

ADF&G (Alaska Department of Fish and Game). 2014. Petition to designate the Central North Pacific stock of humpback whale (*Megaptera novaeangliae*) as a Distinct Population Segment and remove the DPS from the List of Endangered and Threatened Species under the Endangered Species Act. February 26, 2014.

[https://www.adfg.alaska.gov/static/home/news/pressreleases/pdfs/cnp\\_humpback\\_petition\\_2-26-2014.pdf](https://www.adfg.alaska.gov/static/home/news/pressreleases/pdfs/cnp_humpback_petition_2-26-2014.pdf)

AIDEA. 2008. Skagway Ore Terminal Information Sheet. April 2008.

[http://www.mxak.org/ports/southeast/skagway/Skagway\\_Ore\\_Terminal.pdf](http://www.mxak.org/ports/southeast/skagway/Skagway_Ore_Terminal.pdf)

Ainslie, M. A., De Jong, C. A. F., Dol, H. S., Blacquière, G., & Marasini, C. 2009. *Assessment of natural and anthropogenic sound sources and acoustic propagation in the North Sea*. Den Haag: TNO.

Allen, B.M. and R.P. Angliss. 2010. Alaska Marine Mammal Stock Assessments, 2010. NOAA Technical Memorandum NMFS\_AFSC-223, 292 p.

Allen, B.M. and R.P. Angliss. 2013. Editors. Alaska marine mammal stock assessments, 2012. National Marine Fisheries Service.

Allen, B.M. and R.P. Angliss. 2014. Alaska marine mammal stock assessments, 2013. NOAA Technical Memorandum NMFS-AFSC-277, National Marine Fisheries Service: 304.

Angliss, R.P. and R.B. Outlaw. 2005. Alaska Marine Mammal Stock Assessments, 2005. NOAA Technical Memorandum NMFS-AFSC-161, 250 p.

ANSI (American National Standards Institute). 1986. Methods of measurement for impulse noise 3 (ANSI S12.7-1986). Acoustical Society of America, Woodbury, NY.

ANSI (American National Standards Institute). 1986. Methods of measurement for impulse noise 3 (ANSI S12.7-1986). Acoustical Society of America, Woodbury, NY.

Archer, F.I., S.L. Mesnick, and A.C. Allen. 2010. Variation and predictors of vessel response behavior in a tropical dolphin community. NOAA Technical Memorandum NMFS-SWFSC-457, National Marine Fisheries Service: 60.

Au, W.W.L. and M.C. Hastings. 2008. Principles of Marine Bioacoustics. Springer, New York

Watkins, W.A. 1986. Whale reactions to human activities in Cape Cod waters. *Marine Mammal Science* **2** (4):251-262.

Au, W.W.L., A.A. Pack, M.O. Lammers, L.M. Herman, M.H. Deakos, and K. Andrews. 2006. Acoustic properties of humpback whale songs. *Journal of Acoustical Society of America* **120** (2):1103-1110.

- Beauchamp, G. and B. Livoreil. 1997. The effect of group size on vigilance and feeding rate in spice finches (*Lonchura punctulata*). *Canadian Journal of Zoology* **75** (9):1526-1531.
- Bejder, L., A. Samuels, H. Whitehead, N. Gales, J. Mann, R. Connor, et al. 2006. Decline in relative abundance of bottlenose dolphins exposed to long-term disturbance. *Conservation Biology* **20** (6):1791-1798.
- Bejder, L., A. Samuels, H. Whitehead, H. Finn, and 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**:177-185.
- Best, P.B. 1982. Whales: Why do they strand? *African Wildlife* **36** (3):96-99.
- Bigg, M. A. 1969. Clines in the pupping season of the harbour seal, *Phoca vitulina*. *Journal of the Fisheries Board of Canada*, *26*(2), 449-455.
- Bigg, M. A. 1981. Harbour seal, *Phoca vitulina* and *Phoca largha*. *Handbook of Marine Mammals*. Edited by SH Ridgway and RJ Harrison. *Academic Press, New York*, 1-28.
- Blackwell, S.B., J.W. Lawson, and M.T. Williams. 2004. Tolerance by ringed seals (*Phoca hispida*) to impact pipe-driving and construction sounds at an oil production island. *Journal of the Acoustical Society of America* **115** (5):2346.
- 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.
- 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.
- Branstetter, B.K., J.S. Trickey, K. Bakhtiari, A. Black, H. Aihara, and J.J. Finneran. 2013. Auditory masking patterns in bottlenose dolphins (*Tursiops truncatus*) with natural, anthropogenic, and synthesized noise. *Journal of the Acoustical Society of America* **133** (3):1811-1818. Brown, R.F. 1988. Assessment of pinniped populations in Oregon: April 1984 to April 1985. NWAFC Processed Report 88-05, National Marine Fisheries Service: 54.
- Boveng, P. L., J. M. London, and J.M. Ver Hoef. 2012. Distribution and Abundance of Harbor Seals in Cook Inlet, Alaska. Task III: Movements, Marine Habitat Use, Diving Behavior, and Population Structure, 2004-2006. Final Report. BOEM Report 2012-065. Bureau of Ocean Energy Management, Alaska Outer Continental Shelf Region, Anchorage, Alaska, USA. 58 pp.

- Bowles, A.E., M. Smultea, B. Wursig, D.P. DeMaster, and D. Palka. 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** (4):2469-2484.
- Buckland, S. T., Anderson, D. R., Burnham, K. P., and Laake, J. L. (1993). *Distance Sampling: Estimating Abundance of Biological Populations*. London: Chapman and Hall.
- Burkanov, V. N., & Loughlin, T. R. (2005). Distribution and abundance of Steller sea lions, *Eumetopias jubatus*, on the Asian coast, 1720's-2005. *Marine Fisheries Review*, *67*(2), 1.
- Calambokidis, J., Laake, J., Gosho, M., Gearin, P., Szaniszlo, W., Newell, C., Tombach, C., Megill, W. and Deecke, V.B., 2008. Seasonal resident gray whales in the Pacific Northwest: Results from collaborative research from 1999 to 2007. In *2008 meeting of the American Cetacean Society*. University of Bath.
- Calambokidis, J., Steiger, G. and Evenson, J.R., 1993. Photographic identification and abundance estimates of humpback and blue whales off California in 1991-92. *Cascadia Research*.
- Calambokidis, J., Steiger, G. H., Cabbage, J. C., Balcomb, K. C., Bloedel, P., & Bockus, D. W. 1989. Abundance and distribution of blue and humpback whales in the Gulf of the Farallones, California. In 8th Biennial Conference on the Biology of Marine Mammals, Abstracts. Pacific Grove (Vol. 7).
- Calambokidis, J., Steiger, G.H., Straley, J.M., Quinn, T., Barlow, J., Herman, L.M., Cerchio, S., Salden, D.R., Yamaguchi, M., Sato, F. and Urban, J., 1997. Population, abundance, and structure of humpback whales in the North Pacific Basin. *Draft final report to the Southwest Fisheries Science Center, La Jolla, CA by Cascadia Research Collective, Olympia, WA*.
- Carlson, T.J., D.L. Woodruff, G.E. Johnson, N.P. Kohn, G.R. Ploskey, M.A. Weiland, et al. 2005. Hydroacoustic measurements during pile driving at the Hood Canal Bridge, September through November 2004. PNWD-3621, Prepared by Battelle Marine Sciences Laboratory for the Washington State Department of Transportation: 165.
- Carretta, J.V., E. Oleson, D.W. Weller, A.R. Lang, K.A. Forney, J. Baker, et al. 2014. U.S. Pacific marine mammal stock assessments: 2013. NOAA Technical Memorandum NMFS-SWFSC-532, National Marine Fisheries Service: 414.
- 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. *Marine Ecology Progress Series* **395**:201-222.

- Connor, R.C. and M.R. Heithaus. 1996. Approach by great white shark elicits flight response in bottlenose dolphins. *Marine Mammal Science* **12** (4):602-606.
- Costa, D.P., D.E. Crocker, J. Gedamke, P.M. Webb, D.S. Houser, S.B. Blackwell, et al. 2003. The effect of a low-frequency sound source (acoustic thermometry of the ocean climate) on the diving behavior of juvenile northern elephant seals, *Mirounga angustirostris*. *Journal of the Acoustical Society of America* **113** (2):1155-1165.
- Cox, T.M., T.J. Ragen, A.J. Read, E. Vos, R.W. Baird, K. Balcomb, et al. 2006. Understanding the impacts of anthropogenic sound on beaked whales. *Journal of Cetacean Research and Management* **7** (3):177-187.
- Croll, D.A., C.W. Clark, J. Calambokidis, W.T. Ellison, and B.R. Tershy. 2001. Effect of anthropogenic low-frequency noise on the foraging ecology of *Balaenoptera* whales. *Animal Conservation* **4** (1):13-27.
- Daan, S., C. Deerenberg, and C. Dijkstra. 1996. Increased daily work precipitates natural death in the kestrel. *Journal of Animal Ecology* **65** (5):6.
- Dahlheim, M. E., Ellifrit, D. K., & Swenson, J. D. 1997. Killer whales of Southeast Alaska: a catalogue of photoidentified individuals.
- Dahlheim, M.D., J.M. Waite, and P.A. White. 2009. Cetaceans of Southeast Alaska: Distribution and Seasonal Occurrence. *Journal of Biogeography* 36.3 (2009): 410-426
- Dahlheim, M.D., A.N. Zerbini, J.M. Waite, and A.S. Kennedy. 2015. Temporal changes in abundance of harbor porpoise (*Phocoena phocoena*) inhabiting the inland waters of Southeast Alaska. *Fishery Bulletin*, 113(3), 242-256.
- Dahlheim, M.E., A. Schulman-Janiger, N. Black, R. Ternullo, D. Ellifrit, and K.C. Balcomb. 2008. Eastern temperate North Pacific offshore killer whales (*Orcinus orca*): Occurrence, movements, and insights into feeding ecology. *Marine Mammal Science* **24** (3):719-729.
- Di Iorio, L. and C.W. Clark. 2009. Exposure to seismic survey alters blue whale acoustic communication. *Biology Letters* **6** (1):51-54.
- Dickerson, C., K. J. Reine, D. G. Clarke, and R. M. Engler. 2001. Characterization of underwater sounds produced by bucket dredging operations DOER Technical Notes Collection (ERDC TN-DOER-E14), US Army Engineer Research and Development Center, Vicksburg, MS.
- Donovan, G. P. 1991. Distribution of sightings of minke whales in the North Atlantic. Appendix 5. *Report of the International Whaling Commission*, 41, 150-151.

- Dorsey, E. M., Stern, S. J., Hoelzel, A. R., & Jacobsen, J. 1990. Minke whale (*Balaenoptera acutorostrata*) from the west coast of North America: individual recognition and small-scale site fidelity. Rept. Int. Whal. Commn., Special, (12), 357-368.
- Durban, J., Weller, D., Lang, A., & Perryman, W. 2013. Estimating gray whale abundance from shore-based counts using a multilevel Bayesian model. Paper SC/65a/BRG02 presented to the IWC Scientific Committee.
- Ellis, G. M., Towers, J. R., & Ford, J. K. 2011. *Northern resident killer whales of British Columbia: photo-identification catalogue and population status to 2010*. Fisheries and Oceans Canada, Science Branch, Pacific Region.
- 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. *Conservation Biology* **26** (1):21-28.
- Erbe, C. 2008. Critical ratios of beluga whales (*Delphinapterus leucas*) and masked signal duration. *Journal of the Acoustical Society of America* **124** (4):2216-2223.
- 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.
- Everitt, R.D., C.H. Fiscus, and R.L. DeLong. 1980. Northern Puget Sound marine mammals. Interagency Energy/Environment R&D Program Report EPA-600/7-80-139, Prepared by National Marine Fisheries Service for Environmental Protection Agency: 150.
- Fair, P.A. and P.R. Becker. 2000. Review of stress in marine mammals. *Journal of Aquatic Ecosystem Stress and Recovery* **7** (4):335-354.
- Finneran, J.J., C.E. Schlundt, D.A. Carder, J.A. Clark, J.A. Young, J.B. Gaspin, and S.H. Ridgway. 2000. Auditory and behavioral responses of bottlenose dolphins (*Tursiops truncatus*) and a beluga whale (*Delphinapterus leucas*) to impulsive sounds resembling distant signatures of underwater explosions. *Journal of the Acoustical Society of America* **108** (1):417-431.
- Finneran, J.J., C.E. Schlundt, R. Dear, D.A. Carder, and S.H. Ridgway. 2002. Temporary shift in masked hearing thresholds in odontocetes after exposure to single underwater impulses from a seismic watergun. *Journal of the Acoustical Society of America* **111** (6):2929.
- Finneran, J.J., R. Dear, D.A. Carder, and S.H. Ridgway. 2003. Auditory and behavioral responses of California sea lions (*Zalophus californianus*) to single underwater impulses from an arc-gap transducer. *Journal of the Acoustical Society of America* **114** (3):1667.

- Finneran, J.J., D.A. Carder, C.E. Schlundt, and S.H. Ridgway. 2005. Temporary threshold shift in bottlenose dolphins (*Tursiops truncatus*) exposed to mid-frequency tones. *Journal of the Acoustical Society of America* **118** (4):2696-2705.
- Finneran, J.J. and A.K. Jenkins. 2012. Criteria and thresholds for U.S. Navy acoustic and explosive effects analysis. Technical Report, Space and Naval Warfare Systems Center Pacific, U.S. Navy: 64.
- Fisher, H.D., 1952. The Status of the Harbour Seal in British Columbia. *Fisheries Research Board of Canada Bulletin Ottawa*, 93.
- Ford, J. K., Ellis, G. M., & Balcomb, K. C. 2000. *Killer whales: the natural history and genealogy of *Orcinus orca* in British Columbia and Washington*. UBC Press.
- Foote, A.D., R.W. Osborne, and A.R. Hoelzel. 2004. Whale-call response to masking boat noise. *Nature* **428**:910
- Frankel, A.S. and C.W. Clark. 2000. Behavioral responses of humpback whales (*Megaptera novaeangliae*) to full-scale ATOC signals. *Journal of the Acoustical Society of America* **108** (4):1930-1937.
- Fristrup, K.M., L.T. Hatch, and C.W. Clark. 2003. Variation in humpback whale (*Megaptera novaeangliae*) song length in relation to low-frequency sound broadcasts. *Journal of the Acoustical Society of America* **113** (6):3411-3424.
- 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.
- Fritz, L., K. Sweeney, M. Lynn, T. Gelatt, J. Gilpatrick, and R. Towell, 2015. Counts of Alaska Steller sea lion adult and juvenile (non-pup) conducted on rookeries and haul-outs in Alaska Aleutian Islands, Bering Sea, and others from 1904-01-01 to 2014-07-09 (NCEI Accession 0128190). NOAA National Centers for Environmental Information. Dataset.
- Gailey, G., B. Wursig, 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):75-91.
- Geraci, J.R., J. Harwood, and V.J. Lounsbury. 1999. Marine mammal die-offs: Causes, investigations, and issues. Pages 367-395 in J. Twiss and R. Reeves, eds. *Conservation and Management of Marine Mammals*. Smithsonian Institution Press, Washington, DC.

- Goldbogen, J.A., J. Calambokidis, A.S. Friedlaender, J. Francis, S.L. Deruiter, A.K. Stimpert, et al. 2013a. Underwater acrobatics by the world's largest predator: 360° rolling manoeuvres by lunge-feeding blue whales. *Biology Letters* 9 (1):Article 20120986.
- Goldbogen, J.A., A.S. Friedlaender, J. Calambokidis, M.F. McKenna, M. Simon, and D.P. Nowacek. 2013b. Integrative approaches to the study of baleen whale diving behavior, feeding performance, and foraging ecology. *BioScience* 63 (2):90-100.
- Goold, J.C. 1996. Acoustic assessment of populations of common dolphin *Delphinus delphis* in conjunction with seismic surveying. *Journal of the Marine Biological Association of the United Kingdom* 76 (3):811-820.
- Gordon, J., D. Gillespie, J. Potter, A. Frantzis, M.P. Simmonds, R. Swift, and D. Thompson. 2003. A review of the effects of seismic surveys on marine mammals. *Marine Technology Society Journal* 37 (4):16-34.
- Götz, T., G. Hastie, L.T. Hatch, O. Raustein, B.L. Southall, M. Tasker, and F. Thomsen. 2009. Overview of the impacts of anthropogenic underwater sound in the marine environment. OSPAR Commission: 134.
- Halpin, P. N., A.J. Read, E. Fujioka, E.R.I.N. Labracque, and L.B. Crowder. 2009. oBis-seamaP. *Oceanography*, 22(2), 104.
- 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.M. (ed.). 1998. *Handbook of Acoustical Measurements and Noise Control*. Acoustical Society of America, Woodbury, NY.
- Hastings, K. K., Frost, K. J., Simpkins, M. A., Pendleton, G. W., Swain, U. G., & Small, R. J. (2004). Regional differences in diving behavior of harbor seals in the Gulf of Alaska. *Canadian Journal of Zoology*, 82(11), 1755-1773.
- Hastings, M.C. and A.N. Popper. 2005. Effects of sound on fish. Prepared by Jones & Stokes for the California Department of Transportation: 82.
- Hauser, D.D.W. and M Holst. 2009. Marine mammal monitoring during Lamont- Doherty Earth Observatory's marine seismic program in the Gulf of Alaska, September–October 2008. LGL Rep. TA4412-3. Rep. from LGL Ltd., St. John's, Nfld., and King City., Ont., for Lamont-Doherty Earth Observatory of Columbia Univ., Palisades, NY, and Nat. Mar. Fish. Serv., Silver Spring, MD. 78 p.
- Hemilä, S., S. Nummela, A. Berta, and T. Reuter. 2006. High-frequency hearing in phocid and otariid pinnipeds: An interpretation based on inertial and cochlear constraints (L). *Journal of the Acoustical Society of America* 120 (6):3463-3466.

- Hildebrand, J.A. 2009. Anthropogenic and natural sources of ambient noise in the ocean. *Marine Ecology Progress Series* **395**:5-20.
- Hobbs, R. C. and J M. Waite. 2010. Abundance of harbor porpoise (*Phocoena phocoena*) in three Alaskan regions, corrected for observer errors due to perception bias and species misidentification, and corrected for animals submerged from view. *Fish. Bull., U.S.* 108(3):251-267.
- 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.
- Holt, M.M., D.P. Noren, V. Veirs, C.K. Emmons, and S. Veirs. 2009. Speaking up: Killer whales (*Orcinus orca*) increase their call amplitude in response to vessel noise. *Journal of the Acoustical Society of America* **125** (1):EL27-32.
- 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.
- Houser, D.S., D.A. Helweg, and P.W.B. Moore. 2001. A bandpass filter-bank model of auditory sensitivity in the humpback whale. *Aquatic Mammals* **27** (2):82-91.
- Houser, D.S., A. Gomez-Rubio, and J.J. Finneran. 2008. Evoked potential audiometry of 13 Pacific bottlenose dolphins (*Tursiops truncatus gilli*). *Marine Mammal Science* **24** (1):28-41.
- Houser, D.S. and P.W. Moore. 2014. Report on the current and future status of underwater hearing research. Report NMMF-001-14, National Marine Mammal Foundation: 46.
- ICF Jones & Stokes and Illingworth and Rodkin 2009. Technical guidance and mitigation of hydroacoustic effects of pile driving on fish. Prepared for the California Department of Transportation, Sacramento, California. Updated 2012.
- Illingworth & Rodkin. 2014. Noise and Vibration Assessment. Post & San Pedro Tower noise and vibration assessment San Jose, California. Prepared by Illingworth & Rodkin, Inc. June 19, 2014.
- ISO (International Organization for Standardization). 2003. Acoustics – Description, measurement and assessment of environmental noise – Part 1: Basic quantities and assessment procedures (ISO 1996-1:2003(E)). International Organization for Standardization, Geneva.
- Jemison, L. A., Pendleton, G. W., Wilson, C. A., & Small, R. J. 2006. Long-term trends in harbor seal numbers at Tugidak Island and Nanvak Bay, Alaska. *Marine Mammal Science*, 22(2), 339-360.



- Jemison, L. A., G. W. Pendleton, L. W. Fritz, K. K. Hastings, J. M. Maniscalco, A. W. Trites, and T. S. Gelatt. 2013. Inter-population movements of Steller sea lions in Alaska, with implications for population separation. *PLoS ONE* 8(8):e70167.
- Jensen, A., and G.K. Silber. 2004. Large Whale Ship Strike Database. NOAA Technical Memorandum NMFS-OPR-25. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Silver Spring, MD.
- Jepson, P.D., R. Deaville, K. Acevedo-Whitehouse, J. Barnett, A. Brownlow, R.L. Brownell, et al. 2013. What caused the UK's largest common dolphin (*Delphinus delphis*) mass stranding event? *PLoS ONE* 8 (4):e60953.
- 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.
- Johnson, C.S. 1967. Sound detection thresholds in marine mammals. Pages 247-260 in W.N. Tavolga, ed. *Marine Bio-acoustics*. Pergamon Press, Oxford.
- Johnson, J. H., & Wolman, A. A. 1984. The humpback whale, *Megaptera novaeangliae*. *Marine Fisheries Review*, 46(4), 30-37.
- Kastak, D.A. and R.J. Schusterman. 1998. Low-frequency amphibious hearing in pinnipeds: Methods, measurements, noise, and ecology. *Journal of the Acoustical Society of America* 103 (4):2216-2228.
- Kastak, D.A. and R.J. Schusterman. 1999. In-air and underwater hearing sensitivity of a northern elephant seal (*Mirounga angustirostris*). *Canadian Journal of Zoology* 77 (11):1751-1758.
- Kastak, D., R.J. Schusterman, B.L. Southall, and C.J. Reichmuth. 1999. Underwater temporary threshold shift induced by octave-band noise in three species of pinniped. *Journal of the Acoustical Society of America* 106 (2):1142-1148.
- Kastak, D., B.L. Southall, R.J. Schusterman, and C.R. Kastak. 2005. Underwater temporary threshold shift in pinnipeds: Effects of noise level and duration. *Journal of the Acoustical Society of America* 118 (5):3154-3163.
- Kastak, D., J. Mulsow, A. Ghaul, and C. Reichmuth. 2008. Noise-induced permanent threshold shift in a harbor seal. *Journal of the Acoustical Society of America* 123:2986.
- Kastelein, R.A., D. de Haan, N. Vaughan, C. Staal, and N.M. Schooneman. 2001. The influence of three acoustic alarms on the behaviour of harbour porpoises (*Phocoena phocoena*) in a floating pen. *Marine Environmental Research* 52 (4):351-371.

- Kastelein, R.A., P. Bunschoek, M. Hagedoorn, W.W.L. Au, and D. de Haan. 2002. Audiogram of a harbor porpoise (*Phocoena phocoena*) measured with narrow-band frequency-modulated signals. *Journal of the Acoustical Society of America* **112** (1):334-344.
- Kastelein, R.A., M. Hagedoorn, W.W.L. Au, and D. de Haan. 2003. Audiogram of a striped dolphin (*Stenella coeruleoalba*). *Journal of the Acoustical Society of America* **113** (2):1130-1137.
- Kastelein, R.A., R. Van Schie, W.C. Verboom, and D. de Haan. 2005a. Underwater hearing sensitivity of a male and a female Steller sea lion (*Eumetopias jubatus*). *Journal of the Acoustical Society of America* **118** (3):1820-1829.
- Kastelein, R.A., W.C. Verboom, M. Muijsers, N.V. Jennings, and S. Van der Heul. 2005b. The influence of acoustic emissions for underwater data transmission on the behavior of harbour porpoises (*Phocoena phocoena*) in a floating pen. *Marine Environmental Research* **59**:287-307.
- Kastelein, R.A., N. Jennings, W.C. Verboom, D. de Haan, and N.M. Schooneman. 2006. Differences in the response of a striped dolphin (*Stenella coeruleoalba*) and a harbour porpoise (*Phocoena phocoena*) to an acoustic alarm. *Marine Environmental Research* **61** (3):363-378.
- Kastelein, R.A., P. Wensveen, L. Hoek, and J.M. Terhune. 2009. Underwater hearing sensitivity of harbor seals (*Phoca vitulina*) for narrow noise bands between 0.2 and 80 kHz. *Journal of the Acoustical Society of America* **126** (1):476-483.
- Kastelein, R.A., R. Gransier, L. Hoek, A. Macleod, and J.M. Terhune. 2012a. Hearing threshold shifts and recovery in harbor seals (*Phoca vitulina*) after octave-band noise exposure at 4 kHz. *Journal of the Acoustical Society of America* **132** (4):2745-2761.
- Kastelein, R.A., R. Gransier, L. Hoek, and J. Olthuis. 2012b. Temporary threshold shifts and recovery in a harbor porpoise (*Phocoena phocoena*) after octave-band noise at 4 kHz. *Journal of the Acoustical Society of America* **132**:3525-3537.
- Ketten, D.R. 1998. Marine mammal auditory systems: A summary of audiometric and anatomical data and its implications for underwater acoustic impacts. NOAA Technical Memorandum NMFS-SWFSC-256, National Marine Fisheries Service: 97.
- Ketten, D.R., J. Arruda, S. Cramer, M. Yamato, A. Zosuls, D. Mountain, et al. 2007. How low can they go: Functional analyses of the largest land and marine mammal ears. Paper presented at the Seventeenth Biennial Conference on the Biology of Marine Mammals, Cape Town, South Africa.

- Ketten, D.R. and D.C. Mountain. 2009. Beaked and baleen whale hearing: Modeling responses to underwater noise. Report No. NPS-OC-09-005, Naval Postgraduate School: 34.
- 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.
- Kryter, K.D. 1985. *The Effects of Noise on Man*. Academic Press, New York.
- Kyhn, L. A., Jensen, F. H., Beedholm, K., Tougaard, J., Hansen, M., & Madsen, P. T. (2010). Echolocation in sympatric Peale's dolphins (*Lagenorhynchus australis*) and Commerson's dolphins (*Cephalorhynchus commersonii*) producing narrow-band high-frequency clicks. *The Journal of experimental biology*, *213*(11), 1940-1949.
- Kyhn, L.A., J. Tougaard, F. Jensen, M. Wahlberg, G. Stone, A. Yoshinaga, et al. 2009. Feeding at a high pitch: Source parameters of narrow band, high-frequency clicks from echolocating off-shore hourglass dolphins and coastal Hector's dolphins. *Journal of the Acoustical Society of America* **125** (3):1783-1791.
- 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*(1):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.
- Lerma, D. 2014. Naval Base Point Loma Fleet Logistics Center Fuel Pier Replacement Project: Acoustic, marine mammal, green sea turtle, and California least tern monitoring report. Prepared by Tierra Data Inc. for Naval Facilities Engineering Command Southwest: 250.
- Lesage, V., C. Barrette, M.C.S. Kingsley, and B. Sjare. 1999. The effect of vessel noise on the vocal behavior of Belugas in the St. Lawrence River estuary, Canada. *Marine Mammal Science* **15** (1):65-84.
- Loeb, V. J. (1972). *A Study of the Distribution and Feeding Habits of the Dall Porpoise in Monterey Bay, California pp. 1-62* (Doctoral dissertation, MA thesis, San Jose State University, California).
- Loughlin, T.R., D.J. Rugh, and C.H. Fiscus. 1984. Northern sea lion distribution and abundance: 1956-80. *Journal of Wildlife Management* **48** (3):729-740.
- Loughlin, T. R., & York, A. E. 2000. An accounting of the sources of Steller sea lion, *Eumetopias jubatus*, mortality. *Marine Fisheries Review*, *62*(4), 40-45.

- Lowry, L. F., Frost, K. J., Hoep, J. M., & DeLong, R. A. 2001. Movements of satellite-tagged subadult and adult harbor seals in Prince William Sound, Alaska. *Marine Mammal Science*, 17(4), 835-861.
- Lucifredi, I. and P.J. Stein. 2007. Gray whale target strength measurements and the analysis of the backscattered response. *Journal of the Acoustical Society of America* **121** (3):1383-1391.
- Lucke, K., U. Siebert, P.A. Lepper, and M. Blanchet. 2009. Temporary shift in masked hearing thresholds in a harbor porpoise (*Phocoena phocoena*) after exposure to seismic airgun stimuli. *Journal of the Acoustical Society of America* **125** (6):4060.
- Lusseau, D. and L. Bejder. 2007. The long-term consequences of short-term responses to disturbance experiences from whalewatching impact assessment. *International Journal of Comparative Psychology* **201** (2-3):228-236.
- MacLean, S. A., & Koski, W. R. 2005. Marine mammal monitoring during Lamont-Doherty Earth Observatory's seismic program in the Gulf of Alaska, August–September 2004. *LGL Rep. TA2822-28. 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.*
- Madsen, P.T., M. Johnson, P.J.O. Miller, N.A. Soto, J. Lynch, and P. Tyack. 2006. Quantitative measures of air-gun pulses recorded on sperm whales (*Physeter macrocephalus*) using acoustic tags during controlled exposure experiments. *Journal of the Acoustical Society of America* **120** (4):2366-2379.
- Malme, C. I., & Miles, P. R. 1987. The influence of sound propagation conditions on the behavioral response of whales to underwater industrial noise. *The Journal of the Acoustical Society of America*, 82(S1), S97-S98.
- Malme, C. I., Miles, P. R., Clark, C. W., Tyack, P., & Bird, J. E. 1984. *Investigations of the potential effects of underwater noise from petroleum-industry activities on migrating gray-whale behavior. Phase 2: January 1984 migration* (No. PB-86-218377/XAB; BBN-5586). Bolt, Beranek and Newman, Inc., Cambridge, MA (USA).
- May-Collado, L. and I. Agnarsson. 2006. Cytochrome *b* and Bayesian inference of whale phylogeny. *Molecular Phylogenetics and Evolution* **38** (2):344-354.
- Merrick, R.L., D.G. Calkins, and D.C. McAllister. 1992. Aerial and ship-based surveys of Steller sea lions (*Eumetopias jubatus*) in southeast Alaska, the Gulf of Alaska, and Aleutian Islands. NOAA Technical Memorandum NMFS-AFSC-1, National Marine Fisheries Service: 52.
- Miles, P. R., Malme, C. I., & Richardson, W. J. 1987. *Prediction of drilling site-specific interaction of industrial acoustic stimuli and endangered whales in the Alaskan Beaufort Sea* (No. 6509). BBN.

- Miller, J.D. 1974. Effects of noise on people. *Journal of the Acoustical Society of America* **56** (3):729-764.
- Miller, P.J.O., N. Biassoni, A. Samuels, and P.L. Tyack. 2000. Whale songs lengthen in response to sonar. *Nature* **405** (6789):903.
- Mitson, R.B (ed.). 1995. Underwater noise of research vessels: Review and recommendations. Cooperative Research Report No. 209, International Council for the Exploration of the Sea: 65.
- Moberg, G.P. 1987. Influence of the adrenal axis upon the gonads. Pages 456-496 in J. Clarke, ed. *Oxford Reviews in Reproductive Biology*. Oxford University Press, New York, New York.
- Moberg, G.P. 2000. Biological response to stress: Implications for animal welfare. Pages 1-21 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.
- Møhl, B. 1968. Auditory sensitivity of the common seal in air and water. *Journal of Auditory Research* **8**:27-38.
- Moore, P.W.B. and R.J. Schusterman. 1987. Audiometric assessment of northern fur seals, *Callorhinus ursinus*. *Marine Mammal Science* **3** (1):31-53.
- Morton, A.B. and H.K. Symonds. 2002. Displacement of *Orcinus orca* (L.) by high amplitude sound in British Columbia, Canada. *ICES Journal of Marine Science* **59** (1):71-80.
- Mulsow, J. and C. Reichmuth. 2007. Electrophysiological assessment of temporal resolution in pinnipeds. *Aquatic Mammals* **33** (1):122-131.
- Mulsow, J., C. Reichmuth, F. Gulland, D.A.S. Rosen, and J.J. Finneran. 2011a. Aerial audiograms of several California sea lions (*Zalophus californianus*) and Steller sea lions (*Eumetopias jubatus*) measured using single and multiple simultaneous auditory steady-state response methods. *Journal of Experimental Biology* **214** (7):1138-1147.
- Mulsow, J., J.J. Finneran, and D.S. Houser. 2011b. California sea lion (*Zalophus californianus*) aerial hearing sensitivity measured using auditory steady-state response and psychophysical methods. *Journal of the Acoustical Society of America* **129** (4):2298-2306.
- Muto, M.M. and R.P. Angliss. 2015. Alaska Marine Mammal Stock Assessments, 2015. National Marine Fisheries Service, National Marine Mammal Laboratory, Alaska Fisheries Science Center, Seattle, Washington

- Nachtigall, P.E., A.Y. Supin, J.L. Pawloski, and W.W.L. Au. 2004. Temporary threshold shifts after noise exposure in the bottlenose dolphin (*Tursiops truncatus*) measured using evoked auditory potentials. *Marine Mammal Science* **20** (4):672-687.
- Nachtigall, P.E., M.M.L. Yuen, T.A. Mooney, and K.A. Taylor. 2005. Hearing measurements from a stranded infant Risso's dolphin, *Grampus griseus*. *Journal of Experimental Biology* **208** (21):4181-4188.
- Nachtigall, P.E., T.A. Mooney, K.A. Taylor, L.A. Miller, M.H. Rasmussen, T. Akamatsu, et al. 2008. Shipboard measurements of the hearing of the white-beaked dolphin *Lagenorhynchus albirostris*. *Journal of Experimental Biology* **211** (4):642-647.
- Nedwell, J. and B. Edwards. 2002. Measurements of underwater noise in the Arun River during piling at County Wharf, Littlehampton. Report No. 513R0108, Prepared by Subacoustech, Ltd. for David Wilson Homes, Ltd.: 28.
- Nedwell, J. R., Ward, P. D., Lambert, D., Watson, D., Goold, J., Englund, A., ... & Barlow, K. 2008. *Assessment of potential for significant disturbance/disruption to cetaceans present in and around Broadhaven Bay, Co. Mayo, from pipeline construction operations* (No. 824R0113). Subacoustech Report.
- NIOSH (National Institute for Occupational Safety and Health). 1998. Criteria for a recommended standard: Occupational noise exposure. United States Department of Health and Human Services, Cincinnati, OH.
- Ng, S.L. and S. Leung. 2003. Behavioral response of Indo-Pacific humpback dolphin (*Sousa chinensis*) to vessel traffic. *Marine Environmental Research* **56** (5):555-567.
- NMFS (National Marine Fisheries Service). 1991. Recovery Plan for the Humpback Whale (*Megaptera novaeangliae*). Prepared by the Humpback Whale Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland.
- NMFS. 1993. Designated Critical Habitat; Steller Sea Lion. 50 CFR Part 226. Federal Register 58 (3). August 27, 1993, p.45269-45285.
- NMFS. 2013. Status review of the eastern distinct population segment of Steller sea lion (*Eumetopias jubatus*). National Marine Fisheries Service: 236.
- Nowacek, D.P., L.H. Thorne, D.W. Johnston, and P.L. Tyack. 2007. Responses of cetaceans to anthropogenic noise. *Mammal Review* **37** (2):81-115.
- Nowacek, S.M., R.S. Wells and A.R. Solow. 2001. Short-term effects of boat traffic on bottlenose dolphins, *Tursiops truncatus*, in Sarasota Bay, FL. *Marine Mammal Science* **17**(4):673-688.

- NRC (National Research Council). 2003. Ocean noise and marine mammals. National Academy of Sciences: 220.
- Oestman, R., D. Buehler, J. Reyff, and R. Rodkin. 2009. Technical guidance for assessment and mitigation of the hydroacoustic effects of pile driving on fish. Prepared by ICF Jones & Stokes and Illingworth & Rodkin, Inc. for the California Department of Transportation: 298.
- Pacini, A.F., P.E. Nachtigal, L.N. Kloepper, M. Linnenschmidt, A. Sogorb, and S. Matias. 2010. Audiogram of a formerly stranded long-finned pilot whale (*Globicephala melas*) measured using auditory evoked potentials. *Journal of Experimental Biology* **213** (18):3138-3143.
- Pacini, A.F., P.E. Nachtigall, C.T. Quintos, T.D. Schofield, D.A. Look, G.A. Levine, and J.P. Turner. 2011. Audiogram of a stranded Blainville's beaked whale (*Mesoplodon densirostris*) measured using auditory evoked potentials. *Journal of Experimental Biology* **214** (14):2409-2415.
- Parks, S.E., D.R. Ketten, J.T. O'Malley, and J. Arruda. 2007a. Anatomical predictions of hearing in the North Atlantic right whale. *Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **290** (6):734-744.
- Parks, S.E., C.W. Clark, and P.L. Tyack. 2007b. Short- and long-term changes in right whale calling behavior: The potential effects of noise on acoustic communication. *Journal of the Acoustical Society of America* **122** (6):3725-3731.
- Parvin, S. J., Nedwell, J. R., Kynoch, J., Lovell, J., & Brooker, A. G. 2008. Assessment of underwater noise from dredging operations on the Hastings shingle bank. *Report No. Subacoustech 758R0137*.
- 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. & R.L. Brownell, Jr (2002). Minke Whales *Balaenoptera acutorostrata* and *B. bonaerensis*. In: Perrin W.F., Würsig B. & H.G.M. Thewissen, eds. *Encyclopedia of Marine Mammals*. Page(s) 750-754. Academic Press.
- Perry, A., Baker, C. S., & Herman, L. M. 1990. Population characteristics of individually identified humpback whales in the central and eastern North Pacific: a summary and critique. *Rep. Int. Whal. Comm. (Special Issue 12)*, 307-317.
- Popov, V.V. and A.Y. Supin. 1990a. An electrophysiological study of hearing in the freshwater dolphin, *Inia geoffrensis*. *Doklady Akademii Nauk SSSR* **313** (1):238-241.
- Popov, V. and A. Supin. 1990b. Electrophysiological studies of hearing in some cetaceans and a manatee. Pages 405-415 in J.A. Thomas and R.A. Kastelein, eds. *Sensory Abilities of Cetaceans: Laboratory and Field Evidence*. Plenum Press, New York.

- Popov, V.V., A.Y. Supin, D. Wang, K. Wang, J. Xiao, and S. Li. 2005. Evoked-potential audiogram of the Yangtze finless porpoise *Neophocaena phocaenoides asiaeorientalis* (L). *Journal of the Acoustical Society of America* **117** (5):2728-2731.
- Popov, V.V., A.Y. Supin, M.G. Pletenko, M.B. Tarakanov, V.O. Klishin, T.N. Bulgakova, and E.I. Rosanova. 2007. Audiogram variability in normal bottlenose dolphins (*Tursiops truncatus*). *Aquatic Mammals* **33** (1):24-33.
- Popov, V.V., A.Y. Supin, D. Wang, K. Wang, L. Dong, and S. Wang. 2011. Noise-induced temporary threshold shift and recovery in Yangtze finless porpoises *Neophocaena phocaenoides asiaeorientalis*. *Journal of the Acoustical Society of America* **130** (1):574-584.
- Popper, A.N. and M.C. Hastings. 2009. The effects of anthropogenic sources of sound on fishes. *Journal of Fish Biology* **75** (3):455-489.
- Purser, J. and A.N. Radford. 2011. Acoustic noise induces attention shifts and reduces foraging performance in three-spined sticklebacks (*Gasterosteus aculeatus*). *PLoS ONE* **6** (2):e17478.
- Reichmuth, C. 2008. Amphibious hearing in pinnipeds, revisited. Paper presented at the Second International Conference on Acoustic Communication by Animals, Oregon State University, Corvallis, Oregon.
- Reichmuth, C. and M.M. Holt. 2013. Comparative assessment of amphibious hearing in pinnipeds. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural and Behavioral Physiology* **199** (6):491-507.
- Richardson, W.J., C.R. Greene, C.I. Malme, and D.H. Thomson. 1995. *Marine Mammals and Noise*. Academic Press, Inc., San Diego, California.
- Ridgway, S.H., D.A. Carder, R.R. Smith, T. Kamolnick, C.E. Schlundt, and W.R. Elsberry. 1997. Behavioral responses and temporary shift in masked hearing threshold of bottlenose dolphins, *Tursiops truncatus*, to 1-second tones of 141 to 201 dB re 1  $\mu$ Pa. Technical Report 1751, Naval Command, Control and Ocean Surveillance Center: 32.
- Ridgway, S., D. Carder, J. Finneran, M. Keogh, T. Kamolnick, M. Todd, and A. Goldblatt. 2006. Dolphin continuous auditory vigilance for five days. *Journal of Experimental Biology* **209** (18):3621-3628.
- Rolland, R.M., S.E. Parks, K.E. Hunt, M. Castellote, P.J. Corkeron, D.P. Nowacek, et al. 2012. Evidence that ship noise increases stress in right whales. *Proceedings of the Royal Society of London Series B Biological Sciences* **279** (1737):2363-2368.



- Romano, T., M. Keogh, and K. Danil. 2002a. Investigation of the effects of repeated chase and encirclement on the immune system of spotted dolphins (*Stenella attenuata*) in the eastern tropical Pacific. Administrative Report LJ-02-35C, National Marine Fisheries Service: 37.
- Romano, T.A., D.L. Felten, S.Y. Stevens, J.A. Olschowka, V. Quaranta, and S.H. Ridgway. 2002b. Immune response, stress, and environment: Implications for cetaceans. Pages 253-279 in C.J. Pfeiffer, ed. Molecular and Cell Biology of Marine Mammals. Krieger Publishing Co., Malabar, Florida.
- 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.
- Robinson, S. P., Theobald, P. D., Hayman, G., Wang, L. S., Lepper, P. A., Humphrey, V. F., & Mumford, S. 2011. Measurement of underwater noise arising from marine aggregate dredging operations.
- Scheffer, V.B. and Slipp, J.W., 1944. The harbor seal in Washington State. *American Midland Naturalist*, 32(2), pp.373-416.
- Schlundt, C.E., J.J. Finneran, D.A. Carder, and S.H. Ridgway. 2000. Temporary shift in masked hearing thresholds of bottlenose dolphins, *Tursiops truncatus*, and white whales, *Delphinapterus leucas*, after exposure to intense tones. Journal of the Acoustical Society of America **107** (6):3496-3508.
- Schlundt, C.E., R.L. Dear, D.S. Houser, A.E. Bowles, T. Reidarson, and J.J. Finneran. 2011. Auditory evoked potentials in two short-finned pilot whales (*Globicephala macrorhynchus*). Journal of the Acoustical Society of America **129** (2):1111-1116.
- Scholik, A.R. and H.Y. Yan. 2001. The effects of underwater noise on auditory sensitivity of fish. Proceedings of the Institute of Acoustics **23** (4):27.
- Scholik, A.R. and H.Y. Yan. 2002. The effects of noise on the auditory sensitivity of the bluegill sunfish, *Lepomis macrochirus*. Comparative Biochemistry and Physiology - Part A: Molecular & Integrative Physiology **133** (1):43-52.
- Schusterman, R.J., R.F. Balliet, and J. Nixon. 1972. Underwater audiogram of the California sea lion by the conditioned vocalization technique. Journal of the Experimental Analysis of Behavior **17** (3):339-350.
- SeaSwap.info. <http://seaswap.info/whaletracker/>

- Seyle, H. 1950. Stress and the general adaptation syndrome. *British Medical Journal* **June 17**:1383-1392.
- Sih, A., A.M. Bell, and J.L. Kerby. 2004. Two stressors are far deadlier than one. *Trends in Ecology and Evolution* **19** (6):274-276.
- Simmonds, M., Dolman, S. and Weilgart, L., 2004. Oceans of noise: A WDCS science report. *Whale and Dolphin Conservation Society*, pp.23-36.
- 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, et al. 2007. Marine mammal noise exposure criteria: initial scientific recommendations. *Aquatic Mammals* **33** (4):411-521.
- Steiger, G. H., Calambokidis, J., Sears, R., Balcomb, K. C., & Cubbage, J. C. 1991. Movement of humpback whales between California and Costa Rica. *Marine Mammal Science*, 7(3), 306-310.
- 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.
- Straley, J.M., T.J. Quinn II, and C.M. Gabriele, 2002. Estimate of the Abundance of Humpback Whales in Southeastern Alaska 1994 to 2000. Final Report Submitted to the National Marine Fisheries Service, National Marine Mammal Laboratory, 7600 Sand Point Way N.E., Seattle, WA 98115, 23 pp.
- Swain, U., Lewis, J., Pendleton, G., & Pitcher, K. 1996. Movements, haulout, and diving behavior of harbor seals in southeast Alaska and Kodiak Island. *Annual Report: Harbor seal investigations in Alaska. NOAA Grant NA57FX0367. Alaska Dep. Fish and Game, Division of Wildlife Conservation. Douglas, AK*, 59-144.
- Swingle, W.M., S.G. Barco, T.D. Pitchford, W.A. McLellan and D.A. Pabst. 1993. Appearance of juvenile humpback whales feeding in the nearshore waters of Virginia. *Marine Mammal Science* 9:309-315.
- Szymanski, M.D., D.E. Bain, K. Kiehl, S. Pennington, S. Wong, and K.R. Henry. 1999. Killer whale (*Orcinus orca*) hearing: Auditory brainstem response and behavioral audiograms. *Journal of the Acoustical Society of America* **106** (2):1134-1141.
- Teilmann, J., J. Tougaard, L.A. Miller, T. Kirketerp, K. Hansen, and S. Brando. 2006. Reactions of captive harbor porpoises (*Phocoena phocoena*) to pinger-like sounds. *Marine Mammal Science* **22** (2):240-260.

- Thorson, P. and J.A. Reyff. 2006. San Francisco-Oakland Bay Bridge East Span Seismic Safety Project: marine mammal and acoustic monitoring for the marine foundations at piers E2 and T1, January-September 2006. Prepared by SRS Technologies and Illingworth & Rodkin, Inc. for the California Department of Transportation: 51.
- Tougaard, J. and L.A. Kyhn. 2010. Echolocation sounds of hourglass dolphins (*Lagenorhynchus cruciger*) are similar to the narrow band high-frequency echolocation sounds of the dolphin genus *Cephalorhynchus*. *Marine Mammal Science* **26** (1):239-245.
- Tubelli, A.A., A. Zosuls, D.R. Ketten, M. Yamato, and D.C. Mountain. 2012. A prediction of the minke whale (*Balaenoptera acutorostrata*) middle-ear transfer function. *Journal of the Acoustical Society of America* **132** (5):3263-3272.
- Viada, S.T., R.M. Hammer, R. Racca, D. Hannay, M.J. Thompson, B.J. Balcom, and N.W. Phillips. 2008. Review of potential impacts to sea turtles from underwater explosive removal of offshore structures. *Environmental Impact Assessment Review* **28** (4-5):267-285.
- Ward, W.D. 1997. Effects of high-intensity sound. Pages 1497-1507 in M.J. Crocker, ed. *Encyclopedia of acoustics, Volume III*. John Wiley & Sons, New York.
- Wartzok, D., & D.R. Ketten. 1999. Marine mammal sensory systems. *Biology of marine mammals, 1*, 117-175. Wartzok, D., A.N. Popper, J. Gordon, and J. Merrill. 2003. Factors affecting the responses of marine mammals to acoustic disturbance. *Marine Technology Society Journal* **37** (4):6-15.
- Wartzok, D., Popper, A. N., Gordon, J., & Merrill, J. 2003. Factors affecting the responses of marine mammals to acoustic disturbance. *Marine Technology Society Journal*, 37(4), 6-15.
- Watkins, W.A. 1986. Whale reactions to human activities in Cape Cod waters. *Marine Mammal Science* **2** (4):251-262.
- Weilgart, L.S. 2007. A brief review of known effects of noise on marine mammals. *International Journal of Comparative Psychology* **201** (2-3):159-168.
- Winans, G.A., and L.L. Jones. 1988. Electrophoretic variability in Dall's porpoise (*Phocoenoides dalli*) in the North Pacific Ocean and Bering Sea. *J. Mammal.* 69(1):14-21.
- Wing, B.L. and K. Krieger, 1983. Humpback Whale Prey Studies in Southeast Alaska, Summer 1982. NWAFC Auke Bay Laboratory, Auke Bay, Alaska.
- White, M.J., D. Ljungblad, J. Norris, and K. Baron. 1977. Auditory thresholds of two beluga whales, *Delphinapterus leucas*. Paper presented at the Second Biennial Conference on the Biology of Marine Mammals, San Diego, California.

- Wolfe, R. J., Bryant, J., Hutchinson-Scarborough, L. B., Kookesh, M. A., & Sill, L. 2013. *The subsistence harvest of harbor seals and sea lions in Southeast Alaska in 2012*. Alaska Department of Fish and Game, Division of Subsistence.
- Wright, A.J., M. Maar, C. Mohn, J. Nabe-Nielsen, U. Siebert, L.F. Jensen, et al. 2013. Possible causes of a harbour porpoise mass stranding in Danish waters in 2005. PLoS ONE **8** (2):e55553.
- Yazvenko, S.B., T.L. McDonald, S.A. Blokhin, S.R. Johnson, H.R. Melton, M.W. Newcomer, et al. 2007. Feeding of western gray whales during a seismic survey near Sakhalin Island, Russia. *Environmental Monitoring and Assessment* **134** (1-3):93-106.
- Yelverton, J.T., D.R. Richmond, E.R. Fletcher, and R.K. Jones. 1973. Safe distances from underwater explosions for mammals and birds. Report No. 3114T, Defense Nuclear Agency: 70.
- Yuen, M.M.L., P.E. Nachtigall, M. Breese, and A.Y. Supin. 2005. Behavioral and auditory evoked potential audiograms of a false killer whale (*Pseudorca crassidens*). *Journal of the Acoustical Society of America* **118** (4):2688-2695.
- Zenkovich, B.A., 1954. *Around the world after whales*.
- Zimmer, W.M.X. and P.L. Tyack. 2007. Repetitive shallow dives pose decompression risk in deep-diving beaked whales. *Marine Mammal Science* **23** (4):888-925.