

George Bumann

c/o Yellowstone Assn. P.O. Box 117

Yellowstone N.P., WY 82190

(307) 344-8826

e-mail: editor@naturalistfield.com

Education

MS **Wildlife Science** Virginia Polytechnic Institute and State University, April 2002

BS **Environmental and Forest Biology** SUNY College of Environmental Science & Forestry,
December 1998

Experience/Achievements

- Conducted research on habitat use of, and predation on Appalachian ruffed grouse
 - Initiated free natural history hikes for students and faculty of Virginia Tech and citizens of Blacksburg covering cultural history, geology, botany, zoology and various ecological principles
 - Co-instructed Vertebrate Museum Techniques class at Virginia Tech on identification and preservation of museum specimens for graduate and undergraduate students
 - Acted as guest guide and instructor for Christiansburg Elementary School's Wildlife Mapping Program
 - Served as a teaching assistant for graduate and undergraduate students enrolled in The Biology of Birds and Mammals and Dendrology at SUNY ESF
 - Served as elected steward for ESF timbersports team maintaining competition hand tools and equipment and also instructing new members
 - Served as vice president of American Fisheries Society, SUNY ESF student chapter
 - Artwork has been featured in numerous publications, fund-raisers, clothing designs, greeting cards, public surveys, logos, and limited edition art prints
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Employment History

Research Assistant Department of Fisheries and Wildlife Science, Virginia Tech, VA (February 1999-present)

- Coordinate annual research activity on 1 of 11 study sites involved in the Appalachian Cooperative Grouse Research Project
- Supervise, hire and schedule research activity conducted by full-time and seasonal technicians
- Coordinate interagency field data collection
- Integrate GPS, GIS and radio telemetry technologies into data collection
- Compile, organize and enter field data for analyses
- Oversee maintenance of vehicles and equipment and purchases of supplies and equipment
- Provide status reports to project leaders
- Conduct outreach to educate public about our research

Crew Leader *Student Conservation Association (June-July 2001)*

- Organized and directed a high school aged trail crew in Dinosaur National Monument
- Managed all pre and post-program logistics, coordinated with agency personnel
- Managed \$4000 budget, as well as crew food and equipment
- Developed and instructed an environmental education program
- Maintained high safety and risk management standards

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Timber Wright *To The Line Timberframes, NY (May-December 1998)*

- Served as woodworker creating custom and historically accurate structures and building materials
- Demonstrated use of hand tools and techniques of early timber construction

Wildlife Researcher *Research Foundation of SUNY ESF, NY (August 1997- September 1998)*

- Coordinated monthly collection of data to determine dietary habits of Adirondack coyotes
- Recruited and supervised volunteer field assistants
- Processed raw samples and reported summary of findings
- Cleaned and preserved skeletal and tissue samples for use in morphometric and genetic analyses

Wildlife Consultant *Town of Auburn, NY (May-August 1998)*

- Identified and collected fecal samples from multiple wildlife species for *E. coli* outbreak research

Volunteer researcher on Gray Fox Project *SUNY ESF, NY (winter: 1997)*

- Assisted in radio telemetry and snow tracking of gray fox

Museum Curator *Oliver Steven's Block House Museum, NY (summers: 1996 & 1997)*

- Maintained and enhanced museum displays on subjects ranging from Paleo Indians to World War I
- Conducted guided tours of facility and solicited donations

Living History Interpreter *St. Marie Among the Iroquois Museum, NY (summers: 1993 & 1995)*

- Guided visitors through 17th century educational complex
- Interpreted period customs, Native American culture, historical flora and fauna and world events
- Demonstrated joinery, flintknapping, timber framing, blacksmithing, canoe building and wood turning

Certifications and Memberships

- Wilderness First Aid through February 2004
- ATV training Certification 1999
- The Wildlife Society (1994-present)
- The Wildlife Society, Virginia State Chapter (2000-present)
- National Audubon Society (1999-present)
- New River Valley Bird Club (2000-present)
- International Society of Professional Trackers (2000-present)
- National Wild Turkey Federation (1995-1999)
- National Trappers Association (1997-1999)

Interests/Skills

- Studying natural history, drawing, outdoors photography, tracking, backpacking, canoeing, fly-fishing, fly tying, hunting, creative writing
- Computer skills: Microsoft Word, Excel, Access, PowerPoint, Adobe Pagemaker, Photoshop, SAS, Arc View GIS, PC-GPS, e-mail etc.

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References

Dean Stauffer
Associate Professor and major advisor of candidate
Department of Fisheries and Wildlife Science
Virginia Tech
Blacksburg, VA 24061-0321
540-231-7349
dstauffe@vt.edu

Larry VanDruff
Professor emeritus
State University of New York,
College of Environmental Science and Forestry
3232 Pompey Hollow Rd.
Canzenovia, NY 13035
315-655-4739
vanarces@yahoo.com

D. Andrew Saunders
Professor of Environmental Interpretation
State University of New York,
College of Environmental Science and Forestry
355 Illick Hall
Syracuse, NY 13210
315-470-6759
dasaunde@mailbox.syr.edu