

S1 Table. List of taxonomic publications used for identification of diatom taxa on loggerhead sea turtles.

Monographs

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Foged N (1975) Some Littoral Diatoms from the Coast of Tanzania. *Bibl Phycol* 16: 1–127

Hein, MK, Winsborough, BM, Sullivan, MJ (2008) Bacillariophyta (diatoms) of the Bahamas *Iconographia Diatomologica* 19: 1–303

Loir M, Novarina G (2013) Marine *Mastogloia* Thwaites ex W.Sm. and *Stigmaphora* Wallich species from the French Lesser Antilles. *Diatom Monogr* 16: 1–133

Witkowski A, Lange–Bertalot H, Metzeltin D (2000) Diatom Flore of Marine Coasts I. *Icon Diatomol* 7: 1–925

Articles

Ashworth MP, Ruck EC, Lobban CS, Romanovicz DK, Theriot EC (2012) A revision of the genus *Cyclophora* and description of *Astrosyne* gen. nov. (Bacillariophyta), two genera with the pyrenoids contained within pseudosepta. *Phycologia* 51: 684–699

Belando MD, Jimenez JF, Marín A, Aboal M (2018) Morphology and molecular phylogeny of *Hyalosynedra lanceolata* sp. nov. and an extended description of *Hyalosynedra* (Bacillariophyta). *Eur J of Phycol* 53: 208–218

Belando MD, Marín A, Aboal M (2012) *Licmophora* species from a Mediterranean hypersaline coastal lagoon (Mar Menor, Murcia, SE Spain) *Nova Hedwigia* 141: 275–288

Cremer H, Sangiorgi F, Wagner–Cremer F, McGee V, Lotter AF, Visscher H (2007) Diatoms (Bacillariophyceae) and Dinoflagellate Cysts (Dinophyceae) from Rookery Bay, Florida, USA. *Caribb J Sci* 43: 23–58

Danielidis D, Mann D (2003) New species and new combinations in the genus *Seminavis* (Bacillariophyta). *Diatom Res* 18: 21–39

Frankovich T, Wachnicka A (2015) Epiphytic Diatoms along Phosphorus and Salinity Gradients in Florida Bay (Florida, USA), an Illustrated Guide and Annotated Checklist In *Microbiology of the Everglades Ecosystem*. In: Entry JA, Gottlieb AD, Jayachandran K, Ogram A (eds) *Microbiology of the Everglades Ecosystem*, CRC Press, Boca Raton, pp. 239–286

Frankovich TA, Ashworth MP, Sullivan MJ, Veselá J, Stacy NI (2016) *Medlinella amphoroidea* gen. et sp. nov. (Bacillariophyta) from the neck skin of Loggerhead sea turtles (*Caretta caretta*). *Phytotaxa* 272: 101–114

- Frankovich TA, Sullivan MJ, Stacy MI (2015) Three new species of *Tursiocola* (Bacillariophyta) from the skin of the West Indian manatee (*Trichechus manatus*). *Phytotaxa* 204: 33–48
- Gaiser EE, Wachnicka AH, Taylor C, Travieso R (2006) Diatom-based water quality performance metrics for Biscayne Bay. Florida International University 1–80
- Garcia M, Talgatti D (2011) Morfologia e distribuição de *Catenula adhaerens* Mereschkowsky (Bacillariophyceae) no sul do Brasil. *Iheringia Ser Bot* 66: 99–108
- Giffen MH (1973) Diatoms of the marine littoral of the Steenberg's Cove in St Helena Bay, Cape Province, South Africa. *Bot Mar* 16: 32–48
- Giffen MH (1975) An account of the littoral diatoms of from Langebaan, Saldahna Bay, Cape Province, South Africa. *Bot Mar* 18: 71–95
- Giffen MH (1976) A further account of the littoral diatoms of the Saldahna Bay Lagoon, Cape Province, South Africa. *Bot Mar* 19: 379–394
- Kaleli MA, Kulikovskiy MS, Solak CN (2017) Some New Records for Marine Diatom Flora of Turkey From Akliman, Sinop (Black Sea) *Turk J Fish Aquat Sc* 17: 1387–1395
- Kaleli A, Krzywda M, Witkowski A, Riaux-Gobin C, Solak CN, Zgłobicka I, Płociński T, Grzonka J, Kurzydłowski KJ, Car A (2018) A new sediment dwelling and epizoic species of *Olifantiella* (Bacillariophyceae), with an account on the genus ultrastructure based on Focused Ion Beam nanocuts. *Fottea* 18: 212–226
- Kim BS, Kim SY, Park J–G, Witkowski A (2017) New Records of the Diatom Species (Bacillariophyta) from the Seaweed and Tidal Flats in Korea. *Environ Biol Res* 35: 604–621
- Lee SS, Gaiser EE, Van de Vijver B, Edlund MB, Spaulding SA (2014) Morphology and typification of *Mastogloia smithii* and *M. lacustris*, with descriptions of two new species from the Florida Everglades and the Caribbean region. *Diatom Res* 29: 325–350
- Lobban CS (2015) A second species of *Microtabella* (Grammatophoraceae, Bacillariophyta) from Guam. *Mar Biodivers Rec* 8: 1–5
- Lobban CS, Ashworth MP (2014) *Hanicella moenia*, gen. et sp. nov., a ribbon-forming diatom (Bacillariophyta) with complex girdle bands, compared to *Microtabella interrupta* and *Rhabdonema* cf. *adriaticum*: Implications for Striatellales, Rhabdonematales, and Grammatophoraceae, fam. nov. *J Phycol* 50: 860–884
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Majewska R, Van de Vijver B, Nasrolahi A, Ehsanpour M, Afkhami M, Bolaños F, Iamunno F, Santoro M, De Stefano M (2017a) Shared epizoic taxa and differences in diatom community structure between green turtles (*Chelonia mydas*) from distant habitats. *Microbial Ecol* 74: 969–978

Majewska R, Bosak S, Frankovich TA, Ashworth MP, Sullivan MJ, Robinson NJ, Lazo-Wasem EA, Pinou T, Nel R, Manning SR, Van de Vijver B (2019) Six new epibiotic *Proschkinia* (Bacillariophyta) species and new insights into the genus phylogeny *Eur J Phycol* 54: 609–631

Majewska R, De Stefano M, Van de Vijver B (2017c) *Labellicula lecohuiana*, a new epizoic diatom species living on green turtles in Costa Rica. *Nova Hedwigia* 146: 23–31

Majewska R, Robert K, Van de Vijver B, Nel R (2019) A new species of *Lucanicum* (Cyclophorales, Bacillariophyta) associated with loggerhead sea turtles from South Africa. *Bot Letters* (publ. online)

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Romagnoli T, Totti C, Accoroni S, De Stefano M, Pennesi C (2014) SEM analysis of the epibenthic diatoms on *Eudendrium racemosum* (Hydrozoa) from the Mediterranean Sea. *Turk J Bot* 38: 1–29

Sar EA, Romero OE, Sunesen I (2003) *Cocconeis* Ehrenberg and *Psammococconeis* Garcia (Bacillariophyta) from the Gulf of San Matías, Patagonia, Argentina. *Diatom Res* 18: 79–106

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- Van de Vijver B, Kociolek JP (2018) A new species of *Nagumoea* (Bacillariophyta) from Antarctica, and a further consideration of the systematic position of the genus. *Phytotaxa* 349: 152–158
- Wachnicka AH, Gaiser EE (2007) Characterization of *Amphora* and *Seminavis* from south Florida, USA. *Diatom Res* 22: 387–455
- Witkowski A, Li C, Zgłobicka I, Yu S, Ashworth MP, Dąbek P, Qin S, Tang C, Krzywda M, Ruppel M, et al (2016) Multigene Assessment of Biodiversity of Diatom(Bacillariophyceae) Assemblages from the Littoral Zone of the Bohai and Yellow Seas in Yantai Region of Northeast China with some Remarks on Ubiquitous Taxa. *J Coast Res: Special Issue* 74: 166–195
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