

**CLAYTON K. NIELSEN**  
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### **TERMINAL DEGREE**

2001 Ph.D. in Zoology with emphasis in Wildlife Ecology, Southern Illinois University Carbondale (SIUC). Dissertation title: Habitat use and population dynamics of bobcats in southern Illinois.

### **CURRENT POSITIONS HELD**

- Professor of Wildlife Ecology and Conservation, Forestry Program and Cooperative Wildlife Research Laboratory, SIUC (primary employment)
- Research Associate, Northern Rockies Conservation Cooperative
- Certified Wildlife Biologist®, The Wildlife Society

### **PEER-REVIEWED PUBLICATIONS** (n = 172 total; listed are recent examples)

- Marler, H., J. Xie, D. H. Adams, C. K. Nielsen, Y. Wu, and D. Chen. 2022. Legacy and emerging flame retardants in sharks from the Western North Atlantic Ocean. *Science of the Total Environment* 829 (2022):154330.
- Nanni, A. S. A. J. Giordano, C. K. Nielsen, and M. Lucherini. 2021. Local forest proportion and proximity to large forest patches are important for native mammal conservation in Dry Chaco agroecosystems. *Animal Conservation* 24:876-889.
- Augugliaro, C., S. Anile, B. Munkhtsog, E. Batzorig, C. Janchivlamdan, I. Mazzon, and C. Nielsen. 2021. Activity overlap between mesocarnivores and prey in the Central Mongolian steppe. *Ethology Ecology & Evolution*, <https://doi.org/10.1080/03949370.2021.1975312>.
- Anile, S., S. Devillard, C. K. Nielsen, and M. Lo Valvo. 2021. Anthropogenic threats drive spatio-temporal responses of wildcat on Mt. Etna. *European Journal of Wildlife Research* 67, 50 (2021). <https://doi.org/10.1007/s10344-021-01499-x>.
- Shew, J. J., and C. K. Nielsen. 2021. Differential effects of policy-based management on obligate and facultative grassland birds. *Agriculture, Ecosystems & Environment* 319 (2021) 107411.
- Hillard, E. M., J. C. Crawford, C. K. Nielsen, J. W. Groninger, and E. M. Schaubert. 2021. Hydrogeomorphology influences swamp rabbit habitat selection in a fragmented bottomland hardwood forest ecosystem. *Journal of Wildlife Management* 85:593-601.
- Panait, L. C., A. D. Mihalca, D. Modry, J. Juránková, A. M. Ionică, G. Deak, C. M. Gherman, M. Heddergott, A. Hodžić, F. Veronesi, M. Reichard, E. A. Ziemann, C. K. Nielsen, F. A. Jiménez-Ruiz, and K. Hrazdilová. Three new species of *Cytauxzoon* in European wild felids. 2021. *Veterinary Parasitology* 290:109344.
- Anile, S., E. Greenspan, and C. Nielsen. 2020. Determinants of jaguar occupancy at the northern range edge. *Mammal Research* 65:667-677.
- Greenspan, E., S. Anile, and C. Nielsen. 2020. Density of wild felids in Sonora, Mexico: a comparison of spatially explicit capture-recapture methods. *European Journal of Wildlife Research* 66 (60); DOI:10.1007/s10344-020-01401-1.

### **EXTERNAL GRANTS AND CONTRACTS** (\$13,132,421; listed are recent examples)

Nielsen, C. K., E. M. Schaubert, F. A. Jiménez, and E. Heist. 2014-21. Cooperative furbearing and nongame mammal investigations—river otter, bobcat, striped skunk, armadillo, and eastern woodrat studies.

- Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-135-R. \$2,040,009.
- Nielsen, C. K., and E. M. Schaubert. 2017-19. Analyzing occupancy and co-occupancy of domestic and wild carnivores. U.S. Forest Service. \$145,096.
- Nielsen, C. K. 2016-21. Influence of white-tailed deer on oak and hickory regeneration in a central hardwood forest. McIntire-Stennis Cooperative Forestry Research Program, Project ILLZ-16-R-002. \$143,209.
- Nielsen, C. K., and E. M. Schaubert. 2015-16. Cooperative upland wildlife research and surveys—northern bobwhite study. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-106-R. \$180,000.
- Schauber, E. M., and C. K. Nielsen. 2015-18. Cooperative wildlife research—Illinois deer investigations. Illinois Department of Natural Resources, Federal Aid in Fish and Wildlife Restoration Project W-87-R. \$932,252.
- Nielsen, C. K., and S. G. Baer. 2013-15. REU site: convergence ecology - research experience for undergraduates in ecological diversity across systems and disciplines. National Science Foundation, Program NSF12-569. \$344,742.
- Maurer, D., G. Glowacki, B. Semel, M. Johnson, H. Spaul, J. Miner, D. Rogers, C. Nielsen, and K. Jury. 2013-14. Coastal wetlands restoration project for species of concern, located in the Chiwaukee Illinois Beach Lake Plain. National Fish and Wildlife Foundation. \$874,081.

**COURSES TAUGHT:** Forest Management for Wildlife, Wildlife Habitat and Populations, Natural Resources Inventory, Tropical Rainforest Conservation, Principles of Research, Conservation of Natural Resources, Wildlife-Habitat Relationships

**GRADUATE STUDENTS CURRENTLY ADVISED OR CO-ADVISED** (all at SIUC): 9

**GRADUATE STUDENTS AND POST-DOCTORAL FELLOWS COMPLETED** (all at SIUC): 57

#### **OTHER CREDENTIALS**

- Formerly Director of Graduate Studies, Department of Forestry, SIUC
- Formerly Research Associate, Smithsonian Conservation Biology Institute
- Formerly Director of Scientific Research and Board of Directors, Cougar Network
- Formerly Member, International Union for the Conservation of Nature and Natural Resources (IUCN) Species Survival Commission Cat Specialist Group, Deer Specialist Group, and Lagomorph Specialist Group
- 2014 Outstanding Scholar Award, College of Agricultural Sciences, SIUC
- >650 presentations at professional meetings and invited/guest lectures
- >50 other graduate committees served at SIUC and elsewhere
- Past President, Illinois State Chapter and North Central Section, The Wildlife Society
- Co-organizer, 19<sup>th</sup> Central Hardwood Forest Conference, Carbondale, IL, 2014
- Symposium organizer, wild felid ecology and management symposium, 2009 Midwest Fish and Wildlife Conference
- Symposium organizer, deer ecology and management symposium, The Wildlife Society 2008 Conference
- Symposium organizer, bobcat ecology and management symposium, The Wildlife Society 2000 Conference
- Organizer, 2007 Illinois State Chapter of The Wildlife Society meeting, Moline, IL