Joint NAMMCO SCIENTIFIC COMMITTEE WORKING GROUP ON THE POPULATION STATUS OF NARWHAL AND BELUGA IN THE NORTH ATLANTIC

and the

CANADA/GREENLAND JOINT COMMISSION ON CONSERVATION AND MANAGEMENT OF NARWHAL AND BELUGA SCIENTIFIC WORKING GROUP

Joint Working Group Meeting

*26-30 October, Online*

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| JWG/2020/05 | Watt, C. Landed catches of beluga whales reported by select Nunavut communities since 2011. | 3.3 |
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| JWG/2020/07 | Witting, L. (2020). Assessment of beluga wintering off West Greenland – 2020. | 3.4 |
| JWG/2020/08 | Witting, L. (2020). Meta-population model for narwhals in East Canada and West Greenland – 2020. | 2.4 |
| JWG/2020/09 | Witting, L. (2020). Optimal meta population removals for narwhals in East Canada and West Greenland – 2020. | 2.4 |
| JWG/2020/10 | Garde, E., Hansen, R.G. and Heide-Jørgensen, M.P. (2020). Narwhal hunting in Melville Bay, West Greenland, 2005 to 2019. | 2.3 |
| JWG/2020/11 | Garde, E. and Heide-Jørgensen, M.P. (2020). Update on catch statistics for narwhal, *Monodon monoceros,* in Greenland, 2005 to 2019. | 2.3 |
| JWG/2020/12 | Garde, E., and Heide-Jørgensen, M.P. (2020). Update on catch statistics for belugas, *Delphinapterus leucas*, in Greenland, 1993–2019. | 3.3 |
| JWG/2020/13 | Marcoux, M. Montsion, L.M. Dunn, J.B., Ferguson, S.H., and Matthews, C.J.D. (2020). Estimate of the abundance of the Eclipse Sound narwhal (*Monodon monoceros*) summer stock from the 2016 photographic aerial survey. | 2.2 |
| JWG/2020/14 | Heide-Jørgensen, M.P. (2020) Abundance of narwhals in Inglefield Bredning in 1985 and 1986. | 2.2 |
| JWG/2020/15 | Heide-Jørgensen, M.P. and Hansen, R.G. (2020). Abundance of narwhals and belugas in the eastern part of the North Water in April 2018. | 2.2 |
| JWG/2020/16 | Marcoux, M. and Shuert, C. (2020). Update on the movement of narwhals from Eclipse Sound stock (2016-2018). | 2.1 |
| JWG/2020/17 | Hansen, R.G., Borchers D.L., and Heide-Jørgensen M.P. (2020). Trends in abundance and distribution of narwhals (*Monodon* *monoceros*) on the summering grounds in Inglefield Bredning and Melville Bay, Greenland from 2007–2019. | 2.2 |
| JWG/2020/18 | Heide-Jørgensen, M.P. (2020). Abundance of narwhals in Inglefield Bredning in 2001 and 2002. | 2.2 |
| JWG/2020/19 | Tervo, O.M., Hansen, R.G., Borchers, D. and Heide-Jørgensen, M.P. (2020). Preliminary results on estimation of abundance of narwhals (*Monodon* *monoceros*) using density surface modelling. | 2.2 |
| JWG/2020/20 | Garde, E. (2020). Female narwhal age at sexual maturity. | 2.4 |
| JWG/2020/21 | Witting, L. (2020). Abundance matrix for the meta model in 2017 and 2020 | 2.4 |
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##### For Information Documents

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| JWG/2020/FI01 | Heide-Jørgensen, M. P., Laidre, K. L., Burt, M. L., Borchers, D. L., Marques, T. A., Hansen, R. G., Rasmussen, M. & Fossette, S. (2010). Abundance of narwhals (Monodon monoceros) on the hunting grounds in Greenland. *Journal of Mammalogy*, *91*(5), 1135-1151. | 2.2 |
| JWG/2020/FI02 | Bröker, K. C., Hansen, R. G., Leonard, K. E., Koski, W. R., & Heide‐Jørgensen, M. P. (2019). A comparison of image and observer based aerial surveys of narwhal. *Marine Mammal Science*, *35*(4), 1253-1279. | 2.2 |
| JWG/2020/FI03 | Heide-Jørgensen, M. P., Sinding, M. H. S., Nielsen, N. H., Rosing-Asvid, A., & Hansen, R. G. (2016). Large numbers of marine mammals winter in the North Water polynya. *Polar Biology*, *39*(9), 1605-1614. | 2.2 |
| JWG/2020/FI04 | Heide-Jørgensen, M. P., Burt, L. M., Hansen, R. G., Nielsen, N. H., Rasmussen, M., Fossette, S., & Stern, H. (2013). The significance of the North Water polynya to Arctic top predators. *Ambio*, *42*(5), 596-610. | 2.2 |
| JWG/2020/FI05 | Garde, E., Hansen, R. G., & Heide-Jørgensen, M.P. (2019). Narwhal*, Monodon monoceros*, Catch Statistics in Greenland, 1862–2017. *Marine Fisheries Review*, *81*(3-4), 105-115. | 2.3 |
| JWG/2020/FI06 | Heide-Jørgensen, M.P. & Garde, E. (2017). Catch statistics for belugas in Greenland 1862-2016. Working Paper  NAMMCO JCNB/SWG/2017-JWG/06rev | 3.3 |
| JWG/2020/FI07 | Louis, M., Skovrind, M., Samaniego Castruita, J. A., Garilao, C., Kaschner, K., Gopalakrishnan, S., ... & Heide-Jørgensen, M. P. (2020). Influence of past climate change on phylogeography and demographic history of narwhals, Monodon monoceros. *Proceedings of the Royal Society B*, *287*(1925), 20192964. | 2.1 |
| JWG/2020/FI08 | Louis, M., Skovrind, M., Garde, E., Heide-Jørgensen, M.P., Szpak, P., and Lorenzen, E.D. (2020). Population-specific sex and size variation in long-term foraging ecology of belugas and narwhals (submitted) | 2.4, 3.4 |
| JWG/2020/FI09 | Golder Associates Ltd. (2020). 2019 Marine Mammal Aerial Survey: Mary River Project. Report submitted to Baffinland Iron Mines Corporation. | 2.2, 3.2, 4.1 |
| JWG/2020/FI10 | Watt, C.A., Marcoux, M., Ferguson, S.H., Hammill, M.O. and Matthews, C.J.D. (In press). Population dynamics of the threatened Cumberland Sound beluga population. | 3.3 |
| JWG/2020/FI11 | Robeck, T. R., Monfort, S. L., Calle, P. P., Dunn, J. L., Jensen, E., Boehm, J. R., ... & Clark, S. T. (2005). Reproduction, growth and development in captive beluga (Delphinapterus leucas). *Zoo Biology: Published in affiliation with the American Zoo and Aquarium Association*, *24*(1), 29-49. | 3.4 |