

BIBLIOGRAPHY

A BIBLIOGRAPHY ON THE SEA OTTER

Enhydra lutris
4th Edition (2024)

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ADDENDUM
November 2024

This can be used in conjunction with the previous edition to save printing out the whole document again.

ADDITIONS AND CORRECTIONS

Additions are marked with *; other entries are corrections.

- ***Barocas, A. and M. Ben-David. (2021).** Social structure of marine otters: Inter and intraspecific variation. pp 83-105. In: **Davis, R.W. and A.M. Pagano. (eds.).** Ethology and Behavioral Ecology of Sea Otters and Polar Bears. Ethology and Behavioral Ecology of Marine Mammals Series (**B. Wursig, ed.**). Springer. https://doi.org/10.1007/978-3-030-66796-2_5
- ***Chadès, I., J.M. Curtis, and T.G. Martin. (2012).** Setting realistic recovery targets for two interacting endangered species, sea otter and northern abalone. *Conservation Biology*, **26**(6):1016-1025. <https://doi.org/10.1111/j.1523-1739.2012.01951.x>
- ***Chang, R.K., M.A. Miller, H.C. Tekedar, D. Rose, J.C. García, B.R. LaFrentz, C.E. Older, G.C. Waldbieser, E. Pomaranski, K. Shahin, and A.C. Camus. (2024).** Pathology, microbiology, and genetic diversity associated with *Erysipelothrix rhusiopathiae* and novel *Erysipelothrix* spp. infections in southern sea otters (*Enhydra lutris nereis*). *Frontiers in Microbiology*, **14**: p.1303235 <https://doi.org/10.3389/fmicb.2023.1303235>
- ***Coletti, H.A. (2021).** Sea Otter Behavior and Its Influence on Littoral Community Structure. In: **Davis, R.W. and A.M. Pagano, (eds.).** Ethology and behavioral ecology of sea otters and polar bears. Springer, Cham. https://doi.org/10.1007/978-3-030-66796-2_8
- ***Cortez, M.M. and R.W. Davis, R. (2021).** Reproductive behavior of female sea otters and their pups. pp 125-138. In: **Davis, R.W. and A.M. Pagano. (eds.).** Ethology and Behavioral Ecology of Sea Otters and Polar Bears. Ethology and Behavioral Ecology of Marine Mammals Series: **B. Wursig (ed.)**. Springer, Cham Springer, Cham. https://doi.org/10.1007/978-3-030-66796-2_7
- ***Eisaguirre, J.M., T.D. Matsuoka, G.G. Esslinger, B.P. Weitzman, J.N. Womble, and P.A. Schuette. (2024).** Understanding sea otter population change in southeast Alaska: U.S. *Geological Fact Sheet 2024-3007*, 4 pp. <https://doi.org/10.3133/fs20243007>
- ***Eklöf, J.S. (2024).** Ecosystem effects of sea otters limit coastal erosion. *Nature*, **626**: 35-36. <https://doi.org/10.1038/d41586-024-00073-0>
- ***Estes, J.A., (2015).** Natural history, ecology, and the conservation and management of sea otters. pp. 19-41. In: **Larson, S.E., J.L. Bodkin, and G.R. VanBlairicom. (eds.)** *Sea Otter Conservation*, Academic Press. <https://doi.org/10.1016/B978-0-12-801402-8.00002-0>
- ***Gaskins, L.C. (2024).** Megafauna Utilization of and Impact on Salt Marshes. *Dissertation, Duke University*. Retrieved from <https://hdl.handle.net/10161/30854>
- ***Gelatt, T.S., D.B. Siniff, and J.A. Estes. (2002).** Activity patterns and time budgets of the declining sea otter population at Amchitka Island, Alaska. *The Journal of Wildlife Management*, **66**(1): 29-39.

- <https://werc.ucsc.edu/Estes/Estes%20Publications/2002%20Gelatt%20et%20al%20Journal%20of%20Wildlife%20Management.pdf>
- ***Gilkinson, A.K., S.E. Finerty, F. Weltz, T.M. Dellapenna, and R.W. Davis. (2011).** Habitat associations of sea otters (*Enhydra lutris*) in a soft-and mixed-sediment benthos in Alaska. *Journal of Mammalogy*, **92**(6): 1278-1286. <https://doi.org/10.1644/10-MAMM-A-379.1>
- ***Grewelle, R.E., K. Greenwald, C. Young C, and M. Miller. (2023).** Molecular and morphological confirmation of *Profilicollis altmani* as the cause of acanthocephalan peritonitis in California sea otters (*Enhydra lutris nereis*). *International Journal for Parasitology: Parasites and Wildlife*, **22**: 28-32. <https://doi.org/10.1016/j.ijppaw.2023.08.003>
- ***Griffen, B.D., L. Klimes, L.S. Fletcher, and N.M. Thometz. (2024).** Data needs for sea otter bioenergetics modeling, *Conservation Physiology*, **12**(1): coae067. <https://doi.org/10.1093/conphys/coae067>
- ***Hamilton, S.N., M.T. Tinker, J. Jackson, and J.A. Tomoleoni, M.C. Kenner, J.L. Yee, T.W. Bell, M.C. Castorani, B.H. Becker, and B.B. Hughes. (2024).** Modeling coupled dynamics of an empirical predator-prey system to predict top predator recovery. *Biological Conservation*, **294**: p.110623. <https://doi.org/10.1016/j.biocon.2024.110623>
- ***Harano, T. and N. Kutsukake. (2024).** Body size evolution in otters distinguished from terrestrial mustelids. *Journal of Evolutionary Biology*, **37**(2): 152-161. <https://doi.org/10.1093/jeb/voad015>
- ***Harris, H.S., M.D. Harris, G.R. Thompson III, D.M. Engelthaler, L.M., P.L. Montfort, A. L. Leviner, and M.A.. (2024).** Novel presentation of Coccidioidomycosis with myriad free-floating proteinaceous spheres in the pericardial sac of a southern sea otter (*Enhydra lutris nereis*). *Journal of Wildlife Diseases*, **60**(1): 223-228. <https://doi.org/10.7589/jwd-d-23-00045>
- ***Harvey, S. (2024).** Lethal parasite from cats is infecting sea otters. The Cuestionian: The Student Voice of Cuesta College, May 1, 2024. San Luis Obispo, California. <https://cuestionian.com/11185/news/lethal-parasite-from-cats-is-infecting-sea-otters/>
- ***Hasan, E.L., K.B. Gorman, H.A. Coletti, and B. Konar. (2024).** Species distribution modeling of northern sea otters (*Enhydra lutris kenyoni*) in a data-limited ecosystem. *Ecology and Evolution*, **14**(3): 17 pp. e11118. <https://doi.org/10.1002/ece3.11118>
- ***Hawk, D.W., R.C. Dunkin, F. Batac, M. Miller, and P. Weiss-Penzias. (2024).** Assessment of mercury concentrations in fur, liver, and brain tissue from necropsied southern sea otters (*Enhydra lutris nereis*). *Marine Mammal Science*, **40**(3): e13112. <https://doi.org/10.1111/mms.13112>
- ***Hughes, B.B., K.M. Beheshti, M.Y. Tinker, C. Angelini, C. Endris, L. Murai, S.C. Anderson, S. Espinosa, M. Staedler, J.A. Tomoleoni, and M. Sanchez. (2024).** Top-predator recovery abates geomorphic decline of a coastal ecosystem. *Nature*, **626**(7997): 111-118. (contains information on *Enhydra lutris*) <https://www.nature.com/articles/s41586-023-06959-9>
- ***Jessup, D.A. and M.A. Miller. (2023)** Chapter 6: Prescriptions for reducing ocean pollution and saving southern sea otters. Pp. 90-107. In: **Jessup D.A. and W.R. Radcliffe. (eds.)**, *Wildlife Disease in Health Conservation*. Johns Hopkins University Press, Baltimore. ISBN: 978-1421446745
- Jessup, D.A. and M.A. Miller. (2012).** Southern sea otters as sentinels for land-sea pathogens. Chapter 23. In: **Aguirre, A., R.S. Ostfeld, and P. Daszak. (eds.)**. *Conservation Medicine: Applied Cases of Ecological Health*. Oxford University Press, NY, 10016. https://www.researchgate.net/publication/281178281_Southern_Sea_Otters_as_Sentinels_for_Land-Sea_Pathogens_and_Pollutants
- ***Johnson, C.J., J.R. Hale, M.T. Tinker, E.U. Foster, J.F. Samhuri, A.O. Shelton, and K.L. Laidre. (2023).** Rapid consumption of kelp crab: Implications for sea otters in Washington state. *Northwestern Naturalist*, **104**(1): 48-67. <https://doi.org/10.1898/NWN20-07>
- ***Klump, B.C. (2024).** Tool use promotes dental health. *Science*, **384**(6697): 740-741. (contains information on *Enhydra lutris*). <https://doi.org/10.1126/science.adp4375>
- ***Knight, K. (2024).** Crude oil destroys sea otter buoyancy. *Journal of Experimental Biology*, **227**(17). <https://doi.org/10.1242/jeb.249406>

- ***Knight, K. (2018).** Decisive sea otters distinguish differences by touch. *Journal of Experimental Biology*, **221**(18): jeb188862 <https://doi.org/10.1242/jeb.188862>
- ***Kuhn, R. and W. Meyer, W. (2010).** A note on the specific cuticle structure of wool hairs in otters (Lutrinae). *Zoological Science*, **27**(10): 826-829. <https://doi.org/10.2108/zsj.27.826>
- ***Larson, S.E. and J.L. Bodkin. (2015).** The conservation of sea otters: A prelude. pp:1-17. In: **Larson, S.E., J.L. Bodkin, and G.R. VanBlairicom. (eds.)** *Sea Otter Conservation*, Academic Press. <https://doi.org/10.1016/B978-0-12-801402-8.00001-9>
- ***Larson, S.E., K. Ralls, and H. Ernest. (2015).** Sea otter conservation genetics. pp 97-120. In: **Larson, S.E., J.L. Bodkin, and G.R. VanBlairicom. (eds.)** *Sea Otter Conservation*, Academic Press. <https://doi.org/10.1016/B978-0-12-801402-8.00005-6>
- ***Lee, O.A., P. Olivier, R. Wolt, R.W. Davis, and F. Weltz. (2009).** Aggregations of sea otters (*Enhydra lutris kenyoni*) feeding on fish eggs and kelp in Prince William Sound, Alaska. *The American Midland Naturalist*, **161**(2): 401-405. <https://doi.org/10.1674/0003-0031-161.2.401>
- ***Lindsay, D.S., N.J. Thomas, and J.P. Dubey. (2000).** Biological characterization of *Sarcocystis neurona* isolated from a southern sea otter (*Enhydra lutris nereis*). *International Journal for Parasitology*, **30**(5): 617-624. [https://doi.org/10.1016/S0020-7519\(00\)00034-5](https://doi.org/10.1016/S0020-7519(00)00034-5)
- ***Livingstone, B., (2014).** Sea otters of Haida Gwaii: Icons in human-ocean relations. *Zoological Journal of the Linnean Society*, **71**(1): 229-230. <https://doi.org/10.1111/zoj.12125>
- ***Lyon, S.N., J.A. Tomoleoni, J.L. Yee, J.A. Fujii, and N.M. Thometz. (2024).** Foraging ecology of southern sea otters at the northern range extent informs regional population dynamics. *Endangered Species Research*, **54**: 383-394. <https://doi.org/10.3354/esr01348>
- ***McEntire, M.S., K.N. Tang, M.R. O'Connor, and M. Haulena. (2024).** The management of *Lymphoproliferative* neoplasia in four northern sea otters (*Enhydra lutris kenyoni*). *Journal of Zoo and Wildlife Medicine*, **55**(2): 511-520. <https://doi.org/10.1638/2022-0096>
- ***Monson, D.H., R.L. Taylor, G.V. Hilderbrand, J.A. Erlenbach, H.A. Coletti, K.A. Kloecker, G.G. Esslinger, and J.L. Bodkin. (2023).** Brown bear–sea otter interactions along the Katmai coast: Terrestrial and nearshore communities linked by predation. *Journal of Mammalogy*, **104**(1): 171-183. <https://doi.org/10.1093/jmammal/gyac095>
- ***Monson, D.H. (2021).** Sea otter predator avoidance behavior. In: **Davis, R.W. and A.M. Pagano. (eds.)**. *Ethology and Behavioral Ecology of Sea Otters and Polar Bears*. *Ethology and Behavioral Ecology of Marine Mammals Series: B. Wursig (ed.)*. Springer, Cham. https://doi.org/10.1007/978-3-030-66796-2_9
- ***Pearson, H.C. and R.W. Davis. (2021).** Reproductive Behavior of Male Sea Otters. In: **R.W. Davis and A.M. Pagano. (eds.)**. *Ethology and Behavioral Ecology of Sea Otters and Polar Bears*. *Ethology and Behavioral Ecology of Marine Mammals Series: B. Wursig (ed.)*. Springer, Cham. https://doi.org/10.1007/978-3-030-66796-2_6
- ***Popov, I. and A. Iurmanov, A. (2024).** Recent surveys of the sea otter (*Enhydra lutris*) population on Kuril Islands. *Pacific Conservation Biology*, **30**. <https://doi.org/10.1071/PC24026>

R

- ***Reynolds, E. (2024).** Sea Otter Interactions with mariculture oyster farms. M.S. Marine Biology. *University of Alaska Fairbanks*. <http://hdl.handle.net/11122/15542>
- ***Riordan, K., A.E. Dean, S.J. Kerr, N.M. Thometz, F.I. Batac, and H.E.M. Liwanag. (2024).** A novel comparison of southern sea otter (*Enhydra lutris nereis*) fur buoyancy across ontogeny. *Journal of Experimental Biology*, **227**(17): jeb247134. <https://doi.org/10.1242/jeb.247134>
- ***Riordan, K., A.E. Dean, P. Adema, N.M. Thometz, F.I. Batac, and H.E.M. Liwanag. (2023).** Ontogenetic changes in southern sea otter (*Enhydra lutris nereis*) fur morphology. *Journal of Morphology* 2023: e21624. <https://doi.org/10.1002/jmor.21624>
- ***Riordan, K., N.M. Thometz, F.I. Batac, T.E. Nicholson, and H.E.M. Liwanag. (2023).** Effects of ontogeny and oiling on the thermal function of southern sea otter (*Enhydra lutris nereis*) fur. *Conservation Physiology* 11(1): coad095. <https://doi.org/10.1093/conphys/coad095>
- ***Robinson, A.L., E.A. Elliott Smith, A.C. Besser, and S.D. Newsome. (2024).** Tissue-specific carbon isotope patterns of amino acids in southern sea otters. *Oecologia*, **204**(1): 13-24. <https://doi.org/10.1007/s00442-023-05505-8>

- ***Roffler, G.H., C.E. Eriksson, J.M. Allen, and T. Levi. (2023).** Recovery of a marine keystone predator transforms terrestrial predator-prey dynamics. *Proceedings of the National Academy of Sciences*, **120**(5): p.e2209037120. <https://doi.org/10.1073/pnas.2209037120>
- ***Schwaner, M.J. (2024).** Tool use helps otters to save teeth. *Journal of Experimental Biology*, **227**(15). <https://doi.org/10.1242/jeb.246616>
- * **Silberstein, M. (2022).** The Trophic Cascade of Elkhorn Slough: A surge in the sea otter population has positively impacted the ecosystem of this tidal embayment. *Natural History*, **130**(2). <https://link.gale.com/apps/doc/A696486580/AONE?u=anon~c78a5d06&sid=bookmark-AONE&xid=c3b11b75>
- ***Tseng, Z.J., C. Grohé, and J.J. Flynn. (2016).** A unique feeding strategy of the extinct marine mammal *Kolponomos*: Convergence on sabretooths and sea otters. *Proceedings of the Royal Society of Biological Sciences*, **283**(1826): p.20160044. <https://doi.org/10.1098/rspb.2016.0044>
- ***Williams, T.D. and F.H. Kocher. (1978).** Comparison of anesthetic agents in the sea otter. *Journal of the American Veterinary Medical Association*, **173**(9): 1127-1130. <https://pubmed.ncbi.nlm.nih.gov/738930/>
- ***White, T. and P. Raimondi. (2024).** Diverse knowledge systems for the examination of localized dynamics of sea otters and abalone populations in Sitka Sound, Alaska. North Pacific Research Board Project#2115 FINAL REPORT. <http://dx.doi.org/10.13140/RG.2.2.19477.13284>
- ***Zagrebelniy, S.V.(2014).** The Commander population of sea otter *Enhydra lutris*: History of exploitation and recovery, evaluation of modern state. *Izvestiya TINRO*, **179**(4):91-102. (In Russian). <https://doi.org/10.26428/1606-9919-2014-179-91-102>
- ***Zellmer, N.T., Timm-Davis, L.L., Davis, R.W. (2021).** Sea Otter Behavior: Morphologic, Physiologic, and Sensory Adaptations. In: **Davis, R.W., Pagano, A.M. (eds)** *Ethology and Behavioral Ecology of Sea Otters and Polar Bears. Ethology and Behavioral Ecology of Marine Mammals*. Springer, Cham. https://doi.org/10.1007/978-3-030-66796-2_3

DELETIONS

Deleted as Author cited is not the Primary Author and the Correct Citation is already in the Bibliography

Haulena, M. (2012). Gene transcription in sea otters (*Enhydra lutris*): Development of a diagnostic tool for sea otter and ecosystem health. *Molecular Ecology Resources*, **12**(1): 67-74.