

CURRICULUM VITAE
CHRISTOPHER NORMENT, Ph.D.

Professor

Department of Environmental Science and Biology
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Education

1992 PhD, Systematics and Ecology, University of Kansas, Lawrence, KS.
1982 M.S., Zoology, Washington State University, Pullman, WA .
1975 B.S., Biology, Southern Oregon State College, Ashland, OR.

Honors and Awards

2000 Fulbright Scholar (alternate)
1998 SUNY Chancellor's Award for Excellence in Teaching
1998-2007 Discretionary Salary Increase Award (teaching or scholarship merit), SUNY Brockport, Brockport.
1994-2004 Scholarly Incentive Awards, SUNY Brockport, Brockport, NY.
1991-1992 Honors, Ph.D. comprehensive exam and dissertation defense, University of Kansas.
1988-1992 Honors Graduate Fellow, University of Kansas.
1975 *Summa cum laude*, Outstanding Graduate, Biology, Southern Oregon State College.

Professional Experience

2005-present Professor, Department of Environmental Science and Biology, State University of New York, College at Brockport, Brockport, NY. Instruct courses in Mammalogy, Animal Behavior, Conservation Biology, Ornithology, Herpetology, Wildlife Ecology, General Ecology.
2004-2005 Consultant, Region 5 US Fish and Wildlife Service; participated in biological reviews of five National Wildlife Refuges (grassland bid and habitat management).
1993-2005 Associate Professor (tenured), and Assistant Professor; Departments of Biological Science and Environmental Science and Biology, State University of New York, College at Brockport.
1990-1993 Lecturer, School of Basic Life Sciences, University of Missouri, Kansas City, MO. Instruct courses in Introductory Biology, Comparative Vertebrate Anatomy.
1992-1993 Adjunct Curator, Museum of Natural History, University of Kansas, Lawrence, KS.
 Data Manager, Kansas Biological Survey, University of Kansas, Lawrence, KS.
1988-1992 Graduate teaching assistant, Division of Biological Sciences, University of Kansas, Lawrence, KS.
1983-1988 Secondary School Science Teacher, Westover School, Middlebury, CT.
1979-1982 Graduate teaching assistant, Department of Zoology, Washington State University, Pullman, WA.
1977-1978 Member, Traverse of the Northwest (expedition in arctic Canada)
1975-1976 Biologist, United States National Park Service, University of Nevada, Las Vegas, NV.

Research Experience

Current Avian community structure, breeding biology, and conservation biology in northeastern grasslands; population biology of *Frasera speciosa* (Gentianacea); reproductive ecology of *Zonotrichia* sparrows; breeding biology of Australian Pipits (*Anthus australis*); spring stopover ecology of Neotropical migrant songbirds; wildlife use of created and natural wetlands.
1989-1991 Comparative breeding ecology of Harris' Sparrows and White-crowned Sparrows in the Northwest Territories, Canada.
1984-1991 Breeding biology of American Pipits, pollination and population biology of *Frasera speciosa*.
1980-1981 Avian community structure in a subalpine forest/alpine tundra ecotone, Wyoming.
1975-1976 Ecology of feral burros, Death Valley National Monument, CA.

Additional Teaching Experience

1983-1988 Director, Outdoor Program, Westover School, Middlebury, CT.
1979-1983 Instructor and Chief Instructor, Pacific Crest Outward Bound School, Portland, OR.
1974 Environmental Education Specialist, Youth Conservation Corps, Ashland, OR

External Funding (recent)

- 2008 New York Natural heritage Program (\$6,609 for research on the dispersal ecology of the cobblestone tiger beetle).
- 2007-2008 New York State Biodiversity Research Institute (\$20,000 for research on shrubland birds in the Lake Ontario Plain)
- 2005-2006 Fish and Wildlife Service (\$28,500 for shrubland bird research)
- 2004 Fish and Wildlife Service (\$5,800 for grassland bird research)
- 2004-2005 New York State Biodiversity Research Institute (\$19,900 for research on grassland birds in the St. Lawrence River Valley)
- 2003-4 New York State Biodiversity Research Institute (\$18,983 for research on grassland birds in the St. Lawrence River Valley)
- 2003 Fish and Wildlife Service (\$15,000 for grassland bird research)
- 2002 Fish and Wildlife Service (\$19,000 for grassland bird research)
- 2002 Biological Study of Irondequoit Bay. (J. M. Haynes, Principal Investigator, \$50,000).
- 2001 Fish and Wildlife Service (\$4,800 for grassland bird research)
- 2001 New York State Department of Environmental Conservation (\$4,900 for wetlands research).
- 2000 Bergen Swamp Preservation Society (\$1,600 for small mammal study in Bergen Swamp)
- 1999 Department of Environmental Conservation (\$3,600 for study on Grasshopper Sparrows)
- 1999 New York State Office of Parks, Recreation and Historic Preservation (\$46,000 for biological inventory of Yanty Creek Marsh, J. Makarewicz, principal investigator).
- 1998-1999 Great Lakes Research Consortium (\$20,000 for stopover ecology research with Dr. T. Donovan of SUNY ESF).
- 1998 Department of Defense, Fort Drum, NY. (\$40,000 for study on breeding biology of Henslow's Sparrow)
- 1997 National Science Foundation Grant: Stressed Stream Analysis: Addressing Real Environmental Problems to Stimulate Undergraduate Science Faculty and Students (J. M. Haynes, Principal Investigator, \$120,000).
- 1997-1998 United States Fish and Wildlife Service Challenge Grants (\$15,500 for grassland bird research)
- 1997-1998 United States Fish and Wildlife Service Challenge Grant (\$14,700 for wetlands research).
- 1994 - 1996 United States Fish and Wildlife Service Challenge Grants (\$24,200 for grassland bird research)
- 1995 - 1998 Department of Environmental Conservation, New York State, (\$2,700 for grassland bird research)
- 1996 Bergen Swamp Preservation Society (\$1,100 for assessment of bog turtle populations)
- 1994 National Science Foundation Grant: Stressed Stream Analysis: Addressing Real Environmental Problems to Stimulate Undergraduate Science Faculty and Students (J. M. Haynes, Principal Investigator, \$113,593).

Peer-reviewed Publications

- Norment, C. J. 2008 (accepted): Killing things. ISLE: The Interdisciplinary Studies in Literature and the Environment.
- McCabe, B. J., I. R. Bederman, C. M. Croninger, C. A. Millward, C. J. Norment and S. F. Previs. 2006. Reproducibility of gas chromatography-mass spectrometry measurements of ²H labeling of water: Application for measuring body composition in mice. *Analytical Biochemistry* 350: 171-176.
- Smith, S. B. and C. J. Norment. 2005. Nocturnal activity and energetic condition of spring landbird migrants at Braddock Bay, Lake Ontario. *Journal of Field Ornithology* 76:304-311.
- Norment, C. J. and K. Green. 2004. Breeding ecology of the Australian Pipit (*Anthus australis*) in the Snowy Mountains. *Emu: Austral Ornithology* 104: 327-336.
- Norment, C. J. 2003. Patterns of nestling feeding in Harris's Sparrows and White-crowned Sparrows in The Northwest Territories, Canada. *Canadian Field-Naturalist* 117: 203-208.
- Balent, K. and C. J. Norment. 2003. Demographic characteristics of a Grasshopper Sparrow (*Ammodramus savannarum*) population in a highly fragmented landscape in western New York. *Journal of Field Ornithology* 74: 341-348.
- Norment, C. J. 2002. Grassland bird conservation in the Northeast. *Auk* 119: 271-279.
- Norment, C. J., C. A. Ardizzone, and K. Hartman. 1999. Habitat relations and breeding biology of grassland birds in western New York: Management Implications. *Studies in Avian Biology* 19: 112-121.
- Ardizzone, C. A. and C. J. Norment. 1999. Experimental analysis of nest predation: Effects of habitat and nest distribution. *Studies in Avian Biology* 19: 122-127.
- Roberts, C. R. and C. J. Norment. 1999. Effects of plot size and habitat characteristics on breeding success of

- Scarlet Tanagers. *Auk* 116:73-82.
- Norment, C. J., A. Hall, and P. Hendricks. 1999. Important bird and mammal records in the Thelon River Valley, Northwest Territories: Range expansions and possible explanations. *Canadian Field-Naturalist* 113: 1-11.
- Norment, C. J., P. Hendricks, and R. Santonocito. 1998. Golden-crowned Sparrow (*Zonotrichia atricapilla*). In *The Birds of North America* (A. Poole and F. Gill, eds.). Philadelphia: The Academy of Natural Sciences.
- Jones, G. and C. J. Norment. 1998. Absence of breeding readiness in Neotropical and long-distance migrant landbirds during spring stopover. *Condor* 100: 373-375.
- Norment, C. J. and M. E. Fuller. 1997. Breeding season frugivory by Harris' Sparrows (*Zonotrichia querula*) and White-crowned Sparrows (*Zonotrichia leucophrys*) in a Low Arctic ecosystem. *Canadian Journal of Zoology* 75: 670-679
- Norment, C. J. 1995. Prebasic (postnuptial) molt in free-ranging Harris' Sparrows in the Northwest Territories, Canada. *Canadian Field-Naturalist* 109:470-472.
- Norment, C. J. 1995. Incubation patterns in Harris' Sparrows and White-crowned Sparrows in the Northwest Territories, Canada. *Journal of Field Ornithology* 66:553-563.
- Norment, C. J. 1994. Breeding site fidelity in Harris' Sparrows in the Northwest Territories, Canada. *Canadian Field-Naturalist* 108:234-236.
- Hendricks, D. P. and C. J. Norment. 1994. Hatchability of American Pipit eggs in the Beartooth Mountains, Wyoming. *Wilson Bulletin* 106: 392-399.
- Norment, C. J. 1993. Nest site characteristics and nest predation in Harris' Sparrows and White-crowned Sparrows in the Northwest Territories, Canada. *Auk* 110: 769-777.
- Norment, C. J., and S. A. Shackelton. 1993. Harris' Sparrow (*Zonotrichia querula*). In *The Birds of North America*, No. 64 (A. Poole and F. Gill, eds.). Philadelphia: The Academy of Natural Sciences.
- Norment, C. J. 1992. The comparative breeding biology of Harris' Sparrows and Gambel's White-crowned Sparrows in the Northwest Territories, Canada. *Condor* 94: 955-975.
- Hendricks, P. and C. J. Norment. 1992. Effects of a severe snowstorm on alpine and subalpine populations of nesting American Pipits. *Journal of Field Ornithology* 63:331-338.
- Norment, C. J. 1991. Bird use of forest patches in the subalpine forest-alpine tundra ecotone of the Beartooth Mountains, Wyoming. *Northwest Science* 65: 1-9.
- Norment, C. J. 1988. The effect of nectar-thieving ants on the reproductive success of *Frasera speciosa* (Gentianacea). *American Midland Naturalist* 120:331-336.
- Norment, C. J. 1987. A comparison of three methods for measuring tundra arthropod abundance and its implications in avian ecology. *Northwest Science* 61:191-198.
- Hendricks, D. P. and C. J. Norment. 1986. Additions to the alpine avifauna of the Beartooth Mountains, Wyoming. *Murrelet* 67:90-92.
- Norment, C. J. 1985. Observations on the annual chronology for birds in the Warden's Grove area, Thelon River, Northwest Territories, 1977-1978. *Canadian Field-Naturalist* 99:471-483.
- Norment, C. J. 1980. Breech presentation of the fetus in a pregnant muskox. *Journal of Mammalogy* 61:776-777.
- Douglas, C. L. and C. J. Norment. 1979. Ecology of feral burros in Death Valley National Monument. Pp. 373-383 in *Proceedings of the first conference on scientific research in the National Parks*. R. M. Linn, ed. US National Park Service, Washington, D. C.
- Douglas, C. L. and C. J. Norment. 1977. Habitat damage by feral burros in Death Valley. *Desert Bighorn Council Transactions* 21:21-25.
- Norment, C. J. and C. L. Douglas. 1977. Ecological studies of feral burros in Death Valley National Monument. *Coop. National Park Studies Unit, University of Nevada, Las Vegas, NV*. 17:1-132.

Abstracts (recent conference presentations)

- Norment, C. J. and M. Morgan. 2003. Breeding biology of grassland birds in western New York: Management implications. *Cooper Ornithological Society 75th Annual Meeting, Flagstaff, AZ*.
- Norment, C. J. 2002. Status of grassland bird research and conservation in the Northeast. *The Northeast Natural History Conference VII, Albany, New York*.
- Norment, C. J., and H. Halbritter. 2001. Suitability of switchgrass (*Panicum*) stands as habitat for grassland birds. *American Ornithologist's Union Annual Meeting, Seattle, WA*.
- Krebs, R., Norment, C. J., and S. Joule. 2001. Breeding ecology of Henslow's Sparrows at Fort Drum, NY. *American Ornithologist's Union Annual Meeting*
- Norment, C. J. 2000. Grassland bird conservation in the Northeast: the problem of temporal scale. *Society for Conservation Biology Annual Meeting, Missoula, MT*.

- Norment, C. J. 2000. Grassland bird conservation in New York: A temporal perspective. New York Natural History Conference VI, Albany, NY.
- Norment, C. J. 1999. Grassland management and its influence on grassland birds. United States Fish and Wildlife Service Region 5 Refuge Biologists. Workshop, National Conservation Training Center, Sheperdstown, WV. (Invited presentation)
- Norment, C. J., A. Hall, and P. Hendricks. 1998. Climate change and avian range expansions in the forest-tundra transition of the Northwest Territories: Difficulties in evaluating alternative hypotheses. North American Ornithological Congress, St. Louis, MO.
- Jones, G. A and C. J. Norment. 1998. Stopover of Neotropical and temperate landbird migrants on the south shore of Lake Ontario during spring migration. North American Ornithological Congress.
- Norment, C. J. 1996. Grassland bird habitat relations and breeding biology in western New York. New York Natural History Conference, Albany New York.
- Norment, C. J., C. A. Ardizzone, and K. Hartman. 1995. Habitat relations and breeding biology of grassland birds in western New York: Management Implications. International Conference on Conservation and Ecology of Grassland Birds, Tulsa, OK.
- Ardizzone, C. A. and C. J. Norment. 1995. Experimental analysis of nest predation: Effects of habitat and nest distribution. International Conference on Conservation and Ecology of Grassland Birds.

Other (Non Peer-reviewed) Publications

- Norment, C. J. 2008. Return to Warden's Grove: Science, Desire and the Lives of Sparrows (book). University of Iowa Press, Iowa City.
- Norment, C. J. 2002. (Book review). Blackhearts: Ecology in Outback Australia. *Auk* 119: 577-580.
- Norment, C. J. 2000. Arctic Profile: Francis Harper (1886-1972). *Arctic* 53: 72-75.
- Norment, C. J. 1999. Effects of grassland bird management on nongame bird community structure and productivity. Final report to United States Fish and Wildlife Service; 152 pp.
- Norment, C. J. 1999. (Book Review) Habitat characteristics of some passerine birds in western North American taiga, by Brina Kessel. *Arctic* 52: 311-312.
- Norment, C. J. 1991. (Book Review) Journal of a Barrenlander: W. H. B. Hoare, 1928-1929, edited by Sheila Thomsen. *Arctic* 44: 261-262.
- Norment, C. J. 1989. In the North of Our Lives: A Year in the Wilderness of the Northwest Territories. Down East Books, Camden, ME. (book)
- Norment, C. J. 1988. Arctic Profile: C. H. D. Clarke (1909-1981). *Arctic* 41:256-257.

Professional Societies and Affiliations

Professional Societies: American Ornithologist's Union; Cooper Ornithological Society; Society for Conservation Biology; Australian Institute for Alpine Studies.

Peer Reviewer: *Auk*, *Condor*, *Journal of Field Ornithology*, *Ecology*, *Ornithological Monographs*, *Ecological Applications*, *North American Bird Bander*, *Wilson Bulletin*, *Conservation Biology*, *Biological Conservation*, *Journal of Herpetology*.

Member: New York State Grassland Bird Focus Group; Scientific Advisory Board, Braddock Bay Bird Observatory; Advisor, New York Important Bird Areas project (sponsored by National Audubon Society); Technical Cooperator, Department of Defense, Fort Drum, NY.

Theses Supervised

Amphibians of Iroquois National Wildlife Refuge: An assessment of community composition and heavy metal contamination. (S. Joule, 1995)

Avian Community Structure in Managed Grasslands of Iroquois National Wildlife Refuge. (C. Ardizzone, 1996)

Effects of Forest Fragmentation on the Reproductive Biology of Scarlet Tanagers (*Piranga olivacea*). (C. Roberts, 1996)

Stopover Ecology of Neotropical Migrants on the South Shore of Lake Ontario During Spring Migration. (G Jones, 1997)

Follow-up vegetational and avifaunal surveys on wetlands restored through the U.S. Fish and Wildlife Service Partners for Wildlife Program. (J. Robinson, 2000)

Spatial Structure of Grasshopper Sparrow Populations in Mendon Ponds, NY. (K. Balent, 2000)

Breeding Ecology of Henslow's Sparrows at Fort Drum, New York. (R. Krebs, 2002)

Nocturnal energy levels and stopover behavior of spring Neotropical migrants along the southern Lake Ontario shoreline. (S. Smith, 2001)

A comparison of created and natural wetlands as wildlife habitat. (D. Porter, 2006)

Landscape ecology of Henslow's Sparrows in the St. Lawrence Valley, NY (S. Lazzazero, 2006)

Lipid stores in migratory White-throated Sparrows (B. McCabe, 2006)

A comparative study of two methods for estimating the breeding productivity of grassland birds. (M. Morgan, in progress)

Habitat selection and landscape ecology of Blanding's turtle in New York. (T. Crockett, in progress)

Habitat selection of shrubland birds in the Great Plains Region (K. Klees, in progress)

College and Community Service

Member, Graduate Council; Scholar's Day Committee; Scholarly Incentive Awards Committee; Faculty Roles and Rewards Committee; Mentor, Ronald E. McNair Scholarship Program; Faculty Senate.

Volunteer fire lookout, Shoshone National Forest, Wyoming (six seasons, 1981-1996).

Board Member, Bergen Swamp Preservation Society (1999)

Other Interests: Hiking, mountaineering, whitewater boating, running.