

## CURRICULUM VITAE

### **Bradley J. Bergstrom, Ph.D.**

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Born: Chicago, Illinois, 1956

### **Professional and Educational Background**

Professor of Biology, Valdosta State University. 1997-present  
Associate Professor of Biology, Valdosta State College/University. 1991-1997.  
Assistant Professor of Biology, Valdosta State College. 1986-1991.  
Post-doctoral Research Fellow, U.S. Fish and Wildlife Service, Branch of Migratory Bird Research, Patuxent Wildlife Research Center, MD. Summer, 1988.  
Ph.D. in Ecology and Systematics, Museum of Natural History, University of Kansas. 1986.  
Dissertation Title: "Ecological and Behavioral Relationships Among Three Species of Chipmunks (*Tamias*) in the Front Range of Colorado. R.S. Hoffmann, advisor.  
M.Phil. in Systematics and Ecology, University of Kansas. 1984.  
Graduate student in Fishery and Wildlife Biology, Colorado State University, 1979-1980.  
M.S. in Biology, University of Illinois. 1979. D.F. Hoffmeister, advisor.  
B.S. in Ecology, Ethology, and Evolution, University of Illinois. 1978.

### **Articles in Scientific Journals**

- Bergstrom, B.J. 2017. Carnivore conservation: shifting the paradigm from control to coexistence. *Journal of Mammalogy* 98: 1-6. [pdf](#).
- Bergstrom, B.J., and M.T. Smith. 2017. Bats as predominant food items of nesting Barred Owls. *Southeastern Naturalist* 16: N1-N4. [pdf](#).
- Bergstrom, B.J., L.C. Arias, A.D. Davidson, A.W. Ferguson, L.A. Randa, and S.R. Sheffield. 2014. License to kill: reforming federal wildlife control to restore biodiversity and ecosystem function. *Conservation Letters* 7: 131-142. [pdf](#). *Media*: [NY Times](#), [LA Times](#), [Wash Post](#)
- Bergstrom, B.J. 2014. Wolf recovery: a response to Mech. *Wildlife Professional* 8(2): 7. [pdf](#).
- Bergstrom, B.J. 2013. Would East African savanna rodents inhibit woody encroachment? Evidence from stable isotopes and microhistological analysis of feces. *Journal of Mammalogy* 94(2): 436-447. [pdf](#).
- Bergstrom, B.J. 2011. Endangered wolves fall prey to politics. *Science* 333: 1092. [pdf](#).
- Bergstrom, B.J., and M.T. Smith. 2011. Mixed-species foraging aggregation of kites in the breeding season. *The Oriole* 76: 13-20. [pdf](#).
- Bergstrom, B.J., S. Vignieri, S.R. Sheffield, W. Sechrest, and A.A. Carlson. 2009. The Northern Rocky Mountain gray wolf is not yet recovered. *BioScience* 59: 991-999. [pdf](#).

Bergstrom, B.J., and T.W. Sherry. 2008. Estimating lipid and lean body mass in small passerine birds using TOBEC, morphometrics and subcutaneous fat-scoring. *Journal of Avian Biology* 39: 507-513. [pdf](#)

Bergstrom, B.J., and R. Carter. 2008. Host tree selection by an epiphytic orchid, *Epidendrum magnoliae* Muhl., in an inland hardwood hammock in Georgia. *Southeastern Naturalist* 7: 571-580. [pdf](#).

Vignieri, S.N., E.M. Hallerman, B.J. Bergstrom, D.J. Hafner, A.P. Martin, P. Devers, P. Grobler, and N. Hitt. 2006. Mistaken view of taxonomic validity undermines conservation of an evolutionarily distinct mouse: a response to Ramey et al. (2005). *Animal Conservation* 9: 237-243. [pdf](#).

Bergstrom, B.J., and R.K. Rose. 2004. Comparative life histories of Georgia and Virginia cotton rats. *Journal of Mammalogy* 85: 1077-1086. [pdf](#).

Bergstrom, B.J., and T. Hon. 2002. Breeding records of Hooded Merganser in Georgia, 1967-2002. *The Oriole* 67: 43-48. [pdf](#).

Bergstrom, B.J., T. Farley, H.L. Hill, and T. Hon. 2000. Ecology and conservation of a frontier population of the round-tailed muskrat (*Neofiber alleni*). *Occasional Papers of the North Carolina State Museum of Natural Sciences* 12: 74-82. [pdf](#).

Bergstrom, B.J. 1999. First reported breeding of Black-bellied Whistling-Duck in northern Florida. *Florida Field Naturalist* 27: 177-179.

Bergstrom, B.J. 1997. Review of "Handbook of mammals of the south-central states." *Journal of Wildlife Management* 61: 256-258. [pdf](#).

Bergstrom, B.J. 1992. Parapatry and encounter competition between chipmunk species and the hypothesized role of parasitism. *American Midland Naturalist* 128: 168-179. [pdf](#).

Bergstrom, B.J., and R.S. Hoffmann. 1991. Distribution and diagnosis of three species of chipmunks (*Tamias*) in the Front Range of Colorado. *Southwestern Naturalist* 36: 14-28. [pdf](#).

Swihart, R.K., N.A. Slade, and B.J. Bergstrom. 1988. Relating body size to the rate of home range use in mammals. *Ecology* 69: 393-399. [pdf](#)

Bergstrom, B.J. 1988. Home ranges of three species of chipmunks (*Tamias*) as assessed by radiotelemetry and grid-trapping. *Journal of Mammalogy* 69: 190-193. [pdf](#).

Bergstrom, B.J., and J.R. Sauer. 1986. Social traveling inferred from multiple captures: testing assumptions. *American Midland Naturalist* 115: 201-203. [pdf](#).

Bergstrom, B.J. 1986. An analysis of multiple captures of *Peromyscus maniculatus* with a critique on methodology. *Canadian Journal of Zoology* 64: 1407-1411. [pdf](#).

Bergstrom, B.J. 1985. Unusual prey-stalking behavior by a goshawk. *Journal of Field Ornithology* 56: 415. [pdf](#).

Bergstrom, B.J. 1984. Morphologic variation between long-established and pioneer populations of the meadow vole (*Microtus pennsylvanicus*) in Illinois. *American Midland Naturalist* 112: 172-177. [pdf](#).

### **Manuscripts in Review**

Treves, A. K.A. Artelle, B.J. Bergstrom, R.L. Crabtree, C.T. Darimont, P.C. Paquet, and D.R. Parsons. Illegal killing of wolves exposes flaws in U.S. Endangered Species Act implementation. *Ecology and Society*.

### **Manuscripts in Preparation**

Small-mammal community responses to ungulate exclusion and prescribed fire on the East African savanna: searching for cover in a grazed world. With T. P. Young, D.J. Augustine, and R.L. Sensenig. For *Ecological Monographs*.

### **Book Chapters**

Bergstrom, B.J. 1999. Least Chipmunk (*Tamias minimus*), pp. 366-369 In Wilson, D.W. and S. Ruff (eds.), *The Smithsonian Book of North American Mammals*. Smithsonian Institution Press, Washington, DC.

Bergstrom, B.J. 1999. Colorado Chipmunk (*Tamias quadrivittatus*), pp. 377-378 In Wilson, D.W. and S. Ruff (eds.), *The Smithsonian Book of North American Mammals*. Smithsonian Institution Press, Washington, DC.

Bergstrom, B.J. 1999. Uinta Chipmunk (*Tamias umbrinus*), pp. 391-393 In Wilson, D.W. and S. Ruff (eds.), *The Smithsonian Book of North American Mammals*. Smithsonian Institution Press, Washington, DC.

### **Other Publications**

Bergstrom, B.J., et al. 2016. The Grizzly Beat podcast. Episode 19. Grizzly Times. <http://www.grizzlytimes.org/the-grizzly-beat-podcast>

Linzey, A.V., Jackson, D.R., Bergstrom, B.J. and Hammerson, G. 2011. *Neofiber alleni*. The IUCN Red List of Threatened Species. <http://www.iucnredlist.org/apps/redlist/details/14520/0>

Bergstrom, B.J. 2011. Birding Georgia (2<sup>nd</sup> ed.). Birding Resources by the Fat Birder. [http://www.fatbirder.com/links\\_geo/america\\_united\\_states/georgia.html](http://www.fatbirder.com/links_geo/america_united_states/georgia.html)

Bergstrom, B.J. 2011. Sunday Dialogue: Incentives on Energy. Letter to the Editor, New York Times. November 5, 2011.

Bergstrom, B.J. 2009. Mpala is for the birds. Mpala Memos 2:2.  
[http://www.mpala.org/documents/Get\\_our\\_Newsletter\\_13\\_2186804719.pdf](http://www.mpala.org/documents/Get_our_Newsletter_13_2186804719.pdf)

Bergstrom, B.J., et al. 2008. Revised checklist of birds of Mpala Ranch and Conservancy, Laikipia District, Kenya. [http://mpala.org/documents/Flora\\_and\\_Fauna\\_9\\_1433331896.xls](http://mpala.org/documents/Flora_and_Fauna_9_1433331896.xls)

Bergstrom, B.J. 2007. DOT's bleak landscape: Scenic view without trees. Guest Editorial. Atlanta Journal-Constitution. July 31, 2007.

Bergstrom, B.J. 2006. Daily and seasonal activity patterns of a mixed-species communal roost of vultures at Grand Bay, Lowndes Co., Georgia. Final Report (2003-06) to US DOD and Moody AFB of DAMD-17-03-2-0048.

Bergstrom, B.J., P. Stalvey, and J. Rutledge. 2004. Daily and seasonal activity patterns of a mixed-species communal roost of vultures at Grand Bay, Lowndes Co., Georgia. First Annual Report (2003-04) of DAMD-17-03-2-0048.

Bergstrom, B.J., J.R. Carter, A. Davis, and K.A. Lutz. 1994. Natural heritage inventory of Moody Air Force Base, Georgia. The Nature Conservancy. Savannah, GA. 262 pp.

Arthur, S., B.J. Bergstrom, and P. Makar. 1979. Wildlife habitat management plan for Upper Lory State Park, Colorado. Colorado Division of Parks and Recreation. 91 pp.

Bergstrom, B.J. 1978. Feeding habits of ducks at Carlyle Reservoir in southern Illinois. Illinois Department of Conservation Miscellaneous Reports. 22 pp.

### **Presented Papers and Abstracts**

Bergstrom, B.J., R.L. Sensenig, D.J. Augustine, and T.P. Young. 2016. Small-mammal community responses to ungulate exclusion and prescribed fire on the East African savanna. 97th ann. mtg. Amer. Soc. of Mammalogists, Minneapolis, MN. [PowerPoint](#)

Bergstrom, B.J. 2015. What scale of human impact on large carnivores is compatible with restoring ecosystem function? "Living Large" Conference on Large Carnivores, Humane Society of the US, Washington, DC. [PowerPoint](#)

Bergstrom, B.J., and S.R. Sheffield. 2011. ASM policy guidance on behalf of rare and endangered North American Mammals, 1997-2010. 90th ann. mtg. Amer. Soc. of Mammalogists. Portland, OR. [Abstract](#) [Poster](#)

Bergstrom, B.J. 2010. Diets of some Kenyan rodents as assessed by stable isotopes. 89th ann. mtg. Amer.Soc. of Mammalogists. Laramie, WY. [PowerPoint poster](#)

Bergstrom, B.J. 2009. Effect of prescribed burns on East-African savanna small mammals. 88th ann. mtg. Amer. Soc. of Mammalogists. Fairbanks, AK. [PowerPoint poster](#).

Bergstrom, B.J. 2007. Effect of soil type and fertility and large herbivores on East-African

savanna small mammals. 86th ann. mtg. Amer. Soc. of Mammalogists. Albuquerque, NM. [PowerPoint slide show](#).

Rose, R. K., and B. J. Bergstrom. 2003. Comparative life histories of Virginia and Georgia hispid cotton rats. 4<sup>th</sup> European Mammal Congress, Brno, Czech Republic.

Bergstrom, B. J., and T. W. Sherry. 1998. Relative value of TOBEC, morphometrics, and fat-scoring in estimating % body fat in small passerines. N. Amer. Ornithol. Congr., St. Louis, MO.

Bergstrom, B. J., and R. K. Rose. 1998. Comparative life histories of Georgia and Virginia cotton rats. 79th ann. mtg. Amer. Soc. of Mammalogists. Blacksburgh, VA.

Bergstrom, B. J., and T. M. Harper. 1997. Characteristics of foraging calls of coastal-plain Georgia bat species as assessed by Anabat II. 77th ann. mtg. Amer. Soc. of Mammalogists. Stillwater, OK.

Bergstrom, B. J., T. Farley, H. Hill, and T. Hon. 1996. Ecology and conservation of a marginal population of the round-tailed muskrat (*Neofiber alleni*). 72nd ann. meet. Amer. Soc. of Mammalogists. Univ. North Dakota, Grand Forks.

Bergstrom, B. J., T. Farley, H. Hill, and T. Hon. 1994. Natural history and conservation of the round-tailed muskrat in south-central Georgia. 4th Ann. Colloquium on Conservation of Mammals of South and Central US. Athens, GA.

Bergstrom, B.J. 1992. Seasonal and geographic trends in reproduction and body size of southeastern *Sigmodon hispidus*. 72nd ann. meet. Am. Soc. Mammalogists. Salt Lake City, Utah.

Bergstrom, B. J., H. Hill, and T. Hon. 1990. The round-tailed muskrat in south-central Georgia. 67th ann. meet. Georgia Acad. Sciences. Macon. GA.

Stahl, T., and B. J. Bergstrom. 1989. Reproductive patterns in south Georgia cotton rats. 66th ann. meet. Georgia Acad. Sciences. Valdosta, GA.

Bergstrom, B. J. 1988. Parapatry in *Tamias* as a balance between parasitism and territorial aggression. 68th ann. meet. Amer. Soc. Mammalogists. Clemson, South Carolina.

Bergstrom, B. J. 1987. Aggression, parasites, and parapatry in chipmunks. 48th ann. meet. Assoc. SE Biologists. Athens, Georgia.

Bergstrom, B. J. 1987. Body size, niche breadth, and distributional limits in chipmunks. Georgia Acad. Sciences. Albany, Georgia.

Bergstrom, B. J. 1987. Body size, niche overlap, and distribution of chipmunks. 67th ann. meet. Amer. Soc. Mammalogists. Albuquerque, New Mexico.

Bergstrom, B. J. 1986. Comparison of multivariate approaches to niche quantification using

structural habitat data. Abstract. 66th Ann. Meet. Amer. Soc. Mammal. Madison, Wisconsin.

Bergstrom, B. J. 1986. Multivariate analysis of habitat relationships among sympatric and parapatric chipmunk species. Abstract. ESA/INTECOL Mtgs. Syracuse, New York.

Bergstrom, B.J. 1986. Multivariate analysis of niche relationships among sympatric and parapatric species of montane chipmunks. Abstract. Kansas Acad. Sci. 116th Meet.

Bergstrom, B. J. 1985. Habitat segregation among three species of *Tamias* in Colorado. 10th Ann. Meet. Prairie States Ecol. Conclave.

Bergstrom, B. J., and R. K. Swihart. 1985. Comparative home range use by three species of *Tamias*. 65th Ann. Meet. Amer. Soc. Mammalogists. Orono, Maine.

Bergstrom, B. J. 1984. Methodological problems in analyzing multiple capture data from Sherman traps. Abstracts of Pap. 64th Ann. Meet. Amer. Soc. Mammalogists. Arcata, California.

Bergstrom, B. J. 1982. Adaptive characters affecting competition between parapatric chipmunk species. Abstracts of Pap. 62nd ann. meet. Amer. Soc. Mammalogists. Snowbird, Utah.

### **Recent Invited Seminars**

Humane Society of the US, Living Large Carnivore Conference, Washington, DC, 12 October 2015

### **Recent Research Grants**

National Science Foundation (\$25,555, Research Opportunity Award supplement to DEB-0316402: collaborative research on Ecol. Effects of Fire and Herbivory on Small-Mammal Community of East African Savanna, 2006-09.

USAMRAA (Dept. of Defense; \$30,000, Behavior of colonial vulture roost), 2003-06. National Science Foundation (\$15,000, Research Opportunity Award supplement to DEB-9213828: collaborative research on Ecol. Conserv. Neotropical Migrants), 1993-95.

U.S. Air Force (\$7,400, Rare species survey of Moody AFB, Ga.), 1993-94. Georgia Dept. Natural Resources (\$8,050, round-tailed muskrat ecology), 1990-91.

### **Manuscript Reviewer for Following Journals**

Ecology, American Midland Naturalist, Journal of Mammalogy, Southwestern Naturalist, Southeastern Naturalist (including Guest Editorships), Journal of Wildlife Management, Castanea, Mammalian Species, Great Basin Naturalist, Florida Field Naturalist, The Oriole, Georgia Journal of Science, Occasional Publications of the Georgia Ornithological Society, Western North American Naturalist, Proceedings of the Florida Dry-Prairie Conference, New Zealand Journal of Ecology, Florida Scientist, Wilson Journal of Ornithology, Biodiversitas,

Mammalian Species, Mammalia, International Journal of Agricultural Research.

### **Teaching Grants**

Price-Campbell Foundation, \$88,300 for field trip expenses for field biology courses, 1996-2016.

### **Courses Taught at Valdosta State University**

*Lecture + Lab/Field:* Ecology, Mammalogy, Ornithology, Evolution, Principles of Biology I & II (mixed majors; non-majors), Honors Biology II, Ecology and Evolution.

*Lecture/Discussion:* Perspectives on Environmental Issues

*Seminar:* Environmental Issues (Honors), Senior Seminar (Biology), Graduate Seminar (Biology)

*Directed Study:* Ecological & Zoological Field Research

*Guest Lecturer:* Evolution, Science and Religion, Environmental Ethics, Environmental Economics, Social Welfare, Crime and Delinquency, Latin American Studies

### **Synergistic Activities (Professional and Environmental)**

Moderator, Special Thematic Session on Recent Advances in Mammalian Conservation, American Society of Mammalogists annual meeting, Oklahoma City, June 2014

Moderator, Special Thematic Session on Predator Control, American Society of Mammalogists annual meeting, Philadelphia, June 2013

President's Special Award for 2011-2012, American Society of Mammalogists

Organizer and Moderator, public forum featuring officials from USDA-APHIS Wildlife Services, examining predator control in the Western U.S., Reno, NV, 26 June 2012

American Society of Mammalogists (ASM) Conservation Committee, Chair 2007-present; member 1999-pres. <http://www.mammalsociety.org/committees/index.asp>

Project Coyote, Advisory Board member, 2013-present.

<http://www.projectcoyote.org/contact.html#bradley>

Biological Status Review for four special status mammal species, for Florida Freshwater Fish and Wildlife Commission (FWC), 2011-2015.

Manuscript reviewer / guest editor for 17 scientific journals, 1988-present.

ASM CC e-discussion listserv, List Administrator, 2004-present

Ecological consultant to Wiregrass Activists for Clean Energy (WACE), 2011-12.

ASM Conservation Awards Committee, member 2003-2007.

Georgia Ornithological Society (GOS), Editorial Committee, member 1998-2004

GOS Conservation Committee, member 2006-2011. <http://gos.org/orginfo/orginfo.html>

National Audubon Society's Important Bird Areas Program, Georgia Technical Steering Committee, member 2000-present.

Scenic Georgia, Inc., Member, Board of Directors, 2008-present. <http://www.scenicga.org/>

Guest Lecturer, VSU Science Seminar Series, September 2007

Keynote Speaker, VSU Honors Colloquium, August 2009

Keynote Speaker, VSU Climate Commitment Presidential Signing Ceremony, April 2009

Member, Steering Committee, Georgia Comprehensive Wildlife Conservation Strategy

Visiting Faculty, Indo-U.S. "Tools for Biodiversity Conservation" Training Workshop,

Smithsonian Institution & Wildlife Institute of India. May 2007, Dehra Dun, India

South Georgia/North Florida Rare-Bird e-Alert compiler and transcriber 1995-2000.

GA Comprehensive Wildlife Conservation Strategy Steering Committee member, 2003-pres.  
Lowndes Co. Greenspace Advisory Board (Governor's Greenspace Program), 2000-2005.  
Suwannee River Basin Local Advisory Committee, 1997-2003.  
Grassroots Environmental Network, founded to improve public input into Georgia EPD Permit & Consent-Order issuing procedures, Participant/activist, 1996-2004.  
North American Breeding Bird Survey for USGS/Patuxent, Volunteer Observer, 1988-2014.  
Development of web pages offering non-profit use of original photos of birds and mammals: <http://valdosta.edu/~bergstrm>. 1999-present.  
Georgia Breeding Bird Atlas project, Participant, 1995-1999.  
Florida Breeding Bird Atlas project, Participant, 2013-present.  
Observer, Christmas Bird Counts, National Audubon Soc., 1980-2012, irregular.  
Georgia Partners-in-Flight (interagency & international cooperative effort to monitor Neotropical migrant birds), Advisory Board member and consultant, 1994-present.  
Regional Issues Coordinator, Georgia Chapter Sierra Club, 1994-2002.  
Campaign for a Prosperous Georgia (CPG), Member, Board of Directors, 1992-1995.  
Moody Air Force Base Environmental Review Board Ad-hoc member, 1993-2000.  
Georgia's "River Care 2000," River Assessment Team, Wildlife Resources Group, 1995-98.  
Wetlands Task Force, The Georgia Conservancy. Member, 1988-1995.  
Special Achievement Award, Georgia Environmental Council, June 1991.  
Co-founder and President (1989-94): Alliance for Conserving Environmental Resources.  
Numerous interviews on environmental and conservation issues to newspaper, radio, and television journalists, including campus and local/regional, CNN, Science Magazine, Discover Magazine, Los Angeles Times, Sacramento Bee, Atlanta Journal-Constitution, The American Prospect. 1989-2012.

### **Synergistic Activities (Academic/University)**

Faculty Senator, 4 terms  
Elected member at-large, Faculty Grievance Committee, 2016-present  
Chair, Environmental Issues Committee, 2005-06 and 2008-09 (member since 1991).  
Chair, Campus Beautification & Stewardship Subcommittee, 1998-2005; 2007-pres. (member since 1987).  
President's Climate Council, 2008-2011.  
Strategic Planning Committee (SPC), member, 2010-2011  
SPC Grounds Subcommittee, Co-Chair, 2010-2011  
Chair, Arts & Sciences Leave-with-Pay Committee, 2008-09  
Master Planning Committee, member 2003-04.  
University Council, associate member 2004-05; member 2006-09.  
Natural Areas Advisory Committee, member 1996-2006.  
Institutional Planning Committee, 1992-94.  
Faculty Advisor, Students Against Violating the Environment (SAVE). 1988-pres.  
Supervised 2 student presentations at Colloquium on Undergraduate Research, 2005.  
Directed more than 20 senior-level biology majors in independent research.