

Literature Cited

- ANSI (American National Standards Institute). 1986. Methods of measurement for impulse noise 3 (ANSI S12.7-1986). Acoustical Society of America, Woodbury, NY.
- ANSI. 1995. Bioacoustical terminology (ANSI S3.20-1995). Acoustical Society of America, Woodbury, NY.
- ANSI. 2005. Measurement of sound pressure levels in air (ANSI S1.13-2005). Acoustical Society of America, Woodbury, NY.
- 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.
- Au, W.W.L. and M.C. Hastings. 2008. *Principles of Marine Bioacoustics*. Springer, New York.
- Balmer, B.C., R.S. Wells, S.M. Nowacek, D.P. Nowacek, L.H. Schwacke, W.A. McLellan, et al. 2008. Seasonal abundance and distribution patterns of common bottlenose dolphins (*Tursiops truncatus*) near St. Joseph Bay, Florida, USA. *Journal of Cetacean Research and Management* **10** (2):157-167.
- Caldwell, M. 2001. Social and genetic structure of bottlenose dolphin (*Tursiops truncatus*) in Jacksonville, Florida. Ph.D. dissertation. University of Miami: 143.
- California Department of Transportation (CalTrans). 2012. Compendium of pile driving sound data. California Department of Transportation: 215.
- 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.
- Cerchio, S., T. Collins, S. Strindberg, C. Bennett, and H. Rosenbaum. 2010. Humpback whale singing activity off northern Angola: An indication of the migratory cycle, breeding habitat and impact of seismic surveys on singer number in Breeding Stock B1. Scientific Committee Report SC/62/SH12, International Whaling Commission: 21.
- Clapham, P.J. and C.A. Mayo. 1987. Reproduction and recruitment of individually identified humpback whales, *Megaptera novaeangliae*, observed in Massachusetts Bay, 1979-1985. *The Canadian Journal of Zoology* **65** (12):2853-2863.
- Clapham, P.J., L.S. Baraff, C.A. Carlson, M.A. Christian, D.K. Mattila, C.A. Mayo, et al. 1993. Seasonal occurrence and annual return of humpback whales, *Megaptera novaeangliae*, in the southern Gulf of Maine. *Canadian Journal of Zoology* **71** (2):440-443.

- 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.
- Cortese, N.A. 2000. Delineation of bottlenose dolphin populations in the western Atlantic Ocean using stable isotopes. M.S. thesis. University of Virginia: 128.
- 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.
- DoN. 2008. Marine Resources Assessment update for the Charleston/Jacksonville Operating Area. Prepared by Geo-Marine, Inc. for Department of the Navy: 663.
- DoN. 2015. Final Hydroacoustic and Airborne monitoring at the Naval Station Mayport, 9- 11 June 2015. Prepared by Illingworth and Rodkin, Inc. August 2015.
- Duffield, D.A., S.H. Ridgway, and L.H. Cornell. 1983. Hematology distinguishes coastal and offshore forms of dolphins (*Tursiops*). *Canadian Journal of Zoology* **61** (4):930-933.
- Duffield, D. 1987. Investigation of genetic variability in stocks of the bottlenose dolphin (*Tursiops truncatus*) and the loggerhead sea turtle (*Caretta caretta*). Contract Report No. NA83-GA-C-00036, National Marine Fisheries Service: 51.
- 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.
- Foot, A.D., R.W. Osborne, and A.R. Hoelzel. 2004. Whale-call response to masking boat noise. *Nature* **428**:910.
- Garrison, L.P., P.E. Rosel, A.A. Hohn, R. Baird, and W. Hoggard. 2003. Abundance of the coastal morphotype of bottlenose dolphin, *Tursiops truncatus*, in U.S. continental shelf

waters between New Jersey and Florida during winter and summer 2002. National Marine Fisheries Service: 135.

- Gendron, D. and J. Urban R. 1993. Evidence of feeding by humpback whales (*Megaptera novaeangliae*) in the Baja California breeding ground, Mexico. *Marine Mammal Science* **9** (1):76-81.
- 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.
- Gubbins, C. 2002. Association patterns of resident bottlenose dolphins (*Tursiops truncatus*) in a South Carolina estuary. *Aquatic Mammals* **28** (1):24-31.
- Gubbins, C.M., M. Caldwell, S.G. Barco, K. Rittmaster, N. Bowles, and V. Thayer. 2003. Abundance and sighting patterns of bottlenose dolphins (*Tursiops truncatus*) at four northwest Atlantic coastal sites. *Journal of Cetacean Research and Management* **5** (2):141-147.
- Griffin, R.B. and N.J. Griffin. 2003. Distribution, habitat partitioning, and abundance of Atlantic spotted dolphins, bottlenose dolphins, and loggerhead sea turtles on the eastern Gulf of Mexico continental shelf. *Gulf of Mexico Science* **21** (1):23-34.
- Hansen, L.J., L.H. Schwacke, G.B. Mitchum, A.A. Hohn, R.S. Wells, E.S. Zolman, and P.A. Fair. 2004. Geographic variation in polychlorinated biphenyl and organochlorine pesticide concentrations in the blubber of bottlenose dolphins from the US Atlantic coast. *Science of the Total Environment* **319**:147-172.
- Harris, C.M., ed. 1998. Handbook of acoustical measurements and noise control. Acoustical Society of America, Woodbury, NY.
- Hastings, M.C. and A.N. Popper. 2005. Effects of sound on fish. Prepared by Jones & Stokes for the California Department of Transportation: 82.
- HDR, Inc. 2012. Naval Base Kitsap at Bangor Test Pile Program Final Marine Mammal Monitoring Report. Prepared by HDR, Inc. for Naval Facilities Engineering Command Northwest: 231.
- 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.
- Hersh, S.L. and D.A. Duffield. 1990. Distinction between northwest Atlantic offshore and coastal bottlenose dolphins based on hemoglobin profile and morphometry. Pages 129-139 in S. Leatherwood and R.R. Reeves, eds. *The bottlenose dolphin*. Academic Press, San Diego.

- Hildebrand, J.A. 2009. Anthropogenic and natural sources of ambient noise in the ocean. *Marine Ecology Progress Series* **395**:5-20.
- Hoelzel, A.R., C.W. Potter, and P.B. Best. 1998. Genetic differentiation between parapatric 'nearshore' and 'offshore' populations of the bottlenose dolphin. *Proceedings of the Royal Society B: Biological Sciences* **265** (1402):1177-1183.
- 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.
- Illingworth and Rodkin. 2010. Underwater sound levels associated with driving steel piles for the State Route 520 Bridge Replacement and HOV Project Pile Installation Test Program. Prepared by Illingworth and Rodkin, Inc. for Washington State Department of Transportation: 143.
- Illingworth and Rodkin. 2012. Naval Base Kitsap at Bangor Test Pile Program: Acoustic monitoring report. Prepared by Illingworth and Rodkin, Inc. for U.S. Navy: 128.
- Illingworth and Rodkin. 2013. Joint Expeditionary Force Base Little Creek and Craney Island hydroacoustic and airborne final interim monitoring report. Prepared by Illingworth and Rodkin, Inc. for HDR, Inc.: 40.
- 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.
- 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.
- 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.
- Kerr, K.A., R.H. Defran, and G.S. Campbell. 2005. Bottlenose dolphins (*Tursiops truncatus*) in the Drowned Cayes, Belize: Group size, site fidelity and abundance. *Caribbean Journal of Science* **41** (1):172-177.
- 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.
- Knoff, A.J. 2004. Bottlenose dolphin (*Tursiops truncatus*) population structure along the Atlantic coast of the United States: A stable isotope approach. Ph.D. dissertation, University of Virginia: 156.

- Kryter, K.D. 1985. The effects of noise on man. Academic Press, New York.
- Kuehl, D.W., R. Haebler, and C. Potter. 1991. Chemical residues in dolphins from the U.S. Atlantic coast including Atlantic bottlenose obtained during the 1987/88 mass mortality. *Chemosphere* **22** (11):1071-1084.
- 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.
- Kyhn, L.A., F.H. Jensen, K. Beedholm, J. Tougaard, M. Hansen, and P.T. Madsen. 2010. Echolocation in sympatric Peale's dolphins (*Lagenorhynchus australis*) and Commerson's dolphins (*Cephalorhynchus commersonii*) producing narrow-band high-frequency clicks. *Journal of Experimental Biology* **213** (11):1940-1949.
- Laerm, J., F. Wenzel, J.E. Craddock, D. Weinand, J. McGurk, M.J. Harris, et al. 1997. New prey species for northwestern Atlantic humpback whales. *Marine Mammal Science* **13** (4):705-711.
- Laughlin, J. 2005a. Underwater sound levels associated with pile driving at the Bainbridge Island Ferry Terminal Preservation Project. Washington State Department of Transportation: 48.
- Laughlin, J. 2005b. Underwater sound levels associated with restoration of the Friday Harbor Ferry Terminal. Washington State Department of Transportation: 130.
- Laughlin, J. 2011. Port Townsend Dolphin timber pile removal – vibratory pile monitoring. Memorandum, 3 January 2011, Washington State Department of Transportation: 5.
- Leatherwood, S., D.K. Caldwell, and H.E. Winn. 1976. Whales, dolphins, and porpoises of the western North Atlantic: A guide to their identification. NOAA Technical Report NMFS CIRC-396, National Marine Fisheries Service: 176.
- 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.
- 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.
- 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. Report No. 5586, Prepared by Bolt Beranek and Newman, Inc. for Minerals Management Service: 357.
- Malme, C.I., B. Wursig, J.E. Bird, and P. Tyack. 1988. Observations of feeding gray whale responses to controlled industrial noise exposure. Pages 55-73 in W.M. Sackinger and M.O. Jefferies, eds. *Port and Ocean Engineering Under Arctic Conditions, Volume II*. University of Alaska Fairbanks: 131.
- Mattila, D., P.J. Clapham, O. Vásquez, and R.S. Bowman. 1994. Occurrence, population composition, and habitat use of humpback whales in Samana Bay, Dominican Republic. *Canadian Journal of Zoology* **72**:1898-1907.
- May-Collado, L. and I. Agnarsson. 2006. Cytochrome *b* and Bayesian inference of whale phylogeny. *Molecular Phylogenetics and Evolution* **38** (2):344-354.
- Mazzoil, M., J.S. Reif, M. Youngbluth, M.E. Murdoch, S.E. Bechdel, E. Howells, et al. 2008. Home ranges of bottlenose dolphins (*Tursiops truncatus*) in the Indian River Lagoon, Florida: Environmental correlates and implications for management strategies. *EcoHealth* **5** (3):278-288.
- McLellan, W.A., A.S. Friedlaender, J.G. Mead, C.W. Potter, and D.A. Pabst. 2002. Analysing 25 years of bottlenose dolphin (*Tursiops truncatus*) strandings along the Atlantic coast of the USA: Do historic records support the coastal migratory stock hypothesis? *Journal of Cetacean Research and Management* **4** (3):297-304.
- Mead, J.G. and C.W. Potter. 1995. Recognizing two populations of the bottlenose dolphin (*Tursiops truncatus*) off the Atlantic coast of North America: Morphologic and ecologic considerations. *IBI Reports* **5**:31-44.
- 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.
- Morano, J.L., A.N. Rice, J.T. Tielens, B.J. Estabrook, A. Murray, B.L. Roberts, and C.W. Clark. 2012. Acoustically detected year-round presence of right whales in an urbanized migration corridor. *Conservation Biology* **26** (4):698-707.
- 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.

- Mullin, K.D. and G.L. Fulling. 2003. Abundance of cetaceans in the southern U.S. North Atlantic Ocean during summer 1998. *Fishery Bulletin* **101** (3):603-613.
- 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.
- 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.
- National Marine Fisheries Service (NMFS). 2001. Preliminary stock structure of coastal bottlenose dolphins along the Atlantic coast of the U.S. Unpublished report prepared for the Take Reduction Team on Coastal Bottlenose Dolphins in the Western Atlantic: 41.
- 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.
- NRC. 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.
- Palsbøll, P.J., J. Allen, M. Bérubé, P.J. Clapham, T.P. Feddersen, R.R. Hudson, et al. 1997. Genetic tagging of humpback whales. *Nature* **388** (6644):767-769.
- 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., E.D. Mitchell, J.G. Mead, D.K. Caldwell, M.C. Caldwell, P.J.H. van Bree, and W.H. Dawbin. 1987. Revision of the spotted dolphins, *Stenella* spp. *Marine Mammal Science* **3** (2):99-170.
- 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.
- 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.
- Reif, J.S., P.A. Fair, J. Adams, B. Joseph, D.S. Kilpatrick, R. Sanchez, et al. 2008. Evaluation and comparison of the health status of Atlantic bottlenose dolphins from the Indian River

- Lagoon, Florida, and Charleston, South Carolina. *Journal of the American Veterinary Medical Association* **233** (2):299-307.
- Rice, D.W. 1998. Marine mammals of the world: Systematics and distribution. Special Publication No. 4, The Society for Marine Mammology, Lawrence, Kansas.
- 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 μ Pa. Technical Report 1751, Naval Command, Control and Ocean Surveillance Center: 32.
- Roberts, J.J., B.D. Best, L. Mannocci, P.N. Halpin, D.L. Palka, L.P. Garrison, et al. 2015. Habitat-based cetacean density models for the Northwest Atlantic and Northern Gulf of Mexico. Manuscript in preparation.
- Rosel, P.E., L. Hansen, and A.A. Hohn. 2009. Restricted dispersal in a continuously distributed marine species: Common bottlenose dolphins *Tursiops truncatus* in coastal waters of the western North Atlantic. *Molecular Ecology* **18** (24):5030-5045.
- 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.
- 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.
- Schwacke, L.H., A. Hall, R.S. Wells, G.D. Bossart, P.A. Fair, P.R. Becker, et al. 2004. Health and risk assessment for bottlenose dolphin (*Tursiops truncatus*) populations along the southeast United States coast: Current status and future plans. Scientific Committee Report SC/56/E20, International Whaling Commission: 15.
- Schweitzer, G. and B. Zoodsma. 2011. Preliminary results from FY2011 southeast U.S. right whale aerial surveys. Unpublished report, National Marine Fisheries Service: 2.
- Scott, G.P., D.M. Burn, and L.J. Hansen. 1988. The dolphin dieoff: Long-term effects and recovery of the population. Pages 819-823 in *OCEANS '88. A Partnership of Marine Interests*. Proceedings.

- Scott, M.D., R.S. Wells, and A.B. Irvine. 1990. A long-term study of bottlenose dolphins on the west coast of Florida. Pages 235-244 *in* S. Leatherwood and R.R. Reeves, eds. The bottlenose dolphin. Academic Press, San Diego.
- Shane, S.H., R.S. Wells, and B. Wursig. 1986. Ecology, behavior and social organization of the bottlenose dolphin: A review. *Marine Mammal Science* **2** (1):34-63.
- 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.
- Smith, T.D., J. Allen, P.J. Clapham, P.S. Hammond, S. Katona, F. Larsen, et al. 1999. An ocean-basin-wide mark-recapture study of the North Atlantic humpback whale (*Megaptera novaeangliae*). *Marine Mammal Science* **15** (1):11689.
- 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.
- Speakman, T., E. Zolman, J. Adams, R.H. Defran, D. Laska, L. Schwacke, et al. 2006. Temporal and spatial aspects of bottlenose dolphin occurrence in coastal and estuarine waters near Charleston, South Carolina. NOAA Technical Memorandum NOS NCCOS 37, National Ocean Service: 55.
- Stevick, P.T., J. Allen, M. Berube, P.J. Clapham, S.K. Katona, F. Larsen, et al. 2003. Segregation of migration by feeding ground origin in North Atlantic humpback whales (*Megaptera novaeangliae*). *Journal of Zoology* **259** (3):231-237.
- Stolen, M.K., W.N. Durden, and D.K. Odell. 2007. Historical synthesis of bottlenose dolphin (*Tursiops truncatus*) stranding data in the Indian River Lagoon System, Florida, from 1977-2005. *Florida Scientist* **70** (1):45-54.
- 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** (3):309-315.
- 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.
- Torres, L.G., P.E. Rosel, C. D'Agrosa, and A.J. Read. 2003. Improving management of overlapping bottlenose dolphin ecotypes through spatial analysis and genetics. *Marine Mammal Science* **19** (3):502-514.

- 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.
- Urick, R.J. 1983. Principles of underwater sound. Peninsula Publishing, Los Altos, CA.
- 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.
- Walker, W.A. 1981. Geographical variation in morphology and biology of bottlenose dolphins (*Tursiops*) in the eastern North Pacific. Administrative Report LJ-81-03C, National Marine Fisheries Service: 54.
- 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.
- Waring, G.T., E. Josephson, K. Maze-Foley, and P.E. Rosel (eds.). 2014. U.S. Atlantic and Gulf of Mexico marine mammal stock assessments – 2013. NOAA Technical Memorandum NMFS-NE-228, National Marine Fisheries Service: 475.
- Wartzok, D. and D.R. Ketten. 1999. Marine mammal sensory systems. Pages 117-175 in J.E. Reynolds and S.A. Rommel, eds. *Biology of Marine Mammals*. Smithsonian Institution Press, Washington.
- 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.
- 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.
- Wells, R.S., M.D. Scott, and A.B. Irvine. 1987. The social structure of free-ranging bottlenose dolphins. Pages 247-305 in H.H. Genoways, ed. *Current Mammalogy, Vol. 1*. Plenum Press, New York.
- Wells, R.S., K.W. Urian, A.J. Read, M.K. Bassos, W.J. Carr, and M.D. Scott. 1996. Low-level monitoring of bottlenose dolphins, *Tursiops truncatus*, in Tampa Bay, Florida 1988-1993.

NOAA Technical Memorandum NMFS-SEFSC-385, National Marine Fisheries Service: 115.

- Wiley, D.N., R.A. Asmutis, T.D. Pitchford, and D.P. Gannon. 1995. Stranding and mortality of humpback whales, *Megaptera novaeangliae*, in the mid-Atlantic and southeast United States, 1985-1992. Fishery Bulletin **93** (1):196-205.
- Winn, H.E., R.K. Edel, and A.G. Taruski. 1975. Population estimate of humpback whale (*Megaptera novaeangliae*) in the West Indies by visual and acoustic techniques. Journal of the Fisheries Research Board of Canada **32** (4):499-506.
- 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.
- Zolman, E.S. 2002. Residence patterns of bottlenose dolphins (*Tursiops truncatus*) in the Stono River estuary, Charleston County, South Carolina, USA. Marine Mammal Science **18** (4):879-892.