**Current Appointment**

*Associate Director* and *Senior Research Associate*, State University of New York, College of Environmental Science and Forestry Adirondack Ecological Center, and

*Roosevelt Adirondack Wildlife Conservationist*, Roosevelt Wild Life Station, SUNY ESF

###### Education

State University of New York, College of Environmental Science and Forestry, Syracuse, NY (2023); PhD, Graduate Program in Environmental Studies, Environmental and Natural Resource Policy.

State University of New York, College of Environmental Science and Forestry, Syracuse, NY (1997); Master of Science in Environmental and Forest Biology

State University of New York at Geneseo, Geneseo, NY (1994); Bachelor of Arts in Biology with a minor in Environmental Studies

##### Additional Professional Experience

*Research Associate,* Adirondack Ecological Center, Newcomb, NY (2004-2023)

*Instructional Support Technician,* Adirondack Ecological Center, Newcomb, NY (2000-2004)

*Conservation Ecologist,* The Nature Conservancy (2000)

*Research Associate,* Virginia Polytechnic Institute and State University (1997-2000)

**Courses Taught**

EFB484/684 Winter Ecology and Winter Mammalian Ecology

EFB498 Research Problems in Environmental and Forest Biology

EFB420 Internship in EFB

**Books**

McNulty, S. and M. Glennon. 2021. Boreal Bird Ecology, Management and Conservation. Edited volume of *Diversity*.

**Selected Publications and Products**

McNulty, S., N. Karniski-Keglovits, C. L. Demers, M. J. Federice and C. T. Palmer. 2022. Long-Term Observation of the Adirondack Ecosystem - Data from the SUNY ESF Newcomb Campus. Adirondack Journal of Environmental Studies 25(1):121-135. https://digitalworks.union.edu/ajes/vol25/iss1/16/

McNulty, S., M. Glennon, and C. Foss. 2021. Boreal Bird Ecology, Management and Conservation. Diversity 13:206.

Pachomski A., S. McNulty, C. Foss, J. Cohen and S. Farrell. 2021. Rusty Blackbird (Euphagus carolinus) foraging habitat and prey availability in New England: implications for conservation of a declining boreal bird species. Diversity 13:99 https://doi.org/10.3390/d13020099.

Nagel, L. D.; McNulty, S. A., Schlesinger, M. D. and Gibbs, J. P. 2021. [Breeding Effort and Hydroperiod Indicate Habitat Quality of Small, Isolated Wetlands for Amphibians Under Climate Extremes](https://link.springer.com/article/10.1007/s13157-021-01404-x.). Wetlands 41:22.

Morales, N., O’Connell, K., McNulty, S., Berkowitz, A., Bowser, G., Giamellaro, M. and Miriti, Maria. 2020. [Promoting inclusion in ecological field experiences: Examining and overcoming barriers to a professional rite of passage](https://esajournals.onlinelibrary.wiley.com/doi/full/10.1002/bes2.1742). Ecological Society of American Bulletin.

Robinson, C. J., S. A. McNulty and V. R. Titus. 2018. [No safe space: prevalence and distribution of *Batrachochytrium dendrobatidis* in amphibians in a highly-protected landscape.](http://www.herpconbio.org/Volume_13/Issue_2/Robinson_etal_2018.pdf) Herpetological Conservation and Biology 13(2):373–382.

Beyond the Disease: [Forest Diversity, Wildlife and The Enduring Role of American Beech](https://www.youtube.com/watch?v=qHqmE2pxngg&feature=youtu.be). S. A. McNulty. Presented to New England Society of American Foresters and Univ. Maine, 2019 and 2020.

Cale, J. A., S. A. McNulty. 2018. Not dead yet: Trees can survive nearly three decades in the aftermath phase of a deadly forest disease complex. For. Eco. and Management 409: 372-377.

McNulty, S. A., D. White, M. Hufty and P. Foster. 2017. The Organization of Biological Field Stations at Fifty. Ecological Society Bulletin 98(4):240-373. DOI: 10.1002/bes2.1349

Beguin, S.J., K.E. Limburg, and S.A. McNulty. 2016. Protecting an Upper Hudson Heritage Lake: Assessing the Need for Fish Barrier Installation at Wolf Lake, Newcomb, NY. Section VI: 1-35 pp. In S.H. Fernald, D.J. Yozzo and H. Andreyko (eds.), Final Reports of the Tibor T. Polgar Fellowship Program, 2015. Hudson River Foundation.

McNulty, S., M. Glennon and M. McCormack. 2015. Rusty Blackbirds in New York State: ecology, current status and future. Adirondack Journal of Environmental Studies 20:87-99.

Luepold, S. B., T. Hodgman, S. McNulty, J. Cohen, and C. Foss. 2015. Habitat selection, nest survival and nest predators of Rusty Blackbirds in northern New England. The Condor: Ornithological Applications 117(4):609-623.

LaMere, C. R., S. A. McNulty and J. E. Hurst. 2013. Human-black bear conflicts are related to mast production in the Adirondack Mountains of New York State. Proceedings of the Eastern Black Bear Workshop 2011.

Cale, J., S. McNulty, S. Teale and J. Castello. 2013. The impact of beech thickets on northern hardwood forest biodiversity. Biol. Invasions 15:699-706. DOI:10.1007/s10530-012-0319-5

Jensen, P.G., C.L. Demers, S.A. McNulty, W. Jakubas, and M.M. Humphries. 2012. Marten and fisher responses to fluctuations in prey populations and mast crops in the northern hardwood forest. Journal of Wildlife Management 76:489-502. DOI: 10.1002/jwmg.322

Beier, C.M., J.A. Stella, M. Dovciak and S.A. McNulty. 2012. Local climatic drivers of changes in

phenology at a boreal-temperate ecotone in eastern North America. Climatic Change 115:399-417. DOI: 10.1007/s10584-012-0455-z.

Brunner, J.L., K.E. Barnett, C. Gosier, S.A. McNulty, M. Rubbo, and M.B. Kolozsvary. 2011. Ranavirus infection in die-offs of vernal pool amphibians in New York, USA. Herpetological Review 42(1):76–79.

Jablonski, K.E., S. A. McNulty, and M. D. Schlesinger. 2010. A digital spot-mapping method for avian field studies. Wilson Journal of Ornithology 122:772–776.

McNulty, S.A., S. Droege, and R.D. Masters. 2008. Long-term trends in breeding birds in an old-growth Adirondack forest and the surrounding region. Wilson J. Ornith. 120:153–158.

McNulty, S. A. and R. D. Masters. 2005. Changes to the Adirondack forest: Implications of beech bark disease on forest structure and seed production. Pages 52-57 in Evans, C.A., J.A. Lucas, and M.J. Twery, eds. Beech Bark Disease: Proceedings of the Beech Bark Disease Symposium. Gen. Tech. Rep. NE-331. Newtown Square, PA. USDA Forest Service, Northern Research Station. 149pp.

Jakubas, W. J., C. R. McLaughlin, P. G. Jensen, and S. A. McNulty. 2005. [Alternate year beechnut production and its influence on bear and marten populations.](http://www.fs.fed.us/ne/newtown_square/publications/technical_reports/pdfs/2005/331papers/jakubas331.pdf) Pages 79-87 i*n* Evans, C.A., J.A. Lucas, and M.J. Twery, eds. Beech Bark Disease: Proceedings of the Beech Bark Disease Symposium. General Technical Report NE-331. Newtown Square, PA. USDA Forest Service, Northern Research Station. 149pp.

McNulty, S. A. 2004. Stitching Together the Patchwork Quilt: Using GIS to Assist the Inventory Portion of the Adirondack Forest Preserve Unit Management Planning Process. Adirondack Journal of Environmental Studies Vol. 11:5-9.

Haulton, S. McNulty, B. A. Rudolph, and W. F. Porter. 2001. Evaluating 4 methods to capture white-tailed deer. Wildlife Society Bulletin 29:255-264.

McNulty, S. A., W. F. Porter, N. E. Mathews, and J. A. Hill. 1997. Localized management for reducing white-tailed deer populations. Wildlife Society Bulletin 25:265-271.

**Select Service**

* Past-President, [Organization of Biological Field Stations](http://www.obfs.org) Board of Directors (2020-2022)
* OBFS President (2018-2020)
* OBFS Secretary (2014-2018)
* OBFS Member-at-large (2012-2013)
* Chair, OBFS Human Diversity Committee (2010-2013)
* Board member, Adirondack Lakes Survey Corporation (2019-present)
* Board member, Northern New York Audubon Society (2014-2019)
* Board member, Adirondack Research Consortium (2009-2015)
* Editor, *Diversity*, Special Issue "[Boreal Bird Ecology, Management and Conservation](https://www.mdpi.com/journal/diversity/special_issues/Boreal_Bird)" (2020)
* Associate Editor, *Adirondack Journal of Environmental Studies* [volume 20](https://digitalworks.union.edu/ajes/vol20/iss1/)*,* and reviewer
* Co-founder, Adirondack All-Taxa Biodiversity Inventory (2006-present)
* Member, ESF Council for Geospatial Modeling and Analysis (2004-present)
* Northeastern Partners in Amphibian and Reptile Conservation (co-leader, Vernal Pool Working Group, 2009-present)
* Reviewer, National Science Foundation Field Stations and Marine Labs panelist and programmatic planning and site review at several field stations

**Select Professional Affiliations**

Organization of Biological Field Stations (Past-President)

Ecological Society of America

The Wildlife Society (national and Spatial Ecology working group)

Northeast Partners in Amphibian and Reptile Conservation

Society of Conservation Biology

**Former Graduate Students, Thesis and Degree Programs**

* Edgerton, M. 2023. Avian Habitat in Managed Northern Hardwood Forests: Effects of Large-Tree Retention and Canopy Cover on Avian Abundance. MS in Ecology
* Pachomski, A. 2017. Foraging habitat characteristics, prey availability, and detectability of Rusty Blackbirds: implications for land and wildlife management in the Northern Forest. MS in Fish and Wildlife Biology and Management
* Robinson, C.J. 2016. Relationship between intensity of recreational land use, elevation, and the distribution and prevalence of the fungal pathogen *Batrachochytrium dendrobatidis*. MS in Conservation Biology
* Beguin, S. 2015. Adirondack soundscapes: Land use and noise effects on boreal wetland avian communities. MS in Conservation Biology
* Alza, C. 2014. Impacts of beaver disturbance on avian species richness and community composition in the central Adirondack Mountains, NY, USA. MS in Conservation Biology.
* McCoy, T. 2014. Diet of the American marten (*Martes americana*) and relationship to small mammal population fluctuations in the Adirondack Mountains of New York. MPS in Conservation Biology
* Buckley, S. 2013. Rusty Blackbirds in northeastern industrial forests: a multi-scale study of nest habitat selection and nest survival. MS in Conservation Biology
* Wilkinson, S. 2013. Density dependence and stochastic variation in overabundant, un-managed white-tailed deer herds of eastern national parks. MS in Fish and Wildlife Biology and Management
* LaMere, C. 2012. Influence of variable mast production on American black bear reproduction and human-black bear conflicts in the Adirondack Mountains of New York State. MS in Fish and Wildlife Biology and Management
* Jablonski, K. 2012. Habitat associations of Adirondack lowland boreal birds at Spring Pond Bog, New York. MS in Conservation Biology
* Snyder, C. 2011. Terrestrial salamanders in the Adirondack Mountains: Feeding ecology and implications of calcium. MS in Conservation Biology