

**Otter Information**

**North American  
Coastal Marine Otter  
(*Lontra canadensis*)**

**Bibliography**

**North American Coastal Marine Otter  
(*Lontra canadensis*)**

by

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**Albeke, S.E., N.P. Nibbelink, L. Mu, and D.J. Ellsworth. (2010).** Measuring boundary convexity at multiple spatial scales using a linear “moving window” analysis: An application to coastal river otter habitat selection. *Landscape Ecology*, **25**(10): 1575-1587.

**Albeke, S.E., N.P. Nibberlink, and M. Ben-David. (2015).** Modeling behavior by coastal river otter (*Lontra canadensis*) in response to prey availability in Prince William Sound, Alaska: A spatially- explicit individual-based approach.

**Available at:** *PLOS ONE* **10**(6): e0126208.doi:10.1371/journal.pone.0126208.

- Baldwin, E. (2013).** Activity patterns, behaviors, and population status of the North American river otter (*Lontra canadensis*) in a northeast coastal environment, Martha's Vineyard, Massachusetts. M.S., *Antioch University New England*. Kenne, New Hampshire.
- Blundell, G.M., R.T. Bowyer, and M. Ben-David. (2000).** Effects of found resources on spacing behavior of river Otters: Does forage abundance control home range size. pp.325-333. In: **Eiler, J.H., D.J. Alcorn, and M.R. Ne (eds.).** Proceedings of the Fifteenth International Symposium on Biotelemetry. Wageningen, Netherlands.
- Blundell, G.M. (2001).** Social organization and spatial relationships in coastal river otters: assessing form and function of social groups, sex biased dispersal, and gene flow. Ph.D., *University of Alaska Fairbanks*. Fairbanks, Alaska.
- Blundell, G.M., S.C. Jewett, T.A. Dean, and R.T. Bowyer. (2001).** An experiment of simulated predation: can river otters become food limited in a marine system? pp. 59. In: **Jewett, S.C. (Ed.).** Cold Water Diving for Science. *American Academy of Underwater Sciences, 21st Annual Scientific Diving Symposium*. University of Alaska Sea Grant, AKSG0106, 98 pp.
- Blundell, G. (2002).** Why do river otters inhabiting marine environments live in groups? *The River Otter Journal*, XI(1).
- Blundell, G., M. Ben-David, and R.T. Bowyer. (2002).** Sociality in river otters: Cooperative foraging or reproductive strategies? *Behavioral Ecology*, **13**(1): 134-141.
- Blundell, G.M., M. Ben-David, P. Groves, R.T. Bowyer, and E. Geffen. (2002).** Characteristics of sex biased dispersal and gene flow in coastal river otters: Implications for natural recolonization of extirpated populations. *Molecular Ecology*, **11**(3): 289-303.
- Blundell, G.M., M. Ben-David, P. Groves, R.T. Bowyer, and E. Geffen. (2004).** Kinship and sociality in coastal river otters: Are they related? *Behavioral Ecology*, **15**(5): 705-714.
- Boone, D. (2013).** Seasonal prey of the North American river otter (*Lontra canadensis*) at delta sites. M.S., *California State University East Bay*. Hayward, California.
- Bottini, M. (2019).** The natural recolonization of Long Island, new York by the North American river otter (*Lontra canadensis*).  
**Available at:** [longislandnature.org/2018OtterSurveyReport.pdf](http://longislandnature.org/2018OtterSurveyReport.pdf)
- Bottini, M. (2009).** The status and distribution of the river otter (*Lontra canadensis*) on Long Island, New York. 26 pp.  
**Available at.:** <http://www.peconic.org/>
- Bowyer, R.T., J.W. Testa, and J.B. Faro. (1995).** Habitat selection and home ranges of river otters in a marine environment: Effects of the Exxon Valdez oil spill. *Journal of Mammalogy*, **76**(1): 1-11.
- Buzzell, B., M.M. Lance, and A. Acevedo Gutierrez. (2014).** Spatial and temporal variation in river otter (*Lontra canadensis*) diet and predation on rockfish (Genus *Sebastes*) in the San Juan Islands. *Aquatic Mammals*, **40**(2): 150-161
- Carroll, T., E. Hellwig, and M. Isadore. (2020).** An approach for long-term monitoring of recovering populations of Nearctic river otters (*Lontra canadensis*) in the San Francisco Bay Area, California. *Northwestern Naturalist*, **101**(2): 77-91.
- Chabreck, R., J. Holcombe, G. Linscombe, and N. Kinler. (1982).** Winter food of river otters from saline and fresh environments in Louisiana. *Proceedings of the Annual Conference of the Southeast Association of Fish and Wildlife Agencies*, **36**: 373–383.

- Carroll, T., E. Hellwig, and M. Isadore. (2020).** An approach for long-term monitoring of recovering populations of Nearctic river otters (*Lontra canadensis*) in the San Francisco Bay Area, California. *Northwestern Naturalist*, **101**(2): 77-91.
- Cote, D., R.S. Gregory, and H.M.J. Stewart. (2008).** Size selective predation by river otter (*Lontra canadensis*) improves refuge properties of shallow coastal marine nursery habitats. *Canadian Journal of Zoology*, **86**(11): 1324-1328.
- Cote, D., H.J.M. Stewart, R.S. Gregory, J. Gosse, J.J. Reynolds, G.B. Stenson, and E.H. Miller. (2018).** Prey selection by marine coastal river otters (*Lontra canadensis*) in Newfoundland, Canada. *Journal of Mammalogy*, **89**(4): 1001-1011.
- Cumberland, R.E. and J.M. DeVink. (2017).** Demographic and reproductive characteristics of New Brunswick river otter populations based on 13 years of harvest data. *Canadian Wildlife Biology & Management*, **6**(1): 31-41.
- Dubuc, L. J. (1987).** Ecology of river otters on Mount Desert Island, Maine. M.S., *University of Maine*. Orono, Maine.
- Dubuc, L.J. (1988).** OTTER: Habitat use and food habits. In: **Arthur, S.M. and W.B. Krohn. (1988).** An annotated bibliography of predator research in Maine, 1974-1988. *Maine Agricultural Experimental Station, Technical Bulletin 132*: 13-14.
- Dubuc, L.J., W.B. Krohn, and R.B. Owen Jr. (1990).** Predicting occurrence of river otter by habitat on Mount Desert Island, Maine. *Journal of Wildlife Management*, **54**: 594-599.
- Duffy, L.K., R.T. Bowyer, J.W. Testa, and J.B. Faro. (1994).** Evidence for Recovery of Body Mass and Haptoglobin Values of River Otters Following the Exxon Valdez Oil Spill. *Journal of Wildlife Diseases*, **30**(3): 421-425.
- Duffy, D.C. (1995).** Apparent river otter predation at an Aleutian Island tern colony. *Colonial Water Birds*, **18**(1): 91-92.
- Edwards, T.L. (1983).** River otter abundance, distribution, and habitat use in Louisiana. M.S., *Louisiana State University*. Baton Rouge, Louisiana.
- Elliott, J.E., D.A. Guertin, and J.M.E. Balke. (2008).** Chlorinated hydrocarbon contaminants in feces of river otters from the southern Pacific coast of Canada, 1998–2004. *Science of the Total Environment*, **397**: 58-71.
- Ensminger, A. and G. Linscombe. (1980).** The fur animals, the alligator, and the fur industry in Louisiana. *Louisiana Department of Wildlife and Fish Bulletin*. Pg. 109.
- Faro, J.B., R.T. Bowyer, J.W. Testa, and L.K. Duffy. (1994).** Assessment of injury to river otters in Prince William Sound, Alaska, following the Exxon Valdez oil spill. Exxon Valdez Oil Spill State/Federal Natural Resource Damage Assessment Final Report (Terrestrial Mammal Study Number 3), Alaska Department of Fish and Game, Soldotna, Alaska.
- Fleming, J.W., C.F. Dixon, and J.W. Lovett. (1977).** Helminth parasites of river otters from southeastern Alabama. *The Helminthological Society of Washington*, **44**(2): 131-135.
- Fleming, W.J., C.M. Bunk, G. Linscombe, N. Kinler, and C.J. Stafford. (1985).** PCBs, organochlorine pesticides, and reproduction in river otters from Louisiana. *Proceedings of the Annual Conference of Southeastern Association of Fish and Wildlife Agencies*, **39**: 337-343
- Footit, R.G. and R.W. Butler. (1977).** Predation on nesting glaucous-winged gulls by river otter. *Canadian-Field Naturalist*, **91**:189-190.

- Gaydos, J.K., M.A. Delaney and S. Raverty. (2020).** Causes of Mortality in a Population of Marine-Foraging River Otters (*Lontra canadensis*). *Journal of Wildlife Diseases*: **56**(4): 941-946.
- Guertin, D.A., A.S. Harestad, and J.E. Elliott. (2010).** Summer feeding habits of river otters inhabiting a contaminated coastal marine environment. *Northwest Science*, **84**(1): 1-8.
- Halbrook, R.S. and J.H. Jenkins. (1988).** Cesium-137 levels detected in Georgia otters. *Bulletin of Environmental Contamination and Toxicology*, **41**: 765-769.
- Halbrook, R.S., J.H. Jenkins, P.B. Bush, and N.D. Seabolt. (1994).** Sublethal concentrations of mercury in river otters: Monitoring environmental contamination. *Archives of Environmental Contamination and Toxicology*, **27**(3): 306-310.
- Holcombe, J. (1980).** Winter food habits of the river otter in southern Louisiana. M.S., *Louisiana State University*. Baton Rouge, Louisiana.
- Haskell, S. P. (2006).** First record of a river otter (*Lontra canadensis*) captured on the northeastern coast of Alaska. *Canadian Field-Naturalist*, **120**(2): 235-236.
- Home, W. (1982).** Ecology of river otters (*Lutra canadensis*) in marine coastal environments. M.S., *University of Alaska*. Fairbanks, Alaska.
- Huang, A.C., C. Nelson, D.A. Guertin, and J.E. Elliott. (2017).** Contaminant exposure in marine foraging river otters from Southern Vancouver Island, British Columbia. *2016 Salish Sea Ecosystem Conference, Fate and Effects of Pollutants*.
- Huang, A.C., C. Nelson, J.E. Elliott, D.A. Guertin, C. Ritland, K. Drouillard, K.M. Chang, and H.M. Schwantje. (2018).** River otters (*Lontra canadensis*) “trapped” in a coastal environment contaminated with persistent organic pollutants: Demographic and physiological consequences. *Environmental Pollution*, **238**: 306-316.
- Huang, A.C., C. Nelson, D.A. Guertin, and J.E. Elliott. (2017).** Contaminant exposure in marine foraging river otters from Southern Vancouver Island, British Columbia. *2016 Salish Sea Ecosystem Conference, Fate and Effects of Pollutants*.
- Jackson, M.A., D. Fertland, and J.F. Bergan. (1998).** Recent records of the river otter (*Lutra canadensis*) along the Texas coast. *Texas Journal of Science*, **50**: 243-247.
- Jones, C. (2000).** Investigations of prey and habitat use by the river otter (*Lutra canadensis*) near San Juan Island, Washington. M.S., *Western Washington University*. Bellingham, Washington.
- Kennedy, K. (1968).** River otter feeding on glaucous-winged gull. *Blue Jay*, **29**: 109.
- Klenavic, K., L. Champoux, M. O’Brien, P. Daoust, R. Evans, and H. Evans. (2008).** Mercury concentrations in wild mink (*Mustela vison*) and river otters (*Lontra canadensis*) collected from eastern and Atlantic Canada: Relationship to age and parasitism. *Environmental Pollution*, **156**: 359-366.
- Larsen, D.N. (1983).** Habitats, movements and foods of river otters in coastal southeastern Alaska. M.S., *University of Alaska*. Fairbanks, Alaska.
- Larsen, D.N. (1984).** Feeding habits of river otters in coastal southeastern Alaska. *The Journal of Wildlife Management*, **48**(4): 1446-1452.
- Latch, E.K., D.G. Scognamillo, J.A. Fike, M.J. Chamberlain, and O.E. Rhodes Jr. (2008).** Deciphering ecological barriers to North American river otter (*Lontra canadensis*) gene flow in Louisiana Landscape. *Journal of Heredity*, **99**(3): 265-274.
- Linscombe, R.G. and N. Kinler (1985).** Fur harvest distribution in Louisiana. pp 187-199. In: **Bryan, C.F., P.J. Zwank, and R.H. Chabreck. (eds.).** *Proceedings of the Fourth Coastal*

*Marsh and Estuary Management Symposium. Louisiana State University, Baton Rouge, Louisiana.*

- Modafferi, R. and C.F. Yocum. (1980).** Summer food of river otter in north coastal California lakes. *Northwestern Naturalist*, **61**:38–41.
- Nelson, C.J. (2012).** Contaminant exposure in marine foraging river otters from Victoria, British Columbia, Canada. M.S., *The University of British Columbia*. Vancouver, British Columbia.
- Ott, K.E. (2009).** Recolonization or local reproduction? An assessment of river otter recovery in previously oiled areas of coastal Alaska via noninvasive genetic sampling. M.S. *University of Wyoming*. Laramie, Wyoming.
- Ott, K. and M. Ben-David. (2004).** Estimating river otter abundance and habitat use through coastal latrine site surveys in Kenai Fjords National Park and Prince William Sound, Alaska. *The River Otter Journal*, **XIII**(II): 1 and 3.
- Penland, T. F. and J. M. Black. (2009).** Seasonal variation in river otter diet in coastal northern California. *Northwestern Naturalist*, **90**(3): 233-237.
- Raesley, E.J. (2001).** Progress and status of river otter reintroduction in the United States. *Wildlife Society Bulletin*, **29**(3): 856-862.
- Rock, K.R., E.S. Rock, R.T. Bowyer, and J.B. Faro. (1995).** Degree of association and use of a helper by coastal river otters (*Lutra canadensis*) in Prince William Sound, Alaska. *Canadian-Field Naturalist*, **108**: 367-369.
- Roe, A.M. (2008).** The effect of coastal river otters (*Lontra canadensis*) on the plant community of Prince William Sound, Alaska, M.S., *University of Wyoming*. Laramie, Wyoming.
- Roe, A.M., C.B. Meyer, N.P. Nibblelink, and M. Ben David. (2010).** Differential tree and shrub production in response to fertilization and disturbance by coastal river otters in Alaska. *Ecology*, **91**(11): 3177-3188.
- Russell, A. (2015).** Dietary patterns of *Lontra canadensis* in the Lower Snohomish River Estuary, Washington. *Northwest Science*, **89**(2): 182-187.
- Sager-Fradkin, K. (2009).** Establishing baseline information on river otter use of the lower Elwha River, Olympic Peninsula, Washington. *The River Otter Journal*, **XVIII**(I): 4-5 and 10-11.
- Scognamillo, D.G. (2005).** Temporal and spatial harvest patterns of river otter in Louisiana and its potential use as a bioindicator species of water quality. Ph.D., *Louisiana State University*. Baton Rouge, Louisiana.
- Shannon, J.S. (1989).** Social organization and behavioral ontogeny of otters (*Lutra canadensis*) in a coastal habitat in northern California. *IUCN Otter Specialist Group Bulletin*, **4**: 813.
- Shannon, J.S. (1991) a.** Progress on Californian otter research. *IUCN Otter Specialist Group Bulletin*, **6**: 24-31.
- Shannon, J.S. (1991) b.** Social organization, reproductive behavior, and pup development in a coastal population of otters [*Lontra (=Lutra) canadensis*]. pp. 151-152. In: **Reuther, C. and R. Roechert. (eds.).** *Proceedings of the V. International Otter Colloquium*. Habitat 6, Hankensbuettel, 344 pp.
- Shannon, J.S. (1992).** Progress on California otter research: 1991. *IUCN Otter Specialist Group Bulletin*, **7**: 29-32.
- Shannon, J.C. (1993).** Behaviour of otters in a coastal marine habitat: abstract of a work in progress. *IUCN Otter Specialist Group Bulletin*, **8**: 23-27.

- Shannon, J. S. (1994).** Onset of self-sufficiency in free ranging otters. Abstract of work in progress. Abstract: First Annual Conference. *The Wildlife Society*, p.85.
- Shannon, J.S. (1997).** Social organization of marine coastal otter: Overview of a work in progress, *IUCN Otter Specialist Group Bulletin*, **14**: 26-29. (OSG is digitizing)
- Shannon, J.S. (1998).** Behavioral Development of Otters (*Lutra canadensis*) in a Marine Coastal Habitat. *Proceedings of the VIIth International Otter Colloquium*, Trebon, Czech Republic, Part III. pp. 312-315.
- Shannon, J. S. (1998).** Generational change in affiliation patterns in a society of marine coastal otters (*Lutra canadensis*). *Proceedings of the VIIth International Otter Colloquium*, Trebon, Czech Republic. pp. 316-319.
- Shannon, J.S. (1998c).** Behavior of otters in a marine coastal habitat: Summary of a work in progress. *IUCN Otter Specialist Group Bulletin*, **15**(2): 114-117.
- Shannon, J.S. and S.L. Moore. (1998).** Intrafamilial killings in a marine coastal population of otters (*Lutra canadensis*). *Proceedings of the VIIth International Otter Colloquium*, Trebon, Czech Republic, Part III. P. 320-323.
- Shannon, J.S. (2002).** The origin of the river otter.  
Available at: <https://www.otters.net/origin.html>
- Shannon, J.S. (2005).** Identifying individual otters.  
Available at: <https://www.otters.net/id.html>
- Shannon, J.S. (2007).** J. David Solf-Otter research pioneer.  
Available at: [https://www.otters.net/solf\\_pg1.html](https://www.otters.net/solf_pg1.html).
- Shirley, M.G., R.G. Linscombe, N.W. Kinler, R.M. Knaus, and V.L. Wright. (1988).** Population estimates of river otters in a Louisiana coastal marshland. *Journal of Wildlife Management*, **52**(3): 512-515.
- Spencer, S. (2006).** Looking at the effects of mercury on the northern river otter (*Lutra canadensis*) in southwestern Nova Scotia. *Nova Outdoors*, **15**(2): 9.
- Spencer, S.H., D. Shutler, and M.S. O'Brien, (2011).** Correlates of mercury in female river otters (*Lutra canadensis*) from Nova Scotia, Canada. *Environmental Toxicology and Chemistry*, **30**(8): 1879-1884.
- Stenson, G.B., G.A. Badgero, and H.D. Fisher. (1984).** Food habits of the river otter (*Lutra canadensis*) in the marine environment of British Columbia. *Canadian Journal of Zoology*, **62**(1): 88-91.
- Stenson, G.B. (1985).** The reproductive cycle of the river otter (*Lutra canadensis*) in the marine environment of southwestern British Columbia. Ph.D., *University of British Columbia*. Vancouver, British Columbia.
- Veerbeek, N.A.M., and J.L. Morgan. (1970).** River otter predation on glaucous-winged gulls on Mandarta Island, British Columbia. *The Murrelet*, **52**: 92-95.
- Wainstein, M. F. Koontz, B. Miller, G. Yitalo, B. Anulacion, D. Boyd, P. Thomas, and C. Klutsch. (2018).** River otters of the Green-Duwamish: Biomonitor of ecological health.  
Available at: <https://www.zoo.org/document.doc?id=2325>
- Woolington, J.D. (1984).** Habitat use and movements of river otters at Kelp Bay, Baranof Island, Alaska. M.S., *University of Alaska*. Fairbanks, Alaska.
- Zalewski, J. T. (2011).** Ecological factors influencing stress in northern river otters (*Lutra canadensis*). PhD. *Humboldt State University*. Arcata, California.