

Loggerhead Turtle (*Caretta caretta*)

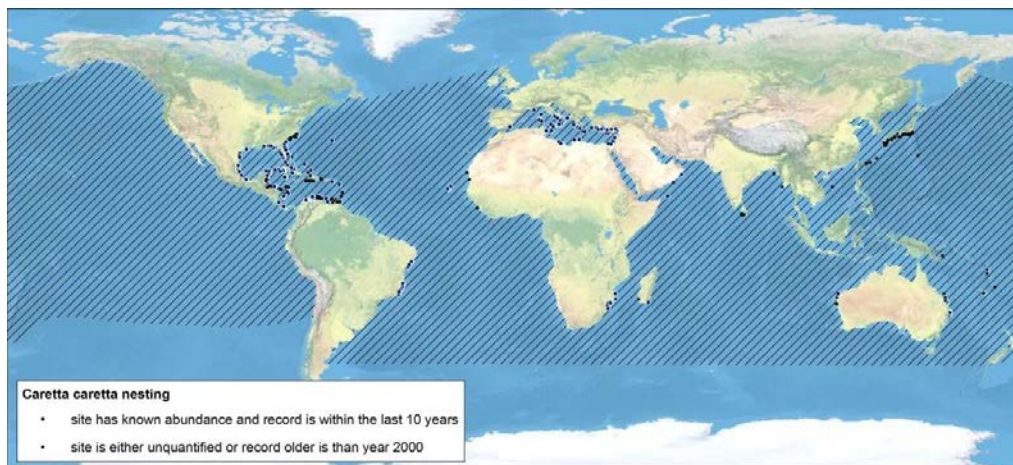


Figure 1. Global distribution and nesting sites for the Loggerhead Turtle *Caretta caretta* (Wallace *et al.* 2010).

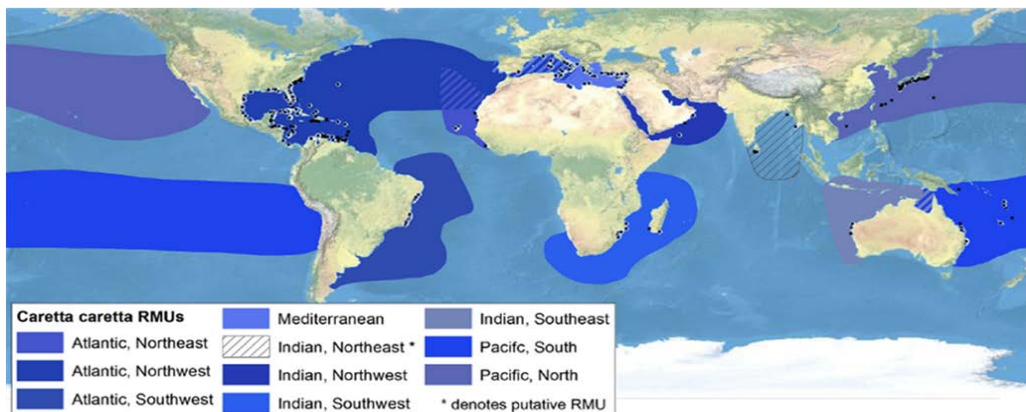


Figure 2. Global map of the 10 IUCN subpopulations (RMUs) of Loggerheads and nesting sites (Wallace *et al.* 2010).

Table 1: Summary results of subpopulation assessments and global assessment of the Loggerhead Turtle (*Caretta caretta*) for all IUCN Red List Criteria, and official Red List categories and criteria. Cells shaded red and yellow indicate “Threatened” and “Near Threatened” category status respectively according to IUCN Red List Criteria.

| SUBPOPULATION | Criterion A1-A2 (popn reduction) | Criterion A4 (popn reduction moving window) | Criterion B (geographic range) | Criterion C (small popn size and decline) | Criterion D (very small or restricted popn) | Criterion E (quantitative analysis) | OFFICIAL IUCN CATEGORY AND CRITERION |
|---------------------|-------------------------------------|---|-----------------------------------|---|---|---|--|
| North West Atlantic | Least Concern | Not assessed | Least Concern | Least Concern | Least Concern | Not assessed | Least Concern |
| North East Atlantic | Data Deficient | Not assessed | Endangered B2ab(iii) | Least Concern | Vulnerable D2 | Not assessed | Endangered B2ab(iii) |
| Mediterranean | Least Concern | Not assessed | Least Concern | Least Concern | Least Concern | Not assessed | Least Concern |
| South West Atlantic | Least Concern | Not assessed | Least Concern | Least Concern | Least Concern | Not assessed | Least Concern |
| North West Indian | Endangered A2b | Critically Endangered A4b | Least Concern | Least Concern | Least Concern | Not assessed | Critically Endangered A4b |
| North East Indian | Data Deficient | Not assessed | Endangered B2ab(iii) | Data Deficient | Critically Endangered D | Not assessed | Critically Endangered D |
| South West Indian | Least Concern | Not assessed | Near Threatened B2 | Least Concern | Least Concern | Not assessed | Near Threatened B2 |
| South East Indian | Data Deficient | Not assessed | Near Threatened B2 | Data Deficient | Least Concern | Not assessed | Near Threatened B2 |
| North Pacific | Least Concern | Not assessed | Least Concern | Least Concern | Least Concern | Not assessed | Least Concern |
| South Pacific | Critically Endangered A2b | Not assessed | Least Concern | Not assessed | Least Concern | Not assessed | Critically Endangered A2b |
| GLOBAL | Vulnerable A2b | Not assessed | Least Concern | Least Concern | Least Concern | Not assessed | Vulnerable A2b |

Table 2. Subpopulation and global population abundance (nests yr⁻¹) of the Loggerhead Turtle (see the individual subpopulation assessments for details about estimates and data sources). For convenience, current abundance includes abundance values from the most recent estimates for each subpopulation, which may be several years apart because total abundances are estimated from both index and non-index (i.e. not necessarily constantly monitored) nesting sites.

*The six subpopulations (comprising about 90% of the current annual nests globally) for which long-term data series were available and were included in the trend analyses at subpopulation and global population levels.

§The current abundance of the South Pacific subpopulation is one of the lowest, probably about 1% of the total abundance.

| Subpopulation (RMU) | Current abundance (nests yr⁻¹) | % |
|----------------------------------|--|--------------|
| North West Atlantic* | 83,717 | 41.8 |
| North East Atlantic | 15,000 | 7.5 |
| Mediterranean* | 7,200 | 3.6 |
| South West Atlantic* | 7,696 | 3.8 |
| North West Indian* | 70,000 | 35.0 |
| North East Indian | 25 | 0.0 |
| South West Indian* | 4,600 | 2.3 |
| South East Indian | 2,955 | 1.5 |
| North Pacific* | 9,053 | 4.5 |
| South Pacific[§] | n/a | |
| Total | 200,246 | 100.0 |

Table 3. Overall trends of the 6 Loggerhead Turtle subpopulations for which past and present abundance values are available (such data are not available for the other 4 subpopulations: North East Atlantic, North East Indian, South East Indian, South Pacific). Values are nests yr⁻¹ except for the North West Indian index sites (*) where values are tracks day⁻¹. Index nesting sites: abundance values and changes for each subpopulation (from a total of 153 index nesting sites; see the specific subpopulation assessments for the complete datasets and data sources; data sources are also listed in section 10). All sites: total abundance values (at index and non-index sites) for each subpopulation calculated from the changes at index sites applied to the present abundance at all sites (here considered as 2013 for convenience).

Total: trends calculated from the total abundance values at all sites (see the Criterion A section in the global assessment's rationale for details).

| Subpopulation (RMU) | | Past Abundance (3 generations ago) | Current abundance (2013) | 3-generation change (past-present) |
|----------------------------|------------------|------------------------------------|--------------------------|------------------------------------|
| North West Atlantic | Index sites | 52,167 | 53,038 | 0.02 |
| | All sites | 82,342 | 83,717 | 0.02 |
| Mediterranean | Index sites | 3,122 | 3,344 | 0.07 |
| | All sites | 6,723 | 7,200 | 0.07 |
| South West Atlantic | Index sites | 4,428 | 7,540 | 0.70 |
| | All sites | 4,519 | 7,696 | 0.70 |
| North West Indian | Index sites* | 659 | 190 | -0.71 |
| | All sites | 243,040 | 70,000 | -0.71 |
| South West Indian | Index sites | 599 | 2,511 | 3.19 |
| | All sites | 1,097 | 4,600 | 3.19 |
| North Pacific | Index sites | 3,123 | 8,394 | 1.69 |
| | All sites | 3,368 | 9,053 | 1.69 |
| Total | All sites | 341,089 | 182,266 | -0.47 |

Data sources for Table 3:

North West Atlantic: North Carolina Wildlife Research Commission (NCWRC), unpublished data; South Carolina Department of Natural Resources (SCDNR), unpublished data; Georgia Department of Natural Resources (GDNR), unpublished data; Florida Fish and Wildlife

Conservation Commission/Fish and Wildlife Research Institute (FWCC/FWRI), unpublished data; U.S. Fish and Wildlife Service (USFWS), unpublished data; Sea Turtle Protection Committee of Quintana Roo, Mexico (CPTMQROO).

Mediterranean: Margaritoulis (2005); Margaritoulis et al. (2011), D. Margaritoulis pers comm.; Margaritoulis and Rees (2001), D. Margaritoulis, A.F. Rees, T. Riggall pers comm.; Margaritoulis *et al.* (2009), D. Margaritoulis, A. Panagopoulou, A.F. Rees, T. Riggall pers comm.; D. Margaritoulis, A.F. Rees, C.J. Dean, A. Panagopoulou, T. Riggall pers comm.; D. Margaritoulis, A. Panagopoulou, A.F. Rees, T. Riggall pers comm.; Margaritoulis and Rees (2006), D. Margaritoulis, T. Riggall pers comm; Kaska *et al.* (2013); Türkozan and Kaska (2010); Y. Kaska, pers. comm.; Başkale *et al.* (2013); Oruç *et al.* (2007); Durmuş and Oruç (2008, 2009, 2010, 2011); Demetropoulos and Hadjichristophorou (2010); Fuller W.J., Glen F., Godley B.J., Rhodes K.A., Snape R.T.E., Stokes K., Broderick A.C., pers. comm.; Y. Levy, pers. comm.

South West Atlantic: N. Marcovaldi, pers. comm.

North West Indian: Tucker *et al.* (2013); Witherington *et al.* (in press).

South West Indian: R. Nel, unpubl. data; Lombard and Kyle (2014).

North Pacific: Sea Turtle Association of Japan, unpubl. data; Sea Turtle Association of Japan (2002); Yakushima Umigame-Kan (2011a, b, 2012, 2013, 2014).

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