Abra, FD, Huijser, MP, Pereira, CS & Ferraz, KM. 2018. How reliable are your data? Verifying species identification of road-killed mammals recorded by road maintenance personnel in São Paulo State, Brazil. *Biological Conservation* 225:42-52. https://doi.org/10.1016/j.biocon.2018.06.019

Aguirre LF, Tarifa T, Wallace RB, Bernal N, Siles L, Aliaga-Rossel E & Salazar-Bravo J. 2019. Lista actualizada y comentada de los mamíferos de Bolivia. *Ecología en Bolivia* 54(2):107-147.

Albuquerque R & Barretto MP. 1970. Studies on the sylvan reservoirs and vectors of Trypanosoma cruzi. XLIV: natural infection of the fox, *Dusicyon* (*Lycalopex*) *vetulus* (Lund, 1842) by *T. cruzi*. *Revista do Instituto de Medicina Tropical de Sao Paulo* 12(6):375-382.

Almeida GG, Cscarelli D, Melo MN, Melo AL, & Pinto HA. 2016. Molecular identification of *Spirometra* spp. (Cestoda: Diphyllobothriidae) in some wild animals from Brazil. *Parasitology International* 65:428-431. https://doi.org/10.1016/j.parint.2016.05.014

Antunes AC, Montanarín A, Gräbin DM, dos Santos EC, de Pinho F, Alvarenga GC et al. 2022. AMAZONIA CAMPTRAP: A data set of mammal, bird, and reptile species recorded with camera traps in the Amazon Forest. *Ecology* 103(9): e3738. https://doi.org/10.1002/ecy.3738

Bardeleben C, Moore RL, & Wayne RK. 2005. Isolation and Molecular Evolution of the Selenocysteine tRNA (*Cf TRSP*) and RNase P RNA (*Cf RPPH1*) Genes in the Dog Family, Canidae. *Molecular Biology and Evolution* 22(2):347-359. https://doi.org/10.1093/molbev/msi022

Beisiegel B de M. 2017. Cumulative environmental impacts and extinction risk of Brazilian carnivores. *Oecologia Australis* 21(3):350-360. https://doi.org/10.4257/oeco.2017.2103.11

Bernardi F, Nadin-Davis SA, Wandeler AI, Armstrong J, Gomes AAB, Lima FS, Nogueira FRB, & Ito FH. 2005. Antigenic and genetic characterization of rabies viruses isolated from domestic and wild animals of Brazil identifies the hoary fox as a rabies reservoir. *Journal of General Virology* 86:3153-3162. https://doi.org/10.1099/vir.0.81223-0

Bickley SM, Lemos FG, Gilmore MP, Azevedo FC, Freeman EW, & Songsasen N. 2019. Human perceptions of and interactions with wild canids on cattle ranches in central Brazil. *Oryx*:1-8. https://doi.org/10.1017/S0030605318000480

Bidau CJ & Martinez PA. 2016. Sexual size dimorphism and Rensch's rule in Canidae. *Biological Journal of the Linnean Society* 119(4):816-830. https://doi.org/10.1111.bij.12848

Bocchiglieri, A, Mendonça, AF & Henriques, RPB. 2010. Composition and diversity of medium and large size mammals in the Cerrado of Central Brazil. *Biota Neotropica* 10(3):169-176.

Bossi MAS, Migliorini RP, Santos TG, & Kasper CB. 2019. Comparative tropic ecology of two sympatric canids in the Brazilian Pampa. *Journal of Zoology* 307(3):245-222. https://doi.org/10.1111/jzo.12636

Brocardo CR, Pereira V, Mendes H & da S. Delgado LE. 2020 New Records for the Pampas fox in the Atlantic forest. *Canid Biology & Conservation* 22(5):18-20. http://www.canids.org/CBC22/Pampas_fox_in_Atlantic_forest.pdf

Candeias ÍZD, da Motta Lima CF, Lemos FG, Spercoski KM, de Oliveira CA, Songsasen N, & de Barros Vaz Guimarães MA. 2020. First assessment of hoary fox (*Lycalopex vetulus*) seasonal ovarian cyclicity by non-invasive hormonal monitoring technique. *Conservation Physiology* 8(1):coaa039. https://doi.org/10.1093/conphys/coaa039

Canel D, Scioscia NP, Denegri GM, & Kittlein M. 2016. Dieta del zorro gris pampeano (*Lycalopex gymnocercus*) en la provincia de Buenos Aires. *Mastozoología Neotropical* 23(2):359-370.

Cañón-Franco WA, Yai LEO, Souza SLP, Santos LC, Farias NAR, Ruas J, Rossi FW, Gomes AAB, Dubey JP & Gennari SM. 2004. Detection of antibodies to Neospora caninum in two species of wild canids, *Lycalopex gymnocercus* and *Cerdocyon thous* from Brazil. *Veterinary parasitology* 123(3-4):275-277. https://doi.org/10.1016/j.vetpar.2004.06.004

Caprioli RA, de Andrade CP, Argenta FF, & Ehlers LP. 2019. Angiostrongylosis in *Cerdocyon thous* (crab-eating fox) and *Lycalopex gymnocercus (*Pampas fox) in southern Brazil. *Parasitology* 146(5):617-624. https://doi.org/10.1017/s0031182018001865

Carnieli Junior P, Fahl WDO, Castilho JG, Brandão PE, Carrieri ML, & Kotait I. 2008. Species determination of Brazilian mammals implicated in the epidemiology of rabies based on the control region of mitochondrial DNA. *Brazilian Journal of Infectious Diseases* 12(6):462-465. https://doi.org/10.1590/s1413-86702008000600002

Caruso N, Lucherini M, Fortin D, & Cassanave EB. 2016. Species-specific responses of carnivores to human-induced landscape changes in central Argentina. *PLoS ONE* 11(3):e0150488. https://doi.org/10.1371/journal.pone.0150488

Caruso N, Luengos Vidal E, Guerisoli M, & Lucherini M. 2017. Carnivore occurrence: do interview-based surveys produce unreliable results? *Oryx* 51(2):240-245. https://doi.org/10.1017/s0030605315001192

Caruso NC, Luengos Vidal EM, Lucherini M, Guerisoli M, Martinez S, & Casanave EB. 2017. Carnivores in the southwest of the province of Buenos Aires: ecology and conflicts with farmers. *Revista de investigaciones Agropecuarias* 43(2):165-174.

Chavez DE, Gronau I, Hains T, Dikow RB, Frandsen PB, Figueiro HV, et al. 2022. Comparative genomics uncovers the evolutionary history, demography, and molecular adaptations of South American canids. PNAS 110(34):e2205986119. https://doi.org/10.1073/pnas.2205986119

Chemisquy MA, Prevosti FA, Martínez PA, Raimondi V, Cabello Stom JE, Acosta-Jamett G, & Montoya-Burgos JI. 2019. How many species of grey foxes (Canidae, Carnivora) are there in southern South America? *Mastozoología Neotropical*. https://doi.org/10.31687/saremMN.19.26.1.0.16

Conti RV, Lane VFM, Montebello L, & Pinto Junio VL. 2016. Visceral leishmaniasis epidemiologic evolution in timeframes, based on demographic changes and scientific achievements in Brazil. *Journal of Vector Borne Diseases* 53:99-104. https://doi.org/10.4103/0972-9062.184819

Costa C & Courtenay O. 2003. A new record of the hoary fox *Pseudolopex vetulus* in north Brazil. *Mammalia* 67(4):593-594. https://doi.org/10.1515/mamm-2003-0416

Courtenay O, Macdonald DW, Gillingham S, Almeida G, & Dias R. 2006. First observations on South America's largely insectivorous canid: the hoary fox (*Pseudalopex vetulus*). *Journal of Zoology* 268:45–54. https://doi.org/10.1111/j.1469-7998.2005.00021.x

Courtenay, O, Santana, EW, Johnson, PJ, Vasconcelos, IAB, & Vasconcelos, AW. 1996. Visceral leishmaniasis in the hoary zorro *Dusicyon vetulus*: a case of mistaken identity. *Transactions of the Royal Society of Tropical Medicine and Hygiene* 90(5):498-502. https://doi.org/10.1016/s0035-9203(96)90293-x

Curi NHDA, Miranda I, & Talamoni SA. 2006. Serologic evidence of Leishmania infection in free-ranging wild and domestic canids around a Brazilian National Park. *Memórias do Instituto Oswaldo Cruz* 101(1):99-101. https://doi.org/10.1590/s0074-02762006000100019

Dalponte JC. 1995. The Hoary Fox in Brazil. *Canid News* 3 (3):23-24. https://canids.org/canidnews/14/Hoary_and_crab-eating_foxes_in_Brazil.pdf

Dalponte JC. 1997. Diet of the hoary fox, *Lycalopex vetulus*, in Mato Grosso, Central Brazil. *Mammalia* 61(4):537-546. https://doi.org/10.1515/mammalia-1997-610406

Dalponte JC. 2003. História natural, comportamento e conservação da raposa-do-campo, *Pseudalopex vetulus* (Canidae). Ph.D. Dissertation. Universidade de Brasília, DF, Brasil.

Dalponte JC. 2009. *Lycalopex vetulus* (Carnivora: Canidae). *Mammalian Species* 847:1-7. https://doi.org/10.1644/847.1

Dalponte JC & Lima E. 1999. Disponibilidade de frutos e a dieta de *Lycalopex vetulus* (Carnivora - Canidae) em um cerrado de Mato Grosso, Brasil. *Brazilian Journal of Botany* 22(Suppl. 2):325-332. https://doi.org/10.1590/s0100-84041999000500015

Dalponte JC & Courtenay O. 2004. Hoary fox *Pseudalopex vetulus* (Lund, 1842). In: *Canids: Foxes, Wolves, Jackals and Dogs. Status Survey and Conservation Action Plan (*Sillero-Zubiri C, Hoffmann M, & Macdonald DW, Editors). IUCN/SSC Canid Specialist Group, Gland Switzerland and Cambridge UK. Pp. 72-76.

Dalponte JC, Lima HS, Klorfine S, & da Luz NC. 2018. Home range and spatial organization by the Hoary Fox *Lycalopex vetulus* (Mammalia: Carnivora: Canidae): response to social disruption of two neighboring pairs. *Journal of Threatened Taxa* 10(6):11703-11709. https://doi.org/10.11609/jott.3082.10.6.11703-11709

Dalponte JC, Oliveira JS, & Lacerda ACR. 2018. Occurrence of *Lycalopex vetulus* (Carnivora, Canidae) in the Cerrado Amazon Forest Ecotone and Pantanal. *Acta Zoológica Platense* 2:1-10.

da Fontoura-Rodrigues, ML, Lima-Rosa, CAV, Tchaicka, L, Valdez, FP, Rodrigues, FH, De Paula, RC, Gough, MP, Johnson, WE, Bonatto, SL & Eizirik, E. 2008. Cross-amplification and characterization of 13 tetranucleotide microsatellites in multiple species of Neotropical canids. *Molecular Ecology Resources* 8(4):898-900. https://doi.org/10.1111/j.1755-0998.2008.02103.x

da Silva MRL, Mattoso CRS, Costa A, Saito ME, Tchaicka L, & O'Dwyer LH. 2018. *Rangelia vitalii* and *Hepatozoon canis* coninfection in pampas fox *Lycalopex gymnocercus* from Santa Catarina State, Brazil. *Revista Brasileira de Parasitologia Veterinária* 27(3):377-383. https://doi.org/10.1590/s1984-296120180018

de Almeida Curi NH, Araújo AS, Campos FS, Lobato ZIP, Gennari SM, Marvulo MFV, Silva JCR, & Talamoni SA. 2010. Wild canids, domestic dogs and their pathogens in Southeast Brazil: disease threats for canid conservation. *Biodiversity and Conservation* 19:3513-3524. https://doi.org/10.1007/s10531-010-9911-0

de Almeida Curi, NH, Brait, CHH, Antoniosi Filho, NR, & Talamoni, SA. 2012. Heavy metals in hair of wild canids from the Brazilian Cerrado. *Biological Trace Element Research* 147(1-3):97-102. https://doi.org/10.1007/s12011-011-9303-7

de Almeida Jácomo AT, Silveira L, & Diniz-Filho JAF. 2004. Niche separation between the maned wolf (*Chysocyon brachyurus*), the crab-eating fox (*Dusicyon thous*) and the hoary fox (*Dusicyon vetulus*) in Central Brazil. *Journal of Zoology* 262:99–106. https://doi.org/10.1017/s0952836903004473

de Carvalho Barros RA, Leonel LCPC, de Carvalho Souza CE, de Oliveira LP, de Oliveira TS, de Oliveira Silva DC, & Silva Z. 2019. Anatomy of Lumbosacral Plexus in Hoary Fox (*Lycalopex vetulus*-LUND, 1842). *International Journal of Advanced Engineering Research and Science* 6(3):197-201. https://doi.org/10.22161/ijaers.6.3.25

de Carvalho JC, Souza FF, Kastelic JP, & Ferreira JCP. 2022. Reproduction in South American wild canids – A review. *Frontiers in Veterinary Science* 9:986030. https://doi.org/10.3389/fvets.2022.986030

de Moura Bubadué J, Cáceres N, dos Santos Carvalho R, & Meloro C. 2016. Ecogeographical variation in skull shape of South American canids: abiotic or biotic processes? *Evolutionary Biology* 43:145-159. https://doi.org/10.1007/s11692-015-9362-3

de Oliveira Avelar I, de Almeida LR, & DElia ML. 2013. Pathological and parasitological findings in a Brazilian hoary fox (*Lycalopex vetulus*, Lund, 1842) infected by *Oslerus osleri* (Cobbold, 1876) (Nematoda: Filaroididae). *Brazilian Journal of Veterinary Pathology*:111-115. https://doi.org/10.24070/bjvp.1983-0246.006019

Di Bitetti MS, Di Blanco YE, Pereira JA, Paviolo A, & Pírez IJ. 2009. Time partitioning favors the coexistence of sympatric crab-eating foxes (Cerdocyon thous) and pampas foxes (*Lycalopex gymnocercus*). *Journal of Mammalogy* 90(2):479-490. https://doi.org/10.1644/08-mamm-a-113.1

Dotto JCP. 1997. Estudo da dieta de *Pseudalopex gymnocercus* (Fischer, 1814) e de *Cerdocyon thous* (Linnaeus, 1766) (Mammalia, Canidae) e sua relação com a mortalidade de cordeiros no Rio Grande do Sul. Master's Thesis. Pontifícia Universidade Católica do Rio Grande do Sul – PUCRS, Porto Alegre, RS, Brazil.

Emmons L, Chavez V, Rocha N, Phillips B, Phillips I, del Águila LF & Swarner MJ. 2006. The non-flying mammals of Noel Kempff Mercado National Park (Bolivia). *Revista Boliviana de Ecología y Conservación Ambiental* 19:23-46.

Evans TG, Vasconcelos IAB, Lima JW, Teixeira JM, McAullife IT, Lopes UG, Pearson RD & Vasconcelos AW. 1990. Canine visceral leishmaniasis in northeast Brazil: assessment of serodiagnostic methods. *The American Journal of Tropical Medicine and Hygiene* 42(2):118-123. https://doi.org/10.4269/ajtmh.1990.42.118

Ferreira-Silva E & Lima E. 2006. Termite predation by the hoary fox, *Pseudalopex vetulus* (Lund) (Carnivora, Canidae), in a pasture in Mato Grosso, Central Brazil. *Mammalia* 70:255-260. https://doi.org/10.1515/mamm.2006.043

Fleischman DA, Chomel BB, Kasten RW, André MR, Gonçalves LR, & Machado RZ. 2015. *Bartonella clarridgeiae* and *Bartonella vinsonii* subsp. *Berkhoffii* exposure in captive wild canids in Brazil. *Epidemiology and Infection* 143(3):573-577. https://doi.org/10.1017/s0950268814001277

Gondim LFP, Soares RM, Osaki SC, Snak A, Grillo LR, Fernandes NLM, & de Carvalho AL. *Hammondia* sp. oocysts shed by a Brazilian fox (*Lycalopex vetulus*) differ from *Hammondia heydorni* and *Hammondia triffittae*. *Parasitology Research* 117:2299-2304. https://doi.org/10.1007/s00436-018-5920-9

Gutiérrez EE, Heming NM, Penido G, Dalponte JC, Lacerda ACR, Moratelli R, de Bubadué JM, da Silva LH, Wolf MM, & Marinho-Filho J. 2019. Climate change and its potential impact on the conservation of the hoary fox, *Lycalopex vetulus* (Mammalia: Canidae). *Mammalian Biology* 98:91-101. https://doi.org/10.1016/j.mambio.2019.08.002

Juarez KM, & Marinho-Filho J. 2002. Diet, habitat use, and home ranges of sympatric canids in central Brazil. *Journal of Mammalogy* 83(4):925-933. https://doi.org/10.1644/1545-1542(2002)083%3C0925:dhuahr%3E2.0.co;2

Kotviski BM, Facure KG, de Azevedo FC, Freitas-Junio MC, & Lemos FG. 2019. Trophic niche overlap and resource partitioning among wild canids in an anthropized neotropical ecotone. *Mastozoología Neotropical* 26(2):368-376. https://doi.org/10.31687/saremmn.19.26.2.0.29

Lemos FG & Facure KG. 2011. Seasonal variation in foraging group size of crab-eating foxes and hoary foxes in the cerrado biome, central Brazil. *Mastozoología Neotropical* 18(2):239-245.

Lemos FG. 2016. Ecologia e conservação da raposa-do-campo (*Lycalopex vetulus*) e interações com canídeos simpátricos em áreas antropizadas do Brasil central. Ph.D. Dissertation. Universidade Federal de Uberlândia, Brasil.

Lemos FG, de Azevedo FC, de Mello Beisiegel B, Jorge RPS, de Paula RC, Rodrigues FHG, & de Almeida Rodrigues L. 2013. Avaliação do risco de extinção da Raposa-do-Campo *Lycalopex vetulus* (Lund, 1842) no Brasil. *Biodiversidade Brasileira* (1): 160-171. https://doi.org/10.37002/biodiversidadebrasileira.v3i1.382

Luppi MM, Malta MCC, Silva TMA, Silva FL, Motta ROC, Miranda I, Ecco R, & Santos RL. 2008. Visceral leishmaniasis in captive wild canids in Brazil. *Veterinary Parasitology* 155:146-151. https://doi.org/10.1016/j.vetpar.2008.04.024

Machado FA. 2020. Selection and constraints in the ecomorphological adaptive evolution of the skull of living Canidae (Carnivora, Mammalia). *The American Naturalist* 196(2): 197-215. https://doi.org/10.1086/709610

Maffei L, Paredes R, Segundo A, & Noss A. 2007. Home range and activity of two sympatric fox species in the Bolivian dry chaco. *Canid News* 10.4 [online]. URL: http://www.canids.org/canidnews/10/Sympatric_foxes_in_Bolivia.pdf

Magalhães HI, Romão FB, Paula YHD, Luz MM, Barcelos JB, Silva Z, Carvalho-Barros RA & Ribeiro LA. 2019. Morfometria do forame mandibular aplicada à anestesia local em raposa-do-campo (*Lycalopex vetulus*). *Pesquisa Veterinária Brasileira* 39(4):278-285.

Martinez PA, Pia MV, Bahechar IA, Molina WF, Bidau CJ, & Montoya-Burgos JI. 2018. The contribution of neutral evolution and adaptive processes in driving phenotypic divergence in a model mammalian species, the Andean fox *Lycalopex culpaeus*. *Journal of Biogeography* 45(5):1114–1125. https://doi.org/10.1111/jbi.13189

Megid J, Teixeira CR, Amorin RL, Cortex A, Heinemann MB, de Paula Antunes JMA, da Costa LF, Fornazari F, Cipriano JRB, Cremasco A, & Richtzenhain LJ. 2010. First identification of canine distemper virus in hoary fox (*Lycalopex vetulus*): pathologic aspects and virus phylogeny. *Journal of Wildlife Diseases* 46(1):303-305. https://doi.org/10.7589/0090-3558-45.2.527

Mehanna M, Ferreira ALS, Ferreira A, da Paz RCR, & Morgado TO. 2018. Histology of the testis and the epididymal ducts from hoary fox *Lycalopex vetulus* (Lund, 1842). *Bioscience Journal* 34(6):1697-1705. https://doi.org/10.14393/bj-v34n6a2018-39395

Nagy-Reis MB, de Faria Oshima JE, Kanda CZ, Palmeira FBL, de Melo FR, Morato RG, et al. 2020. Neotropical Carnivores: a data set on carnivore distribution in the Neotropics. *Ecology* 101(11):e03128. https://doi.org/10.1002/ecy.3128

Nascimento COM, Silva MLCR, Kim PCP, Gomes AAB, Gomes ALV, Maia RCC, Almeida JC, & Mota RA. 2015. Occurrence of *Neospora caninum* and *Toxoplasma gondii* DNA in brain tissue from hoary foxes (*Pseudolopex vetulus*) in Brazil. *Acta Tropica* 146:60-65. https://doi.org/10.1016/j.actatropica.2015.02.016

Olifiers N & Delciellos AC. 2013. New record of *Lycalopex vetulus* (Carnivora, Canidae) in northeastern Brazil. *Oecologia Australis* 17(4):533-537. https://doi.org/10.4257/oeco.2013.1704.08

Oliveira-Filho EF, Júnior JWP, Souza MM, Santana VL, Silva JC, Mota RA, & Sá FB. 2012. Serologic survey of brucellosis in captive neotropical wild carnivores in Northeast Brazil. *Journal of Zoo and Wildlife Medicine* 43(2):384-387. https://doi.org/10.1638/2009-0260.1

Osgood WH. 1934. The genera and subgenera of South American canids. *Journal of Mammalogy* 15(1):45-50. https://doi.org/10.2307/1373896

Ramos VN, Lemos FG, Azevedo FC, Arrais RC, Lima CFM, Candeias IZ, Martins MM, Sandrin ACLG, Siqueira SM, & Szabó MPJ. 2020. Wild carnivores, domestic dogs and ticks: shared parasitism in the Brazilian Cerrado. *Parasitology* 147(6):689-698. https://doi.org/10.1017/S0031182020000335

Rocha EC, Silva E, Feio RN, Martins SV, & Lessa G. 2008. Densidade populacional de raposa-do-campo *Lycalopex vetulus* (Carnivora, Canidae) em áreas de pastagem e campo sujo, Campinápolis, Mato Grosso, Brazil. *Iheringia Serie Zoologia* 98(1):78-83. https://doi.org/10.1590/s0073-47212008000100011

Rocha RS, Martins NB, Rodrigues RD, Gomes LR, Oliveira WJ, Mundim AV, & Santos AQ. 2017. Detecção molecular de *Hepatozoon* spp. em Raposinha-do-campo (*Lycalopex vetulus*) LUND (1842). *Investigação* 16(3).

Romero VL, Kowalewski MM, & Pereira JA. 2025. Habitat use and densities of two sympatric foxes in the Mburucuyá National Park (Iberá Wetlands ecoregion, Argentina) during the winter season. Ecología Austral 35:105-114. https://doi.org/10.25260/EA.25.35.1.0.2405

Santee KM, Oliveira TS, Oliveira TAD, de Oliveira TS, de Almeida Nunes BR, Mesquita DB, Fidale TM, Silva Z, de Carvalho Barros RA & Chacur EP. 2019. Mastication Muscles in Hoary Fox (*Lycalopex vetulus*-LUND, 1842): Descriptive and Comparative Study. *International Journal of Advanced Engineering Research and Science* 6(6):305-313. https://doi.org/10.22161/ijaers.6.6.35

Santos ALQ, Mundim AV, Pereira HC, de Miranda RL, & de Castro JR. 2013. Hepatozoon spp. in a hoary fox (*Lycalopex vetulus*) from Uberlândia, Minas Gerais State, Brazil. *Revista Academica Ciências Agrarias e Ambientais* 11:145. https://doi.org/10.7213/academica.011.002.ao04

Scioscia NP, Olmos L, Gorosábel A, Bernad L, Pedrana J, & Denegri GM. 2018. Natural infection in Pampas fox (*Lycalopex gymnocercus*) by *Lagochilascaris major* Leiper, 1910 (Nematoda: Ascarididae) in Buenos Aires, Argentina. *Parasitology Research* 117(9):3023-3027. https://doi.org/10.1007/s00436-018-5978-4

Scioscia NP, Petrigh RS, Beldomenico PM, & Denegri GM. 2014. The Pampas fox (*Lycalopex gymnocercus*) as new definitive host for *Spirometra erinacei* (Cestoda: Diphyllobothriidae). *Acta Trop*ica 133:78-82. https://doi.org/10.1016/j.actatropica.2014.02.006

Scioscia NP, Beldomenico PM, Petrigh RS, Pierangeli N, & Denegri GM. 2013. Epidemiological studies on Echinococcus in Pampas fox (*Lycalopex gymnocercus*) and European hare (*Lepus europaeus*) in Buenos Aires province, Argentina. *Parasitology Research* 112(10):3607-3613. https://doi.org/10.1007/s00436-013-3548-3

Segura V, Cassini GH, Prevosti FJ, & Machado FA. 2021. Integration or modularity in the mandible of canids (Carnivora: Canidae): a geometric morphometric approach. *Journal of Mammalian Evolution*. https://doi.org/10.1007/s10914-020-09502-z

SERNAP (Servicio Nacional de Áreas Protegidas). 2015. *Plan de manejo Parque Nacional Noel Kempff Mercado.* Asociación Accidental Sociedad Biodiversa-DQ. Santa Cruz, Bolivia. 521pp.

Sillero-Zubiri C, Hoffmann M, & Macdonald DW (Editors). 2004. *Canids: Foxes, Wolves, Jackals and Dogs. Status Survey and Conservation Action Plan*. IUCN/SSC Canid Specialist Group, IUCN, Gland, Switzerland and Cambridge, UK.

Silva DRS, da Silva MD, de Assunção MPB, Chacur EP, de Oliveira Silva DC, de Carvalho Barros RA, & Silva Z. 2018. Anatomy of the abdominal aorta in the hoary fox (*Lycalopex vetulus*, Lund, 1842). *Brazilian Journal of Veterinary Research and Animal Science* 55(4):e146491. https://doi.org/10.11606/issn.1678-4456.bjvras.2018.146491

Smith PD. 2022. Status and distribution of Paraguayan canids. *Canid Biology & Conservation* 25:1-12. http://www.canids.org/CBC/25/Paraguayan_canids.pdf

Tchaicka L, de Freitas TRO, Bager A, Vidal SL, Lucherini M, Iriarte A, Novaro A, Geffen E, Garcez FS, Johnson WE, Wayne RK, & Eizirik E. 2016. Molecular assessment of the phylogeny and biogeography of a recently diversified endemic group of South American canids (Mammalia: Carnivora: Canidae). *Genetics and Molecular Biology* 39(3):442-451. https://doi.org/10.1590/1678-4685-gmb-2015-0189

Voltarelli EM, Arraes SMAA, Lonardoni MVC, Teodoro U & Silveira TGV. 2009. Serological survey for *Leishmania* sp. infection in wild animals from the municipality of Maringá, Paraná State, Brazil. *Journal of Venomous Animals and Toxins including Tropical Diseases* 15(4):732-744. https://doi.org/10.1590/s1678-91992009000400011

Wallace RB, Alfaro F, Sainz L, Ríos-Uzeda B & Noss A. 2010. Canidae. In: *Distribución, Ecología y Conservación de los Mamíferos Medianos y Grandes de Bolivia* (Wallace RB, Gómez H, Porcel ZR & Rumiz DI, Editors). Centro de Ecología Difusión Simón I. Patiño, Santa Cruz de la Sierra, Bolivia. Pp. 367-400.

Weber MN, Mosena ACS, da Silva MS, de Lorenzo C, Olegário JC, Budaszewski RF, Baumbach LF, Soares JF, Sonne L, Varela APM, Mayer FQ, de Oliveira LGS, & Canal CW. 2020. Virome of crab-eating (*Cerdocyon thous*) and pampas fox (*Lycalopex gymnocercus*) from southern Brazil and Uruguay. *Infection, Genetics and Evolution*. 85:104421. https://doi.org/10.1016/j.meegid.2020.104421

Zunino GE, Vaccaro OB, Canevari M, & Gardner AL. 1995. Taxonomy of the genus *Lycalopex* (Carnivora: Canidae) in Argentina. *Proceedings-Biological Society of Washington* 108:729-747.

Zurano JP, Ojeda DS, Bidau CJ, Molina WF, Ledesma MA, & Martinez PA. 2015. A comparison of heterochromatic regions in three species of neotropical canids. *Zoologischer Anzeiger - A Journal of Comparative Zoology* 254:1–7. https://doi.org/10.1016/j.jcz.2014.07.004

Zurano JP, Martínez PA, Canto-Hernandez J, Montoya-Burgos JI, & Costa GC. 2017. Morphological and ecological divergence in South American canids. *Journal of Biogeography* 44:821-833. https://doi.org/10.1111/jbi.12984