5 beaches on Mavea, 2 beaches on Moso, Mota Lava, Mystery Island, Nguna, Pele, 5 beaches on Pentecost, Rano, 19 beaches on Santo, 7 beaches on Tanna, 4 beaches on Tegua, 2 beaches on Thion, 2 beaches on Toga, Vanua Lava, and Varo **Year:** 2007 **Counts:** Counts range from 1 to 7 clutches at each beach, some unquantified
SWOT Contact: Michelle Fletcher

DATA RECORD 195

Data Source: Petro, G., Wan Smolbag. 2011. Green turtle nesting in Vanuatu: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).
Nesting Beach: Bamboo Bay, Malacula Island **Year:** 2006
Count: 28 nesting females
SWOT Contact: George Petro

VENEZUELA

DATA RECORD 196

Data Sources: (1) Buitrago, J., and H. J. Guada. 2002. La tortuga Carey (*Eretmochelys imbricata*) en Venezuela. *INTERCIENCIA* 27(8): 392–399. (2) de los Llanos, V. 2002. *Evaluación de la Situación de las Poblaciones de Tortugas Marinas en el Parque Nacional Archipiélago Los Roques*. Venezuela: Universidad Central de Venezuela. Unpublished report. (3) Guada, H. J. 2000. *Áreas de Anidación e Impactos Hacia las Tortugas Marinas en la Península de Paría y Lineamientos de Protección*. Sartenejas, Venezuela: Universidad Simón Bolívar. Master's thesis.

(4) Quijada, A., and C. Balladares. Conservación de las tortugas marinas en el Golfo de Paría. In Babarro, R., A. Sanz, and B. Mora, eds. 2004. *Tortugas Marinas en Venezuela: Acciones Para Su Conservación*. Caracas, Venezuela: Oficina Nacional de Diversidad Biológica, Fondo Editorial Fundambiente Caracas.

(5) Guada, H. J., and G. Solé. 2000. *Plan de Acción para la Recuperación de las Tortugas Marinas de Venezuela*. Informe técnico del PAC No. 39. Technical report. (6) Provita. 2004. Programa Procosta: Proyecto Integral de Conservación y Desarrollo (PICD-Costa) Barlovento. In Babarro, R., A. Sanz, and B. Mora, eds. 2004. *Tortugas Marinas en Venezuela: Acciones Para Su Conservación*. Caracas, Venezuela: Oficina Nacional de Diversidad Biológica, Fondo Editorial Fundambiente Caracas.

(7) Gallardo, A. 2007. *Importancia de las Playas del Este del Estado Vargas Para la Anidación de las Tortugas Marinas*. Caracas, Venezuela: Universidad Central de Venezuela. Unpublished report. (8) Pritchard, P. C. H., and P. Trebbau. 1984. *The Turtles of Venezuela*. Oxford, Ohio: Society for the Study of Amphibians and Reptiles. (9) Guada, H., and V. Vera. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.
Nesting Beaches: Refugio de Fauna Silvestre Isla de Aves
Year: Years spanning 1994–2006 **Count:** 1,000–5,000 crawls
Nesting Beaches: Southeast extreme of Parque Nacional Península de Paría, La Orchila, Macurito, Mapurite, other beaches on the southeast of Península de Paría, beaches of Parque Nacional Archipiélago Los Roques, beaches of Parque Nacional Laguna de Tacarigua, various beaches in Miranda State
Years: 1994–2006 **Counts:** 1–25 crawls at each beach
Nesting Beaches: Cangua, El Guamo, La Blanquilla, La Sabana, La Tortuga, Los Testigos Archipiélago, Parque Nacional Mochima, Península de Paraguana, Puy Puy, San Juan de las Galdonas, and various beaches in Vargas State **Years:** 1994–2006
Count: Unquantified
SWOT Contacts: Clemente Balladares, Juan Carlos Figuera, Alejandro Gallardo, Diego Giraldo, Hedelvy Guada, Kelvin García Sanabria, Genaro Solé, Vincent Vera, and Fundación Científica Los Roques

VIETNAM

DATA RECORD 197

Data Source: Hamann, M., C. The Cuong, N. Duy Hong, P. Thuoc, and B. Thi Thuhien. 2006. Distribution and abundance of marine turtles in the Socialist Republic of Viet Nam. *Biodiversity and Conservation* 15: 3703–3720.

Nesting Beaches: Gulf of Thailand and Con Dao **Years:** 2002 and 2001, respectively **Counts:** 1–25 clutches and 290 nesting females, respectively

Nesting Beaches: Spratly Archipelago; Minh Chau and Quan Lam Islands (Gulf of Tonkin); and Nui Chua and Ninh Thuan **Year:** 2006 **Count:** Unquantified
SWOT Contact: Mark Hamann

DATA RECORD 198

Data Source: Hien, T. M. The status of marine turtle conservation in Vietnam. In Kinan, I., ed. 2002. *Proceedings of the Western Pacific Sea Turtle Cooperative Research and Management Workshop*. February 5–8, 2002, Honolulu, Hawaii: Western Pacific Regional Fishery Management Council.

Nesting Beaches: Beaches of Ba Ria Vung Tau Province, Binh Dinh Province, Ca Mau Province, Khanh Hoa Province, Kien Giang Province, Phu Quoc Island, and Thanh Hoa Province
Year: 2002 **Count:** Unquantified

VIRGIN ISLANDS (BRITISH)

DATA RECORD 199

Data Sources: (1) Eckert, K. L., J. A. Overing, and B. B. Lettsome. 1992. *WIDECAST Sea Turtle Recovery Action Plan for the British Virgin Islands*. CEP Technical Report No. 15. Kingston, Jamaica: UNEP Caribbean Environmental Programme. (2) Lettsome, B., M. Hastings, and S. Gore. Personal communication. In Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4.

Nesting Beaches: Various beaches on Guana Island, Little Jost Van Dyke Island, Little Camanoe Island, Tortola Island, Prickly Pear Island, Virgin Gorda Island, and Anegada Island

Years: 1991 and 1992 **Counts:** 1–25 clutches at each beach
Nesting Beaches: Guana Island: North Beach and Dig-a-Low Beach; Little Jost Van Dyke Island: Crawl Beach; Little Camanoe Island: East End–South Bay; Tortola Island: Halfmoon Bay, Sophie Bay, and Smuggler's Cove; Prickly Pear Island: Optunia Point; Virgin Gorda Island: Oil Nut Bay and Bercher's Bay; Anegada Island: Capoon's Bay, East Point, Loblolly Bay, West End, and Windlass **Years:** 1991 and 1992 **Count:** Unquantified

SWOT Contacts: Bertrand Lettsome, Mervin Hastings, and Shannon Gore

VIRGIN ISLANDS (UNITED STATES)

DATA RECORD 200

Data Source: Buck Island Sea Turtle Research Program, National Park Service. 2011. Green turtle nesting at Buck Island Reef National Monument, St. Croix, U.S. Virgin Islands: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Nesting Beach: Buck Island Reef National Monument
Year: 2007 **Count:** 12 nesting females
SWOT Contact: Ian Lundgren

DATA RECORD 201

Data Sources: (1) Dow, W. E., and K. L. Eckert. 2007. See complete citation in Data Record 4. (2) Mackay, A. L. 2006. *Sea Turtle Monitoring Program at the East End Beaches of St. Croix, U.S. Virgin Islands, 2006*. St. Croix, U.S. Virgin Islands: WIMARCS.

Nesting Beaches: Good Hope, Halfpenny, Pelican Cove, Second Target, Sprat Hall, and Stony Ground **Year:** 2006 **Counts:** 1–25 crawls at each beach

Nesting Beaches: Coakley Bay, Manchenil, Prune Bay, and Southgate Pond **Year:** 2006 **Counts:** 25–100 crawls at each beach

Nesting Beaches: East End Bay, Isaac's Bay, and Jack's Bay **Year:** 2006 **Counts:** 100–500 crawls at each beach
SWOT Contacts: Steve Garner and U.S. Virgin Islands Department of Fish and Wildlife

YEMEN

DATA RECORD 202

Data Source: Seminoff, J. A., B. A. Schroeder, S. MacPherson, E. Possardt, and K. Bibb. 2007. See complete citation in Data Record 45.

Nesting Beach: Sharma **Year:** 1999 **Count:** 15 nesting females

GREEN TURTLE TELEMETRY DATA CITATIONS

ATLANTIC OCEAN

Data Sources: (1) Blumenthal, J. M., J. L. Solomon, C. D. Bell, T. J. Austin, G. Ebanks-Petrie, et al. 2006. Satellite tracking highlights the need for international cooperation in marine turtle management. *Endangered Species Research* 2: 51–61.

(2) Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7. (3) Read, A. J., P. N. Halpin, L. B. Crowder, B. D. Best, and E. Fujioka, eds. 2010. OBIS-SEAMAP: Mapping Marine Mammals, Birds and Turtles. <http://seamap.env.duke.edu>. Accessed December 2010.

Metadata: Nine tracks from the Cayman Islands from tags deployed between 2003 and 2006.

SWOT Contact: Janice Blumenthal

Data Source: Godley, B. J., C. Barbosa, M. Bruford, A. C. Broderick, P. Catry, et al. 2010. Unravelling migratory connectivity in marine turtles using multiple methods. *Journal of Applied Ecology* 47: 769–778.

Metadata: Four tracks of post-nesting females in Guinea-Bissau; tags were deployed in 2001 and 2002.

SWOT Contact: Annette Broderick

Data Sources: (1) Regional Program for Sea Turtle Research and Conservation of Argentina, and V. Carman. 2011. Green turtle satellite tracks in Argentina: Personal communication. In *SWOT*

Report—*The State of the World's Sea Turtles*, vol. 6 (2011).

(2) Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7. **(3)** Read, A. J., P. N. Halpin, L. B. Crowder, B. D. Best, and E. Fujioka, eds. 2010. OBIS-SEAMAP: Mapping Marine Mammals, Birds and Turtles. <http://seamap.env.duke.edu>. Accessed December 2010.

Metadata: Three tracks are from Argentina from tags deployed in 2008 and 2009.

SWOT Contact: Victoria Carman

Data Source: Delcroix, E. 2007. Marine Turtles in Guadeloupe 2006–07: Green Turtles. Project sponsored by the Association Kap'Natirel and DIREN-Guadeloupe. Funded by TOTAL Foundation for Biodiversity and the Ocean, TOTAL Guadeloupe, SARA, Fondation Nature et Découvertes, Conseil Régional de la Guadeloupe, and Petite-Terre Nature Reserve.

Metadata: Four tracks of post-nesting females in Guadeloupe; three tags were deployed in 2006 and one in 2007; location class Z removed.

SWOT Contact: Eric Delcroix

Data Sources: **(1)** Luschi, P., G. C. Hays, C. Del Seppia, R. Marsh, and F. Papi. 1998. The navigational feats of green sea turtles migrating from Ascension Island investigated by satellite telemetry. *Proceedings of the Royal Society of London B* (1998) 265: 2279–2284. **(2)** Papi, F., P. Luschi, S. Akesson, S. Capogrossi, and G. C. Hays. 2000. Open-sea migration of magnetically disturbed sea turtles. *Journal of Experimental Biology* 203: 3435–3443.

Metadata: Fifteen tracks of post-nesting females on Ascension Island; satellite tags deployed in 1997 and 1998.

SWOT Contact: Paolo Luschi

Data Sources: **(1)** McClellan, C., and A. Read. *Duke Marine Lab Sea Turtle Tagging Along North Carolina Coast, 2002–2007*.

(2) Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7. **(3)** Read, A. J., P. N. Halpin, L. B. Crowder, B. D. Best, and E. Fujioka, eds. 2010. OBIS-SEAMAP: Mapping Marine Mammals, Birds and Turtles. <http://seamap.env.duke.edu>. Accessed December 2010.

Metadata: Fourteen tracks of turtles were tracked off the U.S. coast. These are a subset of a larger set of tracks that includes green, loggerhead, and Kemp's ridley turtles.

SWOT Contact: Catherine McClellan

INDIAN OCEAN

Data Sources: **(1)** Girard, C., J. Sudre, S. Benhamou, D. Roos, and P. Luschi. 2006. Homing in green turtles *Chelonia mydas*: Oceanic currents act as a constraint rather than as an information source. *Marine Ecology Progress Series* 322: 281–289. **(2)** Luschi, P., S. Benhamou, C. Girard, S. Ciccione, D. Roos, et al. 2007. Marine turtles use geomagnetic cues during open-sea homing. *Current Biology* 17: 126–133. **(3)** Benhamou, S. Green turtle satellite tracks in the Indian Ocean: Personal communication. 2011. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Metadata: Three tracks from Europa, deployed as part of homing studies in 2003, with some post-nesting satellite fixes continuing into 2004. Eighteen tracks from Mayotte, deployed for homing studies in 2004 and 2005, with some post-nesting satellite fixes continuing into 2005. Locations have been filtered.

SWOT Contact: Simon Benhamou

Data Sources: **(1)** Rees, A. F., M. Jony, D. Margaritoulis, B. J. Godley, and ARCHELON, with support of the British Chelonia Group. 2008. Satellite tracking of a green turtle, *Chelonia mydas*, from Syria further highlights importance of North Africa for Mediterranean turtles. *Zoology in the Middle East* 45: 49–54. **(2)** Alan F. Rees and Nancy Papathanasopoulou with support of TOTAL Corporation—Foundation for Biodiversity and the Sea; and TOTAL SA: Muscat Branch. Unpublished data.

Metadata: Two tracks from Masirah, Oman, reported as daily filtered satellite fixes. One track from Syria, filtered but not interpolated.

SWOT Contact: Alan Rees

Data Sources: **(1)** Richardson, P. B., M. C. Calosso, J. Claydon, W. Cleveaux, B. J. Godley, et al. 2010. Suzie the green turtle: 6,000 kilometres for one clutch of eggs? *Marine Turtle Newsletter* 127: 26–27. **(2)** Richardson, P. B., A. C. Broderick, M. S. Coyne, L. Ekanayake, T. Kapurusinghe, C. Premakumara, S. Ranger, M. M. Saman, M. J. Witt, and B. J. Godley. In prep. Satellite tracking suggests size-related differences in migratory behaviour of female green turtles.

Metadata: One track from the Turks and Caicos Islands (filtered satellite data from 2009–2010), and 10 tracks from Sri Lanka (filtered satellite data from 2006–2007).

SWOT Contact: Peter Richardson

MEDITERRANEAN SEA

Data Source: Broderick, A. C., M. S. Coyne, W. J. Fuller, F. Glen, and B. J. Godley. 2007. Fidelity and overwintering of sea turtles. *Proceedings of the Royal Society B* (2007) 274: 1533–1538.

Metadata: Thirteen tracks from Cyprus; satellite fixes from 1998 to 2004.

SWOT Contact: Annette Broderick

PACIFIC OCEAN (EAST)

Data Sources: **(1)** Amorcho, D. 2010. Green turtle movements at Gorgona National Park. Colombian Pacific Sea Turtle Tracking Project. Gorgona, Colombia: CIMAD—National Parks Administrative Unit—CI-Colombia. Unpublished report.

(2) Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7.

Metadata: Six tracks followed from Gorgona National Park during CIMAD's 2009–2010 Colombian Pacific Satellite Tracking Project.

SWOT Contact: Diego Amorcho

Data Sources: **(1)** Madrigal, J., and the Cocos Islands Monitoring and Research Project. 2011. Green turtle satellite tracking near Cocos Island: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). **(2)** Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7.

Metadata: Seven filtered tracks of green turtles (four sub-adults and three adults) released from Cocos Island in 2009.

SWOT Contact: Jeffery Madrigal

Data Sources: **(1)** Nichols, W. J. 2003. *Biology and Conservation of Sea Turtles in Baja California, Mexico*. Tucson, Arizona: University of Arizona. Doctoral dissertation. **(2)** Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7.

Metadata: Nine tracks from Mexico with satellite fixes spanning 1997 to 2001; locations are filtered.

SWOT Contact: Wallace J. Nichols

Data Sources: **(1)** Seminoff, J. 2011. Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). **(2)** Dutton, P., and M. Donoso. 2011. Unpublished data from 2004: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011). **(3)** Seminoff, J., and T. T. Jones. 2011. Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Metadata: Thirteen tracks from the Galapagos Islands, Ecuador; four in 2003 and nine in 2005 (Seminoff 2011). Four tracks from the Gulf of California, Mexico (three from Seminoff 2011, one from Seminoff and Jones 2011). Seven tracks from San Diego Bay, California (Seminoff 2011). Three tracks from Chile in 2004 (Dutton and Donoso 2011). Location class Z locations were removed.

SWOT Contact: Jeffrey Seminoff

PACIFIC OCEAN (WEST) AND SOUTHEAST ASIA

Data Source: Cheng, I-J. Green turtle satellite tracking data from Taiwan: Personal communication. 2011. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Metadata: Ten tracks from Wan-an Island, Penghu Archipelago, between 1998 and 2009. Six tracks from Taipin Tao, Nansha Archipelago, between 2000 and 2003. Two tracks from Lanyu Island in 1997 and 1999.

SWOT Contact: I-Jiunn Cheng

Data Source: Hamann, M. 2011. Green turtle tracking in the north Great Barrier Reef: Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Metadata: Thirteen tracks of breeding and foraging adult females and one track from an adult male during courtship; tracking start dates range from 2005 to 2009. Satellite fixes have been filtered and include locations from migration, inter-nesting, and foraging. Six tracks include two-way migrations.

SWOT Contact: Mark Hamann

Data Source: Hatase, H., K. Sato, M. Yamaguchi, K. Takahashi, and K. Tsukamoto. 2006. Individual variation in feeding habitat use by adult female green sea turtles (*Chelonia mydas*): Are they obligately neritic herbivores? *Oecologia* 149: 52–64.

Metadata: Four tracks of post-nesting adult females at Ogasawara Islands, Japan. All locations, except for the locations that required a high speed of travel (>7.2 kilometers per hour, or 4.3 miles per hour), were used for route reconstruction.

SWOT Contact: Hideo Hatase

Data Source: Luschi, P., F. Papi, H. C. Liew, E. H. Chan, and F. Bonadonna. 1996. Long-distance migration and homing after displacement in the green turtle (*Chelonia mydas*): A satellite tracking study. *Journal of Comparative Physiology* 178: 447–452.

Metadata: Five tracks of post-nesting females in Malaysia; satellite fixes from 1993 to 1994.

SWOT Contact: Paolo Luschi

Data Sources: **(1)** Marine Research Foundation—Marine Turtle Programme, and N. Pilcher. Personal communication. 2011. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

(2) Coyne, M. S., and B. J. Godley. 2005. Satellite Tracking and Analysis Tool (STAT): An integrated system for archiving, analyzing and mapping animal tracking data. *Marine Ecology Progress Series* 301: 1–7. **(3)** Read, A. J., P. N. Halpin, L. B. Crowder, B. D. Best, and E. Fujioka, eds. 2010. OBIS-SEAMAP: Mapping Marine Mammals, Birds and Turtles. <http://seamap.env.duke.edu>. Accessed December 2010. **(4)** Pilcher, N. 2011. Personal communication. In *SWOT Report—The State of the World's Sea Turtles*, vol. 6 (2011).

Metadata: Seven tracks, with satellite fixes spanning 2006 to 2009, that are part of a broad marine turtle research and conservation initiative in Vietnam undertaken by WWF Greater Mekong's Vietnam Marine Programme in partnership with IUCN Vietnam, TRAFFIC Indochina, and the Ministry of Fisheries, and with full cooperation from Con Dao National Park. Location class Z and lower were removed. Six tracks from the Maldives with satellite fixes spanning 2002 to 2005. Location class Z and lower were removed.

SWOT Contact: Nicolas Pilcher

Data Sources: **(1)** Shiba, N., N. Arai, W. Sakamoto, T. Wannakiat, and C. Mickmin. 2001. The relationship between shrimp trawl fishing grounds and adult female green turtles in the Gulf of Thailand. *Proceedings of the Second SEASTAR2000 Workshop*. Kyoto: Graduate School of Informatics, Kyoto University. **(2)** Yasuda, T., H. Tanaka, K. Kittiwattanawong, H. Mitamura, W. Klom-In, et al. 2006. Do female green turtles exhibit reproductive seasonality in a year-round nesting rookery? *Journal of Zoology* 269: 451–457.

Metadata: Twenty-four tracks from the Gulf of Thailand and Andaman Sea; turtles were tagged in 2000 and 2001. Of those, 23 were adult females, and 1 was a juvenile.

SWOT Contacts: Tohya Yasuda and Nobuaki Arai

GREEN TURTLE GENETIC STOCK CITATIONS

Genetic stock information for the map on pages 32–33 was derived from Wallace et al. 2010, which cites many data sources. Complete citations are available in Wallace et al. 2010 and in the SWOT database and map viewer at <http://seamap.env.duke.edu/swot>.

Wallace, B. P., A. D. DiMatteo, B. J. Hurlley, E. M. Finkbeiner, A. B. Bolten, et al. 2010. Regional management units for marine turtles: A novel framework for prioritizing conservation and research across multiple scales. *PLoS ONE* 5(12): e15465.

NESTING MAP: DATA CONVERSIONS AND CITATIONS

In the green turtle nesting map (pages 30–31), we present abundance data in number of clutches. We converted data that were reported in number of crawls using nesting success estimates (i.e., number of crawls that result in successful clutches). Conversions used were: 49% for East Atlantic Ocean¹; 66% for Australia²; 77% for West Indian Ocean³; global average 64%. Similarly, we converted data that were reported as number of nesting females using observed or estimated clutches per female. Conversions used were: 5.6 for Australia⁴; 3.0 for West Indian Ocean⁵; 3.0 for Mediterranean Sea⁵; 3.1 for East Pacific Ocean⁶; 4.0 for West Pacific Ocean⁶; 3.0 for Wider Caribbean Region⁶; global average: 3.6.

1. Tomas, J., J. Castroviejo, and J. A. Raga. 1999. Sea turtles in the South of Bioko Island (Equatorial Guinea). *Marine Turtle Newsletter* 84:4–6
2. Limpus, C. J., J. D. Miller, C. J. Parmenter, and D. J. Limpus. 2003. The Green Turtle, *Chelonia mydas*, population of Raine Island and the Northern Great Barrier Reef: 1843–2001. *Memoirs of the Queensland Museum* 49(1):349–440.
3. Bourjea, J., S. Ciccione, J. Frappier, G. Hughes, H. Grizel et al. 2007. Mayotte Island: Another important green turtle nesting site in the South West Indian Ocean. *Endangered Species Research* 3: 273–282.
4. Limpus, C. J. 2008. A Biological Review of Australian Marine Turtles. Brisbane: Queensland Environmental Protection Agency.
5. Broderick, A. C., F. Glen, B. J. Godley, and G. C. Hays. 2002. Estimating the number of green and loggerhead turtles nesting annually in the Mediterranean. *Oryx* 36(03): 227–235.
6. Van Buskirk, J., and L. B. Crowder. 1994. Life-history variation in marine turtles. *Copeia* 1994: 66–81.