

Sea Otter Publications

2017

Breed, G. A., Golson, E. A., & Tinker, M. T. (2017). Predicting animal home-range structure and transitions using a multistate Ornstein-Uhlenbeck biased random walk. *Ecology*, *98*(1), 32-47. doi:10.1002/ecy.1615

Tinker, M. T., Tomoleoni, J., LaRoche, N., Bowen, L., Miles, A. K., Murray, M., Staedler, M., & Randell, Z. (2017). *Southern Sea Otter Range Expansion and Habitat Use in the Santa Barbara Channel, California* (U.S. Geological Survey Open-File Report 2017-1001), 76 pp. doi:10.3133/ofr20171001

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Bentall, G. B., Rosen, B. H., Kunz, J. M., Miller, M. A., Saunders, G. W., & LaRoche, N. L. (2016). Characterization of the putatively introduced red alga *Acrochaetium secundatum* (Acrochaetiales, Rhodophyta) growing epizoically on the pelage of southern sea otters (*Enhydra lutris nereis*). *Marine Mammal Science*, *32*(2), 753-764. doi:10.1111/mms.12275

Bowen, L., Miles, A., Ballachey, B., Waters, S., & Bodkin, J. (2016). Gene transcript profiling in sea otters post-Exxon Valdez Oil Spill: A tool for marine ecosystem health assessment. *Journal of Marine Science and Engineering*, *4*(2), 39.

Chinn, S. M., Miller, M. A., Tinker, M. T., Staedler, M. M., Batac, F. I., Dodd, E. M., & Henkel, L. A. (2016). The high cost of motherhood: end-lactation syndrome in southern sea otters (*Enhydra lutris nereis*) on the central California coast, USA. *Journal of Wildlife Diseases*, *52*(2), 307-318. doi:10.7589/2015-06-158

Ghoul, A., & Reichmuth, C. (2016). Auditory sensitivity and masking profiles for the sea otter (*Enhydra lutris*). In N. A. Popper & A. Hawkins (Eds.), *The Effects of Noise on Aquatic Life II* (pp. 349-354). New York, NY: Springer New York.

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Schott, K. C., Krusor, C., Tinker, M. T., Moore, J., Conrad, P. A., & Shapiro, K. (2016). Concentration and retention of *Toxoplasma gondii* surrogates from seawater by red abalone (*Haliotis rufescens*). *Parasitology*, 1-10. doi:10.1017/S0031182016001359

Shapiro, K., Miller, M. A., Packham, A. E., Aguilar, B., Conrad, P. A., Vanwormer, E., & Murray, M. J. (2016). Dual congenital transmission of *Toxoplasma gondii* and *Sarcocystis neurona* in a late-term aborted pup from a chronically infected southern sea otter (*Enhydra lutris nereis*). *Parasitology*, *143*(03), 276-288. doi:10.1017/S0031182015001377

Tarjan, L. M., & Tinker, M. T. (2016). Permissible Home Range Estimation (PHRE) in restricted habitats: A new algorithm and an evaluation for sea otters. *PLoS ONE*, *11*(3), 1-20. doi:10.1371/journal.pone.0150547

Thometz, N. M., Kendall, T. L., Richter, B. P., & Williams, T. M. (2016). The high cost of reproduction in sea otters necessitates unique physiological adaptations. *The Journal of Experimental Biology*, *219*(15), 2260-2264. doi:10.1242/jeb.138891

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Novak, M., & Tinker, M. (2015). Timescales alter the inferred strength and temporal consistency of intraspecific diet specialization. *Oecologia*, *178*(1), 61-74. doi:10.1007/s00442-014-3213-2

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