

# **Spatiotemporal Variation of Stranded Marine Mammals in the Philippines from 2005 to 2022: Latest Stranding Hotspots and Species Stranding Status**

## **Erratum**

Lemnuel V. Aragonés,<sup>1,2</sup> Alessandra Nicole L. Morado,<sup>1,2</sup>  
Marie Christine M. Obusan,<sup>2,3</sup> Honey Leen M. Laggui,<sup>1,2</sup> Jonah L. Bondoc,<sup>2,4</sup>  
Leo Jonathan A. Suarez,<sup>2,5</sup> and Ewen Kye Lawler<sup>6</sup>

<sup>1</sup>*Institute of Environmental Science & Meteorology (IESM), College of Science (CS),  
University of the Philippines (UP) Diliman, Quezon City, Philippines*  
E-mail: [ldaragones@up.edu.ph](mailto:ldaragones@up.edu.ph)

<sup>2</sup>*Philippine Marine Mammal Stranding Network Inc., IESM, CS, UP Diliman, Quezon City, Philippines*

<sup>3</sup>*Institute of Biology, CS, UP Diliman, Quezon City, Philippines*

<sup>4</sup>*Natural Sciences Research Institute, CS, UP Diliman, Quezon City, Philippines*

<sup>5</sup>*Ocean Adventure, Ilanin Forest West, Subic Bay Freeport, Bataan, Philippines*

<sup>6</sup>*Centre for Conservation Ecology and Genomics, Institute for Applied Ecology, University of Canberra, Australia*

The species names for pantropical spotted dolphins and striped dolphins were inadvertently flipped in Table 3 of the original article, and the species name for *Mesoplodon ginkgodens* was misspelled. The corrected Table 3 is provided on the following page. We apologize for these errors.

**Table 3.** The annual stranding rates, and conservation and stranding status of marine mammal species that stranded in the Philippines from 2005 to 2022 (after Aragones, 2008; Aragones et al., 2010, 2017, 2022; Aragones & Llagui, 2019)

Species	CITES <sup>1</sup>	IUCN <i>Red List</i> <sup>2</sup>	Annual stranding rate (log transformed)	Stranding status <sup>6</sup>
Order Cetacea				
Suborder Odontoceti (Toothed whales, dolphins, and porpoises)				
Family Delphinidae <sup>3</sup>				
<i>Stenella longirostris</i> (Spinner dolphin)	II	LC	12.06(1.08)	Very frequent
<i>Lagenodelphis hosei</i> (Fraser's dolphin)	II	LC	6.78(0.83)	Frequent
<i>Grampus griseus</i> (Risso's dolphin)	II	LC	5.56(0.75)	Frequent
<i>Peponocephala electra</i> (Melon-headed whale)	II	LC	4.83(0.68)	Frequent
<i>Globicephala macrorhynchus</i> (Short-finned pilot whale)	II	LC	4.33(0.64)	Frequent
<i>Stenella attenuata</i> (Pantropical spotted dolphin)	II	LC	4.33(0.64)	Frequent
<i>Tursiops aduncus</i> (Indo-Pacific bottlenose dolphin)	II	NT	2.61(0.42)	Moderate
<i>Steno bredanensis</i> (Rough-toothed dolphin)	II	LC	2.44(0.39)	Moderate
<i>Tursiops truncatus</i> (Common bottlenose dolphin)	II	LC	2.33(0.37)	Moderate
<i>Stenella coeruleoalba</i> (Striped dolphin)	II	LC	2.11(0.32)	Moderate
<i>Feresa attenuata</i> (Pygmy killer whale)	II	LC	1.61(0.21)	Moderate
<i>Pseudorca crassidens</i> (False killer whale)	II	NT	1.22(0.09)	Moderate
<i>Orcaella brevirostris</i> (Irrawaddy dolphin)	I	EN	0.50(-0.30)	Rare
<i>Delphinus delphis</i> (Longbeak common dolphin)	II	LC	0.06(-1.22)	Very rare
Family Kogiidae <sup>3</sup> (Pygmy and dwarf sperm whales)				
<i>Kogia breviceps</i> (Pygmy sperm whale)	II	LC	1.61(0.21)	Moderate
<i>Kogia sima</i> (Dwarf sperm whale)	II	LC	3.89(0.59)	Frequent
Family Physeteridae <sup>3</sup>				
<i>Physeter macrocephalus</i> (Sperm whale)	I	VU	3.61(0.56)	Frequent
Family Ziphiidae <sup>3</sup> (Beaked whales)				
<i>Ziphius cavirostris</i> (Cuvier's beaked whale)	II	LC	1.17(0.07)	Moderate
<i>Mesoplodon densirostris</i> (Blainville's beaked whale)	II	LC	1.00(0.00)	Moderate
<i>Indopacetus pacificus</i> (Longman's beaked whale)	II	LC	0.17(-0.77)	Rare
<i>Mesoplodon hotaula</i> (Deranayigala's beaked whale)	Unclassified	DD	0.11(-0.96)	Rare
<i>Mesoplodon ginkgodens</i> (Ginkgo-toothed beaked whale)	II	DD	0.06(-1.22)	Very rare
Suborder Mysticeti (Baleen whales)				
Family Balaenopteridae <sup>3</sup> (Rorquals)				
<i>Balaenoptera edeni</i> (Bryde's whale)	I	LC	1.17(0.07)	Moderate
<i>Balaenoptera omurai</i> (Omura's whale)	I	DD	0.44(-0.36)	Rare
<i>Megaptera novaeangliae</i> (Humpback whale)	I	LC	0.44(-0.36)	Rare
<i>Balaenoptera physalus</i> (Fin whale)	I	VU	0.17(-0.77)	Rare
Order Sirenia				
Family Dugongidae				
<i>Dugong dugon</i> <sup>4,5</sup> (Dugong)	I	VU	5.61(0.77)	Frequent

<sup>1</sup>CITES Appendix I – These are most endangered species among CITES species; they are threatened with extinction and prohibited for international trade except for uncommercial purposes (e.g., scientific research) (valid from 22/6/2022).

CITES Appendix II – These are species not threatened with extinction unless trade is uncontrolled (valid from 22/6/2022).

<sup>2</sup>Based on IUCN *Red List* categories: Critically Endangered (CR), Endangered (EN), Vulnerable (VU), Near Threatened (NT), Least Concern (LC), and Data Deficient (DD) (Version 2022-2).

<sup>3</sup>Protected under Bureau of Fisheries and Aquatic Resources (BFAR) Fisheries Administrative Order Nos. 185 series of 1992 and 185-1 series of 1997.

<sup>4</sup>Protected under Department of Environment and Natural Resources (DENR) Administrative Order No. 55 series of 1991.

<sup>5</sup>Classified as "Critically Endangered" under the DENR AO 2019-09.

<sup>6</sup>Stranding categories were based on values of annual stranding rates: very rare (< -1.00), rare (-0.01 to -1.00), moderate (0.00 to 0.50), frequent (0.51 to 1.00), and very frequent (> 1.00).