

REFERENCES

- Aarts, G., A.M. von Benda-Beckmann, K. Lucke, H.Ozkan Sertlek, R. van Bemmelen, S.C. V. Geelhoed, S. Brasseur, M. Scheidat, F.P.A. Lam, H. Slabbekoorn, and R. Kirkwood. 2016. Harbour porpoise movement strategy affects cumulative number of animals acoustically exposed to underwater explosions. *Mar. Ecol. Prog. Ser.* 557:261-275.
- Acosta, A., N. Nino-Rodriguez, M.C. Yepes, and O. Boisseau. 2017. Mitigation provisions to be implemented for marine seismic surveying in Latin America: a review based on fish and cetaceans. *Aquat. Biol.* 199-216.
- Aguilar Soto, N., M. Johnson, P.T. Madsen, P.L. Tyack, A. Bocconcelli, and J.F. Borsani. 2006. Does intense ship noise disrupt foraging in deep-diving Cuvier's beaked whales (*Ziphius cavirostris*)? *Mar. Mamm. Sci.* 22(3):690-699.
- Aguilar, A. 2009. Fin whale *Balaenoptera physalus*. p. 433-437 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd edit. Academic Press, San Diego, CA. 1316 p.
- Allen, G.M. 1942. Extinct and vanishing mammals of the Western Hemisphere with the marine species of all oceans. *Spec. Publ. Am. Comm. Intern. Wildl. Protection No.11.* 620 p.
- Anderson, R.C., R. Clark, P.T. Madsen, C. Johnson, J. Kiszka, and O. Breysse. 2006. Observations of Longman's beaked whale (*Indopacetus pacificus*) in the western Indian Ocean. *Aquat. Mamm.* 32(2):223-231.
- Anderwald, P., A. Brandecker, M. Coleman, C. Collins, H. Denniston, M.D. Haberlin, M. O'Donovan, R. Pinfield, F. Visser, and L. Walshe. 2013. Displacement responses of a mysticete, an odontocete, and a phocid seal to construction-related vessel traffic. *Endang. Spec. Res.* 21(3):231-240.
- Archer, F.I. 2009. Striped dolphin *Stenella coeruleoalba*. p. 1127-1129 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Aschettino, J.M. 2010. Population size and structure of melon-headed whales (*Peponocephala electra*) around the main Hawaiian Islands: evidence of multiple populations based on photographic data. M.Sc. Thesis, Hawai'i Pacific University. 177 p.
- 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 (*Peponocephala electra*) in the Hawaiian Archipelago: evidence of multiple populations based on photo-identification. *Mar. Mamm. Sci.* 28(4):666-689.
- Au, D.K.W. and W.L. Perryman. 1985. Dolphin habitats in the eastern tropical Pacific. *Fish. Bull.* 83(4):623-643.

Azzara, A.J., W.M. von Zahren, and J.J. Newcomb. 2013. Mixed-methods analytic approach for determining potential impacts of vessel noise on sperm whale click behavior. *J. Acoust. Soc. Am.* 134(6):4566-4574.

Baird, R.W. 2009b. False killer whale *Pseudorca crassidens*. p. 405-406 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd ed. Academic Press, San Diego, CA. 1316 p.

Baird, R.W., D. Cholewiak, D.L. Webster, G.S. Schorr, S.D. Mahaffy, C. Curtice, J. Harrison, and S.M. Van Parijs. 2015. 5. Biologically important areas for cetaceans within U.S. waters – Hawai'i Region. *Aquatic Mamm.* 41(1):54-64.

Baird, R.W., D.L. Webster, D.J. McSweeney, A.D. Ligon, G.S. Schorr, and J. Barlow. 2006. Diving behavior and ecology of Cuvier's (*Ziphius cavirostris*) and Blainville's (*Mesoplodon densirostris*) beaked whales in Hawaii. *Can. J. Zool.* 84(8):1120-1128.

Baird, R.W., D.L. Webster, J.M. Aschettino, G.S. Schorr, and D.J. McSweeney. 2013. Odontocete cetaceans around the main Hawaiian Islands: Habitat use and relative abundance from small-boat sighting surveys. *Aquat. Mamm.* 39(3):253-269.

Baird, R.W., G.S. Schorr, D.L. Webster, D.J. McSweeney, M.B. Hanson, and R.D. Andrews. 2010. Movements and habitat use of satellite-tagged false killer whales around the main Hawaiian Islands. *End. Spec. Res.* 10:107-121.

Baird, R.W., G.S. Schorr, D.L. Webster, D.J. McSweeney, M.B. Hanson, and R.D. Andrews. 2011. Movements of two satellite-tagged pygmy killer whales (*Feresa attenuata*) off the island of Hawai'i. *Mar. Mamm. Sci.* 27(4):E332-E337.

Baird, R.W., M.B. Hanson, G.S. Schorr, D.L. Webster, D.J. McSweeney, A.M. Gorgone, S.D. Mahaffy, D.M. Holzer, E.M. Oleson, and R.D. Andrews. 2012. Range and primary habitats of Hawaiian insular false killer whales: informing determination of critical habitat. *Endang. Species Res.* 18:47-61.

Baker, C.S. and L.M. Herman. 1989. Behavioral responses of summering humpback whales to vessel traffic: experimental and opportunistic observations. NPS-NR-TRS-89-01. Rep. from Kewalo Basin Mar. Mamm. Lab., Univ. Hawaii, Honolulu, HI, for U.S. Natl. Park Serv., Anchorage, AK. 50 p. NTIS PB90-198409.

Baker, C.S., D. Steel, J. Calambokidis, E. Falcone, U. Gonzalez-Peral, J. Barlow, A.M. Burdin, P.J. Clapham, J.K.B. Ford, C.M. Gabriele, D. Mattila, L. Rojas-Bracho, J.M. Straley, B.L. Taylor, J. Urban, P.R. Wade, D. Weller, B.H. Witteveen, and M. Yamaguchi. 2013. Strong maternal fidelity and natal philopatry shape genetic structure in North Pacific humpback whales. *Mar. Ecol. Prog. Ser.* 494:291-306.

Baker, C.S., L.M. Herman, B.G. Bays, and G.B. Bauer. 1983. The impact of vessel traffic on the behavior of humpback whales in southeast Alaska: 1982 season. Rep. from Kewalo Basin Mar. Mamm. Lab., Honolulu, HI, for U.S. Nat. Mar. Mamm. Lab., Seattle, WA. 30 p.

Baker, C.S., L.M. Herman, B.G. Bays, and W.F. Stifel. 1982. The impact of vessel traffic on the behavior of humpback whales in southeast Alaska. Rep. from Kewalo Basin Mar. Mamm. Lab., Honolulu, HI, for U.S. Natl. Mar. Fish. Serv., Seattle, WA. 78 p.

Baker, J.D. and T.C. Johanos. 2004. Abundance of the Hawaiian monk seal in the main Hawaiian Islands. *Biol. Conserv.* 116(1):103-110.

Balcomb, K.C. 1989. Baird's beaked whales *Berardius bairdii* Stejneger, 1883; Arnoux's beaked whale *Berardius arnuxii* Duvernoy, 1851. p. 261-288 *In*: Ridgway, S.H. and S.R. Harrison (eds.), Handbook of marine mammals, Vol. 4: River dolphins and the larger toothed whales. Academic Press, London, U.K. 442 p.

Barber, JR, Crooks, K.R., Fristrup, K.M. 2010. The costs of chronic noise exposure for terrestrial organisms. *Trends Ecol Evol.* 2010 Mar;25(3):180-9.

Barkaszi, M.J., M. Butler, R. Compton, A. Unietis, and B. Bennet. 2012. Seismic survey mitigation measures and marine mammal observer reports. U.S. Dept. of the Interior, Bureau of Ocean Energy Management, Gulf of Mexico OCS Region, New Orleans, LA. OCS Study BOEM 2012-015. 28 pp + apps.

Barlow, J. 2006. Cetacean abundance in Hawaiian waters estimated from a summer/fall survey in 2002. *Mar. Mamm. Sci.* 22(2):446-464.

Barlow, J. 2015. Inferring trackline detection probabilities, $g(0)$, for cetaceans from apparent densities in different survey conditions. *Mar. Mamm. Sci.* 31(3):923-943.

Barlow, J. 2016. Cetacean abundance in the California Current estimated from ship-based line-transect surveys in 1991-2014. National Oceanic and Atmospheric Administration (NOAA) Administrative Rep. LJ-16-01. 31 p. + appendix.

Barlow, J. and B. Taylor. 2005. Estimates of sperm whale abundance in the northeast temperate Pacific from a combined visual and acoustic survey. *Mar. Mamm. Sci.* 21(3):429-445.

Barlow, J., J. Calambokidis, E.A. Falcone, C.S. Baker, A.M. Burdin, P.J. Clapham, J.K.B. Ford, C.M. Gabriele, R. LeDuc, D.K. Mattila, T.J. Quinn, L. Rojas-Bracho, J.M. Straley, B.L. Taylor, J. Urban R., P. Wade, D. Weller, B.H. Witteveen, and M. Yamaguchi. 2011. Humpback whale abundance in the North Pacific estimated by photographic capture-recapture with bias correction from simulation studies. *Mar. Mamm. Sci.* 27(4):793-818.

Barlow, J., S. Rankin, A. Jackson, and A. Henry. 2008. Marine mammal data collected during the Pacific Islands cetacean and ecosystem assessment survey (PICEAS) conducted aboard the NOAA ship *McArthur II*, July–November 2005. NOAA Tech. Memo. NMFS-SWFSC-420. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 27 p.

Barlow, J., S. Rankin, E. Zele, and J. Appler. 2004. Marine mammal data collected during the Hawaiian Islands cetacean and ecosystem assessment survey (HICEAS) conducted aboard the NOAA ships

McArthur and David Starr Jordan, July–December 2002. NOAA Tech. Memo. NMFS-SWFSC-362. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 39 p.

Barros, N.B., D.A. Duffield, P.H. Ostrom, D.K. Odell, and V.R. Cornish. 1998. Nearshore vs. offshore ecotype differentiation of *Kogia breviceps* and *K. simus* based on hemoglobin, morphometric and dietary analyses. Abstr. World Mar. Mamm. Sci. Conf., Monaco, 20–24 January 1998.

Baumann-Pickering, S., A.E. Simonis, E.M. Oleson, R.W. Baird, M.A. Roch, and S.M. Wiggins. 2015. False killer whale and short-finned pilot whale acoustic identification. *Endang. Spec. Res.* 28:97-108.

Baumann-Pickering, S., A.E. Simonis, J.S. Trickey, M.A. Roch, and E.M. Oleson. 2016. Beaked whale species occurrence in the central Pacific and their relation to oceanographic features. *J. Acoust. Soc. Am.* 140(4):3017-3017.

Baumann-Pickering, S., M.A. Roch, R.L. Brownell Jr., A.E. Simonis, M.A. McDonald, A. Solsona-Berga, E.M. Oleson, S.M. Wiggins, and J.A. Hildebrand. 2014. Spatio-temporal patterns of beaked whale echolocation signals in the North Pacific. *PLoS One* 9(1):e86072. doi:10.1371/journal.pone.0086072.

Beauchamp, Guy & Livoreil, Barbara. 1997. The effect of group size on vigilance and feeding rate in spice finches (*Lonchura punctata*). *Canadian Journal of Zoology.* 75. 1526-1531. 10.1139/z97-776.

Bettridge, S., C.S. Baker, J. Barlow, P.J. Clapham, M. Ford, D. Gouveia, D.K. Mattila, R.M. Pace III, P.E. Rosel, G.K. Silber, and P.R. Wade. 2015. Status review of the humpback whale (*Megaptera novaeangliae*) under the Endangered Species Act. NOAA Tech. Memo. NMFS-SWFSC-540. Nat. Mar. Fish. Service, Southwest Fish. Sci. Center, La Jolla, CA. 240 p.

Bittencourt, L., I.M.S. Lima, L.G. Andrade, R.R. Carvalho, T.L. Bisi, J. Lailson-Brito, Jr., and A.F. Azevedo. 2016. Underwater noise in an impacted environment can affect Guiana dolphin communication. *Mar. Poll. Bull.* <https://doi.org/10.1016/j.marpolbul.2016.10.037>.

Blackwell, S.B., C.S. Nations, T.L. McDonald, A.M. Thode, D. Mathias, K.H. Kim, C.R. Greene, Jr., and A.M. Macrander. 2015. Effects of airgun sounds on bowhead whale calling rates: Evidence for two behavioral thresholds. *PLoS ONE* 10(6):e0125720. doi:10.1371/journal.pone.0125720.

Blackwell, S.B., C.S. Nations, T.L. McDonald, C.R. Greene, Jr., A.M. Thode, M. Guerra, and A.M. Macrander. 2013. Effects of airgun sounds on bowhead whale calling rates in the Alaskan Beaufort Sea. *Mar. Mamm. Sci.* <https://doi.org/10.1111/mms.12001>.

Blair, H.B., N.D. Merchant, A.S. Friedlaender, D.N. Wiley, and S.E. Parks. 2016. Evidence for ship noise impacts on humpback whale foraging behaviour. *Biol. Lett.* 12:20160005.

Blecha, F. 2000. Immune system response to stress. Pages 111-122 in G.P. Moberg and J.A. Mench, eds. *The Biology of Animal Stress: Basic Principles and Implications for Animal Welfare*. CABI Publishing, Oxon, United Kingdom. Bonnell, M.L., M.O. Pierson, and G.D. Farrens. 1983. Pinnipeds and sea otters of

central and northern California, 1980-1983: Status, abundance and distribution. Prepared by Center for Marine Studies, University of California for Minerals Management Service: 220.

Boveng, P.L., J.L. Bengtson, M.F. Cameron, S.P. Dahle, E.A. Logerwell, J.M. London, J.E. Overland, J.T. Sterling, D.E. Stevenson, B.L. Taylor, and H.L. Ziel. 2008. Status review of the ribbon seal (*Histriophoca fasciata*). U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-255. 174 p.

Bowles, A. E., Smultea, M., Würsig, B., DeMaster, D. P. & Palka, D. (1994) Relative abundance and behavior of marine mammals exposed to transmissions from the Heard Island Feasibility Test. Journal of the Acoustical Society of America 96, 2469–2484

Bradford, A.L. and K.A. Forney. 2014. Injury determinations for cetaceans observed interacting with Hawaii and American Samoa longline fisheries during 2008–2012. NOAA Tech. Memo. NMFS-PIFSC-41. Nat. Mar. Fish. Serv., Pac. Isl. Fish. Sci. Center, Honolulu, HI. 38 p. + app.

Bradford, A.L., E.M. Oleson, R.W. Baird, C.H. Boggs, K.A. Forney, and N.C. Young. 2015. Revised stock boundaries for false killer whales (*Pseudorca crassidens*) in Hawaiian waters. NOAA Tech Memo. NMFS-PIFSC-47. Nat. Mar. Fish. Serv., Pac. Isl. Fish. Sci. Center, Honolulu, HI. 29 p.

Bradford, A.L., K.A. Forney, E.M. Oleson, and J. Barlow. 2013. Line-transect abundance estimates of cetaceans in the Hawaii EEZ. PIFSC Working Pap. WP-13-004, 29 March 2013. Nat. Mar. Fish. Serv., Pac. Isl. Fish. Sci. Center, Honolulu, HI. 16 p.

Bradford, A.L., K.A. Forney, E.M. Oleson, and J. Barlow. 2014. Accounting for subgroup structure in line-transect abundance estimates of false killer whales (*Pseudorca crassidens*) in Hawaiian waters. PLoS ONE 9(2):e90464. doi:10.1371/journal.pone.0090464.

Bradford, A.L., K.A. Forney, E.M. Oleson, and J. Barlow. 2017. Abundance estimates of cetaceans from a line-transect survey within the U.S. Hawaiian Islands Exclusive Economic Zone. Fish. Bull. 115(2):129-142.

Bradshaw, C.J.A., S. Boutin, and D.M. Hebert. 1998. Energetic implications of disturbance caused by petroleum exploration to woodland caribou. Canadian Journal of Zoology 76 (7):1319-1324.

Branch, T.A., D.P. Palacios, and C.C. Monnahan. 2016. Overview of North Pacific blue whale distribution, and the need for an assessment of the western and central Pacific. Paper SC/66b/IA 15 presented to the International Whaling Commission. 12 p.

Branch, T.A., K.M. Stafford, D.M. Palacios, C. Allison, J.L. Bannister, C.L.K. Burton, E. Cabrera, C.A. Carlson, B. Galletti Vernazzani, P.C. Gill et al. 2007. Past and present distribution, densities, and movements of blue whales *Balaenoptera musculus* in the Southern Hemisphere and northern Indian Ocean. Mamm. Rev. 37(2):116-175.

- Branstetter, B.K., J.S. Trickey, H. Aihara, J.J. Finneran, and T.R. Liberman. 2013. Time and frequency metrics related to auditory masking of a 10 kHz tone in bottlenose dolphins (*Tursiops truncatus*). *J. Acoust. Soc. Am.* 134(6):4556-4565.
- Branstetter, B.K., K.L. Bakhtiari, J.S. Trickey, and J.J. Finneran. 2016. Hearing mechanisms and noise metrics related to auditory masking in bottlenose dolphins (*Tursiops truncatus*). p. 109-116 *In*: A.N. Popper and A. Hawkins (eds.), *The Effects of Noise on Aquatic Life II*. Springer, New York, NY. 1292 p.
- Bröker, K., G. Gailey, J. Muir, and R. Racca. 2015. Monitoring and impact mitigation during a 4D seismic survey near a population of gray whales off Sakhalin Island, Russia. *Endang. Species Res.* 28:187-208.
- Bröker, K., J. Durinck, C. Vanman, and B. Martin. 2013. Monitoring of marine mammals and the sound scape during a seismic survey in two license blocks in the Baffin Bay, West Greenland, in 2012. p. 32 *In*: *Abstr. 20th Bienn. Conf. Biol. Mar. Mamm., 9–13 December 2013, Dunedin, New Zealand.* 233 p.
- Brownell, R.L., Jr., P.J. Clapham, T. Miyashita, and T. Kasuya. 2001. Conservation status of North Pacific right whales. *J. Cetac. Res. Manage. Spec. Iss.* 2:269-286.
- Buckland, S.T., K.L. Cattanach, and R.C. Hobbs. 1993. Abundance estimates of Pacific white-sided dolphin, northern right whale dolphin, Dall's porpoise and northern fur seal in the North Pacific, 1987-1990. *Int. North Pacific Fish. Comm. Bull.* 53(3):387-407.
- Burns, J. J. 1970. Remarks on the distribution and natural history of pagophilic pinnipeds in the Bering and Chukchi Seas. *J. Mammal.* 51:445-454.
- Burns, J. J. 1981. Ribbon seal-*Phoca fasciata*. p. 895-109, *In* S. H. Ridgway and R. J. Harrison (eds.), *Handbook of Marine Mammals. Vol. 2. Seals.* Academic Press, New York.
- Calambokidis, J. 2013. Updated abundance estimates of blue and humpback whales off the US west coast incorporating photo-identifications from 2010 to 2011. Document PSRG-2013-13 presented to the Pacific Scientific Review Group, April 2013. 7 p. Accessed in January 2016 at
- Calambokidis, J., E.A. Falcone, T.J. Quinn, A.M Burdin, P.J. Clapham, J.K.B. Ford, C.M. Gabriele, R. LeDuc, D. Mattila, L. Rojas-Bracho, J.M. Straley, B.L. Taylor, J. Urban R., D. Weller, B.H. Witteveen, M. Yamaguchi, A. Bendlin, D. Camacho, K. Flynn, A. Havron, J. Huggins, and N. Maloney. 2008. SPLASH: structure of populations, levels of abundance and status of humpback whales in the North Pacific. Rep. AB133F-03-RP-0078 for U.S. Dept. of Comm., Seattle, WA. Accessed in January 2016 at https://swfsc.noaa.gov/uploadedFiles/Divisions/PRD/Projects/Research_Cruises/Hawaii_and_Alaska/SP LASH/SPLASH-contract-Report-May08.pdf.
- Calambokidis, J., G.H Steiger, K. Rasmussen, J. Urbán R., K.C. Balcomb, P. Ladrón De Guevara, M. Salinas Z., J.K. Jacobsen, C.S. Baker, L.M. Herman, S. Cerchio, and J.D. Darling. 2000. Migratory destinations of humpback whales from the California, Oregon and Washington feeding ground. *Mar. Ecol. Prog. Ser.* 192:295-304.

- Calambokidis, J., G.H. Steiger, J.M. Straley, L.M. Herman, S. Cerchio, D.R. Salden, J. Urbán R., J.K. Jacobsen, O. von Ziegesar, K.C. Balcomb, C.M. Gabrielle, M.E. Dahlheim, S. Uchida, G. Ellis, Y. Miyamura, P.L. de Guevara, M. Yamaguchi, F. Sato, S.A. Mizroch, L. Schlender, K. Rasmussen, J. Barlow, and T.J. Quinn II. 2001. Movements and population structure of humpback whales in the North Pacific. *Mar. Mamm. Sci.* 17(4):769-794.
- Campana, I., R. Crosti, D. Angeletti, L. Carosso, L. Davis, N. Di-Méglio, A. Moulins, M. Rosso, P. Tepsich, and A. Arcangeli. 2015. Cetacean response to summer maritime traffic in the western Mediterranean Sea. *Mar. Environ. Res.* 109:1-8.
- Carretta, J.V., K.A. Forney, E.M. Oleson, D.W. Weller, A.R. Lang, J. . Baker, M.M. Muto, B. Hanson, A.J. Orr, H. Huber, M.S. Lowry, J. Barlow, J.E. Moore, D. Lynch, L. Carswell, and R.L. Brownwell Jr. 2017. U.S. Pacific marine mammal stock assessments: 2016. NOAA Tech. Memo. NOAA-TM-NMFS-SWFSC-577. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 407 p.
- Castellote, M., C.W. Clark, and M.O. Lammers. 2012. Acoustic and behavioural changes by fin whales (*Balaenoptera physalus*) in response to shipping and airgun noise. *Biol. Conserv.* 147(1):115-122.
- Cerchio, S., S. Strindberg, T. Collins, C. Bennett, and H. Rosenbaum. 2014. Seismic surveys negatively affect humpback whale singing activity off northern Angola. *PLoS ONE* 9(3):e86464. doi:10.1371/journal.pone.0086464.
- Chivers, S.J., R.W. Baird, K.M. Martien, B.L. Taylor, E. Archer, A.M. Gorgone, B.L. Hancock, N.M. Hedrick, D. Matilla, D.J. McSweeney, E.M. Oleson, C.L. Palmer, V. Pease, K.M. Robertson, J. Robbins, J.C. Salinas, G.S. Schorr, M. Schultz, J.L. Thieleking, and D.L. Webster. 2010. Evidence of genetic differentiation for Hawai'i insular false killer whales (*Pseudorca crassidens*). NOAA Tech. Memo. NMFS-SWFSC-458. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 44 p.
- Chrousos, G.P. 2000. The role of stress and the hypothalamic-pituitary-adrenal axis in the pathogenesis of the metabolic syndrome: neuro-endocrine and target tissue-related causes. *Int J Obes Relat Metab Disord.* 2000 Jun; 24 Suppl 2:S50-5.
- Clapham, P.J. 2009. Humpback whale. p. 582-595 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd edit. Academic Press, San Diego, CA. 1316 p.
- Clapham, P.J., C. Good, S.E. Quinn, R.R. Reeves, J.E. Scarff, and R.L. Brownell, Jr. 2004. Distribution of North Pacific right whales (*Eubalaena japonica*) as shown by 19th and 20th century whaling catch and sighting records. *J. Cetac. Res. Manage.* 6(1):1-6.
- Clark, C.W. and G.C. Gagnon. 2006. Considering the temporal and spatial scales of noise exposures from seismic surveys on baleen whales. Working Pap. SC/58/E9. *Int. Whal. Comm.*, Cambridge, U.K. 9 p.

- Clark, C.W., W.T. Ellison, B.L. Southall, L. Hatch, S.M. Van Parijs, A. Frankel, and D. Ponirakis. 2009. Acoustic masking in marine ecosystems: intuitions, analysis, and implication. *Mar. Ecol. Prog. Ser.* 395:201-222.
- Clyne, H. 1999. Computer simulations of interactions between the North Atlantic Right Whale (*Eubaleana glacialis*) and shipping.
- Conn, P. B., and G. K. Silber. 2013. Vessel speed restrictions reduce risk of collision-related mortality for North Atlantic right whales. *Ecosphere* 4(4):43.
- Connor, Richard & Heithaus, Michael. (2006). Approach by Great White shark elicits flight response in bottlenose dolphins. *Marine Mammal Science*. 12. 602 - 606.
- Costa, D.P., L. Schwarz, P. Robinson, R. Schick, P.A. Morris, R. Condit, D.E. Crocker, and A.M. Kilpatrick. 2016a. A bioenergetics approach to understanding the population consequences of disturbance: elephant seals as a model system. p. 161-169 *In*: A.N. Popper and A. Hawkins (eds.), *The Effects of Noise on Aquatic Life II*. Springer, New York, NY. 1292 p.
- Costa, D.P., L.A. Hückstädt, L.K. Schwarz, A.S. Friedlaender, B.R. Mate, A.N. Zerbini, A. Kennedy, and N.J. Gales. 2016b. Assessing the exposure of animals to acoustic disturbance: towards an understanding of the population consequences of disturbance. *Proceedings of Meetings on Acoustics* 4ENAL 27(1):010027. doi:10.1121/2.0000298.
- Cox et al. 2006. Understanding the impacts of anthropogenic sound on beaked Whales. *J. CETACEAN RES. MANAGE.* 7(3):177–187, 2006
- Creel, S., J. Winnie Jr., B. Maxwell, K. Hamlin, M. Creel. 2005. Elk Alter Habitat Selection As An Antipredator Response To Wolves. *Ecology* Volume 86, Issue 12.
- Croll, Donald & Acevedo-Gutiérrez, Alejandro & Tershy, Bernie & Urban, Jorge. (2001). The diving behavior of blue and fin whales: Is dive duration shorter than expected based on oxygen stores?. *Comparative biochemistry and physiology. Part A, Molecular & integrative physiology.* 129. 797-809. 10.1016/S1095-6433(01)00348-8.
- Culloch, R.M., P. Anderwald, A. Brandecker, D. Haberlin, B. McGovern, R. Pinfield, F. Visser, M. Jessopp, and M. Cronin. 2016. Effect of construction-related activities and vessel traffic on marine mammals. *Mar. Ecol. Prog. Ser.* 549:231-242.
- Daan, S., Deerenberg, C., and Dijkstra, C. 1996. Increased daily work precipitates natural death in the kestrel. *J. Anim. Ecol.* 65: 539–44.
- Dahlheim, M. and M. Castellote. 2016. Changes in the acoustic behavior of gray whales *Eschrichtius robustus* in response to noise. *Endang. Species Res.* 31:227-242.

- Dahlheim, M.E. and R.G. Towell. 1994. Occurrence and distribution of Pacific white-sided dolphins (*Lagenorhynchus obliquidens*) in southeastern Alaska, with notes on an attack by killer whales (*Orcinus orca*). *Mar. Mamm. Sci.* 10(4):458-464.
- Dalebout, M.L., C.S. Baker, D. Steel, K. Thompson, K.M. Robertson, S.J. Chivers, W.F. Perrin, M. Gonnatilake, R.C. Anderson, J.G. Mead, C.W. Potter, L. Thompson, D. Jupiter, and T.K. Yamada. 2014. Resurrection of *Mesoplodon hotaula* Deraniyagala 1963: a new species of beaked whale in the tropical Indo-Pacific. *Mar. Mamm. Sci.* 30(3):1081-1108.
- Darling, J.D. and S. Cerchio. 1993. Movement of a humpback whale (*Megaptera novaeangliae*) between Japan and Hawaii. *Mar. Mamm. Sci.* 9(1):84-89.
- Darling, J.D., J. Calambokidis, K.C. Balcomb, P. Bloedel, K. Flynn, A. Mochizuki, K. Mori, F. Sato, H. Suganuma, and M. Yamaguchi. 1996. Movement of a humpback whale (*Megaptera novaeangliae*) from Japan to British Columbia and return. *Mar. Mamm. Sci.* 12(2):281-287.
- Davis, R.W., G.S. Fargion, N. May, T.D. Leming, M. Baumgartner, W.E. Evans, L.J. Hansen, and K. Mullin. 1998. Physical habitat of cetaceans along the continental slope in the north-central and western Gulf of Mexico. *Mar. Mamm. Sci.* 14(3):490-507.
- de Vries, Sjerp & Verheij, Robert & Groenewegen, Peter & Spreeuwenberg, Peter. (2003). Natural environments - Healthy environments? An exploratory analysis of the relationship between greenspace and health. *Environment and Planning A.* 35. 1717-1731.
- Di Iorio, L. and C.W. Clark. 2010. Exposure to seismic survey alters blue whale acoustic communication. *Biol. Lett.* 6(1):51-54.
- Diebold, J.B., M. Tolstoy, L. Doermann, S.L. Nooner, S.C. Webb, and T.J. Crone. 2010. R/V *Marcus G. Langseth* seismic source: modeling and calibration. *Geochem. Geophys. Geosyst.* 11(12):Q12012. doi:10.1029/2010GC003126. 20 p.
- Dizon, A.E., S.O. Southern, and W.F. Perrin. 1991. Molecular analysis of mtDNA types in exploited populations of spinner dolphins (*Stenella longirostris*). *Rep. Int. Whal. Comm. Spec. Iss.* 15:355-363.
- Dolar, M.L.L. 2009. Fraser's dolphin *Lagenodelphis hosei*. In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*. Academic Press, San Diego, CA. 1316 p.
- DoN (U.S. Department of the Navy). 2005. Marine resources assessment for the Hawaiian Islands Operating Area. Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. Contract No. N62470-02-D-9997, CTO 0026. Prepared by Geo-Marine, Inc., Plano, TX.
- Donahue, M.A. and W.L. Perryman. 2009. Pygmy killer whale, *Feresa attenuata*. p. 938-939 In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Donovan, G.P. 1991. A review of IWC stock boundaries. *Rep. Int. Whal. Comm. Spec. Iss.* 13:39-63.

- Duffield, D.A., S.H. Ridgway, and L.H. Cornell. 1983. Hematology distinguishes coastal and offshore forms of dolphins (*Tursiops*). *Can. J. Zool.* 61(4):930-933.
- Dunlop, R.A. 2015. The effect of vessel noise on humpback whale, *Megaptera novaeangliae*, communication behaviour. *Animal Behav.* 111:13-21.
- Dyndo, M., D.M. Wisniewska, L. Rojano-Doñate, and P.T. Madsen. 2015. Harbour porpoises react to low levels of high frequency vessel noise. *Sci. Rep.* 5:11083. <http://dx.doi.org/doi:10.1038/srep11083>.
- Edwards, E.F., C. Hall, T.J. Moore, C. Sheredy, J.V. Redfern. 2015. Global distribution of fin whales *Balaenoptera physalus* in the post-whaling era (1980–2012). *Mamm. Rev.* 45:197-214.
- Ellison, W.T., B.L. Southall, C.W. Clark, and A.S. Frankel. 2012. A new context-based approach to assess marine mammal behavioral responses to anthropogenic sounds. *Conserv. Biol.* 26(1):21-28.
- Erbe, C., C. Reichmuth, K. Cunningham, K. Lucke, and R. Dooling. 2015. Communication masking in marine mammals: a review and research strategy. *Mar. Poll. Bull.* doi:10.1016/j.marpolbul.2015.12.007.
- Erbe, C., C. Reichmuth, K. Cunningham, K. Lucke, and R. Dooling. 2016. Communication masking in marine mammals: a review and research strategy. *Mar. Poll. Bull.* 103:15-38.
- Evans, D.L. and G.R. England. 2001. Joint interim report: Bahamas marine mammal stranding event of 15-16 March 2000. U.S. Navy and National Marine Fisheries Service: 66.
- Evans, P.G.H. 1987. The natural history of whales and dolphins. Christopher Helm, Bromley, Kent, U.K. 343 p.
- Evans, W.E. 1994. Common dolphin, white-bellied porpoise *Delphinus delphis* Linnaeus, 1758. p. 191-224 *In*: S.H. Ridgway and R. Harrison (eds.) Handbook of marine mammals, Vol. 5. The first book of dolphins. Academic Press, San Diego, CA. 416 p.
- Fair, Patricia & Becker, Paul. (2000). Review of stress in marine mammals. *Journal of Aquatic Ecosystem Stress and Recovery.* 7. 335-354. 10.1023/A:1009968113079.
- Ferrero, R.C. and W.A. Walker. 1996. Age, growth and reproductive patterns of the Pacific white-sided dolphin (*Lagenorhynchus obliquidens*) taken in high seas driftnets in the central North Pacific Ocean. *Can. J. Zool.* 74(9):1673-1687.
- Finneran, J.J. 2015. Noise-induced hearing loss in marine mammals: A review of temporary threshold shift studies from 1996 to 2015. *J. Acoust. Soc. Am.* 138(3):1702-1726.
- Finneran, J.J. and B.K. Branstetter. 2013. Effects of noise on sound perception in marine mammals. p. 273-308 *In*: H. Brumm (ed.), Animal communication and noise. Springer Berlin, Heidelberg, Germany. 453 p.

- Finneran, J.J., C.E. Schlundt, B.K. Branstetter, J.S. Trickey, V. Bowman, and K. Jenkins. 2015. Effects of multiple impulses from a seismic air gun on bottlenose dolphin hearing and behavior. *J. Acoust. Soc. Am.* 137(4):1634-1646.
- Fleming, A., and J. Jackson. 2011. Global review of humpback whales (*Megaptera novaeangliae*). NOAA Tech. Memo. NMFS-SWFSC-474. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 206 p.
- Foote et al., 2004. A.D. Foote, R.W. Osborne, A.R. Hoelzel Environment: whale-call response to masking boat noise *Nature*, 428 (2004) 910–910
- Ford J. K. B. 2009 Killer whale *Orcinus orca*. In *Encyclopedia of marine mammals*, 2nd edn (eds Perrin W. F., Wursig B., Thewissen J. G. M.), pp. 650–657. San Diego, CA: Academic Press. Googl
- Ford, J.K.B. and R.R. Reeves. 2008. Fight or flight: Antipredator strategies of baleen whales. *Mammal Review* 38 (1):50-86.
- Forney, K.A. and P.R. Wade. 2006. Worldwide distribution and abundance of killer whales. Pages 145-162 In: J.A. Estes, D.P. DeMaster, D.F. Doak, T.M. Williams, and R.L. Brownell, Jr. (eds.) *Whales, Whaling and Ocean Ecosystems*. University of California Press, Berkely.
- Forney, K.A., E.A. Becker, D.G. Foley, J. Barlow, and E.M. Oleson. 2015. Habitat-based models of cetacean density and distribution in the central North Pacific. *Endang. Species Res.* 27:1-20.
- Francis, Clinton & Barber, Jesse. (2013). A framework for understanding noise impacts on wildlife: An urgent conservation priority. *Frontiers in Ecology and the Environment.* 11. 10.1890/120183.
- Frankel A.S., C.W. Clark, L.M. Herman, and C.M. Gabriele. 1995. Spatial distribution, habitat utilization, and social interactions of humpback whales (*Megaptera novaeangliae*), off Hawai'i, determined using acoustic and visual techniques. *Can. J. Zool.* 73(6):1134-1146.
- Fritz, H., M. Guillemain, and D. Durant. 2002. The cost of vigilance for intake rate in the mallard (*Anas platyrhynchos*): An approach through foraging experiments. *Ethology, Ecology and Evolution* 14 (2):91-97.
- Gailey, G., B. Würsig, and T.L. McDonald. 2007. Abundance, behavior, and movement patterns of western gray whales in relation to a 3-D seismic survey, northeast Sakhalin Island, Russia. *Environmental Monitoring and Assessment* 134 (1-3):75-
- Gailey, G., B. Würsig, and T.L. McDonald. 2007. Abundance, behavior, and movement patterns of western gray whales in relation to a 3-D seismic survey, northeast Sakhalin Island, Russia. *Environ. Monit. Assess.* 134(1-3):75-91.
- Gailey, G., O. Sychenko, T. McDonald, R. Racca, A. Rutenko, and K. Bröker. 2016. Behavioural responses of western gray whales to a 4-D seismic survey off northeastern Sakhalin Island, Russia. *Endang. Species Res.* 30:53-71.

Gambell, R. 1985. Fin whale *Balaenoptera physalus* (Linnaeus, 1758). p. 171-192 In: S.H. Ridgway and R. Harrison (eds.), Handbook of marine mammals, Vol. 3: The sirenians and baleen whales. Academic Press, London, U.K. 362 p.

Gannier, A. 2002. Cetaceans of the Marquesas Islands (French Polynesia): distribution and relative abundance as obtained from a small boat dedicated survey. *Aquat. Mamm.* 28(2):198-210.

Garrigue, C., P.J. Clapham, Y. Geyer, A.S. Kennedy, and A.N. Zerbini. 2015. Satellite tracking reveals novel migratory patterns and the importance of seamounts for endangered South Pacific humpback whales. *R. Soc. Open Sci.* 2:150489. <http://dx.doi.org/10.1098/rsos.150489>.

Geraci *et al.*, 1976; Eaton, 1979; Odell *et al.*, 1980; Best, 1982

Geraci JR, Lounsbury VJ (2005) Marine mammals ashore: a field guide for strandings. National Aquarium in Baltimore, Baltimore, MD.

Geraci, J. R., J. Harwood and V. J. Lounsbury. 1999. Marine mammal die-offs. Causes, investigations and issues, in Conservation and Management of Marine Mammals, J. R. Twiss and R. R. Reeves, R. R., Smithsonian Institution Press, Washington, DC, 367-396.

Gedamke, J. 2011. Ocean basin scale loss of whale communication space: potential impacts of a distant seismic survey. p. 105-106 In: Abstr. 19th Bienn. Conf. Biol. Mar. Mamm., Tampa, FL, 27 Nov.–2 Dec. 2011. 344 p.

Gedamke, J., N. Gales, and S. Frydman. 2011. Assessing risk of baleen whale hearing loss from seismic surveys: the effects of uncertainty and individual variation. *J. Acoust. Soc. Am.* 129(1):496-506.

Gerrodette, T. and J. Forcada. 2002. Estimates of abundance of western/southern spotted, whitebelly spinner, striped and common dolphins, and pilot, sperm and Bryde's whales in the eastern tropical Pacific Ocean. Admin. Rep. LJ-02-20. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 24 p.

Gerrodette, T., G. Watters, W. Perryman, and L. Balance. 2008. Estimates of 2006 dolphin abundance in the eastern tropical Pacific, with revised estimates from 1986–2003. NOAA Tech. Memo. NMFS-SWFSC-422. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 39 p.

Gervaise, C., N. Roy, Y. Simard, B. Kinda, and N. Menard. 2012. Shipping noise in whale habitat: Characteristics, sources, budget, and impact on belugas in Saguenay-St. Lawrence Marine Park hub. *J. Acoust. Soc. Am.* 132(1):76-89.

Gilmartin, W.G. and J. Forcada. 2009. Monk seals *Monachus monachus*, *M. tropicalis*, and *M. schauinslandi*. p. 741-744 In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd edit. Academic Press, San Diego, CA. 1316 p.

Gilmore, R.M. 1978. Right whale. In: D. Haley (ed.) Marine mammals of eastern North Pacific and arctic waters. Pacific Search Press, Seattle, WA.

Giorli, G., A. Neuheimer, A. Copeland, and W.W. Au. 2016. Temporal and spatial variation of beaked and sperm whales foraging activity in Hawai'i, as determined with passive acoustics. *J. Acoust. Soc. Am.* 140(4):2333-2343.

Goldbogen, J, Brandon L. Southall, Stacy L. DeRuiter, John Calambokidis, Ari S. Friedlaender, Elliott L. Hazen, Erin A. Falcone, Gregory S. Schorr, Annie Douglas, David J. Moretti, Chris Kyburg, Megan F. McKenna, Peter L. Tyack *Proc. R. Soc. B* 2013 280 20130657; DOI: 10.1098/rspb.2013.0657. Published 3 July 2013

Goold 1996. Acoustic Assessment Of Populations Of Common Dolphin *Delphinus Delphis* In Conjunction With Seismic Surveying. *J. mar. biol. Ass. U.K.* (1996), 76, 811-820.

Gordon, J., D. Gillespie, J. Potter, A. Frantzis, M.P. Simmonds, R. Swift, and D. Thompson. 2004. A review of the effects of seismic surveys on marine mammals. *Mar. Technol. Soc. J.* 37(4):16-34.

Gospić, N.R. and M. Picciulin. 2016. Changes in whistle structure of resident bottlenose dolphins in relations to underwater noise and boat traffic. *Mar. Poll. Bull.* 105:193-198.

Götz, T.; Hastie, G.; Hatch, L.; Raustein, O.; Southall, B.; Tasker, M.; Thomsen, F.; Campbell, J.; Fredheim, B. (2009). Overview Of The Impacts Of Anthropogenic Underwater Sound In The Marine Environment. Paper Presented at the OSPAR Convention.

Green, G.A., R.A. Grotefendt, M.A. Smultea, C.E. Bowlby, and R.A. Rowlett. 1993. Delphinid aerial surveys in Oregon and Washington offshore waters. Rep. by Ebasco Environmental, Bellevue, WA, for National Marine Fisheries Service, National Marine Mammal Laboratory, Seattle, WA. Contract #50ABNF200058. 35 p.

Gregg, E.J. and A.W. Trites. 2001. Predictions of critical habitat of five whale species in the waters of coastal British Columbia. *Can. J. Fish. Aquat. Sci.* 58(7):1265-1285.

Gridley, T., S.H. Elwen, G. Rashley, A.B. Krakauer, and J. Heiler. 2016. Bottlenose dolphins change their whistling characteristics in relation to vessel presence, surface behavior and group composition. *Proceedings of Meetings on Acoustics* 4ENAL 27(1):010030. <https://doi.org/10.1121/2.0000312>.

Guan, S., J. Vignola, J. Judge, and D. Turo. 2015. Airgun inter-pulse noise field during a seismic survey in an Arctic ultra shallow marine environment. *J. Acoust. Soc. Am.* 138(6):3447-3457.

Guerra, M., P.J. Dugan, D.W. Ponirakis, M. Popescu, Y. Shiu, and C.W. Clark. 2016. High-resolution analysis of seismic airgun impulses and their reverberant field as contributors to an acoustic environment. p. 371-379 In: A.N. Popper and A. Hawkins (eds.), *The Effects of Noise on Aquatic Life II*. Springer, New York, NY. 1292 p.

Guerra, M., A.M. Thode, S.B. Blackwell and M. Macrander. 2011. Quantifying seismic survey reverberation off the Alaskan North Slope. *J. Acoust. Soc. Am.* 130(5):3046-3058.

Hain, J.H.W., W.A.M. Hyman, R.D. Kenney, and H.E. Winn. 1985. The role of cetaceans in the shelf-edge region of the U.S. Mar. Fish. Rev. 47(1):13-17.

Hakamada, T. and K. Matsuoka. 2015a. Abundance estimate for sei whales in the North Pacific based on sighting data obtained during IWC-POWER surveys in 2010-2012. Paper SC/66a/IA12 presented to the IWC Scientific Committee, May 2015, San Diego, USA (unpublished). 12 p.

Hakamada, T. and K. Matsuoka. 2015b. The number of blue, fin, humpback, and North Pacific right whales in the western North Pacific in the JARPNII offshore survey area. Paper SC/F16/JR13 presented to the IWC Scientific Committee, May 2015, San Diego, USA (unpublished). 12 p.

Hakamada, T., K. Matsuoka, and T. Miyashita. 2009. Distribution and the number of western North Pacific common minke, Bryde's, sei and sperm whales distributed in JARPN II Offshore component survey area. Paper SC/J09/JR15 presented to the expert workshop to review the ongoing JARPN II Programme, Yokohama, Japan, 26-30, January 2009. 18 p. (unpublished).

Hakamada, T., M. Takahashi, K. Matsuoka, and T. Miyashita. 2017. Abundance estimate for western North Pacific Bryde's whale by sub-areas based on IWC-POWER and JARPNII sighting surveys. Paper SC/MAR17/RMP/02 presented to the RMP Bryde's whale workshop, March 2017, Tokyo, Japan. 12 p. (unpublished).

Hall, J. 1979. A survey of cetaceans of Prince William Sound and adjacent waters – their numbers and seasonal movements. Unpubl. Rep. to Alaska Outer Continental Shelf Environmental Assessment Programs. NOAA OSCEAP Juneau Project Office, Juneau, AK.

Hammond, P.S., G. Bearzi, A. Bjørge, K. Forney, L. Karczmarski, T. Kasuya, W.F. Perrin, M.D. Scott, J.Y. Wang, R.S. Wells, and B. Wilson. 2008b. *Delphinus delphis*. In: IUCN 2009: IUCN Red List of Threatened Species. Version 2009.2. Accessed on 7 January 2010 at <http://www.iucnredlist.org/apps/redlist/details/6336/0>.

Hansen, L.J., K.D. Mullin, and C.L. Roden. 1994. Preliminary estimates of cetacean abundance in the northern Gulf of Mexico, and selected species in the U.S. Atlantic exclusive economic zone from vessel surveys. Miami Lab Contrib. No. MIA-93/94-58. Nat. Mar. Fish. Serv., Southeast Fish. Sci. Center, Miami, FL. 14 p.

Harrington, F.H. and A.M. Veitch. 1992. Calving success of woodland caribou exposed to low-level jet fighter overflights. Arctic 45 (3):213-218.

Harris, C. (1998). Handbook of acoustical measurements and noise control. (3rd ed.). TX: McGraw Hill.

Harwood, J. and B. Wilson. 2001. The implications of developments on the Atlantic Frontier for marine mammals. Cont. Shelf Res. 21(8-10):1073-1093.

Hastings MC, Popper AN (2005). Effects of Sound on Fish. California Department of Transportation Contract 43A0139, Task Order 1. Available from URL:
http://www.dot.ca.gov/hq/env/bio/files/Effects_of_Sound_on_Fish23Aug05.pdf

Hatch, L.T., C.W. Clark, S.M. Van Parijs, A.S. Frankel, and D.W. Ponirakis. 2012. Quantifying loss of acoustic communication space for right whales in and around a U.S. National Marine Sanctuary. *Conserv. Biol.* 26(6):983-994.

Heiler, J., S.H. Elwen, H.J. Kriesell, and T. Gridley. 2016. Changes in bottlenose dolphin whistle parameters related to vessel presence, surface behaviour and group composition. *Animal Behav.* 117:167-177.

Henderson, E.E., S.W. Martin, R. Manzano-Roth, and B.M. Matsuyama. 2016. Occurrence and habitat use of foraging Blainville's beaked whales (*Mesoplodon densirostris*) on a US Navy range in Hawaii. *Aquatic Mamm.* 42(4):549.

Herman, L.M., C.S. Baker, P.H. Forestell, and R.C. Antinaja. 1980. Right whale, *Balaena glacialis*, sightings nears Hawaii: a clue to the wintering grounds? *Mar. Ecol. Prog. Ser.* 2(4):271-275.

Hermanssen, L., J. Tougaard, K. Beedholm, J. Nabe-Nielsen, and P.T. Madsen. 2014. High frequency components of ship noise in shallow water with a discussion of implications for harbor porpoises (*Phocoena phocoena*). *J. Acoust. Soc. Am.* 136(4):1640-1653.

Heyning, J.E. and J.G. Mead. 2009. Cuvier's beaked whale *Ziphius cavirostris*. p. 294-295 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd ed. Academic Press, San Diego, CA. 1316 p.

Heyning, J.E. and M.E. Dalheim. 1988. *Orcinus orca*. *Mammal. Spec.* 304:1-9.

Hildebrand, 2004. Impacts of Anthropogenic Sound.

Hildebrand, JA. 2009. Anthropogenic and natural sources of ambient noise in the ocean. *Marine Ecology-Progress Series.* 395:5-20.

Hindell, M.A. and W.F. Perrin. 2009. Elephant seals. p. 990-992 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd edit. Academic Press, New York, NY. 1316 p.

Hobbs, R. C. and L.L Jones. 1993. Impacts of high seas driftnet fisheries on marine mammal populations in the North Pacific. *International North Pacific Fisheries Commission Bulletin* 53(3):409-434.

Hoelzel, A.R., C.W. Potter, and P.B. Best. 1998. Genetic differentiation between parapatric 'nearshore' and 'offshore' populations of the bottlenose dolphin. *Proc. R. Soc Lond. B* 265:1177-1183.

Holberton, R.L., B. Helmuth, and J.C. Wingfield. 1996. The corticosterone stress response in gentoo and king penguins during the non-fasting period. *Condor* 98 (4):850-854.

Holst, M. and J. Beland. 2010. Marine mammal and sea turtle monitoring during Lamont-Doherty Earth Observatory's Shatsky Rise marine seismic program in the Northwest Pacific Ocean, July–September 2010. LGL Rep. TA4873-3. Rep. from LGL Ltd., King City, Ont., for Lamont-Doherty Earth Observatory of Columbia Univ., Palisades, NY, and Nat. Mar. Fish. Serv., Silver Spring, MD. 70 p.

Holt M.M., D.P. Noren, V. Veirs, C.K. Emmons, S. Veirs. 2009. Speaking up: Killer whales (*Orcinus orca*) increase their call amplitude in response to vessel noise J. Acoust. Soc. Am., 125 (2009), pp. EL27-EL32

Holt, M.M., D.P. Noren, R.C. Dunkin, and T.M. Williams. 2015. Vocal performance affects metabolic rate in dolphins: implications for animals communicating in noisy environments. J. Exp. Biol. 218:1647-1654.

Hood, L.C., P.D. Boersma, and J.C. Wingfield. 1998. The adrenocortical response to stress in incubating Magellanic penguins (*Spheniscus magellanicus*). Auk 115 (1):76-84.

Hopkins, J.L., M.A. Smultea, T.A. Jefferson, and A.M. Zoidis. 2009. Rare sightings of a Bryde's whale (*Balaenoptera brydei/edeni*) and subadult sei whales (*B. borealis*) (Cetacea: Balaenopteridae) northeast of Oahu in November 2007. p. 115 *In*: Abstr. 18th Bienn. Conf. Biol. Mar. Mamm., Québec, Canada, October 2009. 306 p.

Horwood, J. 2009. Sei whale *Balaenoptera borealis*. p. 1001-1003 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd edit. Academic Press, San Diego, CA. 1316 p.

Houghton, J., M.M. Holt, D.A. Giles, M.B. Hanson, C.K. Emmons, J.T. Hogan, T.A. Branch, and G.R. VanBlaricom. 2015. The relationship between vessel traffic and noise levels received by killer whales (*Orcinus orca*). PLoS ONE 10(12): e0140119. doi:10.1371/journal.pone.0140119.

Houser, D.S., Moore, P.W. (2014) Report on the current status and future of underwater hearing research. National Marine Mammal Foundation, San Diego, CA.

Huggins, J.L., R.W. Baird, D.L. Webster, D.J. McSweeney, G.S. Schorr, and A.D. Ligon. 2005. Inter-island movements and re-sightings of melon-headed whales within the Hawaiian archipelago. p. 133-134 *In*: Abstr. 16th Bienn. Conf. Biol. Mar. Mamm., 12–16 December 2005, San Diego, CA.

IUCN (The World Conservation Union). 2018. The IUCN Red List of Threatened Species. Version 2017-3. Accessed in February 2018 at <http://www.iucnredlist.org/>

IWC (International Whaling Commission). 2007a. Western North Pacific Bryde's Whale Implementation: Report of the First Intersessional Workshop. J. Cetac. Res. Manage. 9(Suppl.):407-427.

IWC. 2007b. Report of the standing working group on environmental concerns. Annex K to Report of the Scientific Committee. J. Cetac. Res. Manage. 9(Suppl.):227-260.

IWC. 2018. Whale population estimates. Accessed on June 8 2018 at <https://iwc.int/estimate>.

Jackson, J.A., D.J. Steel, P. Beerli, B.C. Congdon, C. Olavarría, M.S. Leslie, C. Pomilla, H. Rosenbaum, and C.S. Baker. 2014. Global diversity and oceanic divergence of humpback whales (*Megaptera novaeangliae*). Proc. R. Soc. B 281(1786):20133222. <https://doi.org/10.1098/rspb.2013.3222>.

Jaquet, N. and H. Whitehead. 1996. Scale-dependent correlation of sperm whale distribution with environmental features and productivity in the South Pacific. Mar. Ecol. Prog. Ser. 135(1-3):1-9.

Jefferson, T.A. 2009a. Rough-toothed dolphin *Steno bredanensis*. p. 990-992 In: W.F Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals. Academic Press, New York, NY. 1316 p.

Jefferson, T.A. 2009b. Dall's porpoise *Phocoenoides dalli*. p. 296-298 In: W.F Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals. Academic Press, New York, NY. 1316 p.

Jefferson, T.A. and N.B. Barros. 1997. *Peponocephala electra*. Mammal. Spec. 553:1-6.

Jefferson, T.A., C.R. Weir, R.C. Anderson, L.T. Ballance, R.D. Kenney, and J.J. Kiszka. 2014. Global distribution of Risso's dolphin *Grampus griseus*: a review and critical evaluation. Mamm. Rev. 44(1):56-68.

Jefferson, T.A., M.A. Webber, and R.L. Pitman. 2008. Marine mammals of the world: a comprehensive guide to their identification. Academic Press, New York, NY. 573 p.

Jefferson, T.A., M.A. Webber, and R.L. Pitman. 2015. Marine mammals of the world: a comprehensive guide to their identification, 2nd edit. Academic Press, London, U.K.. 608 p.

Jefferson, T.A., S. Leatherwood, and M.A. Webber. 1993. FAO Species identification guide. Marine mammals of the world. UNEP/FAO, Rome, Italy.

Jensen, A. S. and Silber, G.K. 2004. Large whale ship strike database. NOAA Technical Memorandum NMFS-OPR-25. 37 p

Jensen, F.H., L. Bejder, M. Wahlberg, N. Aguilar Soto, M. Johnson, and P.T. Madsen. 2009. Vessel noise effects on delphinid communication. Mar. Ecol. Prog. Ser. 395:161-175.

Jessop, T.S., A.D. Tucker, C.J. Limpus, and J.M. Whittier. 2003. Interactions between ecology, demography, capture stress, and profiles of corticosterone and glucose in a free-living population of Australian freshwater crocodiles. General and Comparative Endocrinology 132 (1):161-170.

Johnston, D.W., M. McDonald, J. Polovina, R. Domokos, S. Wiggins, and J. Hildebrand. 2008. Temporal patterns in the acoustic signals of beaked whales at Cross Seamount. Biol. Lett. 4:208-211.

Jones, E.L., G.D. Hastie, S. Smout, J. Onoufriou, N.D. Merchant, K.L. Brookes, and D. Thompson. 2017. Seals and shipping: quantifying population risk and individual exposure to vessel noise. J. Appl. Ecol. [dx.doi.org/doi:10.1111/1365-2664.12911](https://doi.org/10.1111/1365-2664.12911).

Kanaji, Y., H. Yoshida, and M. Okazaki. 2017. Spatiotemporal variations in habitat utilization patterns of four Delphinidae species in the western North Pacific, inferred from carbon and nitrogen stable isotope ratios. *Mar. Biol.* 164(4):65. doi:10.1007/s00227-017-3107-z.

Kastelein, R. A., Wensveen, P. J., Hoek, L., Au, W. W. L., Terhune, J. M., de Jong, C. A. F. (2009). "Critical ratios in harbor porpoises (*Phocoena phocoena*) for tonal signals between 0.315 and 150 kHz in random Gaussian white noise", *J. Acoust. Soc. Am.* 126, 1588-1597.

Kasuya, T. 1982. Preliminary report of the biology, catch and populations of *Phocoenoides* in the western Pacific. p. 3-20 *In: Mammals in the seas, Volume 4, Small cetaceans, Seals, Sirenians and otters.* FAO Advisory Committee on Marine Resources Research.

Kasuya, T. 1986. Distribution and behavior of Baird's beaked whales off the Pacific coast of Japan. *Sci. Rep. Whales Res. Inst.* 37:61-83.

Kasuya, T. 2007. Japanese whaling and other fisheries. *Env. Sci. Pollut. Res.* 14:39-48.

Kasuya, T. 2009. Giant beaked whales. p. 498-500 *In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd edit.* Academic Press, San Diego, California. 1316 p.

Kasuya, T. and S. Ohsumi. 1984. Further analysis of Baird's beaked whales in the waters adjacent to Japan. *Rep. Int. Whal. Comm.* 33:633-641.

Kasuya, T., T. Miyashita, and F. Kasamatsu. 1988. Segregation of two forms of short-finned pilot whales off the Pacific Coast of Japan. *Sci. Rep. Whales Res. Inst. Tokyo* 39:77-90.

Kato, H. and T. Miyashita. 1998. Current status of the North Pacific sperm whales and its preliminary abundance estimates. Paper SC/50/CAWS2 presented to the Scientific Committee of the International Whaling Commission. 6 p.

Kato, H. and W.F. Perrin. 2009. Bryde's whales *Balaenoptera edeni/brydei*. p. 158-163 *In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd ed.* Academic Press, San Diego, CA. 1316 p.

Kato, H., M. Yoshioka, and S. Ohsumi. 2005. Current status of cetaceans and other marine mammals in the North Pacific, with a review of advanced research activities on cetacean biology in Japan. *Mammal Study* 30:S113-S124.

Kelly, B.P. 1988c. Ribbon seal, *Phoca fasciata*. p. 96-106 *In: J. W. Lentfer (ed.), Selected marine mammals of Alaska. Species accounts with research and management recommendations.* Marine Mammal Commission, Washington, D.C.

Kenney, R.D. and H.E. Winn. 1987. Cetacean biomass densities near submarine canyons compared to adjacent shelf/slope areas. *Continent. Shelf Res.* 7(2):107-114.

- Klatsky, L.J. 2004. Movement and dive behavior of bottlenose dolphins (*Tursiops truncatus*) near the Bermuda Pedestal. M.Sc. Thesis. San Diego State University, CA. 31 p.
- Klinck, H., D.K. Mellinger, K. Klinck, N.M. Bogue, J.C. Luby, W.A. Jump, G.B. Shilling, T. Litchendorf, A.S. Wood, G.S. Schorr, and R.W. Baird. 2012. Near-real-time acoustic monitoring of beaked whales and other cetaceans using a Seaglider™. PLoS ONE 7(5):e36128. doi:10.1371/journal.pone.0036128.
- Knowlton AR, Kraus SD (2001) Mortality and serious injury of northern right whales (*Eubalaena glacialis*) in the western North Atlantic Ocean. J Cetacean Res Manag 2(Spec Issue): 193–208
- Knowlton AR, Kraus SD (2001) Mortality and serious injury of northern right whales (*Eubalaena glacialis*) in the western North Atlantic Ocean. J Cetacean Res Manag 2(Spec Issue): 193–208.
- Krausman, P.R., L.K. Harris, C.L. Blasch, K.K.G. Koenen, and J. Francine. 2004. Effects of military operations on behavior and hearing of endangered Sonoran pronghorn. Wildlife Monographs 157:1-41.
- Krieger, K.J. and B.L. Wing. 1984. Hydroacoustic surveys and identification of humpback whale forage in Glacier Bay, Stephens Passage, and Frederick Sound, southeastern Alaska, summer 1983. NOAA Tech. Memo. NMFS F/NWC-66. U.S. Nat. Mar. Fish. Serv., Auke Bay, AK. 60 p. NTIS PB85-183887.
- Krieger, K.J. and B.L. Wing. 1986. Hydroacoustic monitoring of prey to determine humpback whale movements. NOAA Tech. Memo. NMFS F/NWC-98. U.S. Nat. Mar. Fish. Serv., Auke Bay, AK. 63 p. NTIS PB86-204054.
- Kruse, S., D.K. Caldwell, and M.C. Caldwell. 1999. Risso's dolphin *Grampus griseus* (G. Cuvier, 1812). p. 183-212 In: S.H. Ridgway and R. Harrison (eds.), Handbook of marine mammals, Vol. 6: The second book of dolphins and the porpoises. Academic Press, San Diego, CA. 486 p.
- Kryter, K. 1985. The effects of noise on man. Academic Press, Incorporated,
- L. Bejder, A. Samuels, H. Whitehead, H. Finn, S. Allen. 2009. Impact assessment research: Use and misuse of habituation, sensitisation and tolerance in describing wildlife responses to anthropogenic stimuli Marine Ecology Progress Series, 395 (2009), pp. 177-185
- Laist, D. W., A. R. Knowlton, J. G. Mead, A. S. Collet and M. Podesta. 2001. Collisions between ships and whales. Marine Mammal Science 17:35-75
- Lankford, S.E., T.E. Adams, R.A. Miller, and J.J. Cech. 2005. The cost of chronic stress: Impacts of a nonhabituating stress response on metabolic variables and swimming performance in sturgeon. Physiological and Biochemical Zoology 78:599-609.
- Lea, M.A., D. Johnson, R. Ream, J. Sterling, S. Melin, and T. Gelatt. 2009. Extreme weather events influence dispersal of naïve northern fur seals. Biol. Lett. 5:252-257.

- Leatherwood, S., R.R. Reeves, A.E. Bowles, B.S. Stewart, and K.R. Goodrich. 1984. Distribution, seasonal movements, and abundance of Pacific white-sided dolphins in the eastern North Pacific. *Sci. Rep. Whales Res. Inst. Tokyo* 35:129-157.
- LeBeouf, B.J., D.E. Crocker, D.P. Costa, S.B. Blackwell, P.M. Webb, and D.S. Houser. 2000. Foraging ecology of northern elephant seals. *Ecol. Monographs* 70(3):353-382.
- LeDuc, R.G., D.W. Weller, J. Hyde, A.M. Burdin, P.E. Rosel, R.L. Brownell Jr, B. Würsig, and A.E. Dizon. 2002. Genetic differences between western and eastern gray whales (*Eschrichtius robustus*). *J. Cetacean Res. Manage.* 4(1):1-5.
- Lee, O.A., V. Burkanov, and W.H. Neill. 2014. Population trends of northern fur seals (*Callorhinus ursinus*) from a metapopulation perspective. *J. Exp. Mar. Biol. Ecol.* 451:25-34.
- Lillis *et al.*, 2014. Lillis, Ashlee & Bohnenstiehl, D & B. Eggleston, David. (2015). Soundscape manipulation enhances larval recruitment of a reef-building mollusk. *PeerJ.* 3. 10.7717/peerj.999.
- Lipsky, J.D. 2009. Right whale dolphins *Lissodelphis borealis*, *L. peronii*. p. 958-962 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd edit. Academic Press, San Diego, CA. 1316 p.
- Lockyer, C.H. and S.G. Brown. 1981. The migration of whales. p. 105-137 *In*: D.J. Aidley (ed.), *Animal migration*. Soc. Exp. Biol. Seminar Ser. 13, Cambridge University Press, U.K.
- Loughlin, T.R., W.J. Ingraham, Jr., N. Baba, and B.W. Robson. 1999. Use of a surface-current model and satellite telemetry to assess marine mammal movements in the Bering Sea. p. 615-630 *In*: T.R. Loughlin, and K. Ohtani (eds.) *Dynamics of the Bering Sea*. University of Alaska Sea Grant Press, AK-SG-99-03, Fairbanks, AK.
- Lowry, M.S., R. Condit, B. Hatfield, S.G. Allen, R. Berger, P.A. Morris, B.J. Le Boeuf, and J. Reiter. 2014. Abundance, distribution, and population growth of the northern elephant seal (*Mirounga angustirostris*) in the United States from 1991 to 2010. *Aquatic Mamm.* 40(1):20-31.
- Lusseau, D. and L. Bejder. 2007. The long-term consequences of short-term responses to disturbance experience from whalewatching impact assessment. *Int. J. Comp. Psych.* 20(2-3):228-236.
- MacGillivray, A.O., R. Racca, and Z. Li. 2014. Marine mammal audibility of selected shallow-water survey sources. *J. Acoust. Soc. Am.* 135(1):EL35-EL40.
- MacLeod, C.D., N. Hauser, and H. Peckham. 2004. Diversity, relative density and structure of the cetacean community in summer months east of Great Abaco, Bahamas. *J. Mar. Biol. Assoc. U.K.* 84(2):469-474.
- MacLeod, C.D., W.F. Perrin, R. Pitman, J. Barlow, L. Balance, A. D'Amico, T. Gerrodette, G. Joyce, K.D. Mullin, D.L. Palka, and G.T. Waring. 2006. Known and inferred distributions of beaked whales species (Cetacean: Ziphiidae). *J. Cetac. Res. Manage.* 7(3):271-286.

Madsen, P. T., Wahlberg, M., Tougaard, J., Lucke, K., and Tyack, P. L. 2006. "Wind turbine underwater noise and marine mammals: Implications of current knowledge and data needs," *Mar. Ecol.: Prog. Ser.* 309,279–295

Mahaffy, S.D. 2012. Site fidelity, associations and long-term bonds of short-finned pilot whales off the island of Hawaii. M.Sc. Thesis, Portland State University. 151 p. Accessed in February 2018 at: http://www.cascadiaresearch.org/Hawaii/Mahaffy_MScThesis_2012.pdf

Malme, C.I., P.R. Miles, C.W. Clark, P. Tyack, and J.E. Bird. 1984. Investigations of the potential effects of underwater noise from petroleum industry activities on migrating gray whale behavior/Phase II: January 1984 migration. BBN Rep. 5586. Rep. from Bolt Beranek & Newman Inc., Cambridge, MA, for MMS, Alaska OCS Region, Anchorage, AK. NTIS PB86-218377.

Manzano-Roth, R., E.E. Henderson, S.W. Martin, C. Martin, and B.M. Matsuyama. 2016. Impacts of U.S. Navy training events on Blainville's beaked whale (*Mesoplodon densirostris*) foraging dives in Hawaiian waters. *Aquatic Mamm.* 42(4):507-518.

Marla M. Holt, Robin C. Dunkin, Dawn Noren, and Terrie M. Williams. Are there metabolic costs of vocal responses to noise in marine mammals?

Martien, K.K., R.W. Baird, N.M. Hedrick, A.M. Gorgone, J.L. Thieleking, D.J. McSweeney, K. Robertson, and D.L. Webster. 2012. Population structure of island-associated dolphins: evidence from mitochondrial and microsatellite markers for common bottlenose dolphins (*Tursiops truncatus*) around the main Hawaiian Islands. *Mar. Mamm. Sci.* 28(3):E208-E332.

Martins, D.T.L., M.R. Rossi-Santos, and F.J.D.L. Silva. 2016. Effects of anthropogenic noise on the acoustic behaviour of *Sotalia guianensis* (Van Bénédén, 1864) in Pipa, North-eastern Brazil. *J. Mar. Biol. Assoc. U.K.* doi:10.1017/S0025315416001338.

Mate, B.R., B.A. Lagerquist, and J. Calambokidis. 1999. Movements of North Pacific blue whales during the feeding season off southern California and their southern fall migration. *Mar. Mamm. Sci.* 15(4):1246-1257.

Mate, B.R., V.Y. Ilyashenko, A.L. Bradford, V.V. Vetyankin, G.A. Tsidulko, V.V. Rozhnov, and L.M. Irvine. 2015. Critically endangered western gray whales migrate to the eastern North Pacific. *Biol. Lett.* 11:20150071. doi:10.1098/rsbl.2015.0071.

Matsuoka, K., H. Kiwada, Y. Fujise, and T. Miyashita. 2009. Distribution of blue (*Balaenoptera musculus*), fin (*B. physalus*), humpback (*Megaptera novaeangliae*) and North Pacific right (*Eubalaena japonica*) whales in the western North Pacific based on JARPN and JARPN II sighting surveys (1994 to 2007). Paper SC/J09/JR35 presented to the Int. Whal. Comm., Cambridge, U.K.

Matsuoka, K., T. Hakamada, and T. Miyashita. 2015. Distribution of blue (*Balaenoptera musculus*), fin (*B. physalus*), humpback (*Megaptera novaeangliae*) and North Pacific right (*Eubalaena japonica*) whales in

the western North Pacific based on JARPEN and JARPNII (1994 to 2014). Paper SC/F16/JR9 presented to the Int. Whal. Comm., Cambridge, U.K.

Mazzariol S., Marcer F., Mignone W., Serracca L., Gorla M., Marsili L., et al. (2012). Dolphin Morbillivirus and *Toxoplasma gondii* coinfection in a Mediterranean fin whale (*Balaenoptera physalus*). *BMC Vet. Res* 8:20 1 D.

McAlpine, D.F. 2009. Pygmy and dwarf sperm whales *Kogia breviceps* and *K. sima*. p. 936-939 In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd edit. Academic Press, San Diego, CA. 1316 p.

McCauley, R.D., J. Fewtrell, A.J. Duncan, C. Jenner, M.-N. Jenner, J.D. Penrose, R.I.T. Prince, A. Adhitya, J. Murdoch, and K. McCabe. 2000. Marine seismic surveys: analysis of airgun signals; and effects of air gun exposure on humpback whales, sea turtles, fishes and squid. Rep. from Centre for Marine Science and Technology, Curtin Univ., Perth, W.A., for Austral. Petrol. Prod. Assoc., Sydney, N.S.W. 188 p.

McCauley, Robert & Day, Ryan & Swadling, Kerrie & Fitzgibbon, Quinn & Watson, Reg & Semmens, Jayson. (2017). Widely used marine seismic survey air gun operations negatively impact zooplankton. *Nature Ecology and Evolution*. 1. 10.1038/s41559-017-0195. 0.1186/1746-6148-8-20

McDonald MA, Hildebrand JA, Webb SC 1995. Blue and fin whales observed on a seafloor array in the Northeast Pacific. *Journal of the Acoustical Society of America* 98: 712–721.

McSweeney, D.J., R.W. Baird, and S.D. Mahaffy. 2007. Site fidelity, associations, and movements of Cuvier's (*Ziphius cavirostris*) and Blainville's (*Mesoplodon densirostris*) beaked whales off the island of Hawai'i. *Mar. Mamm. Sci.* 23(3):666-687.

Mead, J.G. 1989b. Beaked whales of the genus *Mesoplodon*. p. 349-430 In: S.H. Ridgway and R.J. Harrison (eds.), *Handbook of marine mammals*, Vol. 4: River dolphins and the larger toothed whales. Academic Press, San Diego, CA. 444 p.

Mead, J.G. and C.W. Potter. 1995. Recognizing two populations of the bottlenose dolphins (*Tursiops truncatus*) off the Atlantic coast of North America: morphological and ecological considerations. *IBI Reports* 5:31-44.

Mead, J.G., W.A. Walker, and W.J. Jouck. 1982. Biological observations on *Mesoplodon carlhubbsi* (Cetacea: Ziphiidae). *Smithson. Contrib. Zool.* 344.

Melcón, M.L., A.J. Cummins, S.M. Kerosky, L.K. Roche, S.M. Wiggins, and J.A. Hildebrand. 2012. Blue whales response to anthropogenic noise. *PLoS ONE* 7(2):e32681. doi:10.1371/journal.pone.0032681.

Merkens, K., A. Simonis, and E. Oleson. 2016. Long-term monitoring of Physeteroidea (sperm whales, dwarf, and pygmy sperm whales) in the Central and Western Pacific. *J. Acoust. Soc. Am.* 139(4):2062-2062.

- Miller, P.J.O., M.P. Johnson, P.T. Madsen, N. Biassoni, M. Quero, and P.L. Tyack. 2009. Using at-sea experiments to study the effects of airguns on the foraging behavior of sperm whales in the Gulf of Mexico. *Deep-Sea Res. I* 56(7):1168-1181.
- Mitson, R. B. E. (1995). "Underwater noise of research vessels: review and recommendations." ICES Coop. Res. Rep.209: 61 pp.
- Miyashita, T. 1993a. Abundance of dolphin stocks in the western North Pacific taken by the Japanese drive fishery. *Rep. Int. Whal. Comm.* 43:417-437.
- Miyashita, T. 1993b. Distribution and abundance of some dolphins taken in the North Pacific driftnet fisheries. *Internat. North Pacific Fish. Comm. Bull.* 53(3):435-449.
- Miyashita, T. 2006. Cruise report of the sighting survey in the waters east of the Kuril Islands and the Kamchatka Peninsula in 2005. Unpublished report SC/58/NPM5 to the International Whaling Commission. 9 p.
- Miyazaki, N. and W.F. Perrin. 1994. Rough-toothed dolphin *Steno bredanensis* (Lesson, 1828). p. 1-21 *In*: S.H. Ridgway and R.J. Harrison (eds.), *Handbook of marine mammals, Vol. 5: The first book of dolphins.* Academic Press, San Diego, CA. 416 p.
- Mizroch, S.A., D.W. Rice, D. Zwiefelhofer, J. Waite, and W.L. Perryman. 2009. Distribution and movements of fin whales in the North Pacific Ocean. *Mammal. Rev.* 39(3):193-227.
- Moberg GP. Biological response to stress: Implications for animal welfare. *In*: Moberg GP, Mench JA, editors. *The Biology of Animal Stress.* Wallingford, UK: CAB International; 2000. pp. 1–21.
- Moberg GP. Problems in defining stress and distress in animals. *J Am Vet Med Assoc.* 1987;191(10):1207–1211. [PubMed]
- Mobley, J., Jr., S. Spitz, and R. Grotefendt. 2001. Abundance of humpback whales in Hawaiian waters: results of 1993–2000 aerial surveys. Prepared for the Hawaiian Islands Humpback Whale National Marine Sanctuary, NOAA, U.S. Department of Commerce, and the Hawaii Department of Land and Natural Resources. 16 p. Accessed in January 2016 at http://hawaiihumpbackwhale.noaa.gov/documents/_science/ HIHWNMS_Research_Mobley.pdf.
- Mobley, J.R., Jr., S.S. Spitz, K.A. Forney, R. Grotefendt, and P.H. Forestell. 2000. Distribution and abundance of odontocete species in Hawaiian waters: preliminary results of 1993-98 aerial surveys. *Southwest Fish. Sci. Cen. Admin. Rep.* LJ-00-14C. 26 p.
- Monnahan, C.C., T.A. Branch, K.M. Stafford, Y.V. Ivashchenko, and E.M. Oleson. 2014. Estimating historical eastern North Pacific blue whale catches using spatial calling patterns. *PLoS ONE* 9(6). doi:10.1371/journal.pone.0098974.

- Moore, S.E., K.M. Stafford, D.K. Mellinger, and C.G. Hildebrand. 2006. Listening for large whales in the offshore waters of Alaska. *BioScience* 56(1):49-55.
- Moore, S.E., K.M. Stafford, M.E. Dahlheim, C.G. Fox, H.W. Braham, J.J. Polovina, and D.E. Bain. 1998. Seasonal variation in reception of fin whale calls at five geographic areas in the North Pacific. *Mar. Mamm. Sci.* 14(3):617-627.
- Moore, S.E., W.A. Watkins, M.A. Daher, J.R. Davies, and M.E. Dahlheim. 2002. Blue whale habitat associations in the Northwest Pacific: analysis of remotely-sensed data using a Geographic Information System. *Oceanography* 15(3):20-25.
- Mori, K., F. Sato, and A. Mochizuki. 1998. recent observation records on the northern right whale in the waters of Ogasawara (Bonin Islands), Japan. Abstract p. 93-94 *In: The World Marine Mammal Science Conference, Monaco, January 1998.*
- Morin, P.A., C.S. Baker, R.S. Brewer, A.M. Burdin, M.L. Dalebout, J.P. Dines, I. Fedutin, O. Filatova, E. Hoyt, J.L. Jung, and M. Lauf. 2017. Genetic structure of the beaked whale genus *Berardius* in the North Pacific, with genetic evidence for a new species. *Mar. Mamm. Sci.* 33(1):96-111.
- Morton, A. B., and Symonds, H. K. 2002. Displacement of *Orcinus orca* (L.) by high amplitude sound in British Columbia, Canada. *ICES Journal of Marine Science: Journal du Conseil*, 59: 71–80.
- Murase, H., T. Tamura, S. Otani, and S. Nishiwaki. 2016. Satellite tracking of Bryde's whales *Balaenoptera edeni* in the offshore western North Pacific in summer 2006 and 2008. *Fish. Sci.* 82(1):35-45.
- Muto, M.M., V.T. Helker, R.P. Angliss, B.A. Allen, P.L. Boveng, J.M. Breiwick, M.F. Cameron, P.J. Clapham, S.P. Dahle, M.E. Dahlheim, B.S. Fadely, M.C. Ferguson, L.W. Fritz, R.C. Hobbs, Y.V. Ivashchenko, A.S. Kennedy, J.M. London, S.A. Mizroch, R.R. Ream, E.L. Richmond, K.E.W. Sheldon, R.G. Towell, P.R. Wade, J.M. Waite, and A.N. Zerbin. 2017. Alaska marine mammal stock assessments, 2016. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-355. 366 p.
- Nachtigall, P.E. and A.Y. Supin. 2013. A false killer whale reduces its hearing sensitivity when a loud sound is preceded by a warning. *J. Exp. Biol.* 216:3062-3070.
- National Academies of Sciences, Engineering, and Medicine, 2017. Approaches to understanding the cumulative effects of stressors on marine mammals. The National Academies Press. Washington, DC. 134 p.
- National Research Council. (2003). Ocean noise and marine mammals. Washington, DC: National Research Council Committee on Potential Impacts of Ambient Noise in the Ocean on Marine Mammals; The National Academies Press.
- National Research Council. (2005). Marine Mammal Populations and Ocean Noise: Determining When Noise Causes Biologically Significant Effects. Washington, D.C.: The National Academies Press.

Ng SL, Leung S (2003) Behavioral response of Indo-Pacific humpback dolphin (*Sousa chinensis*) to vessel traffic. *Mar Environ Res* 56:555-567

Nieukirk, S.L., D.K. Mellinger, S.E. Moore, K. Klinck, R.P. Dziak and J. Goslin. 2012. Sounds from airguns and fin whales recorded in the mid-Atlantic Ocean, 1999–2009. *J. Acoust. Soc. Am.* 131(2):1102-1112.

NMFS (NMFS (National Marine Fisheries Service). 1993. Final conservation plan for the northern fur seal (*Callorhinus ursinus*). Prepared by the National Marine Mammal Laboratory, Alaska Fisheries Science Center, Seattle, WA, and the Office of Protected Resources, National Marine Fisheries Service, Silver Spring, MD. 80 p.

NMFS. 2001. Small takes of marine mammals incidental to specified activities: oil and gas exploration drilling activities in the Beaufort Sea/Notice of issuance of an incidental harassment authorization. *Fed. Reg.* 66(26, 7 Feb.):9291-9298.

NMFS. 2007. Recovery plan for the Hawaiian monk seal (*Monachus schauinslandi*). 2nd rev. *Nat. Mar. Fish. Serv.*, Silver Spring, MD. 165 p.

NMFS. 2008. Recovery plan for the Steller Sea Lion (*Eumetopias jubatus*). Revision. *Nat. Mar. Fish. Serv.*, Silver Spring, MD. 325 p.

NMFS. 2013a. Endangered and threatened species; delisting of the eastern distinct population segment of Steller sea lion under the Endangered Species Act; amendment to special protection measures for endangered marine mammals. *Fed. Regist.* 78(213, 4 Nov.):66140-66199.

NMFS. 2013b. Effects of oil and gas activities in the Arctic Ocean: Supplemental draft environmental impact statement. U.S. Depart. Commerce, NOAA, NMFS, Office of Protected Resources. Accessed in April 2017 at <http://www.nmfs.noaa.gov/pr/permits/eis/arctic.htm>.

NMFS. 2014. Programmatic environmental impact statement; Final PEIS for Hawaii monk seal recovery actions. (*Neomonachus schauinslandi*). U.S. Dept. Comm., NOAA Fisheries, Silver Springs, MD. Available at <http://www.nmfs.noaa.gov/pr/permits/eis/hawaiianmonksealeis.htm>

NMFS. 2015. Environmental assessment: proposed issuance of an incidental authorization to Lamont-Doherty Earth Observatory to take marine mammals by harassment incidental to a marine geophysical survey in the eastern Mediterranean Sea, Mid-November –December 2015. U.S. Department of Commerce, 38 p.

NMFS. 2016a. Technical guidance for assessing the effects of anthropogenic sound on marine mammal hearing: underwater acoustic thresholds for onset of permanent and temporary threshold shifts. U.S. Dept. of Commer., NOAA. 178 p.

NMFS. 2016b. Endangered and threatened species; identification of 14 distinct population segments of the humpback whale (*Megaptera novaeangliae*) and revision of species-wide listing. Final Rule. *Fed. Regist.* 81(174, 8 Sept.):62260-62320.

NMFS. 2016c. Steller sea lion (*Eumetopias jubatus*). Accessed in March 2018 at <http://www.nmfs.noaa.gov/pr/species/mammals/sealions/steller-sea-lion.html>.

NMFS. 2016d. Environmental assessment: proposed issuance of an incidental authorization to Lamont-Doherty Earth Observatory to take marine mammals by harassment incidental to a marine geophysical survey over the Mid-Atlantic Ridge in the South Atlantic Ocean, January – March, 2016. U.S. Department of Commerce. 39 p.

NMFS. 2016e. Final environmental assessment: proposed issuance of an incidental authorization to Lamont-Doherty Earth Observatory to take marine mammals by harassment incidental to a marine geophysical survey over the southeast Pacific Ocean, 2016-2017. U.S. Department of Commerce. 38 p.

NMFS. 2017a. Environmental assessment: proposed issuance of an incidental authorization to Lamont-Doherty Earth Observatory to take marine mammals by harassment incidental to a marine geophysical survey in the Southwest Pacific Ocean, 2017/2018. U.S. Department of Commerce, 83 p.

NMFS. 2017b. Critical habitat. Accessed on 2 February 2018 at <http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm>

NMFS. 2017c. Endangered and threatened wildlife and plants: proposed rulemaking to designate critical habitat for the Main Hawaiian Islands insular false killer whale distinct population segment. Fed. Reg. 82(212, 3 Nov.):51186-51209.

NMFS. 2017d. Marine mammal unusual mortality events. Accessed on 20 February 2018 at <http://www.nmfs.noaa.gov/pr/health/mmume/events.html>.

NMFS. 2017e. Environmental assessment: proposed issuance of an incidental authorization to the Scripps Institution of Oceanography to take marine mammals by harassment incidental to a low-energy geophysical survey in the northeastern Pacific Ocean, fall 2017. U.S. Department of Commerce, 73 p.

NMFS. 2018. Endangered and threatened marine species. Accessed on 20 February 2017 at <http://www.nmfs.noaa.gov/pr/species/esa/>

NOAA (National Oceanic & Atmospheric Administration). 2018a. Hawaiian Islands Humpback Whale National Marine Sanctuary. Accessed on June 7, 2018 at <https://hawaiihumpbackwhale.noaa.gov>

NOAA. 2018b. Cetacean data availability. Accessed in February 2018 at <https://cetsound.noaa.gov/cda>.

Nowacek *et al.* 2004. North Atlantic right whales (*Eubalaena glacialis*) ignore ships but respond to alerting stimuli. *Proceedings of the Royal Society B: Biological Sciences*, 271 (2004), pp. 227-231,

Nowacek, D.P., A.I. Vedenev, B.L. Southall, and R. Racca. 2012. Development and implementation of criteria for exposure of western gray whales to oil and gas industry noise. p. 523-528 *In*: A.N. Popper and A. Hawkins (eds.), *The effects of noise on aquatic life*. Springer, New York, NY. 695 p.

Nowacek, D.P., K. Bröker, G. Donovan, G. Gailey, R. Racca, R.R. Reeves, A.I. Vedenev, D.W. Weller, and B.L. Southall. 2013a. Responsible practices for minimizing and monitoring environmental impacts of marine seismic surveys with an emphasis on marine mammals. *Aquatic Mamm.* 39(4):356-377.

Nowacek, D.P., K. Bröker, G. Donovan, G. Gailey, R. Racca, R.R. Reeves, A.I. Vedenev, D.W. Weller, and B.L. Southall. 2013b. Environmental impacts of marine seismic surveys with an emphasis on marine mammals. *Aquatic Mamm.* 39(4):356-377.

Nowacek, D.P., L.H. Thorne, D.W. Johnston, and P.L. Tyack. 2007. Responses of cetaceans to anthropogenic noise. *Mamm. Rev.* 37(2):81-115.

NRC (National Research Council). 2005. Marine mammal populations and ocean noise/Determining when noise causes biologically significant effects. U.S. Nat. Res. Council., Ocean Studies Board, Committee on characterizing biologically significant marine mammal behavior (Wartzok, D.W., J. Altmann, W. Au, K. Ralls, A. Starfield, and P.L. Tyack). Nat. Acad. Press, Washington, DC. 126 p.

NSF (National Science Foundation). 2012. Record of Decision for marine seismic research funded by the National Science Foundation. June 2012. Accessed on 18 November 2014 at <http://www.nsf.gov/geo/oce/envcomp/rod-marine-seismic-research-june2012.pdf>.

NSF and USGS (National Science Foundation and U.S. Geological Survey). 2011. Final Programmatic Environmental Impact Statement (EIS)/Overseas Environmental Impact Statement (OEIS) for marine seismic research funded by the National Science Foundation or conducted by the U.S. Geological Survey. June 2011. Prepared for NSF and USGS.

O'Brien, J.M., S. Beck, S.D. Berrow, M. Andre, M. van der Schaar, I. O'Connor, and E.P. McKeown. 2016. The use of deep water berths and the effects of noise on bottlenose dolphins in the Shannon Estuary cSAC. p. 775-783 *In*: A.N. Popper and A. Hawkins (eds.), *The effects of noise on aquatic life II*. Springer, New York, NY. 1292 p.

OBIS (Ocean Biogeographic Information System). 2017. Data from the Ocean Biogeographic Information System. Intergovernmental Oceanographic Commission of UNESCO. Accessed on 22 February 2017 at <http://www.iobis.org>.

Odell, D.K. and K.M. McClune. 1999. False killer whale *Pseudorca crassidens* (Owen, 1846). p. 213-243 *In*: S.H. Ridgway and R. Harrison (eds.), *Handbook of marine mammals, Vol.6: The second book of dolphins and the porpoises*. Academic Press, San Diego, CA. 486 p.

Ohsumi, S. and S. Wada. 1974. Status of whale stocks in the North Pacific, 1972. *Rep. Int. Whal. Comm.* 25:114-126.

Okamura, H., S. Minamikawa, H.J. Skaug, and T. Kishiro. 2012. Abundance estimation of long-diving animals using line transect methods. *Biometris* 68:504-513.

- Oleson, E.M., A. Širović, A. Rice, and L.M. Varga. 2016. Fin whale occurrence and population structure in the central and western Pacific through detection and characterization of song patterns. *J. Acoust. Soc. Am.* 140(4):3296-3296.
- Oleson, E.M., A. Širović, A.R. Bayless, and J.A. Hildebrand. 2014. Synchronous seasonal change in fin whale song in the North Pacific. *PLoS ONE* 9(12):e115678. doi:10.1371/journal.pone.0115678.
- Oleson, E.M., R.W. Baird, K.K. Martien, and B.L. Taylor. 2013. Island-associated stocks of odontocetes in the main Hawaiian Islands: A synthesis of available information to facilitate evaluation of stock structure. PIFSC Working WP-13-003. 41 p.
- Olson, P.A. 2009. Pilot whales—*Globicephala melas* and *G. macrorhynchus*. p. 847-852 In: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopaedia of marine mammals*, 2nd edit. Academic Press, Amsterdam. 1316 p.
- Omura, H. 1986. History of right whale catches in the waters around Japan. *Rep. Int. Whal. Comm. Spec. Iss.* 10:35-41.
- Oswald, J.N., W.W. Au, and F. Duennebieer. 2011. Minke whale (*Balaenoptera acutorostrata*) boings detected at the Station ALOHA Cabled Observatory. *J. Acoust. Soc. Am.* 129(5):3353-3360.
- Ovsyanikova, E., I. Fedutin, O. Belonovich, A. Burdin, V. Burkanov, E. Dolgova, O. Filatova, S. Fornin, E. Hoyt, E. Mamaev, and G. Richard. 2015. Opportunistic sightings of the endangered North Pacific right whales (*Eubalaena japonica*) in Russian waters in 2003–2014. *Mar. Mamm. Sci.* 31(4):1559-1567.
- Pace, R. M., and G. K. Silber. 2005. Simple analysis of ship and large whale collisions: Does speed kill? Presentation at the Sixteenth Biennial Conference on the Biology of Marine Mammals, San Diego, CA, December 2005. Compendium of Abstracts.
http://www.nmfs.noaa.gov/pr/pdfs/shipstrike/poster_pace-silber.pdf
- Papale, E., M. Gamba, M. Perez-Gil, V.M. Martin, and C. Giacoma. 2015. Dolphins adjust species-specific frequency parameters to compensate for increasing background noise. *PLoS ONE* 10(4):e0121711. doi:10.1371/journal.pone.0121711.
- Parks *et al.*, 2007. Short- and long-term changes in right whale calling behavior: The potential effects of noise on acoustic communication. *The Journal of the Acoustical Society of America* 122, 3725 (2007)
- Parks, S.E. M. Johnson, D. Nowacek, and P.L. Tyack. 2011. Individual right whales call louder in increased environmental noise. *Biol. Lett.* 7(1):33-35.
- Parks, S.E., D.A. Cusano, A. Bocconcelli, and A.S. Friedlaender. 2016b. Noise impacts on social sound production by foraging humpback whales. *Abstr. 4th Int. Conf. Effects of Noise on Aquatic Life*, July 2016, Dublin, Ireland.
- Parks, S.E., K. Groch, P. Flores, R. Sousa-Lima, and I.R. Urazghildiiev. 2016a. Humans, fish, and whales: How right whales modify calling behavior in response to shifting background noise conditions. p. 809-

813 *In*: A.N. Popper and A. Hawkins (eds.), The effects of noise on aquatic life II. Springer, New York, NY. 1292 p.

Parks, S.E., M.P. Johnson, D.P. Nowacek, and P.L. Tyack. 2012. Changes in vocal behaviour of North Atlantic right whales in increased noise. p. 317-320 *In*: A.N. Popper and A. Hawkins (eds.), The effects of noise on aquatic life. Springer, New York, NY. 695 p.

Parrish, F.A., K. Abernathy, G.J. Marshall, and B.M. Buhleier. 2002. Hawaiian monk seals (*Monachus schauinslandi*) foraging in deep-water coral beds. *Mar. Mamm. Sci.* 18(1):244-258.

Parrish, F.A., M.P. Craig, T.J. Ragen, G.J. Marshall, and B.M. Buhleier. 2000. Identifying diurnal foraging habitat of endangered Hawaiian monk seals using a seal-mounted video camera. *Mar. Mamm. Sci.* 16():392-412.

Payne, R. 1978. Behavior and vocalizations of humpback whales (*Megaptera* sp.). *In*: K.S Norris and R.R. Reeves (eds.), Report on a workshop on problems related to humpback whales (*Megaptera novaeangliae*) in Hawaii. MCC-77/03. Rep. from Sea Life Inc., Makapuu Pt., HI, for U.S. Mar. Mamm. Comm., Washington, DC.

Pearson, W.H., J.R. Skalski, and C.I. Malme. 1992. Effects of sounds from a geophysical survey device on behavior of captive rockfish (*Sebastes* spp.). *Canadian Journal of Fisheries and Aquatic Sciences* 49: 1343-1356.

Perrin, W.F. 2009a. Common dolphins *Delphinus delphis* and *D. capensis*. p. 255-259 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd ed. Academic Press, San Diego, CA. 1316 p.

Perrin, W.F. 2009b. Pantropical spotted dolphin *Stenella attenuata*. p. 819-821 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd ed. Academic Press, San Diego, CA. 1316 p.

Perrin, W.F. and R.L. Brownell, J. 2009. Minke whales. p. 733-735 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd edit. Academic Press, San Diego, CA. 1316 p.

Perrin, W.F., C.E. Wilson, and F.I. Archer II. 1994a. Striped dolphin *Stenella coeruleoalba* (Meyen, 1833). p. 129-159 *In*: S. H. Ridgway and R. J. Harrison (eds.), Handbook of marine mammals, Vol. 5: The first book of dolphins. Academic Press, San Diego, CA. 416 p.

Perrin, W.F., S. Leatherwood, and A. Collet. 1994b. Fraser's dolphin *Lagenodelphis hosei* Fraser, 1956. p. 225-240 *In*: S.H. Ridgway and R. Harrison (eds.), Handbook of marine mammals, Vol. 5: The first book of dolphins. Academic Press, London, U.K. 416 p.

Perrin, William & R. Geraci, Joseph. (2009). Stranding. Encyclopedia of Marine Mammals. 1118-1123.

- Perryman, W.L. 2009. Melon-headed whale *Peponocephala electra*. p. 719-721 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Pierson, M.O., J.P. Wagner, V. Langford, P. Birnie, and M.L. Tasker. 1998. Protection from, and mitigation of, the potential effects of seismic exploration on marine mammals. Chapter 7 *In*: M.L. Tasker and C. Weir (eds.), Proc. Seismic Mar. Mamm. Worksh., London, U.K., 23–25 June 1998.
- Pijanowski, B., Villanueva-Rivera, L., Dumyahn, S., Farina, A., Krause, B., Napoletano, B., . . . Pieretti, N. (2011). Soundscape Ecology: The Science of Sound in the Landscape. *BioScience*, 61(3), 203-216. doi:10.1525/bio.2011.61.3.6
- Pike, G.C. and I.B. MacAskie. 1969. Marine mammals of British Columbia. *Bull. Fish. Res. Board Can.* 171. 54 p.
- Pirotta, E., K.L. Brookdes, I.M. Graham, and P.M. Thompson. 2014. Variation in harbour porpoise activity in response to seismic survey noise. *Biol. Lett.* 10:20131090. doi:10.1098/rsbl.2013.1090.
- Pirotta, E., M. Mangel, D.P. Costa, B. Mate, J.A. Goldbogen, D.M. Palacios, L.A. Hückstädt, E.A. McHuron, L. Schwartz, and L. New. 2018. A dynamic state model of migratory behavior and physiology to assess the consequence of environmental variation and anthropogenic disturbance on marine vertebrates. *Am. Nat.* 191 (2):E000-E000. doi:10.5061/dryad.md416.
- Pirotta, E., N.D. Merchant, P.M. Thompson, T.R. Barton, and D. Lusseau. 2015. Quantifying the effect of boat disturbance on bottlenose dolphin foraging activity. *Biol. Conserv.* 181:82-98.
- Pirotta, E., R. Milor, N. Quick, D. Moretti, N. Di Marzio, P. Tyack, I. Boyd, and G. Hastie. 2012. Vessel noise affects beaked whale behavior: results of a dedicated acoustic response study. *PLoS ONE* 7(8):e42535. doi:10.1371/journal.pone.0042535.
- Pitman, R.L. 2009a. Indo-Pacific beaked whale *Indopacetus pacificus*. p. 600-602 *In*: W.F. Perrin, B. Würsig and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Pitman, R.L. 2009b. Mesoplodont whales *Mesoplodon* spp. p. 721-726 *In*: W. F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), Encyclopedia of marine mammals, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Popov, V., A. Supin, D. Nechaev, E.V. Sysueva, and V. Rozhnov. 2016. Temporary threshold shifts in naïve and experienced belugas: Can dampening of the effects of fatiguing sounds be learned? p. 853-859 *In*: A.N. Popper and A. Hawkins (eds.), The effects of noise on aquatic life II. Springer, New York, NY. 1292 p.
- Psarakos, S., D.L. Herzing, and K. Marten. 2003. Mixed-species associations between pantropical spotted dolphins (*Stenella attenuata*) and Hawaiian spinner dolphins (*Stenella longirostris*) off Oahu, Hawaii. *Aquat. Mamm.* 29(3):390-395.

- Purser J, Radford AN (2011) Acoustic Noise Induces Attention Shifts and Reduces Foraging Performance in Three-Spined Sticklebacks (*Gasterosteus aculeatus*). PLoS ONE 6(2): e17478.
- Putland, Rosalyn & Ranjard, Louis & Constantine, Rochelle & Radford, Craig. (2017). A hidden Markov model approach to indicate Bryde's whale acoustics. *Ecological Indicators*. 84. 479-487. 10.1016/j.ecolind.2017.09.025.
- Rankin, S. and J. Barlow. 2005. Source of the North Pacific “boing” sound attributed to minke whales. *J. Acoust. Soc. Am.* 118(5):3346-3351.
- Rankin, S. and J. Barlow. 2007. Vocalizations of the sei whale *Balaenoptera borealis* off the Hawaiian Islands. *Bioacoustics* 16(2):137-145.
- Rankin, S., J. Barlow, J. Oswald, and L. Balance. 2008. Acoustic studies of marine mammals during seven years of combined visual and acoustic line-transect surveys for cetaceans in the eastern and central Pacific Ocean. NOAA Tech. Memo. NMFS-SWFSC-429. Nat. Mar. Fish. Serv., Southwest Fish. Sci. Center, La Jolla, CA. 58 p.
- Rankin, S., J.N. Oswald, A.E. Simonis, and J. Barlow. 2015. Vocalizations of the rough-toothed dolphin, *Steno bredanensis*, in the Pacific Ocean. *Mar. Mamm. Sci.* 31(4):1538-1548.
- Rankin, S., T.F. Norris, M.A. Smultea, C. Oedekoven, A.M. Zoidis, E. Silva, and J. Rivers. 2007. A visual sighting and acoustic detections of minke whales, *Balaenoptera acutorostrata* (Cetacea: Balaenopteridae), in near-shore Hawaiian waters. *Pacific Sci.* 61(3):395-398.
- Reeves, R.R., J.G. Mead, and S. Katona. 1978. The right whale, *Eubalaena glacialis*, in the western North Atlantic. *Rep. Int. Whal. Comm.* 28:303-12.
- Reeves, R.R., P.J. Clapham, R.L. Brownell, Jr., and G.K. Silber. 1998. Recovery plan for the blue whale (*Balaenoptera musculus*). Office of Protected Resources, NMFS, NOAA, Silver Spring, MD. 30 p.
- Reeves, R.R., S. Leatherwood, and R.W. Baird. 2009. Evidence of a possible decline since 1989 in false killer whales (*Pseudorca crassidens*) around the main Hawaiian Islands. *Pacific Sci.* 63(2):253-261.
- Reeves, R.R., T.D. Smith, and E.A. Josephson. 2008. Observations of western gray whales by ship-based whalers in the 19th century. Paper SC/60/BRG7 prepared for the Int. Whal. Comm. (unpublished).
- Reichmuth, C., Holt, M. M., Mulsow, J., Sills, J. M., and Southall, B. L. (2013). “Comparative assessment of amphibious hearing in pinnipeds,” *J. Comp. Physiol. A* 199, 491–507.
- Reilly, S.B. and V.G. Thayer. 1990. Blue whale (*Balaenoptera musculus*) distribution in the eastern tropical Pacific. *Mar. Mamm. Sci.* 6(4):265-277.
- Relyea, Rick. (2005). The Lethal Impact of Roundup® on Aquatic and Terrestrial Amphibians. *Ecological Applications*. 15. 1118-1124. 10.1890/04-1291.

- Reyes, J.C. 1991. The conservation of small cetaceans: a review. Rep. for the Secretariat of the Convention on the Conservation of Migratory Species of Wild Animals. UNEP/CMS Secretariat, Bonn, Germany.
- Rice, A.N., J.T. Tielens, B.J. Estabrook, C.A. Muirhead, A. Rahaman, M. Guerra, and C.W. Clark. 2014. Variation of ocean acoustic environments along the western North Atlantic coast: A case study in context of the right whale migration route. *Ecol. Inform.* 21:89-99.
- Rice, D.W. 1978. The humpback whale in the North Pacific: distribution, exploitation and numbers. p. 29-44 *In*: K.S. Norris and R.R. Reeves (eds.), Report on a workshop on problems related to humpback whales (*Megaptera novaeangliae*) in Hawaii. U.S. Dept. Comm. NTIS PB 280 794.
- Rice, D.W. 1986. Beaked whales. p. 102-109 *In*: Haley, D. (ed.), Marine mammals of the eastern North Pacific and Arctic waters. Pacific Search Press, Seattle, WA.
- Rice, D.W. 1989. Sperm whale *Physeter macrocephalus* Linnaeus, 1758. p. 177-233 *In*: Ridgway, S.H. and R. Harrison (eds.), Handbook of marine mammals, Vol. 4: River dolphins and the larger toothed whales. Academic Press, San Diego, CA. 444 p.
- Rice, D.W. 1998. Marine mammals of the world, systematics and distribution. Spec. Publ. 4. Soc. Mar. Mammal., Allen Press, Lawrence, KS. 231 p.
- Rice, D.W. and A.A. Wolman. 1971. The life history and ecology of the gray whale (*Eschrichtius robustus*). Soc. Mar. Mammal., Spec. Publ. 3, Allen Press, Lawrence, KS.
- Richardson, W.J., C.R. Greene, Jr., C.I. Malme, and D.H. Thomson. 1995. Marine mammals and noise. Academic Press, San Diego. 576 p.
- Richardson, W.J., G.W. Miller, and C.R. Greene, Jr. 1999. Displacement of migrating bowhead whales by sounds from seismic surveys in shallow waters of the Beaufort Sea. *J. Acoust. Soc. Am.* 106(4, Pt. 2):2281
- Ridgway, S. H., Carder, D. A., Smith, R. R., Kamolnick, T., Schlundt, C. E., and Elsberry, W. R. (1997). " Behavioral responses and temporary shift in masked hearing thresholds of bottlenose dolphins, *Tursiops truncatus*, to 1-second tones of 141–201 dB re 1 μ Pa," Technical Report 1751 (Naval Command, Control, and Ocean Surveillance Center, RDT&E Division, San Diego, CA).
- Robinson, P.W., D.P. Costa, D.E. Crocker, J.P. Gallo-Reynoso, C.D. Champagne, M.A. Fowler, C. Goetsch, K.T. Goetz, J.L. Hassrick, L.A. Huckstadt, C.E. Kuhn, J.L. Maresh, S.M. Maxwell, B.I. McDonald, S.H. Peterson, S.E. Simmons, N.M. Teutsschel, S. Villegas-Amtmann, and K. Yoda. 2012. Foraging behaviour and success of a mesopelagic predator in the Northeast Pacific Ocean: insights from a data-rich species, the northern elephant seal. *PLoS ONE* 7(5):e36728. doi:10.1371/journal.pone.0036728.
- Rolland, R.M., S.E. Parks, K.E. Hunt, M. Castellote, P.J. Corkeron, D.P. Nowacek, S.K. Water, and S.D. Kraus. 2012. Evidence that ship noise increases stress in right whales. *Proc. R. Soc. B* 279:2363-2368.

Rolland, R., Susan E. Parks, Kathleen E. Hunt, Manuel Castellote, Peter J. Corkeron, Douglas P. Nowacek, Samuel K. Wasser, Scott D. Kraus Proc. R. Soc. B 2012 -; DOI: 10.1098/rspb.2011.2429. Published 8 February 2012

Romano, T.A., M.J. Keogh, C. Kelly, P. Feng, L. Berk, C.R. Schlundt, et al. 2004. Anthropogenic sound and marine mammal health: Measures of the nervous and immune systems before and after intense sound exposure. Canadian Journal of Fisheries and Aquatic Sciences 61:1124- 1134.

Romero, 2004; Physiological stress in ecology: lessons from biomedical research. Trends Ecol Evol. 2004 May;19(5):249-55.

Roppel, A.Y. 1984. Management of northern fur seals on the Pribilof Islands, Alaska, 1786-1981. U.S. Dep. Commer., NOAA Tech. Rep. NMFS-4. 32 p.

Sairanen, E.E. 2014. Weather and ship induced sounds and the effect of shipping on harbor porpoise (*Phocoena phocoena*) activity. M.Sc. Thesis, University of Helsinki. 67 p.

Salden, D.R. 1993. Effects of research boat approaches on humpback whale behavior off Maui, Hawaii, 1989–1993. p. 94 *In*: Abstr. 10th Bienn. Conf. Biol. Mar. Mamm., Galveston, TX, Nov. 1993. 130 p.

Salden, D.R. and J. Mickelsen. 1999. Rare sighting of a North Pacific right whale (*Eubalaena glacialis*) in Hawai'i. Pacific Sci. 53(4):341-345.

Sasaki, H., H. Murase, H. Kiwada, K. Matsuoka, Y. Mitani, and S.I. Saito. 2013. Habitat differentiation between sei (*Balaenoptera borealis*) and Bryde's whales (*B. brydei*) in the western North Pacific. Fish. Oceanog. 22(6):496-508.

Scarff, J.E. 1986. Historic and present distribution of the right whale (*Eubalaena glacialis*) in the eastern North Pacific south of 50°N and east of 180°W. Rep. Int. Whal. Comm. Spec. Iss. 10:43-63.

Scarff, J.E. 1991. Historic distribution and abundance of the right whale (*Eubalaena glacialis*) in the North Pacific, Bering Sea, Sea of Okhotsk and Sea of Japan from the Maury Whale Charts. Rep. Int. Whal. Comm. 41:467-489.

Scholik, A. R. and Yan, H. Y. (2001). Effects of underwater noise on auditory sensitivity of a cyprinid fish. Hear. Res. 152, 17-24.

Schorr, G.S., R.W. Baird, M.B. Hanson, D.L. Webster, D.J. McSweeney, and R.D. Andrews. 2009. Movements of satellite-tagged Blainville's beaked whales off the island of Hawaii. Endang. Spec. Res. 10:203-213.

Sciacca, V., S. Viola, S. Pulvirenti, G. Riccobene, F. Caruso, E. De Domenico, and G. Pavan. 2016. Shipping noise and seismic airgun surveys in the Ionian Sea: potential impact on Mediterranean fin whale. Proceedings of Meetings on Acoustics 4ENAL 27(1):040010. <https://doi.org/10.1121/2.0000311>.

- Sekiguchi, K., H. Onishi, H. Sasaki, S. Haba, Y. Iwahara, D. Mizuguchi, M. Otsuki, D. Saijo, B. Nishizawa, H. Mizuno, and N. Hoshi. 2014. Sightings of the western stock of North Pacific right whales (*Eubalaena japonica*) in the far southeast of the Kamchatka Peninsula. *Mar. Mamm. Sci.* 30(3):1199-1209.
- Sergeant, D.E. 1977. Stocks of fin whales *Balaenoptera physalus* L. in the North Atlantic Ocean. *Rep. Int. Whal. Comm.* 27:460-473.
- Seyle, H. 1950. Stress and the general adaptation syndrome. *British Medical Journal* June 17:1383-1392.
- Shelden, K.E.W., S.E. Moore, J.M., Waite, P.R. Wade, and D.J. Rugh. 2005. Historic and current habitat use by North Pacific right whales *Eubalaena japonica* in the Bering Sea and Gulf of Alaska. *Mamm. Rev.* 35:129-155.
- Sih A1, Bell A, Johnson JC. 2004. Behavioral syndromes: an ecological and evolutionary overview. *Trends Ecol Evol.* 2004 Jul;19(7):372-8.
- Silber, G. K., J. Slutsky, and S. Bettridge. 2010. Hydrodynamics of a ship/whale collision. *Journal of Experimental Marine Biology and Ecology* 39:10–19
- Sills, J.M., B.L. Southall, and C. Reichmuth. 2017. The influence of temporally varying noise from seismic air guns on the detection of underwater sounds by seals. *J. Acoust. Soc. Am.* 141(2):996-1008.
- Simard, Y., F. Samaran, and N. Roy. 2005. Measurement of whale and seismic sounds in the Scotian Gully and adjacent canyons in July 2003. p. 97-115 In: K. Lee, H. Bain, and C.V. Hurley (eds.), *Acoustic monitoring and marine mammal surveys in the Gully and outer Scotian Shelf before and during active seismic surveys.* *Environ. Stud. Res. Funds Rep.* 151. 154 p. (Published 2007).
- Sivle, L.D., P.H., Kvadsheim, and M.A. Ainslie. 2014. Potential for population-level disturbance by active sonar in herring. *ICES J. Mar. Sci.* 72:558-567.
- Skalski, J.R., W.H. Pearson, and C.I. Malme. 1992. Effects of sounds from a geophysical survey device on catch-per-unit-effort in a hook-and-line fishery for rockfish (*Sebastes* spp.). *Canadian Journal of Fisheries and Aquatic Sciences* 49: 1357-1365.
- Southall, B.L., A.E. Bowles, W.T. Ellison, J.J. Finneran, R.L. Gentry, C.R. Greene Jr., D. Kastak, D.R. Ketten, J.H. Miller, P.E. Nachtigall, W.J. Richardson, J.A. Thomas, and P.L. Tyack. 2007. Marine mammal noise exposure criteria: initial scientific recommendations. *Aquat. Mamm.* 33(4):411-522.
- Southall, B.L., T. Rowles, F. Gulland, R.W. Baird, and P.D. Jepson. 2013. Final report of the Independent Scientific Review Panel investigating potential contributing factors to a 2008 mass stranding of melon-headed whales (*Peponocephala electra*) in Antsohihy, Madagascar. Accessed in November 2014 at <http://iwc.int/2008-mass-stranding-in-madagascar>.
- Stafford, K.M. 2003. Two types of blue whale calls recorded in the Gulf of Alaska. *Mar. Mamm. Sci.* 19(4):682-693.

- Stafford, K.M., D.K. Mellinger, S.E. Moore, and C.G. Fox. 2007. Seasonal variability and detection range modeling of baleen whale calls in the Gulf of Alaska, 1999–2002. *J. Acoust. Soc. Am.* 122(6):3378-3390.
- Stafford, K.M., J.J. Citta, S.E. Moore, M.A. Daher, and J.E. George. 2009. Environmental correlates of blue and fin whale call detections in the North Pacific Ocean from 1997 to 2002. *Mar. Ecol. Prog. Ser.* 395:37-53.
- Stafford, K.M., S.L. Niekirk, and C.G. Fox. 1999. Low-frequency whale sounds recorded on hydrophones moored in the eastern tropical Pacific. *J. Acoust. Soc. Am.* 106(6):3687-3698.
- Stafford, K.M., S.L. Niekirk, and C.G. Fox. 2001. Geographic and seasonal variation of blue whale calls in the North Pacific. *J. Cetac. Res. Manage.* 3(1):65-76
- Sterling, J.T., A.M. Springer, S.J. Iverson, S.P. Johnson, N.A. Pelland, D.S. Johnson, M.A. Lea, and N.A. Bond. 2014. The sun, moon, wind, and biological imperative—shaping contrasting wintertime migration and foraging strategies of adult male and female northern fur seals (*Callorhinus ursinus*). *PLoS ONE* 9(4):e93068. doi:10.1371/journal.pone.0093068.
- Stewart, B.S. and H.R. Huber. 1993. *Mirounga angustirostris*. *Mammal. Species* 449:1-10.
- Stewart, B.S. and R.L. DeLong. 1995. Double migrations of the northern elephant seal, *Mirounga angustirostris*. *J. Mammal.* 76(1):196-205.
- Stewart, B.S. and S. Leatherwood. 1985. Minke whale *Balaenoptera acutorostrata* Lacépède, 1804. p. 91-136 In: Ridgway, S.H. and R. Harrison (eds.) *Handbook of marine mammals, Vol. 3: The sirenians and baleen whales*. Academic Press, London, U.K. 362 p.
- Stewart, B.S., B.J. LeBoeuf, P.K. Yochem, H.R. Huber, R.L. DeLong, R.J. Jameson, W. Sydeman, and S.G. Allen. 1994. History and present status of the northern elephant seal population. In: B.J. LeBoeuf and R.M. Laws (eds.) *Elephant seals*. Univ. Calif. Press. Los Angeles.
- Stewart, B.S., G.A. Antonelis, J.D. Baker, and P. Yochem. 2006. Foraging biogeography of the Hawaiian monk seal in the northwestern Hawaiian Islands. *Atoll Res. Bull.* 543:313-145.
- Stone, C.J. 2015. Marine mammal observations during seismic surveys from 1994–2010. *JNCC Rep. No.* 463a. 64 p.
- Stone, G.S., L. Cavagnaro, A. Hutt, S. Kraus, K. Baldwin, and J. Brown. 2000. Reactions of Hector's dolphins to acoustic gillnet pingers. *New Zealand Department of Conservation*: 28.
- Teilmann et al. 2006. Reactions Of Captive Harbor Porpoises (*Phocoena Phocoena*) To Pinger-Like Sounds. *Marine Mammal Science* Volume 22, Issue 2.
- Teilmann, J., D.M. Wisniewska, M. Johnson, L.A. Miller, U. Siebert, R. Dietz, S. Sveegaard, A. Galatius, and P.T. Madsen. 2015. Acoustic tags on wild harbour porpoises reveal context-specific reactions to ship noise. *In* 18. *Danske Havforskermøde*.

- Tenessen, J.B. and S.E. Parks. 2016. Acoustic propagation modeling indicates vocal compensation in noise improves communication range for North Atlantic right whales. *Endang. Species Res.* 30:225-237.
- Terhune, J.M. and T. Bosker. 2016. Harp seals do not increase their call frequencies when it gets noisier. p. 1149-1153 *In: A.N. Popper and A. Hawkins (eds.), The effects of noise on aquatic life II.* Springer, New York, NY. 1292 p.
- Thode, A.M., K.H. Kim, S.B. Blackwell, C.R. Greene, Jr., C.S. Nations, T.L. McDonald, and A.M. Macrander. 2012. Automated detection and localization of bowhead whale sounds in the presence of seismic airgun surveys. *J. Acoust. Soc. Am.* 131(5):3726-3747.
- Tolstoy, M., J. Diebold, L. Doermann, S. Nooner, S.C. Webb, D.R. Bohnstiehl, T.J. Crone, and R.C. Holmes. 2009. Broadband calibration of R/V *Marcus G. Langseth* four-string seismic sources. *Geochem. Geophys. Geosyst.* 10:Q08011. <https://doi.org/10.1029/2009GC002451>.
- Tyack, P.L. and V.M. Janik. 2013. Effects of noise on acoustic signal production in marine mammals. p. 251-271 *In: Animal communication and noise.* Springer, Berlin, Heidelberg, Germany.
- USFWS (U.S. Fish and Wildlife Service). 2017. Endangered species. Accessed in February 2018 at <https://www.fws.gov/endangered/>
- USN (U.S. Navy). 2017. Criteria and thresholds for U.S. Navy Acoustic and Explosive Effects Analysis (Phase III). Technical Report prepared by the U.S. Navy
- Van Cise, A.M., K. Martien, S.D. Mahaffy, R.W. Baird, D.L. Webster, J.H. Fowler, E.M. Oleson, and P.A. Morin. 2017. Familial social structure and socially driven genetic differentiation in Hawaiian short-finned pilot whales. *Mol. Ecol.* 26(23):6730-6741.
- Vanderlaan and Taggart. 2007. Vessel Collisions With Whales: The Probability Of Lethal Injury Based On Vessel Speed. *Marine Mammal Science* Volume 23, Issue 1.
- Vladimirov, V.A., S.P. Starodymov, A.G. Afanasyev-Grigoriyev, and J. Muir. 2008. Distribution and abundance of Korean stock gray whales in the waters of northeastern Sakhalin during June-October 2007. Final Report by the All-Russian Research Institute of Fisheries and Oceanography (VNIRO), Moscow, Russia, the Institute of Marine Biology FEB RAS, Vladivostok, Russia, and LGL Limited, Sidney, Canada for Exxon Neftegas Limited and Sakhalin Energy Investment Company, Yuzhno-Sakhalinsk.
- Wade, P., M.P. Heide-Jørgensen, K. Shelden, J. Barlow, J. Carretta, J. Durban, R. LeDuc, L. Munger, S. Rankin, A. Sauter, and C. Stinchcomb. 2006. Acoustic detection and satellite-tracking leads to discovery of rare concentration of endangered North Pacific right whales. *Biol. Lett.* 2(3):417-419.
- Wade, P.R. and T. Gerrodette. 1993. Estimates of cetacean abundance and distribution in the eastern tropical Pacific. *Rep. Int. Whal. Comm.* 43:477-493.

- Wade, P.R., A. Kennedy, R. LeDuc, J. Barlow, J. Carretta, K. Shelden, W. Perryman, R. Pitman, K. Robertson, B. Rone, J.C. Salinas, A. Zerbini, R.L. Brownell, Jr., and P. Clapham. 2011. The world's smallest whale population. *Biol. Lett.* 7:83-85.
- Walker, J.L., C.W. Potter, and S.A. Macko. 1999. The diets of modern and historic bottlenose dolphin populations reflected through stable isotopes. *Mar. Mamm. Sci.* 15(2):335-350.
- Wang, M.C., W.A. Walker, K.T. Shao, and L.S. Chou. 2002. Comparative analysis of the diets of pygmy sperm whales and dwarf sperm whales in Taiwanese waters. *Acta Zool. Taiwan* 13(2):53-62.
- Ward, W. D. (1997). Effects of high-intensity sound. In M. J. Crocker (Ed.), *Encyclopedia of acoustics*, volume III (pp. 1497-1507). New York: John Wiley & Sons.
- Wartzok et al. 2003. Factors Affecting the Responses of Marine Mammals to Acoustic Disturbance. *Marine Technology Society Journal* 37(4):6-15.
- Wartzok, D., A.N. Popper, J. Gordon, and J. Merrill. 2004. Factors affecting the responses of marine mammals to acoustic disturbance. *Mar. Technol. Soc. J.* 37(4):6-15.
- Watkins, W.A., J.E. George, M.A. Daher, K. Mullin, D.L. Martin, S.H. Haga, and N.A. DiMarzio. 2000b. Whale call data from the North Pacific, November 1995 through July 1999: occurrence of calling whales and source locations from SOSUS and other acoustic systems. Tech. Rep. WHOI-00-02. Woods Hole Oceanographic Inst., Woods Hole, MA. 160 p.
- Watkins, W.A., M.A. Daher, G.M. Reppucci, J.E. George, D.L. Martin, N.A. DiMarzio, and D.P. Gannon. 2000a. Seasonality and distribution of whale calls in the North Pacific. *Oceanography* 13:62-67.
- Weilgart, L.S. 2007. A brief review of known effects of noise on marine mammals. *Int. J. Comp. Psychol.* 20:159-168.
- Weir, C.R. and S.J. Dolman. 2007. Comparative review of the regional marine mammal mitigation guidelines implemented during industrial seismic surveys, and guidance towards a worldwide standard. *J. Int. Wildl. Law Policy* 10(1):1-27.
- Weller, D.W., A. Klimek, A.L. Bradford, J. Calambokidis, A.R. Lang, B. Gisborne, A.M. Burdin, W. Szanislo, J. Urbán, A.G.G. Unzueta, S. Swartz, and R.L. Brownell, Jr. 2012. Movements of gray whales between the western and eastern North Pacific. *Endang. Species Res.* 18:193-199.
- Weller, D.W., A.L. Bradford, H. Kato, T. Bando, S. Ohtani, A.M. Burdin, and R.L. Brownell, Jr. 2008. Photographic match of a western gray whale between Sakhalin Island, Russia, and Honshu, Japan: first link between feeding ground and migratory corridor. *J. Cetacean Res. Manage.* 10:89-91.
- Weller, D.W., A.M. Burdin, and R.L. Brownell, Jr. 2013. A gray area: on the matter of gray whales in the western North Pacific. *J. Am. Cetacean Soc.* 42(1):20-33.

- Weller, D.W., A.M. Burdin, B. Würsig, B.L. Taylor, and R.L. Brownell, Jr. 2002b. The western gray whale: a review of past exploitation, current status and potential threats. *J. Cetacean Res. Manage.* 4(1):7-12.
- Weller, D.W., B. Würsig, A.L. Bradford, A.M. Burdin, S.A. Blokhin, H. Minakuchi, and R.L. Brownell, Jr. 1999. Gray whales (*Eschrichtius robustus*) off Sakhalin island, Russia: seasonal and annual patterns of occurrence. *Mar. Mamm. Sci.* 15(4):1208-1227.
- Weller, D.W., S.H. Reeve, A.M. Burdin, B. Würsig, and R.L. Brownell, Jr. 2002a. A note on spatical distribution of western gray whales (*Eschrichtius robustus*) off Sakhalin island, Russia in 1998. *J. Cetacean Res. Manage.* 4(1):13-17.
- Weller, D.W., Y.V. Ivashchenko, G.A. Tsidulko, A.M. Burdin, and R.L. Brownell, Jr. 2002. Influence of seismic surveys on western gray whales off Sakhalin Island, Russia in 2001. Paper SC/54/BRG14, IWC, Western Gray Whale Working Group Meet., 22-25 Oct., Ulsan, South Korea. 12 p.
- Wells, R.S. and M.D. Scott. 2009. Common bottlenose dolphin *Tursiops truncatus*. p. 249-255 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Whitehead, H. 2002. Estimates of the current global population size and historical trajectory for sperm whales. *Mar. Ecol. Prog. Ser.* 242:295-304.
- Whitehead, H. 2009. Sperm whale *Physeter macrocephalus*. p. 1091-1097 *In*: W.F. Perrin, B. Würsig, and J.G.M. Thewissen (eds.), *Encyclopedia of marine mammals*, 2nd ed. Academic Press, San Diego, CA. 1316 p.
- Williams, T.M, W.A. Friedl, M.L. Fong, R.M. Yamada, P. Sideivy, and J.E. Haun. 1992. Travel at low energetic cost by swimming and wave-riding bottlenose dolphins. *Nature* 355(6363):821-823.
- Willis, K.L., J. Christensen-Dalsgaard, D.R. Ketten, and C.E. Carr. 2013. Middle ear cavity morphology is consistent with an aquatic origin for testudines. *PLoS One* 8(1):e54086. doi:10.1371/journal.pone.0054086.
- Willis, P.M. and R.W. Baird. 1998. Sightings and strandings of beaked whales on the west coast of Canada. *Aquat. Mamm.* 24(1):21-25.
- Wilson, K., C. Littnan, and A.J. Read. 2017. Movements and home ranges of monk seals in the main Hawaiian Islands. *Mar. Mamm. Sci.* 33(4):1080-1096.
- Winn, H.E. and N.E. Reichley. 1985. Humpback whale *Megaptera novaeangliae* (Borowski, 1781). p. 241-273 *In*: S.H. Ridgway and R. Harrison (eds.), *Handbook of marine mammals*, Vol. 3: The sirenians and baleen whales. Academic Press, London, U.K. 362 p.
- Wisniewska, D.M., M. Johnson, J. Teilmann, U. Siebert, A. Galatius, R. Dietz, and P.T. Madsen. 2018, High rates of vessel noise disrupt foraging in wild harbour porpoises (*Phocoena phocoena*). *Proc. R. Soc. B* 285: 20172314.

Wittekind, D., J. Tougaard, P. Stolz, M. Dähne, K. Lucke, C.W. Clark, S. von Benda-Beckmann, M. Ainslie, and U. Siebert. 2016. Development of a model to assess masking potential for marine mammals by the use of airguns in Antarctic waters. p. 1243-1249 *In*: A.N. Popper and A. Hawkins (eds.), *The effects of noise on aquatic life II*. Springer, New York, NY. 1292 p.

Wright, A.J. 2014. Reducing impacts of human ocean noise on cetaceans: knowledge gap analysis and recommendations. 98 p. World Wildlife Fund Global Arctic Programme, Ottawa, Canada.

Wright, A.J. and A.M. Consentino. 2015. JNCC guidelines for minimizing the risk of injury and disturbance to marine mammals from seismic surveys: we can do better. *Mar. Poll. Bull.* 100(1):231-239.
<https://doi.org/10.1016/j.marpolbul.2015.08.045>.

Würsig, B., S.K. Lynn, T.A. Jefferson, and K.D. Mullin. 1998. Behaviour of cetaceans in the northern Gulf of Mexico relative to survey ships and aircraft. *Aquatic Mamm.* 24(1):41-50.

Würsig, B.G., D.W. Weller, A.M. Burdin, S.H. Reeve, A.L Bradford, S.A. Blokhin, and R.L Brownell, Jr. 1999. Gray whales summering off Sakhalin Island, Far East Russia: July-October 1997. A joint U.S.-Russian scientific investigation. Final Report. Rep. from Texas A&M Univ., College Station, TX, and Kamchatka Inst. Ecol. & Nature Manage., Russian Acad. Sci., Kamchatka, Russia, for Sakhalin Energy Investment Co. Ltd and Exxon Neftegaz Ltd, Yuzhno-Sakhalinsk, Russia. 101 p.

Yatsu, T. 1993. Distributions of epipelagic fishes, squids, marine mammals, seabirds and sea turtles in the central North Pacific. *Int. North Pacific Fish. Comm. Bull.* 53(3):111-146.

Yazvenko, S.B., T.L. McDonald, S.A. Blokhin, S.R. Johnson, H.R. Melton, and M.W. Newcomer. 2007b. Feeding activity of western gray whales during a seismic survey near Sakhalin Island, Russia. *Environ. Monit. Assess.* 134(1-3):93-106.

Yazvenko, S.B., T.L. McDonald, S.A. Blokhin, S.R. Johnson, S.K. Meier, H.R. Melton, M.W. Newcomer, R.M. Nielson, V.L. Vladimirov, and P.W. Wainwright. 2007a. Distribution and abundance of western gray whales during a seismic survey near Sakhalin Island, Russia. *Environ. Monit. Assess.* 134(1-3):45-73.

Yelverton, J. T., D. R. Richmond, E. R. Fletcher, and R. K. Jones. 1973. Safe distance from underwater explosions for mammals and birds. Technical Report DNA 3114 T. Defense Nuclear Agency, Department of Defense, Washington, D.C.

Zimmer, W.M.X., Tyack, P.L., 2007. Repetitive shallow dives pose decompression risk in deep-diving beaked whales. *Mar. Mam. Sci.* 23, 888–925.