

References: Target and Missile Launches on San Nicolas Island

- Antonelis, G. A., Stewart, B. S., & Perryman, W. F. (1990). Foraging characteristics of female northern fur seals (*Callorhinus ursinus*) and California sea lions (*Zalophus californianus*). *Canadian Journal of Zoology*, 68, 150-158.
- Aurioles-Gamboa, D. (2015). *Arctocephalus townsendi*. ICUN. p. 17.
- Aurioles-Gamboa, D., Elorriaga-Verplancken, F., & Hernandez-Camacho, C. (2010). The current population status of Guadalupe fur seal (*Arctocephalus townsendi*) on the San Benito Islands, Mexico. *Marine Mammal Science*, 26(2), 402-408.
- Aurioles-Gamboa, D., & Trillmich, F. (2015). *Arctocephalus townsendi*. *International Union for Conservation of Nature (Ed.), IUCN red list of threatened species, Version*.
- Baird, R. W. (2001). Status of harbour seals, *Phoca vitulina*, in Canada. *Canadian Field-Naturalist*, 115(4), 988-996.
- Barlow, J., Forney, K., Hill, P., Brownell Jr, R., Carretta, J., DeMaster, D., . . . Reeves, R. (1997). *US Pacific marine mammal stock assessments: 1996*. NOAA Tech. Mem. NMFS-SWFSC-248: 223 pp.
- Barlow, J., Rankin, S., Jackson, A., & Henry, A. (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*. U.S. Department of Commerce, NOAA, National Marine Fisheries Service, Southwest Fisheries Science Center.
- Bartholomew, G. A., & Boolootian, R. A. (1960). Numbers and population structure of the pinnipeds on the California Channel Islands. *Journal of Mammalogy*, 41, 366-375.
- Bartholomew, G. A., Jr. (1950). A male Guadalupe fur seal on San Nicolas Island, California. *Journal of Mammalogy*, 31, 175-180.
- Berrens, R. P., DeWitt, J. S., Baumann, D. D., & Nelson, M. E. (1988). *Examination of noise management approaches in the United States*. Ft. Belvoir, VA: U.S. Army Corps of Engineers.
- Bigg, M. A. (1969). The harbour seal in British Columbia. *Fisheries Research Board of Canada Bulletin*, 172, 33.
- Bigg, M. A. (1981). Harbour seal, *Phoca vitulina*, Linnaeus, 1758 and *Phoca largha*, Pallas, 1811. In: Ridgway, S. H., and R. J. Harrison (Ed.), *Handbook of Marine Mammals. Vol. 2: Seals* (pp. 1-27). New York, NY: Academic Press.
- Bonnell, M. L., & Ford, R. G. (1987). California sea lion distribution: a statistical analysis of aerial transect data. *Journal of Wildlife Management*, 51, 13-20.
- Boveng, P. L., London, J. M., & VerHoef, J. M. (2012). *Distribution and abundance of harbor seals in Cook Inlet, Alaska. Task III: Movements, marine habitat use, diving behavior, and population structure, 2004-2006*. Anchorage, AK: Bureau of Ocean Energy Management, Alaska Outer Continental Shelf Region. p. 58.
- Bowles, A. E., & Stewart, B. S. (1980). *Disturbances to the pinnipeds and birds of San Miguel Island, 1979-80*. San Diego, CA: Hubbs-Sea World Research Institute. pp. 99-137.
- Bowles, A. E., Wolski, L., Berg, E., & Yochem, P. K. (1999). *Measurements of impulse noise-induced temporary threshold shift in endangered and protected animals*. Paper presented at the 137th meeting of the Acoustical Society, Berlin, Germany.
- Brunner, S. (2003). Fur seals and sea lions (Otariidae): Identification of species and species review. *Systematics and Biodiversity*, 1, 339-439.
- Burgess, W. C., & Greene Jr, C. R. (1998). *BQM-34S and Vandal missile target launch sound measurements recorded at San Nicolas Island and NAWA Point Mugu*. Point Mugu, CA.

- Burke, J. H. (2017). *Pinniped Monitoring During Missile Launches on San Nicolas Island, California, December 2016 - November 2017*. Point Mugu, CA: Naval Air Warfare Center Weapons Division. p. 55.
- Burns, J. J. (2002). Harbor and Spotted Seal. In Perrin, W. F., Wursig, B. & J.G.M. Thewissen, e. (Eds.), *Encyclopedia of Marine Mammals*. San Diego, CA: Academic Press.
- Carretta, J., Forney, K. A., Oleson, E. M., Weller, D. W., Lang, A. R., Baker, J., . . . Brownell, R. L. (2017). *U.S. Pacific Marine Mammal Stock Assessments: 2016*. NMFS. p. 414.
- Clinton, W. L. (1994). Sexual selection and growth in male northern elephant seals. In Le Boeuf, B. J. & Laws, R. M. (Eds.), *Elephant Seals: Population Ecology, Behavior, and Physiology*. Berkeley, CA: University of California Press.
- Cummings, W. C. (1993). *Sonic booms and marine mammals: informational status and recommendations*. San Diego, CA: NASA Langley Research Center.
- DeLong, R. L., & Antonelis, G. A. (1991). Impacts of the 1982-1983 El Niño on the northern fur seal population at San Miguel Island, California. In Trillmich, F. & Ono, K. (Eds.), *Pinnipeds and El Niño: Responses to Environmental Stress* (pp. 75-83). New York, NY: Springer-Verlag.
- DeLong, R. L., & Melin, S. R. (1999). Thirty years of pinniped research at San Miguel Island. In U.S. Dep. of the Interior, M. M. S., Pacific OCS Region (Ed.), *Proceedings of the Fifth California Island Symposium* (pp. 401-406). Santa Barbara, CA: Santa Barbara museum of Natural History.
- Department of the Navy. (2002). *Point Mugu Sea Range Environmental Impact Statement/Overseas Environmental Impact Statement*. Point Mugu, CA.
- Department of the Navy. (2014). *Petition for Regulations Pursuant to Section 101 (a)(5) of the Marine Mammal Protection Act Covering Taking of Marine Mammals Incidental to Target and Missile Launch Activities for the Period 2014-2019 at San Nicolas Island, California (50 CFR Part 216, Subpart I)*.
- DoD Noise Working Group. (2009). *Using Supplemental Noise Metrics and Analysis Tools*. . p. 21 p.
- Fahy, C. (2015). *Guadalupe Fur Seal: Status Review*. Paper presented at the Society for Marine Mammalogy 21st Biennial Conference, San Francisco, CA.
- Fisher, H. D. (1952). The status of the harbour seal in British Columbia, with particular reference to the Skeena River. *Fisheries Research Board of Canada Bulletin*, 93, 58.
- Fleischer, L. A. (1987). *Arctocephalus townsendi*. Cambridge, England. p. 212 p.
- Fluharty, M. J. (1999). *Summary of Pacific harbor seal, Phoca vitulina richardsi, surveys in California, 1982 to 1995*. California Department of Fish and Game. p. 49.
- Gallo-Reynoso, J. P., Figueroa-Carranza, A. L., & Le Boeuf, B. J. (2008). Foraging behavior of lactating Guadalupe fur seal females. In *Avances en el Estudio de los Mamíferos de México, Publicaciones Especiales ed.*, (Vol. III, pp. 595–614). A.C. Mexico D.F.: Asociación Mexicana de Mastozoología.
- García-Capitanachi, B. (2011). Estado de la población de lobo fino de Guadalupe (*Arctocephalus townsendi*) en Isla Guadalupe e Islas San Benito. *MC Thesis dissertation. Facultad de Ciencias Universidad de Baja California, México*.
- Gentry, R. L. (2009). Northern fur seal, *Callorhinus ursinus*. In Perrin, W. F., Wursig, B. & Thewissen, J. G. M. (Eds.), *Encyclopedia of Marine Mammals* (pp. 788–791): Academic Press.
- Gentry, R. L., & Holt, J. R. (1986). Attendance behavior of northern fur seals. In Gentry, R. L. & Kooyman, G. L. (Eds.), *Fur seals: Maternal strategies on land and at sea* (pp. 41-60). Princeton, N.J.: Princeton University Press.
- Gisiner, R. C., & Schusterman, R. J. (1991). California sea lion pups play an active role in reunions with their mothers. *Animal Behavior*, 41, 364-366.
- Hanan, D. A. (1996). *Dynamics of abundance and distribution for Pacific harbor seal, Phoca vitulina richardsi, on the Coast of California*. Ph.D., University of California at Los Angeles, Los Angeles, CA.

- Hanni, K. D., Long, D. J., Jones, R. E., Pyle, P., & Morgan, L. (1997). Sightings and strandings of Guadalupe fur seals in central and northern California, 1988–1995. *Journal of Mammalogy*, 78(2), 684-690.
- Harris, F. J. (1978). On the use of windows for harmonic analysis with the discrete Fourier transform. *Proceedings of IEEE*, 66(1), 51-83.
- Harvey, J. T., & Goley, D. (2011). Determining a correction factor for aerial surveys of harbor seals in California. *Marine Mammal Science*, 27(4), 719-735. doi: 10.1111/j.1748-7692.2010.00446.x.
- 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, 1755-1773.
- Hayes, W. N., & Saif, E. I. (1967). Visual alarm reactions in turtles. *Animal Behavior*, 15, 102-106.
- Heath, C. B. (1989). *The Behavioral ecology of the California sea lion, Zalophus californianus*. Ph.D., University of California at Santa Cruz, Santa Cruz, CA.
- Hoffman, J., Matson, C., Amos, W., Loughlin, T., & Bickham, J. (2006). Deep genetic subdivision within a continuously distributed and highly vagile marine mammal, the Steller's sea lion (*Eumetopias jubatus*). *Molecular ecology*, 15(10), 2821-2832.
- Holst, M., Greene Jr, C. R., Ltd., L., & Inc., G. S. (2004). *Marine Mammal and Acoustical Monitoring of Missile Launches on San Nicolas Island, October 2003-July 2004*. China Lake, CA: Naval Air Weapons Station. p. 82 p.
- Holst, M., Greene Jr., C. R., Ltd., L., & Inc., G. S. (2010). *Marine Mammal and Acoustical Monitoring during Vehicle Launches on San Nicolas Island, California, June 2009 – December 2009*. Point Mugu, CA: Naval Air Warfare Center Weapons Division. p. 66 p.
- Holst, M., Greene Jr., C. R., Richardson, W. J., McDonald, T. L., Bay, K., Elliot, R. E., . . . Inc., W. E. T. (2005a). *Marine Mammal and Acoustical Monitoring of Missile Launches on San Nicolas Island, California, August 2001 – May 2005*. Point Mugu, CA: Naval Air Warfare Center Weapons Division. p. 179 p.
- Holst, M., Greene Jr., C. R., Richardson, W. J., McDonald, T. L., Bay, K., Elliot, R. E., . . . Inc., W. E. T. (2008). *Marine Mammal and Acoustical Monitoring of Missile Launches on San Nicolas Island, California, August 2001 – March 2008*. Point Mugu, CA: Naval Air Warfare Center Weapons Division. p. 134 p.
- Holst, M., Greene Jr., C. R., Richardson, W. J., McDonald, T. L., Bay, K., Schwartz, S. J., & Smith, G. (2011). Responses of Pinnipeds to Navy Missile Launches at San Nicolas Island, California. *Aquatic Mammals*, 37(2), 139-150.
- Holst, M., Lawson, J. W., Richardson, W. J., Schwartz, S. J., & Smith, G. (2005b). *Pinniped responses during Navy missile launches at San Nicolas Island, California*. Paper presented at the Proceedings 6th California Island Symposium, Ventura, CA.
- Huber, H. (1991). Changes in the distribution of California sea lions north of the breeding rookeries during the 1982-83 El Niño. In Trillmich, F. & Ono, K. A. (Eds.), *Pinnipeds and El Niño, Responses to environmental Stress* (pp. 129-137). Berlin: Springer-Verlag.
- Huber, H. R., Jeffries, S. J., Brown, R. F., DeLong, R. L., & Van Blaricom, G. (2001). Correcting aerial survey counts of harbor seals (*Phoca vitulina richardsi*) in Washington and Oregon. *Marine Mammal Science*, 17, 276-293.
- Jefferson, T. A., Smultea, M. A., & Bacon, C. E. (2008). Southern California Bight marine mammal density and abundance from aerial surveys, 2008-2013.
- Jefferson, T. A., Webber, M. A., & Pitman, R. L. (2015). *Marine Mammals of the World: A Comprehensive Guide to Their Identification* (2nd Edition ed.): Academic Press.
- Jemison, L. A., Pendleton, G. W., Fritz, L. W., Hastings, K. K., Maniscalco, J. M., Trites, A. W., & Gelatt, T. S. (2013). Inter-population movements of Steller sea lions in Alaska with implications for population separation. *PLoS One*, 8(8), e70167.

- Kastak, D., & Schusterman, R. J. (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., & Schusterman, R. J. (1999). In-air and underwater hearing sensitivity of a northern elephant seal (*Mirounga angustirostris*). *Journal of Acoustical Society of America*, 77, 1751-1758.
- Kastak, D., Southall, B. L., Holt, M. M., & Schusterman, R. J. (2004). Noise-induced temporary threshold shifts in pinnipeds: effects of noise energy. *Journal of Acoustical Society of America*, 116(4), 2531-2532.
- Kastak, D., Southall, B. L., Schusterman, R. J., & Reichmuth, C. (2005). Underwater temporary threshold shift in pinnipeds: effects of noise level and duration. *Journal of Acoustical Society of America*, 118(5), 3154-3163.
- Kastelein, R. A., Wensveen, P., Hoek, L., & Terhune, J. M. (2009a). Underwater hearing sensitivity of harbor seals (*Phoca vitulina*) for narrow noise bands between 0.2 and 80 kHz.
- Kastelein, R. A., Wensveen, P. J., Hoek, L., Verboom, W. C., & Terhune, J. M. (2009b). Underwater detection of tonal signals between 0.125 and 100 kHz by harbor seals (*Phoca vitulina*). *Journal of the Acoustical Society of America*.
- Kinsler, L. E., Frey, A. R., Coppens, A. B., & Sanders, J. V. (1982). *Fundamentals of Acoustics*. New York, NY: John Wiley & Sons.
- Koski, W. R., Lawson, J. W., Thomson, D. H., & Richardson, W. J. (1998). *Point Mugu Sea Range marine mammal technical report*. King City, Canada: LGL Ltd. p. 322.
- Kuhn, C. E., & Costa, D. P. (2014). Interannual variation in the at-sea behavior of California sea lions (*Zalophus californianus*). *Marine Mammal Science*, 30(4), 1297-1319.
- Laake, J. L., Lowry, M. S., DeLong, R. L., Melin, S. R., & Carretta, J. V. (2018). Population growth and status of California sea lions. *Journal of Wildlife Management*, 82(3), 583-595.
- Lawson, J. W., Koski, W. R., Richardson, W. J., Thomson, D. H., & Malme, C. I. (1998). *Biological consequences for marine mammals*. King City, Ontario: LGL Ltd. pp. 183-279.
- Le Boeuf, B. J., Bonnell, M. L., Pierson, M. O., Dettman, D. H., & Farrens, G. D. (1978). *Final Report, 1975-1976, Marine Mammal and Seabird Survey of the Southern California Bight Area*. Santa Cruz, CA: University of California, Santa Cruz. p. 472.
- Le Boeuf, B. J., & Laws, R. M. (1994). Elephant seals: an introduction to the genus. In: Le Boeuf, B. J. & Laws, R. M. (Eds.), *Elephant Seals: Population Ecology, Behavior, and Physiology*. Berkeley, CA: University of California Press.
- Le Boeuf, B. J., Ono, K., & Reiter, J. (1991). *History of the Steller sea lion population at Año Nuevo Island, 1961-1991*. La Jolla, CA: SWFSC.
- Lea, M.-A., Johnson, D., Ream, R. R., Sterling, J., Melin, S., & Gelatt, T. (2009). Extreme weather events influence dispersal of naive northern fur seals. *Biology letters*, 5, 252-257.
- Lefebvre, K. A., Powell, C. L., Busman, M., Doucette, G. J., Moeller, P. D., Silver, J. B., . . . Silver, M. W. (1999). Detection of domoic acid in northern anchovies and California sea lions associated with an unusual mortality event. *Natural toxins*, 7(3), 85-92.
- LGL Ltd., & Greenridge Sciences Inc. (2002). *Marine Mammal and Acoustic Monitoring of Missile Launches on San Nicolas Island, August 2001-July 2002*. King City, Ontario. pp. 3-1 to 3-27.
- Loughlin, T. R. (1998). The Steller sea lion: a declining species. *Biosphere conservation: for nature, wildlife, and humans*, 1(2), 91-98.
- Loughlin, T. R., Rugh, D. J., & Fiscus, C. H. (1984). Northern sea lion distribution and abundance: 1956-80. *The Journal of wildlife management*, 729-740.
- Lowry, L. F., Frost, K. J., Ver Hoef, J. M., & DeLong, R. L. (2001). Movements of satellite-tagged subadult and adult harbor seals in Prince William Sound, Alaska. *Marine Mammal Science*, 17, 835-861.

- Lowry, M. S., Boveng, P., DeLong, R. J., Oliver, C. W., Stewart, B. S., DeAnda, H., & Barlow, J. (1992a). *Status of the California sea lion (Zalophus californianus californianus) population in 1992*: National Oceanic and Atmospheric Administration.
- Lowry, M. S., Boveng, P. L., DeLong, R. L., Oliver, C. W., Stewart, B. S., DeAnda, H., & Barlow, J. (1992b). *Counts of northern elephant seals at rookeries in the southern California Bight: 1981-2001*. La Jolla, CA: NMFS-SWFSC.
- Lowry, M. S., & Carretta, J. V. (2002). *Pacific harbor seal, Phoca vitulina richardii, census in California during May-July 2002*. La Jolla, CA: NMFS-SWFSC.
- Lowry, M. S., Carretta, J. V., & Forney, K. A. (2008). Pacific harbor seal census in California during May-July 2002 and 2004. *California Fish and Game*, 94(4), 180-193.
- Lowry, M. S., Condit, R., Hatfield, B., Allen, S. G., Berger, R., Morris, P. A., . . . Reiter., J. (2014). Abundance, Distribution, and Population Growth of the Northern Elephant Seal (*Mirounga angustirostris*) in the United States from 1991 to 2010. *Aquatic Mammals*, 40(1), 20-31.
- Lowry, M. S., & Forney, K. A. (2005). Abundance and distribution of California sea lions (*Zalophus californianus*) in central and northern California during 1998 and summer 1999. *Fishery Bulletin*, 103(2), 331-343.
- Lowry, M. S., Melin, S. R., & Laake, J. L. (2017a). *Breeding season distribution and population growth of California sea lions, Zalophus californianus, in the United States during 1964-2014*. La Jolla, CA: NMFS-SWFSC. p. 66.
- Lowry, M. S., Nehasil, S. E., & Jaime, E. M. (2017b). *Distribution of California sea lions, northern elephant seals, pacific harbor seals, and Steller sea lions at the Channel Islands during July 2011-2015*. NMFS-SWFSC. p. 67.
- Lubinsky-Jinich, D., Schramm, Y., & Heckel, G. (2017). The Pacific Harbor Seal's (*Phoca vitulina richardii*) Breeding Colonies in Mexico: Abundance and Distribution *Aquatic Mammals*, 43(1), 73-81.
- Lyons, E., DeLong, R., Gulland, F., Melin, S., Tolliver, S., & Spraker, T. (2000). Comparative biology of *Uncinaria* spp. in the California sea lion (*Zalophus californianus*) and the northern fur seal (*Callorhinus ursinus*) in California. *Journal of Parasitology*, 86(6), 1348-1352.
- Maniscalco, J. M., Wynne, K., Pitcher, K. W., Hanson, M. B., Melin, S. R., & Atkinson, S. (2004). The occurrence of California sea lions (*Zalophus californianus*) in Alaska. *Aquatic Mammals*, 30(3), 427-433.
- Manugian, S. C., Greig, D. J., Lee, D., Becker, B. H., Allen, S. G., Lowry, M. S., & Harvey, J. T. (2016). Survival probabilities and movements of harbor seals in central California. *Marine Mammal Science*, 33(1), 154-171.
- Maravilla-Chavez, M. O., & Lowry, M. S. (1999). Incipient breeding colony of Guadalupe fur seals at Isla Benito del Este, Baja California, Mexico. *Marine Mammal Science*, 15, 239-241.
- McHuron, E. A., Block, B. A., & Costa, D. P. (2017). Movements and dive behavior of juvenile California sea lions from Ano Nuevo Island. *Marine Mammal Science*, 34(1), 238-249.
- Melin, S. R., & DeLong, R. L. (1999). Observations of a Guadalupe fur seal (*Arctocephalus townsendi*) female and pup at San Miguel Island, California. *Marine Mammal Science*, 15(3), 885-887.
- Melin, S. R., DeLong, R. L., & Orr, A. J. (2005). *The status of the northern fur seal population at San Miguel Island, California, 2002-2003*. Seattle, WA: NMFS. p. 72.
- Melin, S. R., Sterling, J. T., Ream, R. R., Towell, R., Zeppelin, T., Orr, A. J., . . . Kuhn, C. (2012). *A tale of two stocks: Studies of northern fur seals breeding at the northern and southern extent of the range* Seattle, WA: NMFS-AFSC.
- Moore, P. W., & Schusterman, R. J. (1987). Audiometric assessment of northern fur seals, *Callorhinus ursinus*. *Marine Mammal Science*, 3(1), 31-53.
- Mortenson, J., & Follis, M. (1997). Northern elephant seal (*Mirounga angustirostris*) aggression on harbor seal (*Phoca vitulina*) pups. *Marine Mammal Science*, 13, 526-530.

- Mulsow, J., Houser, D. S., & Finneran, J. J. (2012). Underwater psychophysical audiogram of a young male California sea lion (*Zalophus californianus*). *The Journal of the Acoustical Society of America*, *131*(5), 4182-4187.
- Muto, M. M., Helker, V. T., Angliss, R. P., Allen, B. A., Boveng, P. L., Breiwick, J. M., . . . Zerbini, A. N. (2018). *Alaska Marine Mammal Stock Assessments, 2017*. (NOAA Technical Memorandum NMFS-AFSC-378). Seattle, WA: NMFS-AFSC.
- National Marine Fisheries Service. (1995). *Status review of the United States Steller sea lion (Eumetopias jubatus) population*. Seattle, WA: The National Marine Mammal Laboratory, Alaska Fisheries Science Center
- National Marine Fisheries Service. (2002). *Small takes of marine mammals incidental to specified activities; missile launch operations from San Nicolas Island, CA*
- National Marine Fisheries Service. (2003). *Taking and importing marine mammals; taking marine mammals incidental to rocket launches*.
- National Marine Fisheries Service. (2014). *Letter of Authorization: Taking of Marine Mammals Incidental to Missile Launch Activities from San Nicolas Island, CA*. Silver Spring, MD: NMFS-OPR.
- National Marine Fisheries Service. (2018a). 2013-2017 California Sea Lion Unusual Mortality Event in California Retrieved from <https://www.fisheries.noaa.gov/national/marine-life-distress/2013-2017-california-sea-lion-unusual-mortality-event-california> as accessed on October 9, 2018.
- National Marine Fisheries Service. (2018b). 2015-2018 Guadalupe Fur Seal Unusual Mortality Event in California Retrieved from <https://www.fisheries.noaa.gov/national/marine-life-distress/2015-2018-guadalupe-fur-seal-unusual-mortality-event-california> as accessed on October 9, 2018.
- National Marine Fisheries Service. (2018c). Revision to Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing: Underwater Thresholds for Onset of Permanent and Temporary Threshold Shifts.. NOAA Technical Memo NMFS-OPR-59. April 2018.
- Naval Air Warfare Center Weapons Division. (2017). Pinniped Monitoring during Missile Launches on San Nicolas Island, California, December 2016 - November 2017.
- Norris, T., DeRango, G., DiGiovanni, R., & Field, C. (2015). *Distribution of and threats to Guadalupe fur seals off the California coast*. Paper presented at the Society for Marine Mammalogy 21st Biennial Conference, San Francisco, CA.
- Ono, K. (1991). Introductory remarks and the natural history of the California sea lion. In. Trillmich, F. & Ono, K. A. (Eds.), *Pinnipeds and El Niño, Responses to Environmental Stress* (pp. 109-111). Berlin, Germany: Springer-Verlag.
- Patterson, J., & Acevedo-Gutiérrez, A. (2008). Tidal influence on the haul-out behavior of harbor seals (*Phoca vitulina*) at a site available at all tide levels *Northwestern Naturalist*, *89*(1), 17-23.
- Perry, E. A., Boness, D. J., & Insley, S. J. (2002). Effects of sonic booms on breeding gray seals and harbor seals on Sable Island, Canada. *Journal of Acoustical Society of America*, *111*, 599-609.
- Peterson, R. S., & Bartholomew, G. A. (1967). *The natural history and behavior of the California sea lion* (Vol. Special Publication 1): American Society of Mammalogists.
- Petrinovich, L. (1974). Individual recognition of pup vocalization by northern elephant seal mothers. *Zeitschrift fuer Tierpsychologie*, *34*, 308-312.
- Pitcher, K. W., Olesiuk, P. F., Brown, R. F., Lowry, M. S., Jeffries, S. J., Sease, J. L., . . . Lowry, L. F. (2007). Abundance and distribution of the eastern North Pacific Steller sea lion (*Eumetopias jubatus*) population. *Fishery Bulletin*, *105*(1), 102-116.
- Ream, R. R., Sterling, J. T., & Loughlin, T. R. (2005). Oceanographic features related to northern fur seal migratory movements. *Deep Sea Research Part II: Topical Studies in Oceanography*, *52*(5-6), 823-843. doi: 10.1016/j.dsr2.2004.12.021.

- Reichmuth, C., Holt, M. M., Mulsow, J., Sills, J. M., & Southall, B. L. (2013). Comparative assessment of amphibious hearing in pinnipeds. *Journal of Comparative Physiology A*. doi: 10.1007/s00359-013-0813-y.
- Reichmuth, C., & Southall, B. L. (2012). Underwater hearing in California sea lions (*Zalophus californianus*): Expansion and interpretation of existing data. *Marine Mammal Science*, 28(2), 358-363.
- Reiman, A. J., & Terhune, J. M. (1993). The maximum range of vocal communication in air between a harbor seal (*Phoca vitulina*) pup and its mother. *Marine Mammal Science*, 9, 182-189.
- Renouf, D. (1984). The vocalization of the harbour seal pup (*Phoca vitulina*) and its role in the maintenance of contact with the mother. *Journal of Zoology (Lond.)*, 2002, 583-590.
- Renouf, D. (1985). A demonstration of the ability of the harbour seal *Phoca vitulina* (L) to discriminate among pup vocalizations. *Journal of the Experimental Marine Biology and Ecology*, 87, 41-46.
- Repenning, C. A., Peterson, R. S., & Hubbs, C. L. (1971). Contributions to the systematics of the southern fur seals, with particular reference to the Juan Fernandez and Guadalupe species. *Antarctic pinnipedia*, 18, 1-34.
- Richardson, W. J., Green, C. R., Malme, C. I., & Thomson, D. H. (1995). *Marine Mammals and Noise*. San Diego, CA: Academic Press.
- Riedman, M. (1990). *The pinnipeds: Seals, sea lions and walruses*. Berkeley, CA: University of California Press.
- Scheffer, V. B., & Slipp, J. W. (1944). The harbor seal in Washington State. *American Midland Naturalist*, 32(2), 373-416.
- Scholin, C. A., Gulland, F., Doucette, G. J., Benson, S., Busman, M., Chavez, F. P., . . . Harvey, J. (2000). Mortality of sea lions along the central California coast linked to a toxic diatom bloom. *Nature*, 403(6765), 80.
- Schramm, Y., Mesnick, S. L., de la Rosa, J., Palacios, D. M., Lowry, M. S., Auriolos-Gamboa, D., . . . Escorza-Trevino, S. (2009). Phylogeography of California and Galapagos sea lions and population structure within the California sea lion. *Marine Biology*, 156, 1375-1387.
- Schusterman, R. J., Balliet, R. F., & Nixon, J. (1972). UNDERWATER AUDIOGRAM OF THE CALIFORNIA SEA LION BY THE CONDITIONED VOCALIZATION TECHNIQUE 1. *Journal of the Experimental Analysis of Behavior*, 17(3), 339-350.
- Sease, J. L., & York, A. E. (2003). Seasonal distribution of Steller's sea lions at rookeries and haul-out sites in Alaska. *Marine Mammal Science*, 19(4), 745-763.
- Shipley, C., Hines, M., & Buchwald, J. S. (1981). Individual differences in threat calls of northern elephant seal bulls. *Animal Behavior*, 29, 12-19.
- Shipley, C., Hines, M., & Buchwald, J. S. (1986). Vocalizations of northern elephant seal bulls: development of adult call characteristics during puberty. *Journal of Mammalogy*, 67, 526-536.
- Shipley, C., & Strecker, G. (1986). Day and night patterns of vocal activity of northern elephant seal bulls. *Journal of Mammalogy*, 67, 775-778.
- Small, R. J., Pendleton, G. W., & Pitcher, K. W. (2003). Trends in abundance of Alaska harbor seals, 1983-2001. *Marine Mammal Science*, 19, 344-362.
- Southall, B. L., Bowles, A. E., Ellison, W. T., Finneran, J. J., Gentry, R. L., Greene Jr., C. R., . . . Tyack, P. L. (2007). Marine mammal noise exposure criteria: initial scientific recommendations. *Aquatic Mammals*, 33(4), 411-521.
- Southall, B. L., Schusterman, R. J., Kastak, D., & Reichmuth Kastak, C. (2005). Reliability of underwater hearing thresholds in pinnipeds. *Acoustics Research Letters Online*, 6(4), 243-249.
- Sterling, J. T., Springer, A. M., Iverson, S. J., Johnson, S. P., Pelland, N. A., Johnson, D. S., . . . Bond, N. A. (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.
- Stewart, B. S. (1981a). Behavioral response of northern elephant seals and California sea lions on San Nicolas Island, California, to loud impulse noise. *Journal of Acoustical Society of America*, 70(Suppl. 1), S84.
- Stewart, B. S. (1981b). Guadalupe fur seal (*Arctocephalus townsendi*) on San Nicolas Island, California. *Bulletin of the Southern California Academy of Sciences*, 80, 134-136.
- Stewart, B. S. (1982). *Studies on the pinnipeds of the southern California Channel Islands, 1980-1981*. San Diego, CA: Hubbs-Sea World Research Institute. p. 117.
- Stewart, B. S., & Francine, J. K. (1992). *Biological and geological effects of launch-specific related noise and sonic boom from the Titan IV rocket at San Miguel Island and South Vandenberg Air Force Base on 7 November 1991*. . p. 26 p. .
- Stewart, B. S., Francine, J. K., & Thorson, P. H. (1994). *Taurus launch at Vandenberg Air Force Base, 13 March 1994; sound levels and behavioral responses of harbor seals (Phoca vitulina richardsi) at Purisma Point and Rocky Point*. San Diego, CA: Hubbs-Sea World Research Institute.
- Stewart, B. S., Francine, J. K., Young, J. K., & Drawbridge, M. (1991). *Monitoring biological and geological effects of launch-specific related noise and sonic boom from the Titan IV on 8 march 1991*.
- Stewart, B. S., & Huber, H. R. (1993). *Mirounga angustirostris*. *Mammalian Species*, 449, 1-10.
- Stewart, B. S., & Yochem, P. K. (1984). Seasonal abundance of pinnipeds at San Nicolas Island, California, 1980-1982. *Bulletin of Southern California Academy of Science*, 83, 121-132.
- Stewart, B. S., & Yochem, P. K. (1985). *Aerial surveys of pinniped populations at the Channel Islands National Park and National marine Sanctuary: 1984-1985*. San Diego, CA: Hubbs-Sea World Research Institute
- Stewart, B. S., & Yochem, P. K. (1994). Ecology of harbor seals in the Southern California Bight. In. Halvorson, W. L. & Maender, G. J. (Eds.), *The Fourth California Islands Symposium: Update on the Status of Resources* (pp. 123-134). Santa Barbara, CA: Santa Barbara museum of Natural History.
- Stewart, B. S., & Yochem, P. K. (2000). Community ecology of Channel Islands pinnipeds. In. Browne, D. R., Mitchell, K. L. & Chaney, H. W. (Eds.), *Proceedings of the Fifth Symposium on the Biology of the California Islands* (pp. 413-420). Santa Barbara, CA: Minerals Managemen Service.
- Stewart, B. S., Yochem, P. K., DeLong, R. L., & Antonelis, G. A. (1987). Interactions between Guadalupe fur seals and California sea lions at San Nicolas and San Miguel Islands, California. In. Croxall, J. P. & Gentry, R. L. (Eds.), *Status, Biology, and Ecology of Fur Seals* (Vol. NOAA-TR-NMFS 51, pp. 103-106). Silver Spring, MD.: NMFS.
- Stewart, B. S., Yochem, P. K., DeLong, R. L., & Antonelis, G. A. (1993). Trends in abundance and status of pinnipeds on the Southern California Channel Islands. In. Hochberg, F. G. (Ed.), *Third California Islands Symposium: Recent Advances in Research on the California Islands* (pp. 501-516). Santa Barbara, CA: Santa Barbara Museum of Natural History.
- Swain, U., Lewis, J., G., P., & Pitcher, K. (1996). *Movements, haulout, and diving behavior of harbor seals in southeast Alaska and Kodiak Island*. (NOAA Grant NA57FX0367). Douglas, AK: Alaska Dep. of Fish and Game, Division of Wildlife Conservation. pp. 59-144.
- Terhune, J. M. (1988). Detection Thresholds of a Harbour Seal to Repeated Underwater High-Frequency, Short-Duration Sinusoidal Pulses. *Canadian Journal of Zoology*, 66(7), 1578-1582.
- Thomas, K., Harvey, J. T., Goldstein, T., Barakos, J., & Gulland, F. (2010). Movement, dive behavior, and survival of California sea lions (*Zalophus californianus*) posttreatment for domoic acid toxicosis. *Marine Mammal Science*, 26(1), 36-52.
- Thorson, P. H., Francine, J. K., Berg, E. A., Meyers, L. E., & Eidson, D. A. (1999). *Acoustic measurement of the 22 May 1999 Titan IV B-12 launch and quantitative analysis of auditory and behavioral*

- responses for selected pinnipeds on Vandenberg Air Force Base and San Miguel Island, California.* Manhattan Beach, CA: SRS Technologies.
- Thorson, P. H., Francine, J. K., & Eidson, D. A. (1998). *Acoustic measurement of the Titan IV A-18 launch and quantitative analysis of harbor seal (Phoca vitulina richardsi) behavioral and auditory responses.* Manhattan Beach, CA: SRS Technologies.
- Trujillo, R. G., Loughlin, T. R., Gemmell, N. J., Patton, J. C., & Bickham, J. W. (2004). Variation in microsatellites and mtDNA across the range of the Steller sea lion, *Eumetopias jubatus*. *Journal of Mammalogy*, 85(2), 338-346.
- U.S. Navy. (2017). *Criteria and Thresholds for U.S. Navy Acoustic and Explosive Effects Analysis (Phase III)*. p. 194 p.
- Ugoretz, J. (2015). Pinniped Monitoring During Missile Launches on San Nicolas Island, California, December 2014 - November 2015. Naval Air Warfare Center Weapons Division, Point Mugu, CA. 36 pp.
- Ugoretz, J. (2016). *Pinniped Monitoring During Missile Launches on San Nicolas Island, California, December 2015 - November 2016.* Point Mugu, CA: Naval Air Warfare Center Weapons Division. p. 35.
- Ugoretz, J., & Greene Jr., C. R. (2012). *Pinniped Monitoring During Missile Launches on San Nicolas Island, California, September 2011 - September 2012.* Point Mugu, CA: Naval Air Warfare Center Weapons Division. p. 65.
- Welch, P. D. (1967). The use of FFT for the estimation of power spectra: A method based on time averaging over short modified periodograms. *IEEE Transactions on Audio and Electroacoustics*, AU-15(2), 70-73.
- Wells, B. K., Schroeder, I. D., Santora, J. A., Hazen, E. L., Bograd, S. J., Bjorkstedt, E. P., . . . Watson, W. (2013). State of the California Current 2012–13: no such thing as an “average” year. *California Cooperative Oceanic Fisheries Investigations Reports*, 54, 37-71.
- Westlake, R. L., Perryman, W. L., & Ono, K. (1997). Comparison of vertical aerial photographic and ground censuses of Steller sea lions at Año Nuevo Island, July 1990-1993. *Marine Mammal Science*, 13, 207-218.
- Wolf, J. B. W., Tautz, D., & Trillmich, F. (2007). Galapagos and California sea lions are separate species: Genetic analysis of the genus *Zalophus* and its implications for conservation management. *Frontiers in Zoology*, 4(20), 13.
- Wolski, K. F. (1999). Physiological responses of harbor seals, California sea lions, and northern elephant seals to simulated sonic booms, air-puffs, and white-noise bursts. *Journal of Acoustical Society of America*, 106, 2220.
- Wolski, L. F., Anderson, R. C., Bowles, A. E., & Yochem, P. K. (2003). Measuring hearing in the harbor seal (*Phoca vitulina*): Comparison of behavioral and auditory brainstem response techniques. *The Journal of the Acoustical Society of America*, 113(1), 629-637.
- Yochem, P. K., Stewart, B. S., DeLong, R. L., & DeMaster, D. P. (1987). Diel haul-out patterns and site fidelity of harbor seals (*Phoca vitulina richardsi*) on San Miguel Island, California, in autumn. *Marine Mammal Science*, 3(4), 323-332.