

# SWOT Data Contributors

## AFRICA

We are grateful to all who generously contributed their sea turtle data for inclusion in the maps on pages 24–29. We are especially grateful to the following individuals who went above and beyond to help coordinate and facilitate data contributions: Jérôme Bourjea, Mayeul Dalleau, Alexandre Girard, Marc Girondot, Shaya Honarvar, and Jeanne Mortimer. We simply could not have done this without you—thank you.

## GUIDELINES OF DATA USE AND CITATION

The data that follow correspond directly to the maps on pages 24–29. In the case of nesting data included in the maps on pages 24–25 and 28–29, every data record is numbered to correspond with its respective point on the map. To use data for research or publication, you must obtain permission from the data provider(s).

# Nesting Data Citations

## DEFINITIONS OF TERMS

**Clutches:** A count of the number of nests of eggs laid by females during the monitoring period. **Crawl:** A female turtle's emergence onto the beach to nest. Such counts may include false crawls. **Nesting females:** A count of nesting female turtles observed during the monitoring period. **Year:** The year in which a given nesting season ended (e.g., data collected between late 2015 and early 2016 are listed as year 2016).

Nesting data are reported here from the most recent available nesting season. Beaches for which count data are not available are listed as "unquantified." A reported count of "N/A" indicates no data were reported for that species at the respective site. Additional metadata are available for many of the data records and may be found online at <http://seamap.env.duke.edu/swot>.

## ANGOLA

### DATA RECORD 1

**Data Source:** (1) Brian, C. 2007. Sea turtle nesting in Angola: Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. II (2007). (2) Carr, T., and N. Carr. 1991. Surveys of the sea turtles of Angola. *Biological Conservation* 58 (1): 19–29.

**Nesting Beaches:** Luanda (north) to Rio Longa (south)  
**Years:** 2004 (*Dermochelys coriacea*) and 1985 (*Lepidochelys olivacea*)  
**Species and Counts:** *Dermochelys coriacea*—108 clutches; *Lepidochelys olivacea*—100 clutches  
**SWOT Contact:** Conrad Brian

### DATA RECORD 2

**Data Source:** Carr, T., and N. Carr. 1991. Surveys of the sea turtles of Angola. *Biological Conservation* 58 (1): 19–29.

**Nesting Beach:** Cabinda Province  
**Year:** 1983  
**Species and Count:** *Lepidochelys olivacea*—5 clutches

**DATA RECORD 3**  
**Data Source:** Ron, T. 2006. Leatherback nesting in Angola. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. I (2006).

**Nesting Beaches:** Beaches along the coast of the Cabinda Province in the north to Baía Farta  
**Year:** 2002  
**Species and Count:** *Dermochelys coriacea*—unquantified  
**SWOT Contact:** Tamar Ron

**DATA RECORD 4**  
**Data Source:** Weir, C. R., T. Ron, 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): 224–31.

**Nesting Beaches:** Benguela Province; Namibe Province; Palmerinhas

**Years:** 2006, 2003, and 2005, respectively

**Species and Counts:** *Lepidochelys olivacea*—unquantified; *Chelonia mydas*—unquantified; *Dermochelys coriacea*—4 clutches, and *Lepidochelys olivacea*—120 clutches, respectively.

**SWOT Contact:** Tamar Ron

**DATA RECORD 5**

**Data Source:** Wildlife Conservation Society and Angola Liquid Natural Gas. 2009. *Marine Turtle Research and Conservation in the Sereia Peninsula, Angola: End of Season Report*, June 2009. Unpublished report.

**Nesting Beaches:** Sereia Peninsula from Ponta do Padrão to Sereia Beach

**Year:** 2008  
**Species and Count:** *Lepidochelys olivacea*—181 clutches

**BENIN**  
**DATA RECORD 6**  
**Data Source:** Dossou-Bodjrenou, J. S., and A. Tehou. 2002. The status of efforts to protect

Atlantic sea turtles in Benin (West Africa). In A. Mosier, A. Foley, and B. Brost (eds.), *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFC-477. Miami, FL: NOAA.

**Nesting Beaches:** Djebagdi; Grand-Popo; Hill-Conji; Somo; Togbin  
**Year:** 1998  
**Species and Counts:** *Dermochelys coriacea*—unquantified

**DATA RECORD 7**  
**Data Source:** Fretey, J. 2001. Biogeography and conservation of marine turtles of the Atlantic Coast of Africa. *CMS Technical Series*, no. 6. United Nations Environment Programme/Convention on the Conservation of Migratory Species of Wild Animals Secretariat, Bonn, Germany.

**Nesting Beaches:** Beaches of Benin  
**Species and Counts:** *Lepidochelys olivacea*—unquantified

**DATA RECORD 8**  
**Data Source:** Nature Tropicale. 2006. Rapport d'activités n°0010/PTM/NT: Suivi écologique et protection des tortues marines sur le littoral du Benin (2005–2006).

**Nesting Beaches:** Avlo Embouchure and Gbecon (Grand-Popo)

**Year:** 2008, 2008, 2008, 2009, and 2009, respectively  
**Species and Counts:** *Caretta caretta*—8 nesting females and 17 clutches, respectively

**SWOT Contact:** Joséa S. Dossou-Bodjrenou

**CAMEROON**

**DATA RECORD 9**

**Data Source:** Kudu Project—Cameroun component (Kudu à Tubé), A. Ayissi, H. Angoni, and J. Fretey. 2017. Sea turtle nesting in Cameroon: Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. XII (2017).

**Nesting Beaches:** Bekolobé; Boussibéliká; Ebodjé; Eboudja; Elombo; Ipeyendjé; Lolabé; Mbenddjé; Nlendé

**Years:** 2014 for all except Lolabé, which is 2013  
**Species and Counts:** *Chelonia mydas*—1 clutch at Ebodjé and 2 nests at Ipeyendjé; *Dermochelys coriacea*—2 clutches at Eboudja, 0 at all other beaches; *Lepidochelys olivacea*—5, 4, 1, 5, 0, 3, 5, 6, and 0 clutches, respectively.

**SWOT Contacts:** Isidore Ayissi and Hyacinthe Angoni

**CABO VERDE**

**DATA RECORD 10**

**Data Source:** López-Jurado, L. F., P. Sanz, and E. Abella. 2007. Loggerhead nesting on Boa Vista, República de Cabo Verde. In *SWOT Report—State of the World's Sea Turtles*, vol. II (2007).

**Nesting Beach:** Laiedo Texeira

**Year:** 2005  
**Species and Count:** *Caretta caretta*—5,396 clutches  
**SWOT Contacts:** Elena Abella-Perez, Luis Felipe López-Jurado, and Paula Sanz

**DATA RECORD 11**  
**Data Source:** (1) Loureiro, N. S. 2009. Personal communication. In C. Y. Kot, E. Fujioka, A. DiMatteo, B. Wallace, B. Hutchinson, J. Cleary, P. Halpin, and R. Mast. 2015. The State of the World's Sea Turtles Online Database: Data provided by the SWOT Team and hosted on OBIS-SEAMAP. Oceanic Society, IUCN Marine Turtle Specialist Group (MTSG), and Marine Geospatial Ecology Lab, Duke University.

**Nesting Beaches:** Beaches of Maio Island  
**Year:** 2012  
**Species and Count:** *Caretta caretta*—1,001–5,000 clutches

**DATA RECORD 14**  
**Data Source:** Rocha, P. R., Melo, T., Rebelo, R., and P. Catry. 2015. A significant nesting population of loggerhead turtles at the Nature Reserve of Santa Luzia, Cabo Verde. *Chelonian Conservation and Biology* 14(2): 161–66.

**Nesting Beaches:** Achados Beach, Santa Luzia Island; Francisca Beach, Santa Luzia Island; Palmo Tostão Beach, Santa Luzia Island

**Years:** 2013, 2013, and 2011, respectively  
**Species and Counts:** *Caretta caretta*—286, 277, and 13 clutches, respectively

**DATA RECORD 15**  
**Data Source:** Taylor, H., and J. Cozens. 2010. The effects of tourism, beachfront development and increased light pollution on nesting loggerhead turtles *Caretta caretta* (Linnaeus, 1758) on Sal, Cape Verde islands. *Zoologia Caboverdiana* 1(2): 100–11.

**Nesting Beaches:** Mangue de Montenegro; Ribeira da Prata; Tarrafal; Achada Baleia; Praia Baixa

**Years:** 2008, 2008, 2008, 2009, and 2009, respectively  
**Species and Counts:** *Caretta caretta*—1, 19, 2, 23, and 15 clutches, respectively

**SWOT Contact:** Nuno de Santos Loureiro

**CÔTE D'IVOIRE**

**DATA RECORD 16**

**Data Source:** (1) Bourjea, J., M. Dalleau, S. Derville, F. Beudard, C. Marmox, A. M'Soil, D. Roos, S. Ciccone, and J. Frazier. 2015. Seasonality, abundance, and fifteen-year trend in green turtle nesting activity at Itsamia, Moheli, Comoros. *Endangered Species Research* 27: 265–76.

**(2)** Marco, A., E. Abella, S. Martins, A. Liria-Loza, S. Jiménez-Bordón, M. E. Medina Suarez, C. Oujo Alamo, O. López, and L. F. López-Jurado. 2013. The coast of Cape Verde constitutes the third largest loggerhead nesting population in the world. In J. Blumenthal, A. Panagopoulou, and A. F. Rees (eds.), *Proceedings of the Thirtieth Annual Symposium on Sea Turtle Biology and Conservation*. NOAA Technical Memorandum NMFS-SEFC-640. Miami, FL: NOAA.

**Nesting Beaches:** Itsamia (five beaches)  
**Years:** 2000–2006  
**Species and Count:** *Chelonia mydas*—5,000 estimated clutches per year

**SWOT Contacts:** Dhoihrdine Ahamed Bacar, Anfani M'Soil, Mayeul Dalleau, Claire Jean, Stéphane Ciccone, and Jérôme Bourjea

**DATA RECORD 17**

**Data Source:** (1) Kélonia/Ifremer TORSOOI database. (2) C3/HUPPE. 2010. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. VI (2011).

**Nesting Beaches:** Fomboni-Hoani

**Year:** 2010  
**Species and Count:** *Caretta caretta*—134 clutches  
**SWOT Contacts:** Jérôme Bourjea, Stéphane Ciccone, Chris Poonian, and Claire Jean

**CONGO, REPUBLIC OF THE**

**DATA RECORD 18**

**Data Source:** (1) Bréheret, N., T. Bourget, A. Berry, and A. Girard. 2012. *Rapport d'activité du programme d'étude et conservation des tortues marines au Congo: Saison 2011–2012*. Rénatura.

**(2)** Bréheret, N., A. Berry, J.-G. Mavoungou, and A. Girard. 2013. *Study and Conservation of Sea Turtles Nesting in the Republic of Congo: Season 2012–2013*. Rénatura.

**(3)** Bréheret, N., S. Pourcel, J.-G. Mavoungou, and A. Girard. 2014. *Study and Conservation of Sea Turtles Nesting in the Republic of Congo: Season 2013–2014*. Rénatura.

**Nesting Beach:** Bas-Kouilou Sud  
**Year:** 2013  
**Species and Counts:** *Chelonia mydas*—2 clutches; *Dermochelys coriacea*—11 clutches; *Lepidochelys olivacea*—4 clutches

**SWOT Contact:** Nathalie Bréheret and Jean-Gabriel Mavoungou

**DATA RECORD 19**

**Data Source:** Gómez, J. 2012. Sea turtle nesting in Côte d'Ivoire. Personal communication. In C. Y. Kot, E. Fujioka, A. DiMatteo, B. Wallace, B. Hutchinson, J. Cleary, P. Halpin, and R. Mast. 2015. The State of the World's Sea Turtles Online Database: Data provided by the SWOT Team and hosted on OBIS-SEAMAP. Oceanic Society, IUCN Marine Turtle Specialist Group (MTSG), and Marine Geospatial Ecology Lab, Duke University.

**Nesting Beach:** Beach A; Beach C; Beach E  
**Years:** 2005  
**Species and Counts:** *Dermochelys coriacea* and *Eretmochelys imbricata*, 197 (*Chelonia mydas* and *Lepidochelys olivacea*)

**SWOT Contact:** Gómez Peñate

**DATA RECORD 20**

**Data Source:** (1) Bitsindou, A. 2006. *Rapport d'activité WCS: Volet Recherches Ecologiques, recensement des tortues marines au Parc National de Conkouati-Douli—Saison 2005–2006*. (2) Bal, G., N. Bréheret, and H. Vanleeuwe. 2007. An update on sea turtle conservation activities in the Republic of Congo. *Marine Turtle Newsletter* 116: 9–10.

**Nesting Beach:** Conkouati Lagoon  
**Year:** 2005  
**Species and Counts:** *Lepidochelys olivacea*—302 clutches

**SWOT Contact:** José Gómez Peñate

**DATA RECORD 21**

**Data Source:** Rénatura Congo. 2017. Sea turtle nesting in Republic of the Congo: Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. XII (2017).

**Nesting Beaches:** Pitike; Soublake  
**Years:** 2004 (*Dermochelys coriacea*), 2001 (*Lepidochelys olivacea*)  
**Species and Counts:** *Dermochelys coriacea*—121 and 41 clutches, respectively; *Lepidochelys olivacea*—72 and 50 clutches, respectively

**SWOT Contact:** José Gómez Peñate

**EQUATORIAL GUINEA**

**DATA RECORD 22**

**Data Source:** Mbungu, S., C. Collet, A. Girard, and M. Girondot. 2013. *Nesting Report ACODES 2012*.  
**Nesting Beaches:** Nsiamfumu; Tondé; Banana  
**Year:** 2013  
**Species and Counts:** *Lepidochelys olivacea*—19, 39, and 48 clutches, respectively  
**SWOT Contact:** Alejandro Fallabring

**DATA RECORD 23**

**Data Source:** Formia, A. 1999. Les tortues marines de la baie de Corisco. *Canopée* 14: i–ii.  
**Nesting Beach:** Cabo San Juan  
**Year:** 1999  
**Species and Count:** *Lepidochelys olivacea*—unquantified

**DATA RECORD 24**

**Data Source:** Fretey, J. 1999

#### DATA RECORD 42

**Data Source:** Girard, A., M. C. Gogdenger, A. Gibidi, J. Fretey, A. Billes, D. Roumet, G. Bal, N. Bréhéret, A. Bitsindou, H. Van Leeuwe, B. Verhage, S. Ricos, J. P. Bayé, J. Carvalho, H. Lima, E. Neto, H. Angoni, I. Ayissi, C. Bobeaya, J. Folack, J. R. Ngueguin, and M. Girondot. 2016. Marine turtles nesting activity assessment and trend along the Central African Atlantic Coast for the period of 1999–2008. *International Journal of Marine Science and Ocean Technology* 3(3): 21–32.

**Nesting Beaches:** Pongara; Gamba; Mayumba

**Year:** 2006 **Species and Counts:** *Chelonia mydas*—25, 10, and 20 clutches, respectively;

*Dermochelys coriacea*—6,900, 2860, and

35,000 clutches, respectively; *Eretmochelys imbricata*—5, 10, and N/A clutches,

respectively; *Lepidochelys olivacea*—72, 155, and 2,500 clutches, respectively

**SWOT Contacts:** Alexandre Girard and Marc Girondot

#### DATA RECORD 43

**Data Source:** (1) Mounguénui, G.-A., and B. Verhage. 2007. Update after Five Years of Marine Turtle Monitoring in Gamba, Gabon (2002–2007). Gamba, Gabon: Ibonga ACPE and World Wildlife Fund. (2) Mounguénui, G.-A., and B. Verhage. 2008. *Activités de recherche et de suivi des tortues marines sur les plages de Gamba au Gabon*. Gamba, Gabon: Ibonga ACPE and World Wildlife Fund.

(3) Verhage, B., E. B. Moundjim, and

S. R. Livingstone. 2006. *Four years of Marine Turtle Monitoring in the Gamba Complex of Protected Areas*. Gabon, Central Africa, 2002–2006. Gamba, Gabon: World Wildlife Fund.

**Nesting Beach:** Pont Dick

**Years:** 2004 (*Eretmochelys imbricata*), 2007 (*Lepidochelys olivacea*) **Species and Counts:** *Eretmochelys imbricata*—0 clutches; *Lepidochelys olivacea*—61 clutches

**SWOT Contacts:** Bas Verhage and Aimee Leslie

#### GAMBIA, THE

#### DATA RECORD 44

**Data Source:** Fretey, J. 2001. Biogeography and conservation of marine turtles of the Atlantic Coast of Africa. *CMS Technical Series*, no. 6. United Nations Environment Programme/Convention on the Conservation of Migratory Species of Wild Animals Secretariat, Bonn, Germany.

**Nesting Beaches:** Niumi National Park (Sine-Saloum)

**Species and Count:** *Chelonia mydas*—unquantified

#### GHANA

#### DATA RECORD 45

**Data Source:** (1) Adjei, R., G. Boakye, and S. Adu. 2001. Organisational profile: Ghana Wildlife Society. *Marine Turtle Newsletter* 93: 11–12. (2) Beyer, K., W. Ekau, and J. Blay. 2002. Sea turtle nesting and the effect of predation on the hatching success of the olive ridley (*Lepidochelys olivacea*) on Old Ningó Beach, Ghana, West Africa. In A. Mosier, A. Foley, and B. Brost (compilers), *Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation*, NOAA Technical Memorandum NMFS-SEFC-477. Miami, FL: NOAA.

**Nesting Beach:** Ningó-Prampram

**Year:** 2001 **Species and Counts:** *Dermochelys coriacea*—unquantified

#### DATA RECORD 46

**Data Source:** Agyekumhene, A., and P. Allman. 2016. Sea turtle nesting in Ghana. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. XII (2017).

**Nesting Beach:** Winneba

**Year:** 2015 **Species and Counts:** *Chelonia mydas*—5 clutches; *Dermochelys coriacea*—2 clutches; *Lepidochelys olivacea*—84 clutches

**SWOT Contact:** Andrews Agyekumhene

#### DATA RECORD 47

**Data Source:** Fretey, J. 2001. Biogeography and conservation of marine turtles of the Atlantic Coast of Africa. *CMS Technical Series*, no. 6. United Nations Environment Programme/Convention on the Conservation of Migratory Species of Wild Animals Secretariat, Bonn, Germany.

**Nesting Beaches:** Ada-Foah; Keta-Anloga; Ningó-Prampram

**Species and Counts:** *Lepidochelys olivacea*—unquantified at all sites

#### DATA RECORD 48

**Data Source:** Wildlife Division of the Forestry Commission. 2011. Sea turtle nesting in central region of Ghana. Final annual reports from an ongoing nesting beach survey.

**Nesting Beach:** Warabeba

**Year:** 2011 **Species and Counts:** *Chelonia mydas*—1 clutch; *Dermochelys coriacea*—1 clutch; *Lepidochelys olivacea*—10 clutches

**SWOT Contact:** Andrews Agyekumhene

#### GUINEA

#### DATA RECORD 49

**Data Source:** Fretey, J. 2001. Biogeography and conservation of marine turtles of the Atlantic Coast of Africa. *CMS Technical Series*, no. 6. United Nations Environment Programme/Convention on the Conservation of Migratory Species of Wild Animals Secretariat, Bonn, Germany.

**Nesting Beaches:** Beaches of Ronne Island

**Species and Count:** *Eretmochelys imbricata*—unquantified

#### GUINEA-BISSAU

#### DATA RECORD 50

**Data Source:** Ferreira Airaud, M. B. A. Regalla, and Institute for Biodiversity and Protected Areas of Guinea-Bissau. 2015. Sea turtle nesting in Bijagós Archipelago, Guinea-Bissau. Personal communication. In C. Y. Kot, E. Fujioka, A. DiMatteo, B. Wallace, B. Hutchinson, J. Cleary, P. Halpin, and R. Mast. 2015. The State of the World's Sea Turtles Online Database: Data provided by the SWOT Team and hosted on OBIS-SEAMAP. Oceanic Society, IUCN Marine Turtle Specialist Group (MTSG), and Marine Geospatial Ecology Lab, Duke University. <http://seamap.env.duke.edu/swot>.

**Nesting Beaches:** Bazaruto National Park; Manhica; Milbangala; Quirimbas National Park; Tofo; Xai-Xai

**Year:** 2015 **Species and Counts:** *Chelonia mydas*—208 clutches; *Eretmochelys imbricata*—17 clutches

**SWOT Contacts:** Claire Jean, Stéphane Ciccone, Jérôme Bourjea, Mayeul Dalleau, and Ignace Vandy

#### DATA RECORD 51

**Data Source:** Frontier-Madagascar. 2003. *Artisanal and traditional turtle resource utilisation in South West Madagascar*. Toliara, Madagascar: U.K. Society for Environmental Exploration and Institute of Marine Sciences, University of Toliara.

**Nesting Beaches:** Beaches around Besamby and Maromena

**Year:** 2004 **Species and Counts:** *Caretta caretta*—unquantified

#### DATA RECORD 52

**Data Source:** (1) Gladstone, N. 2007. Loggerhead nesting in Madagascar. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. II (2007).

(2) Gladstone, N., F. Andriantahina, and B. Soafavia. 2003. *Azafady Project Fanomena Final Report*. Unpublished manuscript.

**Nesting Beaches:** Primeiras and Segundas Islands

**Year:** 2004 **Species and Count:** *Chelonia mydas*—unquantified

#### DATA RECORD 53

**Data Source:** (1) Gladstone, N. 2007. Loggerhead nesting in Madagascar. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. II (2007).

(2) Gladstone, N., F. Andriantahina, and B. Soafavia. 2003. *Azafady Project Fanomena Final Report*. Unpublished manuscript.

**Nesting Beaches:** Primeiras and Segundas Islands

**Year:** 2004 **Species and Counts:** *Caretta caretta*—260 clutches

**SWOT Contact:** Nany Gladstone

#### DATA RECORD 54

**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:** Tulear

**Year:** 1999

**Species and Counts:** *Chelonia mydas*—100–500 nesting females

#### DATA RECORD 55

**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: Geneva International Academic Network.

**Nesting Beach:** Barren Isles Archipelago

**Year:** 2005 **Species and Counts:** *Chelonia mydas*—unquantified

#### DATA RECORD 56

**Data Source:** (1) 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*. Athens, Greece: International Sea Turtle Society. (2) Okemwa, G. M., S. Nzuki, and E. M. Muenis. 2004. The status and conservation of sea turtles in Kenya. *Marine Turtle Newsletter* 105: 1–6.

**Nesting Beaches:** Watamu; Mombasa

**Year:** 2000 **Species and Counts:** *Chelonia mydas*—2 and N/A clutches, respectively;

*Lepidochelys olivacea*—4 and 8 clutches, respectively

**SWOT Contact:** Andrews Agyekumhene

#### DATA RECORD 57

**Data Source:** Agyekumhene, A., and P. Allman. 2016. Sea turtle nesting in Ghana. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. XII (2017).

**Nesting Beach:** Winneba

**Year:** 2015 **Species and Counts:** *Chelonia mydas*—5 clutches; *Dermochelys coriacea*—2

clutches; *Lepidochelys olivacea*—84 clutches

**SWOT Contact:** Andrews Agyekumhene

#### DATA RECORD 58

**Data Source:** (1) 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*. Athens, Greece: International Sea Turtle Society. (2) Okemwa, G. M., S. Nzuki, and E. M. Muenis. 2004. The status and conservation of sea turtles in Kenya. *Marine Turtle Newsletter* 105: 1–6.

**Nesting Beaches:** Watamu; Mombasa

**Year:** 1997 **Species and Counts:** *Caretta caretta*—unquantified at both sites

#### DATA RECORD 59

**Data Source:** Plotkin, P. T. 2007. *Olive Ridley Sea Turtle (*Lepidochelys olivacea*) Five-Year Review: Summary and Evaluation*. Jacksonville, FL: National Marine Fisheries Service and U.S. Fish and Wildlife Service.

**Nesting Beaches:** Probable nesting on extreme southern beaches

**Year:** 2007 **Species and Counts:** *Lepidochelys olivacea*—unquantified

#### LIBERIA

#### DATA RECORD 60

**Data Source:** Arvy, C., A. T. Dia, F. Colas, and J. Fretey. 2000. Records of *Caretta caretta* in Mauritania. *Marine Turtle Newsletter* 8: 8.

**Nesting Beaches:** Levrier Bay and Tánit Bay

**Year:** 1997 **Species and Counts:** *Caretta caretta*—unquantified at both sites

#### MOZAMBIQUE

#### DATA RECORD 61

**Data Source:** Fretey, J. 2001. Biogeography and conservation of marine turtles of the Atlantic Coast of Africa. *CMS Technical Series*, no. 6. United Nations Environment Programme/Convention on the Conservation of Migratory Species of Wild Animals Secretariat, Bonn, Germany.

**Nesting Beaches:** Ada-Foah; Keta-Anloga; Ningó-Prampram

**Species and Counts:** *Lepidochelys olivacea*—unquantified at all sites

#### DATA RECORD 54

**Data Source:** Plotkin, P. T. 2007. *Olive Ridley Sea Turtle (*Lepidochelys olivacea*) Five-Year Review: Summary and Evaluation*. Jacksonville, FL: National Marine Fisheries Service and U.S. Fish and Wildlife Service.

**Nesting Beaches:** Paquissico Tchawane Beach and Lemani Beach

**Year:** 2005 **Species and Counts:** *Eretmochelys imbricata*—unquantified at both sites

**SWOT Contact:** Alice Costa

#### MADAGASCAR

#### DATA RECORD 55

**Data Source:** (1) Jean, C., S. Ciccone, J. Bourjea, M. Dalleau, and I. Vandy. 2017. Sea turtle nesting in Iranja Kely, Madagascar. Personal communication. In *SWOT Report—State*

(<http://seamap.env.duke.edu/dataset/1448>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=263](http://www.seaturtle.org/tracking/index.shtml?project_id=263)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Kellie Pendoley

#### SWOT ID: 1452

**Project Title:** Gabon 2007–08: Mayumba, Leatherback Turtles

**Project Partners:** Parc National de Mayumba, Wildlife Conservation Society, Aventures Sans Frontières, Seaturtle.org, and University of Exeter

**Metadata:** 7 adult female *Dermochelys coriacea*; tags deployed in Mayumba National Park, Gabon.

**Data Sources:** (1) Witt, M., A. C. Broderick, M. S. Coyne, A. Formia, S. Nougessono, R. J. Parnell, G. P. Sounguet, and B. J. Godley. 2008. Satellite tracking highlights difficulties in the design of effective protected areas for critically endangered leatherback turtles *Dermochelys coriacea* during the inter-nesting period. *Oryx* 42(2): 296–300. (2) Witt, M. 2016. Gabon 2007–08: Mayumba, Leatherback Turtles. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1452>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=270](http://www.seaturtle.org/tracking/index.shtml?project_id=270)). (3) STAT. (4) SWOT Online Database.

**SWOT Contact:** Matthew Witt

#### SWOT ID: 1454

**Project Title:** Gabon 2008–09: Mayumba and Pongara, Leatherback Turtles

**Project Partners:** Parc National de Mayumba, Wildlife Conservation Society, the Gabon Turtle Partnership, Aventures Sans Frontières, Seaturtle.org, and University of Exeter

**Metadata:** 10 adult female *Dermochelys coriacea*; tags deployed in Pongara National Park (n = 6) and Mayumba National Park (n = 4), Gabon.

**Data Sources:** (1) Witt, M. J., E. A. Bonguno, A. C. Broderick, M. S. Coyne, A. Formia, A. Gibudi, G. A. M. Mounguengui, A. Moussouna, M. NSafou, S. Nougessono, R. J. Parnell, G. P. Sounguet, S. Verhage, and B. J. Godley. 2011. Tracking leatherback turtles from the world's largest rookery: Assessing threats across the South Atlantic. *Proceedings of the Royal Society B* 278: 2338–2347. (2) Witt, M. 2016. Gabon 2008–09: Mayumba and Pongara, Leatherback Turtles. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1454>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=340](http://www.seaturtle.org/tracking/index.shtml?project_id=340)). (3) STAT. (4) SWOT Online Database.

**SWOT Contact:** Matthew Witt

#### SWOT ID: 1456

**Project Title:** Gabon 2009–10: Pongara, Leatherback Turtles

**Project Partners:** University of Exeter, Seaturtle.org, the Gabon Sea Turtle Partnership, Parcs Gabon, and Wildlife Conservation Society

**Metadata:** 2 adult female *Dermochelys coriacea*; tags deployed in Pongara National Park, Gabon.

**Data Sources:** (1) Witt, M. J., E. A. Bonguno, A. C. Broderick, M. S. Coyne, A. Formia, A. Gibudi, G. A. M. Mounguengui, A. Moussouna, M. NSafou, S. Nougessono, R. J. Parnell, G. P. Sounguet, S. Verhage, and B. J. Godley. 2011. Tracking leatherback turtles from the world's largest rookery: Assessing threats across the South Atlantic. *Proceedings of the Royal Society B* 278: 2338–2347. (2) Witt, M. 2016. Gabon 2009–10: Pongara, Leatherback Turtles. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1456>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=466](http://www.seaturtle.org/tracking/index.shtml?project_id=466)). (3) STAT. (4) SWOT Online Database.

**SWOT Contact:** Matthew Witt

#### Project Title: Juvenile loggerheads (1999–2000) tagged in the Canary Islands

**Project Partners:** Universidad de Las Palmas de Gran Canaria and Sociedad Herpetológica Española

**Metadata:** 5 juvenile *Caretta caretta*; tags deployed in the Canary Islands.

**Data Sources:** Universidad de Las Palmas de Gran Canaria and Sociedad Herpetológica Española. 2017. Program number 01602: Proyecto Life B4-3200/97/247 de apoyo a la conservación del delfín mular (*Tursiops truncatus*) y la tortuga común (*Caretta caretta*) en Canarias. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. XII (2017).

**SWOT Contact:** Nuria Varo-Cruz

**Project Title:** Cousin Island Post-nesting Hawksbills

**Metadata:** 5 adult female *Eretmochelys imbricata*; tags deployed in Seychelles, postnesting.

**Data Sources:** Mortimer, J. A., and G. H. Balazs. 1999. Post-nesting migrations of hawksbill turtles in the Granitic Seychelles and implications for conservation. 19th Annual Sea Turtle Symposium, South Padre Island, TX.

**SWOT Contact:** Jeanne Mortimer

**Project Title:** Movements of Late Juvenile Loggerhead Sea Turtles from Réunion Island (COCA LOCA Project)

**Project Partners:** Kélonia and Ifremer

**Metadata:** 22 adult *Caretta caretta*; tags deployed in La Réunion (France).

**Data Sources:** Dalleau, M., L. Hoarau, M. Lalire, P. Gaspar, C. Tardy, S. Jaquemet, J. Bossert, S. Ciccone, and J. Bourjea. 2016. COCA LOCA: Connectivity of Loggerhead Turtle (*Caretta caretta*) in Western Indian Ocean: Implementation of Local and Regional Management. Final Report.

**SWOT Contacts:** Mayeul Dalleau and Jérôme Bourjea

#### SWOT ID: 439

**Project Title:** Leatherback Tracking in South Africa

**Metadata:** 9 *Dermochelys coriacea*; tags deployed in South Africa.

**Data Sources:** (1) Luschi, P., J. R. E. Lutjeharms, P. Lambardi, R. Mencacci, G. R. Hughes, and C. G. Hays. 2006. A review of migratory behaviour of sea turtles off southeastern Africa. *South African Journal of Science* 102: 51–58. (2) Luschi, P., A. Sale, R. Mencacci, G. R. Hughes, J. R. E. Lutjeharms, and F. Papi. 2003. Current transport of leatherback sea turtles (*Dermochelys coriacea*) in the ocean. *Proceedings of the Royal Society B: Biological Sciences* 270 (suppl. 2): 129–132. (3) Lambardi, P., J. R. E. Lutjeharms, R. Mencacci, C. G. Hays, and P. Luschi. 2008. Influence of ocean currents on long-distance movement of leatherback sea turtles in the Southwest Indian Ocean. *Marine Ecology Progress Series* 353: 289–301.

**SWOT Contact:** Paolo Luschi

#### SWOT ID: 496

**Project Title:** Canary Islands—OAG (Observatorio Ambiental Granadilla)

**Project Partners:** Observatorio Ambiental Granadilla, Sociedad para el Estudio de Cetáceos en el Archipiélago Canario, Centro de Gestión de Biodiversidad del Departamento de Biología de la Universidad de Las Palmas de Gran Canaria, Centro de Recuperación de Fauna Silvestre del Cabildo Insular de Gran Canaria

**Metadata:** 19 juvenile *Caretta caretta*; tags deployed in Canary Islands.

**Data Sources:** (1) Machado, A., V. Martín, L. F. López-Jurado, and P. Calabuig. 2016. Canary Islands—OAG. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/496>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=315](http://www.seaturtle.org/tracking/index.shtml?project_id=315)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Antonio Machado

#### SWOT ID: 1003

**Project Title:** Movement Patterns of Nesting Green Turtles in Tanzania

**Project Partners:** Sea Sense

**Metadata:** 4 adult *Chelonia mydas*; tags deployed in Tanzania.

**Data Sources:** (1) West, L. 2016. Movement patterns of nesting green turtles in Tanzania. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1003>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=918](http://www.seaturtle.org/tracking/index.shtml?project_id=918)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Lindsey West

#### SWOT ID: 1014

**Project Title:** Ifremer/Kélonia Satellite-Tracked Late Juvenile Loggerhead Sea Turtles from Réunion Island, 2008–2012

**Project Partners:** Ifremer, CLS, and Kélonia

**Metadata:** 17 juvenile *Caretta caretta*; tags deployed in La Réunion (France).

**Data Source:** Dalleau, M., B. Simon, J. Sudre, S. Ciccone, and J. Bourjea. 2014. The spatial ecology of juvenile loggerhead turtles (*Caretta caretta*) in the Indian Ocean sheds light on the "lost years" mystery. *Marine Biology* 161(8): 1835–1849.

**SWOT Contacts:** Mayeul Dalleau and Jérôme Bourjea

#### SWOT ID: 1024

**Project Title:** Maluane/Zoological Society of London (ZSL) Turtle Conservation Project in Mozambique: Green Turtles

**Project Partners:** Marine Turtle Research Group of University of Exeter, ZSL, and Maluane

**Metadata:** 8 *Chelonia mydas*; tags deployed in Mozambique.

**Data Sources:** (1) Maluane and ZSL Turtle Conservation Project. 2016. Maluane/ZSL Turtle Conservation Project in Mozambique: Green Turtles. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1024>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=204](http://www.seaturtle.org/tracking/index.shtml?project_id=204)). (2) Garnier, J., N. Hill, A. Guissamulo, I. Silva, A. Debney, and B. Godley. 2012. Status and community-based conservation of marine turtles in the northern Querimbas (Mozambique). *Oryx* 46(3): 359–367. (3) STAT. (4) SWOT Online Database.

**SWOT Contacts:** Julie Garnier and Jérôme Bourjea

#### SWOT ID: 1118

**Project Title:** AICM Satellite-Tracked Loggerhead Sea Turtles from Mozambique, 2012, under SWIOPP

**Project Partners:** Associação para Investigação Costeira e Marinha (AICM), Ifremer, and Kélonia

**Metadata:** 3 adult female *Caretta caretta*; tags deployed in Mozambique.

**Data Sources:** (1) Pereira, M. A. M., E. J. S. Videira, P. M. B. Gonçalves, and R. S. Fernandes. 2014. Post-nesting migration of loggerhead turtles (*Caretta caretta*) from Southern Mozambique. *African Sea Turtle Newsletter* 1: 48–51. (2) Videira, E., M. Dalleau, J. Bourjea, and M. Pereira. 2015. AICM satellite-tracked loggerhead sea turtles from Mozambique, 2012, under SWIOPP. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1118>) on 2/12/2017. (3) SWOT Online Database.

**SWOT Contact:** Eduardo Videira, Mayeul Dalleau, Jérôme Bourjea, and Marcos Pereira

#### SWOT ID: 1120

**Project Title:** University of Eldoret Satellite-Tracked Green Sea Turtles from Kenya, 2012, under SWIOPP

**Project Partners:** World Wildlife Fund Kenya, University of Eldoret, Kenya, Ifremer, and Kélonia

**Metadata:** 3 adult female *Chelonia mydas*; tags deployed in Kenya.

**Data Sources:** (1) Machaku, R., M. Dalleau, and J. Bourjea. 2014. University of Eldoret satellite-tracked green sea turtles from Kenya, 2012, under SWIOPP. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1120>) on 2/12/2017. (2) SWOT Online Database.

**SWOT Contacts:** Mike Olendo, Rose Machaku, Mayeul Dalleau, and Jérôme Bourjea

#### SWOT ID: 1170

**Project Title:** La Tortuga Verde en las Islas Canarias/Green Turtles in the Canary Islands

**Project Partners:** Asociación para el Desarrollo Sostenible y Conservación de la Biodiversidad, Departamento de Biología de la Universidad de Las Palmas de Gran Canaria, Centro de Recuperación de Fauna Silvestre del Cabildo de Gran Canaria, Centro de Recuperación de Fauna Silvestre la Tlahontilla del Cabildo de Tenerife

**Metadata:** 3 *Chelonia mydas*; tags deployed in Canary Islands

**Data Sources:** (1) Liria, A. 2016. La tortuga verde en las islas Canarias/Green turtles in the Canary Islands. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1170>) on 12/19/2016, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=988](http://www.seaturtle.org/tracking/index.shtml?project_id=988)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Ana Liria

#### SWOT ID: 1215

**Project Title:** Gabon 2014: Olive Ridley Sea Turtles

**Project Partners:** Gabon National Parks Agency; CENAREST (Centre National de la Recherche Scientifique et Technologique); Gabon Sea Turtle Partnership; Fondation Liambissi; Ibonga; Wildlife Conservation Society; World Wildlife Foundation; Stanford University; University of California, Santa Cruz; Marine Conservation Institute, and the Marine Turtle Research Group at the University of Exeter

**Metadata:** 6 adult *Lepidochelys olivacea*; tags deployed in Gabon.

**Data Sources:** (1) Maxwell, S. 2016. Gabon 2014: Olive Ridley Sea Turtles. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1215>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=1047](http://www.seaturtle.org/tracking/index.shtml?project_id=1047)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Sara Maxwell

#### SWOT ID: 1328

**Project Title:** Gabon Olive Ridley Tracking Project: Pongara National Park, 2015

**Project Partners:** Gabon National Parks Agency, CENAREST (Centre National de la Recherche Scientifique et Technologique), Gabon Sea Turtle Partnership, Old Dominion University, Wildlife Conservation Society Gabon, and the Marine Turtle Research Group at the University of Exeter

**Metadata:** 10 adult *Lepidochelys olivacea*; tags deployed in Gabon.

**Data Sources:** (1) Maxwell, S. 2016. Gabon Olive Ridley Tracking Project: Pongara National Park, 2016. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1328>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=1165](http://www.seaturtle.org/tracking/index.shtml?project_id=1165)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Sara Maxwell

#### SWOT ID: 1444

**Project Title:** Canary Islands

**Project Partners:** LIFE *Caretta caretta*

**Metadata:** 9 juvenile *Caretta caretta*; tags deployed in Canary Islands.

**Data Sources:** (1) Cruz, N. 2016. Canary Islands. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1444>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=886](http://www.seaturtle.org/tracking/index.shtml?project_id=886)). (2) STAT. (3) SWOT Online Database.

**SWOT Contact:** Nuria Cruz

#### SWOT ID: 1459

**Project Title:** Ghana Olive Ridley Project

**Project Partners:** Seaturtle.org; Florida Gulf Coast University; Hlamihi Association for Turtle Conservation and Hope (HATCH); University of Ghana; and Ghana Wildlife Division, Forestry Commission

**Metadata:** 4 adult *Lepidochelys olivacea*; tags deployed in Ghana.

**Data Sources:** (1) Coyne, M. 2017. Ghana Olive Ridley Project. Data downloaded from OBIS-SEAMAP (<http://seamap.env.duke.edu/dataset/1459>) on 2/12/2017, originated from STAT ([http://www.seaturtle.org/tracking/index.shtml?project\\_id=468](http://www.seaturtle.org/tracking/index.shtml?project_id=468)). (2) STAT. (3) SWOT Online Database.

**SWOT Contacts:** Michael Coyne and Phil Allman

**Project Title:** Post-nesting Leatherback and Loggerhead Turtles in South Africa

**Metadata:** 14 adult female *Dermochelys coriacea* and 20 adult female *Caretta caretta*; tags deployed in South Africa.

**Data Source:** Harris, L. R., R. Nel, H. Oosthuizen, M. Meyer, D. Kotze, D. Anders, S. McCue, and S. Bachoo. 2015. Paper-efficient multi-species conservation and management are not always field-effective: The status and future of West Indian Ocean leatherbacks. *Biological Conservation* 191: 383–390.

**SWOT Contact:** Ronel Nel and Linda Harris

**Project Title:** Mahé Seychelles Hawksbill Project

**Project Partners:** Marine Conservation Society Seychelles, Marine Unit of the Ministry of Environment (Seychelles), local schools, and the Wildlife Clubs of Seychelles

**Metadata:** 4 adult *Eretmochelys imbricata*; tags deployed in Mahé, Seychelles.

**Data Source:** Rowat, D. 2017. Mahé Seychelles Hawksbill Project. Personal communication. In *SWOT Report—State of the World's Sea Turtles*, vol. XII (2017).

**SWOT Contact:** David Rowat