**Current Appointment**

*Associate Director* and *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 (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

*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 Mammalian Ecology – Spring 2010-present

EFB498 Research Problems in Environmental and Forest Biology - present

EFB420 Internship in EFB - present

EFB411 Research Methods: Understanding the Adirondack Ecosystem – Fall 2013

EST404 Synthesizing the Adirondack Park – Fall 2013 (co-taught)

**Selected Publications and Products**

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. Ecological Society of American Bulletin.

<https://esajournals.onlinelibrary.wiley.com/doi/full/10.1002/bes2.1742>

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. S. A. McNulty. Presented to New England Society of American Foresters and Univ. Maine, 2019 and 2020. <https://www.youtube.com/watch?v=qHqmE2pxngg&feature=youtu.be>

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.

Stager, J.C., S. McNulty, C. Beier, and J. Chiarenzelli. 2009. Historical patterns and effects of changes in Adirondack climates since the early 20th century. Adirondack Journal of Environmental Studies 15:14-24.

Allen, E., R. Curran, S. Halasz, J. Barge, S. McNulty, A. Keal, and M. Glennon. 2009. Adirondack GIS: Resources, Wilderness, and Management. Marguerite Madden, ed. Pages 1135-1168 *in* the ASPRS Manual of Geographic Information Systems. American Society of Photogrammetry and Remote Sensing, Bethesda, MD. 1352pp.

Signell, S., B. Zuckerberg, S. McNulty, and W. Porter. 2008. Development of an Adirondack Ecosystem Model. Adirondack Journal of Environmental Studies 15:13-17.

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., C. Milewski, D. Spada, and R. Curran. 2005. The Adirondack All-Taxa Biological Inventory: Surveying Life in the Park. Adirondack Journal of Environmental Studies 12:4-7.

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. 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. http://www.fs.fed.us/ne/newtown\_square/publications/technical\_reports/pdfs/2005/331papers/jakubas331.pdf

Nyland, R. D. and S.A. McNulty. 2004. Journal of Wildlife Management

68:1159-1160. Interpretation of silvicultural terminology in wildlife research and management: The example of Webb et al. (1977).

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 Non-Peer-Reviewed Publications**

McNulty, S. 2017. Phenology: tracking the natural events occurring all around us. New York State Conservationist Magazine, February 2017:24-26. <http://www.dec.ny.gov/docs/administration_pdf/0217consmag4web.pdf>

Langdon, S.F., G.J. Edinger, S. McNulty, E. Snizek and L. Walrath. 2017. Detecting Climate Change in Wetlands in the Adirondack Park: No-Cost Extension 2016. EPA Wetland Program Development Grant CD#96295000. Final Report and Addendum.

<https://www.apa.ny.gov/Research/DetectingClimateChangeAdirondacks_96295000_FinalAddendum_20170321.pdf>

Langdon, S.F., G.J. Edinger, P.B. Hai, S. McNulty, S. Beguin, D. Patrick, E. Snizek and L. Walrath. 2017. Detecting Climate Change in Wetlands in the Adirondack Park: Phase II. Report to US Environmental Protection Agency. <https://www.apa.ny.gov/Research/DetectingClimateChangeAdirondacks_96295000_FinalReport_20170321.pdf>

McNulty, S. Protect the Rusty. Adirondack Explorer Nov/Dec 2015.

Langdon, S. F., G. J. Edinger, P. B. Hai and S. McNulty. 2016. Detecting Climate Change in Wetlands in the Adirondack Park. Quality Assurance Project Plan Phase II CD 96295000. Report to US Environmental Protection Agency.

Beguin, S. and S. McNulty. The Boreal Baker’s Dozen: Northern Birds in Adirondack Wetlands. Adirondack Almanack, 17 March 2014. <http://www.adirondackalmanack.com/2014/03/boreal-bakers-dozen-northern-birds-adirondack-wetlands.html>

Beguin, S. and S. McNulty. 2014. Adirondack Wetlands: A New Citizen Science Monitoring Project. Adirondack Almanack, 26 February 2014. <http://www.adirondackalmanack.com/2014/02/phenological-detective-tracking-adirondack-biological-changes.html>

McNulty, S. Beech Nuts, Mice and Bears. Adirondack Almanack, 29 August 2012.

<http://www.adirondackalmanack.com/2012/08/stacy-mcnulty-beech-nuts-mice-and-bears.html>

McNulty, S. Spring Chorus: Vernal Pools and their Inhabitants. Adirondack Almanack, 18 April, 2011. <http://www.adirondackalmanack.com/2011/04/wetlands-vernal-pools-and-their_19.html>

**Example Press Coverage**

Media articles include: [Adirondack Life](http://www.adirondacklifemag.com/blogs/2018/01/04/day-in-the-life/), [Northeastern States Research Consortium profile](https://nsrcforest.org/researcher/stacy-mcnulty), Adirondack Explorer and a [podcast](https://eastwesthunt.com/2018/10/02/episode-28-forest-ecology-with-stacy-mcnulty-beech-nuts-black-bears-whitetail-deer/).

Living libraries and outdoor laboratories: 1,200 ways to teach your students outside the classroom. Futurum, December 2019. <https://futurumcareers.com/living-libraries-and-outdoor-laboratories-1200-ways-to-teach-your-students-outside-the-classroom>

Long-term ecological research threatened by short-term thinking. 3 June 2019. <https://news.mongabay.com/2019/06/long-term-ecological-research-threatened-by-short-term-thinking/>

##### Select Current Grant Projects (also see [Research](https://www.esf.edu/aec/research/current.htm) and [EDI datasets](https://portal.edirepository.org/nis/home.jsp))

An Ecological Scorecard and Monitoring Framework for the Adirondack Region. McNulty, S. NYS Department of Environmental Conservation. 2/1/19 – 1/31/21.

Initiative in Environmental Data Science. SUNY Discovery Challenge. Shaw, S., H. Green, et al. 7/1/19-6/30/22.

Pathways to a Net Zero Carbon Future. SUNY Discovery Challenge. Drake, J., C. Beier, et al. 7/1/19-6/30/22.

Long-term Outcomes of Beech Bark Disease: 40-Year Results. Kenefic, L., D. Houston, B. Muňoz Delgado, S. McNulty and W. Livingston. US Forest Service. University of Maine Cooperative Forestry Research Unit. 7/1/19-6/30/20.

**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

**Selected 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, Degree Programs and Current Affiliations**

* 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