

River Otters of South Florida

ROSF



Otter Information

Recent NARO Publications

(Lontra canadensis)

2019-2021

(as of 15 August 2021)

- Allen, J. (2020).** Habitat suitability modeling for *Lontra canadensis* in east Tennessee. M.S., *University of Tennessee at Chattanooga*.
- Anonymous. (2019).** River otters and roadways: Identifying factors leading to otter-vehicle
- Babey, C.N., N. Gantner, C. J. Williamson, I. E. Spendlow, and J.M. Shrimpton. (2020)** Evidence of predation of juvenile white sturgeon (*Acipenser transmontanus*) by North American river otter (*Lontra canadensis*) in the Nechako River, British Columbia, Canada. *Journal of Allied Ichthyology*, **36**(6): 780-784.
- Barocas, A., H.N. Golden, M. Dudenhoeffer, and M. Ben-David. (2020).** Sociality and signaling activity modulate information flow in river otter communication networks. *Behavioral Ecology*, **32**(1): 60-68.
- 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
- Camp, V.L. (2019).** 6th Edition: A Bibliography on the North American river otter (*Lontra canadensis*). *IUCN Otter Specialist Group Bulletin*, **36**(B): 3-68.
- Camp, V.L. (2020).** A Bibliography on the North American River Otter (*Lontra canadensis*). Seventh Edition. *IUCN Otter Specialist Group Bulletin*, **37** (A): 3-71.
- Camp, V.L. (2021).** A Bibliography on the North American River Otter (*Lontra canadensis*). Eighth Edition. *IUCN Otter Specialist Group Bulletin*.
Available At: https://www.iucnosgbull.org/Volume38A/Vol38A_index.html
- 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., H.M.J. Stewart, R.S. Gregory, J. Goose, 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**: 1001-1011.

- Crowley, S. M. and D.P. Hodder. (2019).** Factors influencing exposure of North American river otter (*Lontra canadensis*) and American mink (*Neovison vison*) to mercury relative to a large-scale reservoir. *Ecotoxicology*, 1-11.
- Czaplewski, N. (2020).** The North American river otter (*Lontra canadensis*) as a late Pleistocene fossil from the Canadian river, Oklahoma. *Proceedings of the Oklahoma Academy of Sciences*, **100**: 95-101.
- De Velde, N.V., D.j. Demetrick, and P.J. Duignan. (2019).** Primary pleural squamous cell carcinoma in a free-ranging river otter (*Lontra canadensis*). *Journal of Wildlife Disease*, **55**(3): 728-732.
- Delong, C.M., C. Wright, I. Fobe, K.T. Wilcox, and E. Morrison. (2019).** North American river otters (*Lontra canadensis*) discriminate between 2D objects varying in shape and color. *Learning & Behavior*, **47**(1): 91-104.
- DeLong, C.M. (2020),** What we know about vision in otters: A presentation for World Otter Day. Seneca Park Zoo, Rochester, NY, United States.
- Eccles, K.M., E.S. Littlewood, P.J. Thomas, and H.M. Chan. (2019).** Distribution of organic and inorganic mercury across the pelts of Canadian river otter (*Lontra canadensis*), Scientific Reports. 9, Article Number 3237.
- Egan, D. (2019).** Local scientist, Dr. Heide Island researches residential River Otters-How you can become a citizen scientist and support your neighborhood wildlife. *Admirals Cove Times*, Coupeville, Washington. May 2019.
- 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.
- Grams, K. (2000).** Exhibitory and enrichment of North American otters (*Lontra canadensis*) at the Arizona-Sonora Desert Museum. *Animal Keepers Forum*, **27**(24).
- Guo, G., K.M. Eccles, M. McMillam, P.J. Thomas, H.M. Chan, and A.J. Puolain. (2020).** The gut microbial community structure of the North American river otter (*Lontra canadensis*) in the Alberta oil sands region in Canada: Relationship with local environmental variables and metal body burden. *Environmental Toxicology and Chemistry*. **39**(12): 2516-2526.
- Hanrahan, A.T., A.U. Rutter, C.K. Nielsen, and E.M. Schaubert. (2019).** Spatial ecology of the river otters in a human-modified landscape. *Journal of Mammalogy*, **100**(4): 1327-1339.
- Hotopp, K.P., A.M. Hotopp, and M.R. Gorrell. (2020).** North American river otters followed by piscivorous birds, and a river otter parental distraction display. *Northeastern Naturalist*, **27**, .doi:/o.11656/o45.027.0111.
- Holland, A.M., E.M. Schaubert, C.K. Nelson, and E.C. Helgren. (2019).** River otter and mink occupancy dynamics in riparian systems. *The Journal of Wildlife Management*, **33**(7): 1497-1482.
- Householder H. M. , J. Henry, Bianca Zaffarano, A.J. Gall, B. Nixon, and J.E. Olds. (2021).** Dexmedetomidine, Butorphanol, and Midazolam as a reversible induction protocol in North American river otters (*Lontra canadensis*). *Journal of Zoo and Wildlife Medicine*, **51**(4): 834-840.
- Island, H.D., E. Win. B. Smith, R. Slyngstad, and R. Strack. (In-Review).** Parenting phase and abnormal repetitive behavior among two captive North American river otters (*Lontra*

- canadensis*) seasonal foraging preferences across lacustrine and marine territories of Whibley Island. Washington. *Aquatic Mammals*.
- Island, H.D. (In-Prep).** North American river otters (*Lontra canadensis*).
- Kelly, M. (2020).** Raised by otters. North Coast Journal of Politics, People & Art. September 17, 2020.
- Island, H.D., B. Smith, E.M. Winn, K. Newberry, J. Manfredini, R.J. Slyngstad, and S. Strack. (2021).** A longitudinal study of parenting conditions on two adult, North American river otters (*Lontra canadensis*). Repetitive Behavior. *Journal of Applied Animal Welfare Science*, DOI: 10.1080/10888705.2021.1880906
- Lumkes, R.A., C.C. Day, and P.A. Zollner. (2019).** Behavioral response of the mammalian community to river otter latrine use. *The American Midland Naturalist*, **182**(1): 75-88.
- Malzahn, J., A.J. Caven, and J.D. Wiese. (2020).** Characteristics of a river otter (*Lontra canadensis*) maternal den in the central Platte River Valley, NE. *Transactions of the Nebraska Academy of Sciences*, **40**: 30-38.
- Matt, C.L., C. Mans, M. Pinkerton, and B. Elsmo. (2020).** Splenic T-cell lymphoma in a North American river otter (*Lontra canadensis*). *Open Veterinary Journal*, **55**(3): 728-732.
- Mayer, A. (unknown).** Role of riparian forests and surrounding matrix in functional connectivity of northern river otter (*Lontra canadensis*) populations. USDA: Research, Education & Economics Information System (REEIS). (unable to determine publication year)
- Minter, L.J., K. Ange-van Heugten, C.A. Harms, and M.K. Stoskopf. (2020).** Digestible energy intake and digestive efficiency of human-Managed North American River Otters (*Lontra canadensis*)", *Veterinary Medicine International*, vol. 2020, Article ID 4307456, 7 pages,
- Pearce, K.J. (2019).** The influence of the river otter on aquatic conservation in the greater Yellowstone ecosystem: A socio-ecological approach to evaluating conservation flagships. PhD, *University of Maryland Center for Environmental Sciences*, Cambridge, Maryland.
- Rivera, N.A., S. Totoni, K. Monick , T. Tian, M. L. Green, J. Novakofski, and E.N. Mateus-Pinilla (2019).** A comparison of three methods to evaluate otter latrine activity. *Wildlife Society Bulletin*, **43**(1): 198-207.
- Roberts, N.M., M.J. Lovallo, and S.M. Crimmins. (2020).** River Otter Status, Management, and Distribution in the United States: Evidence of Large-Scale Population Increase and Range Expansion. *Journal of Fish and Wildlife Management*, **11**(2): 279-286.
- Rutter, A.U., A.T. Hanrahan, C.K. Nielsen, and E.M. Schaubert. (2020).** Functionality of a new live-capture device for river otters. *Journal of Fish and Wildlife Management*, **11**(1): 238–244.
- Sanders, C.W. (2019).** Reproductive parameters, heavy metal concentrations, and disease prevalence in North American river otters (*Lontra canadensis*) across North Carolina. M.S., *North Carolina State University*, Raleigh, North Carolina.
- Sanders, C., K. Pacifici, G.R. Hess, and C.S. DePerno. (2020).** Metal contamination of river otters in North Carolina. *Environmental Monitoring and Assessment*, **192**, 146(2020).
- Sanders, C.W., C. Offenbuttel, K. Pacifici, and C.S. DePerno. (2020).** *Leptospira*, *Parvovirus*, and *Toxoplasma* in the North American river otter throughout North Carolina. *Journal of Wildlife Diseases*. DOI: 10.7589/2019-05-129

- Sanders, J-G. (2019).** What can otters tell us about watershed pollution? *Front page of the Everett Herald*, August 20, 2019.
- Serfass, T.L., C.P. Carpenter, and M.D. Triska. (2019).** Monthly variation in scat marking by river otters along Tionesta Creek in northwestern Pennsylvania. *Canadian Wildlife & Management*, **8**(1): 36-44.
- South Dakota Department of Game, Fish and Parks. (2020).** South Dakota river otter management plan, 2020-2029. South Dakota Department of Game, Fish and Parks Wildlife Division Report Number 2020-02, Pierre, South Dakota, USA. 57+ pp.
- Thomas, P.J., E.E. Newell, K. Eccles, A.C. Holloway, I. Indowu, Z. Xia, E. Hassan, G. Tomy, and C. Quenneville. (2021).** Co-exposures to trace elements and polycyclic aromatic compounds (PACs) impacts North American river otter (*Lontra canadensis*) baculum. *Chemosphere*, **265**: 128920
- Thomas, P. (2020).** Impacts of exposure to polycyclic aromatic compounds (PACs) and their alkylate congeners in North American river otter (*Lontra canadensis*) . PhD. Thesis. *University of Ottawa, Ottawa-Carleton Institute of Biology.*
- Walkley, S. (2020).** Regional differences in wild North American river otter (*Lontra canadensis*) behavior and communication. Ph.D. Dissertation. *The University of Southern Mississippi, Hattiesburg, MS.*
- Wegman, J, C. Wright, E. Morrison, T. Rachfal, R. Jimenez, and C.M. DeLong. (2019).** A preliminary investigation of categorization and visual object constancy in North American river otters. Poster presented at the 26th Annual International Conference on Comparative Cognition, Melbourne, FL.

PUBLICATIONS ON WEBSITES

- Anonymous.** (unknown). River otters and roadways: Identifying factors leading to otter-vehicle collisions.
Available At: [Loperena-Aliris_GIS102_Sp2019.pdf](#)
- Anonymous. (2020).** Otter trapping-How to trap. *Directory of Wildlife Education & Directory of Wildlife Experts.*
Available At: [wildlifeanimalcontrol.com/otter/ottertrapping](#)
- Anonymous. (2020).**How to catch an otter. *Directory of Wildlife Education & Directory of Wildlife Experts*
Available At: [wildlifeanimalcontrol.com/ottercatch.html](#)
- Anonymous. (2020).** How to keep otters away: Preventative techniques. *Directory of Wildlife Education & Directory of Wildlife Experts.*
Available At: [wildlifeanimalcontrol.com/otterkeepaway.html](#)
- Anonymous. (2020).** How to kill an otter: With poison or other methods. *Directory of Wildlife Education & Directory of Wildlife Experts.*
Available At: [howtokillwildlife.com/otters.html](#)

- Anonymous. (2020).** Otter repellent: Analysis of types and effectiveness. *Directory of Wildlife Education & Directory of Wildlife Experts*.
Available At: wildlifeanimalcontrol.com/otterrepellent.html
- Anonymous. (2019).** River otters and roadways: Identifying factors leading to otter-vehicle collisions.
Available At: [Loperena-Aliris_GIS102_Sp2019.pdf](#)
- Kusa, B. (2021).** Mashomack musings: No otters but our otters. *Shelter Island Reporter*. Around the Island. 02/18/2021.
Available At: shelterislandreporter.timesreview.com/2021/02/18/mashomack-musings-no-otters-but-our-otters/
- river otter ecology.org. (2019).** River otter (*Lontra canadensis*) monitoring report 2018 Marin County, California.
Available At: riverotterecology.org/wp-content/uploads/2019/03/2018-Monitoring-Report-.pdf
- Lohan, K. and K. McDonald. (2020).** River otters take party pooping to a new level. *Smithsonian Environmental Research Center*.
Available At: <https://www.smithsonianmag.com/blogs/smithsonian-environmental-research-center/2020/07/30/river-otters-take-party-pooping-new-level/>
- Panella, M.J. and S.P. Wilson. (2018).** Delisting proposal for North American river otter (*Lontra canadensis*) in Nebraska. *Nebraska Game and Fish Commission*.
Available At:
http://outdoornebraska.gov/wpcontent/uploads/2018/04/RiverOtter_DelistingProposal.pdf
- Rivera, N.A. and N. Mateus-Pinilla. (2021).** Lessons learned from Illinois river otters. *Wildlife Veterinary Epidemiology Laboratory*.
Available At: illinois.edu/wildlifevetlab/2021/02/10/from-their-environment-to-their-behavior/
- Roberts, N.M., M.J. Lovallo, and S.M. Crimmins. (2020).** River otter status, management, and distribution in the United States: Evidence of large-scale Population Increase and Range expansion. *Journal of Fish and Wildlife Management*. In-Press
Available At: <https://doi.org/10.3996/102018-JFWM-093>
- Unknown. (2020).** NCGI *Lontra canadensis* Annotation Release 100.
Available At: ncbi.nlm.nih.gov/genome/annotation.euk/Lontra_canadensis/100
- Wegman, J., and C.M. DeLong. (2020).** *Can North American river otters (Lontra canadensis) categorize 2D objects?* [Conference presentation]. RIT Undergraduate Research Symposium, Rochester, NY, United States.
Available At: www.youtube.com/watch?v=q3PbkmKArDQ
- Wegman, J., C. Wright, T. Rachfal, J. Morelli, M. Altobelli, T. Bragg, E. Morrison, K. Gunther, and C.M. DeLong. (2020).** *Can North American river otters (Lontra canadensis) categorize 2D objects?* [Poster presentation]. Western New York Undergraduate Psychology Conference, Buffalo, NY, United States.
Available At: wnypsychologyconference.webnode.com

Wolf-Gonzalez, G. A. (2020). Diet of a recently reintroduced river otter (*Lontra canadensis*) population in Taos county, New Mexico. *Theses and Dissertations--Forestry and Natural Resources*. 50.

Available At: uknowledge.uky.edu/forestry_etds/50

22 January 2022