

Supplement S2: Primary reference in the literature for each catalog in the competition. Two catalogs (8 and 21) were included in the competition yet omitted from this analysis

idx	species	location	Organization	Reference 1
1	beluga	Alaska	The Cook Inlet Beluga Whale Photo-ID Project	McGuire, T. L., Himes Boor, G. K., McClung, J. R., Stephens, A. D., Garner, C., Shelden, K. E., & Wright, B. (2020). Distribution and habitat use by endangered Cook Inlet beluga whales: Patterns observed during a photo-identification study, 2005–2017. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 30(12), 2402-2427.
2	beluga	Quebec	GREMM	Le Net, R., Larrat, S., Michaud, R., & Lair, S. (2022). Pathological and epidemiological investigation of skin lesions in belugas (<i>Delphinapterus leucas</i>) from the St. Lawrence Estuary, Quebec, Canada. <i>Marine Mammal Science</i> , 38(2), 653-681.
3	blue whale	Isla de Chiloé	Centro de Conservación Cetacea	Galletti Vernazzani, B., Jackson, J. A., Cabrera, E., Carlson, C. A., & Brownell Jr, R. L. (2017). Estimates of abundance and trend of Chilean blue whales off Isla de Chiloé, Chile. <i>PLoS One</i> , 12(1), e0168646.
4	blue whale	US West Coast	Cascadia Research Collective	Calambokidis, J., Barlow, J., Ford, J. K., Chandler, T. E., & Douglas, A. B. (2009). Insights into the population structure of blue whales in the Eastern North Pacific from recent sightings and photographic identification. <i>Marine Mammal Science</i> , 25(4), 816-832.
5	Bryde's whale	São Paulo	Baleia à Vista Project (ProBaV).	Athayde, A., Cardoso, J., Francisco, A. & Siciliano, S. (2022). A vessel collision report for Bryde's whales (<i>Balaenoptera brydei</i>) off the northern coast of São Paulo, Brazil. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1–5. https://doi.org/10.1002/aqc.3906
6	Commerson's dolphin	Falkland Islands	Falklands Conservation	
7	common bottlenose dolphin	Adriatic Sea	Morigenos - Slovenian Marine Mammal Society	Genov T, Centrih T, Kotnjek P, Hace A (2019a) Behavioural and temporal partitioning of dolphin social groups in the northern Adriatic Sea. <i>Marine Biology</i> 166:11. https://doi.org/10.1007/s00227-018-3450-8
8	common bottlenose dolphin	England	Newcastle University	Trotter, Cameron, et al. "NDD20: A large-scale few-shot dolphin dataset for coarse and fine-grained categorisation." <i>arXiv preprint arXiv:2005.13359</i> (2020).
9	common bottlenose dolphin	Florida	Chicago Zoological Society's Sarasota Dolphin Research Program, c/o Mote Marine Laboratory	

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10	common bottlenose dolphin	Hawai'i	Pacific Whale Foundation	2017: Currie, J.J., S.H. Stack, J.A. McCordic, G.D. Kaufman. Quantifying the risk that marine debris poses to cetaceans in coastal waters of the 4-island region of Maui. Marine Pollution Bulletin 121: 69–77.
11	common bottlenose dolphin	Scotland	University of Aberdeen & University of St Andrews	Cheney, B.J., Dale, J., Thompson, P.M. & Quick, N.J. (2022) Spy in the sky: a method to identify pregnant small cetaceans. Remote Sensing in Ecology and Conservation
12	common dolphin	Aegean Sea	Archipelagos Institute of Marine Conservation	
13	common minke whale	British Columbia	Bay Cetology	Towers, J.R., C.J. McMillan, M. Malleson, J. Hilderling, J.K.B. Ford, and G.M. Ellis. 2013. Seasonal movements and ecological markers as evidence for migration of common minke whales photo-identified in the eastern North Pacific. Journal of Cetacean Research and Management 13: 221–229.
14	common minke whale	Iceland	University of Iceland	Bertulli, C. G., Rasmussen, M. H., & Tetley, M. J. (2013). Photo-identification rate and wide scale movement of common minke whales (<i>Balaenoptera acutorostrata</i>) in the coastal waters of Faxaflói and Skjálfandi Bays, Iceland. Journal of Cetacean Research and Management, 13(1), 39-45.
15	Cuvier's beaked whale	California	Marine Ecology and Telemetry Research	Curtis KA, Falcone, EA, Schorr, GS, Moore, JE, Moretti, DJ, Barlow, J, and Keene E. 2020. Abundance, survival, and annual rate of change of Cuvier's beaked whales (<i>Ziphius cavirostris</i>) on a Navy sonar range. Mar Mamm Sci. DOI:10.1111/mms.12747
16	dusky dolphin	New Zealand	Texas A&M University - Corpus Christi and University of Alaska Southeast	Orbach DN, Pearson HC, Beier-Engelhaupt A, Deutsch S, Srinivasan M, Weir JS, Yin S, Würsig B. Long-term assessment of spatio-temporal association patterns of dusky dolphins (<i>Lagenorhynchus obscurus</i>) off Kaikoura, New Zealand. Aquatic Mammals 44:608-619.
17	false killer whale	Guadeloupe	L'association Evasion Tropicale	
18	false killer whale	Hawai'i	Pacific Whale Foundation	2013: Silva, I.F., Kaufman, G.D., Rankin, R.W., and Maldini, D. Presence and Distribution of Hawaiian False Killer Whales (<i>Pseudorca crassidens</i>) in Maui County Waters: A Historical Perspective. Aquatic Mammals, 39(4): 409-414.

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19	false killer whale	New Zealand	Far Out Ocean Research Collective	Zaeschmar, J. R. (2014). False killer whales (<i>Pseudorca crassidens</i>) in New Zealand waters: a thesis presented in partial fulfilment of the requirements for the degree of Master of Science in Conservation Biology at Massey University, Albany, New Zealand (Doctoral dissertation, Massey University).
20	fin whale	US West Coast	Marine Ecology and Telemetry Research	Falcone EA, Keene EL, Keen EM, Barlow J, Stewart J, Cheeseman T, Hayslip C, Palacios DM (2022) Movements and residency of fin whales (<i>Balaenoptera physalus</i>) in the California Current System. <i>Mammalian Biology</i> . https://doi.org/10.1007/s42991-022-00298-4
21	Fraser's dolphin	Guadeloupe	L'association Evasion Tropicale	
22	gray whale	Oregon	Oregon State University	Soledade Lemos, L., Burnett, J. D., Chandler, T. E., Sumich, J. L., & Torres, L. G. (2020). Intra-and inter-annual variation in gray whale body condition on a foraging ground. <i>Ecosphere</i> , 11(4), e03094.
23	humpback whale	North Pacific	Happywhale.com	Ted Cheeseman, Ken Southerland, Jo Marie Acebes et al. (Almost) all the humpback whales of the North Pacific: A collaborative and comprehensive photo-ID dataset, 17 January 2023, PREPRINT (Version 1) available at Research Square [https://doi.org/10.21203/rs.3.rs-2294878/v1]
24	humpback whale	Queensland	Dr Trish Franklin, The Oceania Project	Franklin, T., Franklin, W., Brooks, L., Harrison, P. L., Burns, D., Holmberg, J., and Calambokidis, J. 2020. Photo-identification of individual Southern Hemisphere humpback whales (<i>Megaptera novaeangliae</i>) using all available natural marks: implications for misidentification & automated algorithm matching technology. <i>J. CETACEAN RES. MANAGE</i> 21(1): 71-83.
25	killer whale	McMurdo Sound	SR3, SeaLife Response, Rehabilitation and Research	Pitman, R.L., Fearnbach, H. & Durban, J.W. Abundance and population status of Ross Sea killer whales (<i>Orcinus orca</i> , type C) in McMurdo Sound, Antarctica: evidence for impact by commercial fishing?. <i>Polar Biol</i> 41, 781–792 (2018). https://doi.org/10.1007/s00300-017-2239-4
26	killer whale	Western Australia	Project ORCA, Orca Research and Conservation Australia	Wellard, R., & Erbe, C. (2017). Killer whales of the Bremer Sub-Basin: A photo-id catalogue. Centre for Marine Science and Technology, Curtin University.
27	long-finned pilot whale	New Zealand	University of Auckland & Far Out Ocean Research Collective	

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28	melon-headed whale	Hawai'i	Cascadia Research Collective	Aschettino, J.M., R.W. Baird, D.J. McSweeney, D.L. Webster, G.S. Schorr, J.L. Huggins, K.K. Martien, S.D. Mahaffy, and K.L. West. 2012. Population structure of melon-headed whales (<i>Peponocephala electra</i>) in the Hawaiian Archipelago: evidence of multiple populations based on photo-identification. <i>Marine Mammal Science</i> 28(4):666-689.
29	pacific white-sided dolphin	British Columbia		Ashe, E. (2015). Ecology of Pacific white-sided dolphins (<i>Lagenorhynchus obliquidens</i>) in the coastal waters of British Columbia, Canada (Doctoral dissertation, University of St Andrews).
30	panropical spotted dolphin	Guadeloupe	L'association Evasion Tropicale	
31	panropical spotted dolphin	Hawai'i	Pacific Whale Foundation	2019: Stack, S.H., Currie, J.J., McCordic, J.A. & Olson, G.L. Incidence of odontocetes with dorsal fin collapse in Maui Nui, Hawaii. <i>Aquatic Mammals</i> 45(3), 257-265
32	pygmy killer whale	Guadeloupe	L'association Evasion Tropicale	
33	rough-toothed dolphin	Guadeloupe	L'association Evasion Tropicale	
34	sei whale	Falkland Islands	Falklands Conservation	
35	short-finned pilot whale	Guadeloupe	L'association Evasion Tropicale	
36	short-finned pilot whale	Hawai'i	Pacific Whale Foundation	2019: Stack, S.H., Currie, J.J., McCordic, J.A. & Olson, G.L. Incidence of odontocetes with dorsal fin collapse in Maui Nui, Hawaii. <i>Aquatic Mammals</i> 45(3), 257-265

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37	short-finned pilot whale	Mariana Islands	NOAA Fisheries Pacific Islands Fisheries Science Center	Hill MC, Bendlin AR, Van Cise AM, Milette-Winfrey A, Ligon AD, Deakos MH, Ü AC, Oleson EM. 2019. Short-finned pilot whales (<i>Globicephala macrorhynchus</i>) of the Mariana Archipelago: Individual affiliations, movements, and spatial use. <i>Mar Mam Sci</i> 35:797–824. doi: 10.1111/mms.12567.
38	southern right whale	New Zealand		Khan, C., Blount, D., Parham, J., Holmberg, J., Hamilton, P., Charlton, C., ... & Bogucki, R. (2022). Artificial intelligence for right whale photo identification: from data science competition to worldwide collaboration. <i>Mammalian Biology</i> , 1-18.
39	spinner dolphin	Mariana Islands	NOAA Fisheries Pacific Islands Fisheries Science Center	
40	spinner dolphin	Maui Nui, Hawai'i	Pacific Whale Foundation	2020: Stack, S.H., Olson, G.L., Neamtu, V., Machernis, A.F., Baird, R.W., Currie, J.J. Identifying spinner dolphin movement and behavioral patterns to inform conservation strategies in Maui Nui, Hawaii. <i>Marine Ecology Progress Series</i> 644: 187-197. https://doi.org/10.3354/meps13347
41	spinner dolphin	Red Sea	The Swire Institute of Marine Science, The University of Hong Kong	Cesario, A. (2016). Population ecology of spinner dolphins (<i>Stenella longirostris</i>) in an offshore resting habitat in the Red Sea (Doctoral dissertation, University of Hong Kong Libraries).