

Giant otter - *Pteronura brasiliensis*

2021 – 2025

Almeida, L. R. D., Alves, M. A., Mastella, A. M. O., Garrett, R., & Pereira, M. J. R. (2023). Neotropical mustelids: fecal metabolome diversity and its potential for taxonomic discrimination. *Integrative Zoology*, 18(3), 518-529.

Aya, C. A., Lasso, C. A., & Trujillo, E. (2022). Predation event on Iguana iguana by *Pteronura brasiliensis* in the mid Tillavá River Basin, Colombia. *IUCN Otter Specialist Group Bulletin*, 39(1), 39-43.

Baptistella, E. T. (2020). Quase famosas (?): As ariranhas como espécie carismática no turismo. *Estudos de Sociologia*, 25(49).

Barocas, A., Farfan, J., Groenendijk, J., Mendoza, J., Silva, J., Mujica, O., ... & Swaisgood, R. R. (2022). Disturbance-specific behavioral responses of giant otters exposed to ecotourism and extractive activities. *Animal Conservation*, 25(1), 15-26.

Barros-Battesti, D. M., André, M. R., Hoppe, E. G. L., Sanches, G. S., Bassini-Silva, R., Calchi, A. C., ... & de Castro Jacinavicius, F. (2023). Noteworthy records of the ticks *Ornithodoros rostratus* and *Amblyomma sculptum* parasitizing *Pteronura brasiliensis* in the central-western region of Brazil, with pathogen investigation notes. *Revista Brasileira de Parasitologia Veterinária*, 33(1), e014523.

Beltrán-Triana, I., Alviz, Á., & Pérez-Albarracín, K. (2025). The return of the giant otter (*Pteronura brasiliensis*) to Tauramena (Casanare, Colombia): relative abundance, distribution, and conservation considerations. *Latin American Journal of Aquatic Mammals*, 20(1), 13-22.

Brereton, J. E., Jones, E. M., McMillan, C., & Perkins, K. (2023). Visitors and observers otter-ly influence the behavior and enclosure use of zoo-housed giant otters. *Zoo Biology*, 42(4), 509-521.

Brum, S., Rosas-Ribeiro, P., Amaral, R. D. S., de Souza, D. A., Castello, L., & da Silva, V. M. F. (2021). Conservation of Amazonian aquatic mammals. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 31(5), 1068-1086.

Cook, P., Hawes, J. E., Campos-Silva, J. V., & Peres, C. A. (2022). Human-wildlife conflicts with crocodilians, cetaceans and otters in the tropics and subtropics. *PeerJ*, 10, e12688.

Cook, P., Hawes, J. E., Campos-Silva, J. V., & Peres, C. A. (2022). Human-wildlife conflicts with crocodilians, cetaceans and otters in the tropics and subtropics. *PeerJ*, 10, e12688.

Damasceno, J. D. S., Shiraiwa, M. C. S., & Dalponte, J. C. (2021). Characterization of shelters of the giant otter (*Pteronura brasiliensis*, Mammalia, Carnivora, Mustelidae) in the pantanal wetlands, state of Mato Grosso, Brazil. *Papéis Avulsos de Zoologia*, 61, e20216162.

Damasceno, J. D. S., Shiraiwa, M. C. S., & Dalponte, J. C. (2021). Characterization of shelters of the giant otter (*Pteronura brasiliensis*, Mammalia, Carnivora, Mustelidae) in the

pantanal wetlands, state of Mato Grosso, Brazil. *Papéis Avulsos de Zoologia*, 61, e20216162.

Foerster, N., Soresini, G., Paiva, F., Silva, F. A. D., Leuchtenberger, C., & Mourão, G. (2022). First report of myiasis caused by *Cochliomyia hominivorax* in free-ranging giant otter (*Pteronura brasiliensis*). *Revista Brasileira de Parasitologia Veterinária*, 31(4), e009522.

Foerster N, Soresini G, Leuchtenberger C, Bócoli, D. de A., Paiva, J de B., Brait, C. H. H., Mourão, G. (2025). Pervasive mercury contamination of a semi-aquatic apex predator across the Pantanal wetland. Environmental Conservation. Published online 2025:1-6. doi:10.1017/S0376892925100155

Friedmann, M., Burkevica, A., Lagerström, L., Gustafsson, J., Johnsson, J., Lundgren, P., & Clauss, M. (2023). Activity budget and behaviour of giant otters *Pteronura brasiliensis* at Parken Zoo, Eskilstuna, Sweden. *Journal of Zoo and Aquarium Research*, 11(4), 356-365.

Fujita, E. S., De Mello, D. M. D., Do Nascimento Filho, A. R., Fonseca-Alves, C. E., Tochetto, C., & Rosas, F. C. W. (2024). METASTATIC MAMMARY GLAND CARCINOMA IN A GIANT OTTER (*Pteronura brasiliensis*).

Furtado, M., de Almeida Rodrigues, L., Teixeira, R. H. F., & Marmontel, M. (2021). Guidelines for collection of biological samples for giant otters (*Pteronura brasiliensis* Gmelin, 1788) and Neotropical otters (*Lontra longicaudis* Olfers, 1818). *Latin American Journal of Aquatic Mammals*, 16(1), 54-60.

Garbino, G. S., Siciliano, S., Nascimento, F. O. D., Melo, F. R. D., Feio, R. N., Lessa, G., ... & Gonçalves da Silva, L. (2022). Reconstructing the historical distribution and local extinction of the giant otter *Pteronura brasiliensis* in the Atlantic Forest of South America. *Aquatic conservation: marine and freshwater ecosystems*, 32(7), 1184-1194.

Garrote, G., Castañeda, B., Escobar, J. M., Pérez, L., Marín, B., Terán, J., & Trujillo, F. (2021). Giant otter *Pteronura brasiliensis* density and abundance in Llanos Orientales de Colombia in the Orinoco basin. *Oryx*, 55(5), 779-782.

Gonchoroski, G. Z., Martin, A., Raphael, G., Rodrigues, L. A., Furtado, M. M., Mourão, G. M., ... & LEUCHTENBERGER, C. (2025). Intergroup conflict and myiasis-induced mortality in a giant otter from the brazilian pantanal: implications for population conservation. *Group Bull*, 42(2), 63-70.

Groenendijk, J., Recharte, M., Auccacusi Choque, L. V., Silva, J., Mendoza, J., & Bowler, M. (2025). Conservation status of the Giant Otter (*Pteronura brasiliensis*) in Peru.

Junior, O. C., Birolo, A. B., Sabbagh, A., & Schmidt, A. (2022). Giant Otters (*Pteronura brasiliensis*) at the Aquidauana River. *IUCN Otter Spec. Group Bull*, 39(3), 147-159.

Leles, B., Georgiadis, G., Susana, T., Kaczmarek, N., Brandão, R., & Campello, S. (2022). Group dynamics and habitat use of the Giant Otter, *Pteronura brasiliensis* (Zimmermann, 1780), in seasonally flooded forest in the Araguaia River, Central Brazil: A 10-years study. *bioRxiv*, 2022-01.

Leuchtenberger, C., Di Martino, S., Distel, A., Greco, M., Longo, M., & Duplaix, N. (2023). New Confirmed Records of the Giant Otter (*Pteronura brasiliensis*, Gmelin, 1788) in Argentina. *IUCN Otter Spec. Group Bull.*, 40(3), 131-133.

Leuchtenberger, C., Rodrigues, L. A., Martin, A., & Tortato, F. (2025). Challenges for giant otter conservation in the land of jaguars. *Oryx*, 1-1.

Moraes, C. G., Hegg, J., Giarrizzo, T., & Andrade, M. C. (2021). Feeding behavior and trophic niche partitioning between co-existing river otter species. *Hydrobiologia*, 848(18), 4167-4177.

Moraes, C. G., Hegg, J., Giarrizzo, T., & Andrade, M. C. (2021). Feeding behavior and trophic niche partitioning between co-existing river otter species. *Hydrobiologia*, 848(18), 4167-4177.

Morgan, J., Belanger, M., & Witnich, C. (2023). Reported Worldwide Otter Attacks on Humans over the Last Decade (2011-2021): Dictated by Human Encroachment or Otter Behavior. *IUCN Otter Specialist Group Bulletin*, 40(2).

Norris, D., & Michalski, F. (2023). Human disturbances and the daytime activity of sympatric otters along equatorial Amazonian rivers. *PeerJ*, 11, e15742.

Norris, D., & Michalski, F. (2024). Carnivore coexistence without competition: giant otters are more nocturnal around dens than sympatric neotropical otters. *PeerJ*, 12, e17244.

Perin, P. P., Leuchtenberger, C., Furtado, M. M., Rodrigues, L. D. A., Soresini, G., Foerster, N., ... & Lux Hoppe, E. G. Parasitological evaluation of the Neotropical otter *Lontra longicaudis* and the giant otter *Pteronura brasiliensis*: swimming in little-known waters before it is too late. *Frontiers in Mammal Science*, 4, 1678138.

Pinto, M. H. B., Braga, T. R. C., Blume, G. R., Oliveira, L. B. D., Chagas, N. T. C. D., Souza, F. R., ... & Sant'Ana, F. J. F. D. (2023). Metastatic exocrine pancreatic adenocarcinoma in a giant otter (*Pteronura brasiliensis*). *Acta Veterinaria Hungarica*, 71(1), 41-45.

Quéméré, E., Aucourd, M., Troispoux, V., Brosse, S., Murienne, J., Covain, R., ... & Galan, M. (2021). Unraveling the dietary diversity of Neotropical top predators using scat DNA metabarcoding: A case study on the elusive Giant Otter. *Environmental DNA*, 3(5), 889-900.

Raffo, D. C. D., Norris, D., Hartz, S. M., & Michalski, F. (2022). Anthropogenic influences on the distribution of a threatened apex-predator around sustainable-use reserves following hydropower dam installation. *PeerJ*, 10, e14287.

Raffo, D. C. D., Norris, D., Hartz, S. M., & Michalski, F. (2022). Anthropogenic influences on the distribution of a threatened apex-predator around sustainable-use reserves following hydropower dam installation. *PeerJ*, 10, e14287.

Recharte, M., Lee, P., Meza, D., Vick, S. J., & Bowler, M. (2024). Perceptions and reality in fisher coexistence with aquatic predators in the Peruvian Amazon. *Animal Conservation*, 27(4), 566-579.

Ribeiro, V. L., Kokubun, H. S., Riva, H. G., Nemer, V. C., Bianchi, M. V., da Costa, A. L. M., & Teixeira, R. H. F. (2023). Congenital renal hypoplasia and contralateral kidney failure in a giant otter (*Pteronura brasiliensis*) ex situ in Southeastern Brazil.

Rojano, C., & Rincón-Rivera, S. (2021). Mamíferos de las Reservas Naturales de la Sociedad Civil de Altagracia, Casanare, Colombia. *Caldasia*, 43(2), 400-403.

Santos, E., Cordova, M., Rosa, C., & Rodrigues, D. (2022). Hotspots and season related to wildlife roadkill in the Amazonia–Cerrado transition. *Diversity*, 14(8), 657.

Schiaffini, M. I. (2022). Distribution patterns of south American mustelids (Carnivora: Mustelidae). *Journal of Mammalogy*, 103(4), 900-919.

Silva, D. S., Ribeiro, M. V., & Soares, F. H. (2021). Medium and large-sized mammals of a private protected wetland in the Cerrado-Amazon biological corridor, Brazil. *Brazilian journal of biology*, 83, e243666.

Soresini, G., da Silva, F. A., Leuchtenberger, C., & Mourão, G. (2021). Total mercury concentration in the fur of free-ranging giant otters in a large Neotropical floodplain. *Environmental Research*, 198, 110483.

Sousa-Lima, R. S., Almeida, S., Laurentino, I., & Leuchtenberger, C. (2025). Otter Sounds 6. *Marine Mammal Acoustics in a Noisy Ocean*, 441.

Valladares, N. A., Pardo, A. A., Chiaverini, L., Groenendijk, J., Harrington, L. A., Macdonald, D. W., ... & Barocas, A. (2022). High-resolution drone imagery reveals drivers of fine-scale giant otter habitat selection in the land-water interface. *Conservation Science and Practice*, 4(12), e12786.

Wallace, R. B., Reinaga, A., Groenendijk, L., Leuchtenberger, C., Hoops, H., Auccacusi Choque, L. V., ... & Zambrana, V. (2025). Assessing an aquatic icon: a range wide priority setting exercise for the Giant Otter (*Pteronura brasiliensis*).