

Supplementary Table. Summary of global *P. porpita*. strandings (2014–2025), including colony abundance and count limitations

Observing year	Month	Ocean	Sea	Locality (Country)	Density	Reference
2014	March	Indian Ocean	Bay of Bengal	St. Martin's island (Bangladesh)	1-2 colonies/m ²	[4]
2016	May		Bay of Bengal	Puri, Konark, Astrang, Rushikulya (India)	countless	[5]
2017	June to December		Bay of Bengal	Beach of Kokkilai (Sri Lanka)	countless	[5]
2021	August		Arabian Sea	Kutch (India)	No recorded	[6]
2020	July		Bali Sea	Semawang Beach (Indonesia)	10	[7]
2021	August	Pacific Ocean	Yellow Sea	Yellow Sea (China)	No recorded	[8]
2021	March	Indian Ocean	Bay of Bengal	Visakhapatnam (India)	20 colonies	[9]
2024	April		Bay of Bengal	Teknaf coast (Bangladesh)	1.3 colonies/m ²	[10]
2023	September		Ligurian Sea	Ligurian (Italy)	3 colonies	[11]
2019-2024	No record	Pacific Ocean	Pacific Ocean	Kanagawa prefecture (Japan)	Total 267 colonies from 2019 to 2024	[1]
2025	September	Pacific Ocean	Pacific Ocean	Kanagawa prefecture (Japan)	10	[3]
2025	June, October	Pacific Ocean	Pacific Ocean	Jeju Island (South Korea)	countless	This study
2026	April	Pacific Ocean	Pacific Ocean	Jeju Island (South Korea)	countless	This study