References cited in t he draft prospectus July 2024

- 1.UW-Madison Carnivore Coexistence Lab. *Scientific publications*. <u>https://</u> <u>faculty.nelson.wisc.edu/treves/publications.php</u>.
- 2. Sun, P, Bariyanga, JD, & Wronski, T. A literature review of mammalian research respective to the Akagera ecosystem in Rwanda. *Rwanda Journal* **2**, (2018).
- 3. Banamwana, C, Dukuziyaturemye, P, & Rwanyiziri, G. Evaluating the trend in managing human-wildlife conflicts in and around Akagera National Park, Rwanda. *Rwanda Journal of Engineering, Science, Technology and Environment* **4**, (2021).
- 4. Van Meter, PE, *et al.* Non-invasive measurement of fecal estrogens in the spotted hyena (*Crocuta crocuta*). *General and Comparative Endocrinology* **155**, 464–471 (2008).
- 5. Owens, LA, *et al.* VESPA: an optimized protocol for accurate metabarcoding-based characterization of vertebrate eukaryotic endosymbiont and parasite assemblages. *Nature Communications* **15**, 402 (2024).
- 6. Van Meter, PE, et al. Fecal glucocorticoids reflect socio-ecological and anthropogenic stressors in the lives of wild spotted hyenas. Hormones and Behavior **55**, 329–337 (2009).
- 7. Mesas, A, *et al.* Assessing patterns of genetic diversity and connectivity among guanacos (*Lama guanicoe*) in the Bolivian Chaco: implications for designing management strategies. *Studies on Neotropical Fauna and Environment* **58**, 94–103 (2023).
- 8. Tyagi, A, Yadav, N, Pandit, A, & Ramakrishnan, U. On the road to losing connectivity: fecal samples provide genome-wide insights into anthropogenic impacts on two large herbivore species in central India. *Preprint at:* https://doi.org/10.1101/2023.10.26.564122 (2023).
- Dheer, A, et al. DNA metabarcoding reveals limited consumption of livestock and black rhinoceros by spotted hyenas in a prey-rich environment. *Preprint at:* https://doi.org/ 10.1101/2023.10.19.563067 (2023).
- 10. Goller, KV. Pathogens in free-ranging African carnivores. (Humboldt University of Berlin, 2011).
- 11. Flies, AS, *et al.* Development of a hyena immunology toolbox. *Veterinary Immunology and Immunopathology* **145**, 110–119 (2012).
- 12. Treves, A, Bantlin, D, & Uyizeye, E. Post-civil war Rwandan nature restoration: Akagera National Park before and after the reintroduction of the African lion, an apex predator. <u>http://faculty.nelson.wisc.edu/treves/CCC.php</u> (2019).
- 13. Pekor, A, *et al.* Fencing Africa's protected areas: costs, benefits, and management issues. *Biological Conservation* **229**, 67–75 (2019).
- 14. Owen-Ramos, JD, *et al.* Use of fecal DNA to estimate black bear density in an urbanwildland interface. *Wildlife Society Bulletin* **46**, e1347 (2022).
- 15. Di Fiore, A, Link, A, Schmitt, CA, & Spehar, SN. Dispersal patterns in sympatric woolly and spider monkeys: integrating molecular and observational data. *Behaviour* **146**, 437–470 (2009).
- 16. Krücken, J, *et al.* Genetic diversity of vector-borne pathogens in spotted and brown hyenas from Namibia and Tanzania relates to ecological conditions rather than host taxonomy. *Parasites & Vectors* **14**, 328 (2021).
- 17. Green, DS, Johnson-Ulrich, L, Couraud, HE, & Holekamp, KE. Anthropogenic disturbance induces opposing population trends in spotted hyenas and African lions. *Biodiversity and Conservation* **27**, 871–889 (2018).
- 18. Gade, DW. Hyenas and humans in the Horn of Africa. *Geographical Review* **96**, 609–632 (2006).
- 19. Flies, AS, Mansfield, LS, Flies, EJ, Grant, CK, & Holekamp, KE. Socioecological predictors of immune defences in wild spotted hyenas. *Functional Ecology* **30**, 1549–1557 (2016).
- 20. Rwanda Agriculture and Animal Resources Development Board. Black quarter and anthrax vaccination activity. <u>https://www.rab.gov.rw/1-1/news-details/black-quarter-and-anthrax-vaccination-activity</u>.
- 21. Nyatanyi, T, *et al.* Implementing One Health as an integrated approach to health in Rwanda. *BMJ Global Health* **2**, e000121 (2017).

- Boydston, EE, Kapheim, KM, Watts, HE, Szykman, M, & Holekamp, KE. Altered behaviour in spotted hyenas associated with increased human activity. *Animal Conservation* 6, 207– 219 (2003).
- 23. Green, DS, Farr, MT, Holekamp, KE, Strauss, ED, & Zipkin, EF. Can hyena behaviour provide information on population trends of sympatric carnivores? *Philosophical Transactions of the Royal Society B* **374**, 20180052 (2019).
- 24. Kruuk, H. The Spotted Hyena: A Study of Predation and Social Behavior. (University of Chicago Press, 1972).
- 25. McManus, JS, *et al.* Gene flow and population structure of a solitary top carnivore in a human-dominated landscape. *Ecology and Evolution* **5**, 335–344 (2015).
- Grilo, C, Smith, DJ, & Klar, N. Carnivores: struggling for survival in roaded landscapes. In: Handbook of Road Ecology (eds. van der Ree, R, Smith, DJ, & Grilo, C.) 300–312 (John Wiley & Sons, Ltd, 2015).
- 27. Naude, VN, *et al.* Unsustainable anthropogenic mortality disrupts natal dispersal and promotes inbreeding in leopards. *Ecology and Evolution* **10**, 3605–3619 (2020).
- Ogada, MO, Woodroffe, R, Oguge, NO, & Frank, LG. Limiting depredation by African Carnivores: the role of livestock husbandry. *Conservation Biology* 17, 1521–1530 (2003).
- Shrader, AM, Brown, JS, Kerley, GIH, & Kotler, BP. Do free-ranging domestic goats show 'landscapes of fear'? Patch use in response to habitat features and predator cues. *Journal* of Arid Environments 72, 1811–1819 (2008).
- Dickman, A, Marchini, S, & Manfredo, M. The human dimension in addressing conflict with large carnivores. In: *Key Topics in Conservation Biology 2* (eds. Macdonald, DW & Willis, KJ.) 110–126 (John Wiley & Sons, Ltd, 2013).
- 31. Wilkinson, CE, Brashares, JS, Bett, AC, & Kelly, M. Examining drivers of divergence in recorded and perceived human-carnivore conflict hotspots by integrating participatory and ecological data. *Frontiers in Conservation Science* **2**, 681769 (2021).
- 32. Wilkinson, CE, *et al.* Review of the global research on Hyaenidae and implications for conservation and management. *Mammal Review* **54**, 193–212 (2024).