

Christopher B. Mowry

Berry College
Box 430/Department of Biology
Mt. Berry, GA 30149

(706) 236-1712
cmowry@berry.edu
<http://sites.berry.edu/cmowry/>

EDUCATION

- | | |
|------|--|
| 1994 | Ph.D. and M.S., Ecology, Emory University
Atlanta, Georgia |
| 1982 | B.A., Biology, Wake Forest University
Winston-Salem, North Carolina |

PROFESSIONAL EXPERIENCE

- | | |
|--------------------------------|---|
| 2001- present | Associate Professor of Biology
Berry College |
| 2014 | Visiting Professor
Organization for Tropical Studies, Palo Verde, Costa Rica |
| 2007- 2013 | Chairman, Department of Biology
Berry College |
| 2010 | Visiting Professor
University of Dundee, Scotland |
| 2006 – 2008,
2013 - present | Graduate Faculty Member
University of Tennessee at Chattanooga |
| 1994 - 2001 | Assistant Professor of Biology
Berry College |
| 1988 - 1992 | Teaching Assistant, Department of Biology
Emory University |
| 1988 - 1989 | Educator
Science and Technology Museum of Atlanta (SciTrek) |
| 1982 - 1988 | Research Assistant, Department of Pharmacology
Emory University |

TEACHING EXPERIENCE

- Principles of Cell Biology (BIO 111)
- Principle of Zoology (BIO 202)
- Advanced Ecology (BIO 455)
- General Biology (for non-majors) (BIO 103)
- Behavioral Ecology (BIO 415)
- Conservation Biology (BIO 405)
- Seminar in Biology (BIO 490)

CURRENT RESEARCH PROJECTS

- Urban coyotes/Atlanta Coyote Project (www.atlantacoyoteproject.org)
- Coyote diets in Yellowstone National Park
- Sea turtle conservation on St. Catherines Island, GA

PUBLICATIONS

Articles

Mowry, C.B., C.M. Keene, S.E. Prisland, B.D. Tyler, A.A. Montgomery, A.P. Mowry, R.A. Martin, S. Stevens, J. Ellwanger, and M.B. Morgan (in press) A survey of *Batrachochytrium dendrobatidis* occurrence in amphibians of Walker and Floyd Counties, Georgia, USA. *Herpetological Review*.

Ganzhorn, J.U., S.J. Arrigo-Nelson, V. Carrai, M.K. Chalise, G. Donati, I. Driescher, T.M. Eppley, M.T. Irwin, F. Koch, A. Koenig, M.M. Kowalewski, **C.B. Mowry**, E.R. Patel, C. Pichon, J. Ralison, C. Reisdorff, B. Simmen, E. Stalenberg, J. Terboven, P.C. Wright and W. J. Foley (2017) The importance of protein in leaf selection of folivorous primates. *American Journal of Primatology* 79(4): 1-13.

Mowry, C.B. and J. Edge (2014) Melanistic Coyotes in Northwest Georgia. *Southeastern Naturalist* 13(2): 280-287.

Fashing, P.J., E.S. Dierenfeld and **C.B. Mowry** (2007) Food selection by eastern black and white colobus monkeys (*Colobus guereza*) in relation to plant chemistry in Kakamega Forest, Kenya. *International Journal of Primatology* 28: 673-703.

Powzyk, J.A. and **C.B. Mowry** (2003) Diet and Feeding Differences Between Sympatric Indrids: *Propithecus diadema diadema* and *Indri indri*. *International Journal of Primatology* 24(6): 1143-1162.

Gaffney, S., V. Williams, P. Flynn, R. Carlino, **C. Mowry**, E. Dierenfeld, C. Babb, J. Fan, and W.A. Tramontano. (2004) Tannin/Polyphenol Effects on Iron Solubilization *in vitro*. *BIOS* 75(2): 43-52.

Remis, M.J., E.S. Dierenfeld, **C.B. Mowry**, and R.W. Carroll (2001) Nutritional aspects of western lowland gorilla (*Gorilla gorilla gorilla*) diet during seasons of fruit scarcity at Bai Hokou, Central African Republic. *International Journal of Primatology* 22(5): 807-836.

Mowry, C.B. and J.L. Campbell (2001) AZA Nutrition Advisory Group; TAG/SSP Husbandry Notebook; Nutrition Section; *Lemur catta* (ring-tailed lemur).

Mowry, C.B., C. McCann, R. Lessnau and E. Dierenfeld (1997) Secondary compounds in foods selected by free-ranging primates on St. Catherines Island, GA. Proceedings of the Second Conference of the Nutrition Advisory

Group/American Zoo and Aquarium Association on Wildlife Nutrition, Ft.Worth, Texas.

Mowry, C.B., B.S. Decker and D.J. Shure. (1996) The role of phytochemistry in dietary choices of Tana River red colobus monkeys (*Procolobus badius rufomitratus*). *International Journal of Primatology* 17: 63-84.

Mowry, C.B. (1995) Possible infanticidal behaviour by a Tana River red colobus (*Procolobus badius rufomitratus*). *African Primates* 1: 48-51.

Minneman, K.P. and **C.B. Mowry** (1986) Interactions of putatively irreversible antagonists with β_1 and β_2 adrenergic receptors. *Biochemical Pharmacology* 35: 857-864.

Book Chapters

Powzyk, J.A. and **C.B. Mowry** (2006) The Feeding Ecology and Related Adaptations of *Indri indri*. In: Gould, L. and Sauther, M. (eds.) *Lemurs: Ecology and Adaptation*. Springer/Kluwer Press, New York, pp. 353 - 368.

Abstracts

Hooper, J., **C. Mowry**, L. Wilson, and R. Hale (2015) "Using social media and web based platforms to collect scientific data on human-coyote (*Canis latrans*) interactions in metro Atlanta, GA, USA. 76th Association of Southeastern Biologists meeting.

Hooper, J, **C. Mowry**, L. Wilson, and T. Gaudin (2015) Human-coyote interactions interactions in metro Atlanta, GA, USA. 76th Association of Southeastern Biologists meeting, Chattanooga, TN.

Mowry, C. L. Mobley, N. Schwartz, T. Baldvins, J.Sheldon, and R. Crabtree (2011) Coyote (*Canis latrans*) diets in Yellowstone National Park. *Southeastern Biology* 58(3): 389.

Mowry, C., N. Acuff, J. Lawrence and R. Hale (2010) Home range, habitat use and morphology of coyotes (*Canis latrans*) in northwest Georgia. *Southeastern Biology* 57(3): 286.

Weiczowski, J., **C.B. Mowry**, and E.S. Dierenfeld. Phytochemical Analysis of the Tana River Mangabey (*Cercocebus galeritus*) Diet. (2008) *Abstracts of the XXII Congress of the International Primatological Society, Edinburgh, Scotland*.

Owens, K. and **C. Mowry** (2007) Seasonal dietary composition of the eastern coyote (*Canis latrans*) in northwestern Georgia. *Southeastern Biology* 54(3): 209-210.

Holzer, K., S. Warsen and **C. Mowry** (2007) Measurement of home-range size and activity patterns of coyotes in northwestern Georgia using radio telemetry and camera trapping. *Southeastern Biology* 54(3): 282.

Mowry, C.B., P.J. Fashing and E.S. Dierenfeld (2006) Food selection by *Colobus guereza* in Kakamega Forest, Kenya. *American Journal of Primatology* 68 (S1): 146.

Mowry, C.B., T. Hobby and C.A. Hall (2004) Ecology and parasites of Eritrean grivet monkeys (*Cercopithecus aethiops aethiops*): preliminary findings. *Folia Primatologica* 75 (S1): 308-309.

Edge, J., **C. Mowry**, S. Benzel and J. Foley (2004) An ecological and bioacoustical study of coyotes (*Canis latrans*) in northwest Georgia. American Society of Mammalogists Annual Meeting Abstracts.

Edge, J. and **C. Mowry** (2004) An ecological study of eastern coyotes (*Canis latrans*) in northwest Georgia. *Southeastern Biology* 51(2): 139-140.

Edge, J. and **C. Mowry** (2004) An ecological study of eastern coyotes (*Canis latrans*) in northwest Georgia. *Georgia Journal of Science* 62: 25-26.

Mowry, C.B. (2003) An Ecological Study of Eritrean Grivet Monkeys (*Cercopithecus aethiops aethiops*). *American Journal of Primatology* 60 (S1): 74.

Fashing, P.J., **C.B. Mowry** and E.S. Dierenfeld (2002) Food selection by black and white colobus monkeys (*Colobus guereza*) in relation to plant chemistry in the Kakamega Forest, Kenya. *American Journal of Physical Anthropology* 117(S34): 69.

Powzyk, J.A. and **C.B. Mowry** (2001) Diet and Feeding Differences Between Two Sympatric Indrids: *Propithecus diadema diadema* and *Indri indri*. Abstracts of the American Society of Primatologists

Gaffney, S., W. Tramontano, E. Dierenfeld, C. Babb and **C. Mowry** (2001) The Effect of Tannin on the *in vitro* Solubilization of Iron. Proceedings of the American Zoo and Aquarium Association (AZA) Nutrition Advisory Group

Remis, M.J. and **C.B. Mowry** (1999) Niche Separation Between Grey-Cheeked Mangabeys and Gorillas During a Poor Fruit Season at Bai Hokou, Central African Republic. Abstracts of the American Society of Primatologists

Mowry, C.B. (1998) Feeding ecology of *Lemur catta*: Implications for captive populations. Congress of the International Primatological Society Abstracts

Mowry C.B., B.S. Decker, D.J. Shure. (1996) Factors influencing dietary choices of Tana River red colobus monkeys (*Procolobus badius rufomitratu*s). IPS/ASP Congress Abstracts

Mowry, C.B. and D.J. Shure (1994) Factors influencing dietary choices of Tana River red colobus monkeys (*Procolobus badius rufomitratu*s). Abstracts of the Ecological Society of America.

Other

Mowry, C.B. (2011) Seeking Ultimate Answers. *No Wake Zone (St. Catherines Island)* 6(11).

Mowry, C.B. (2002) An Ecological Study of Eritrean Grivets (*Cercopithecus aethiops*). Unpublished report to the National Geographic Society's Committee for Research and Exploration.

Mowry, C.B. (1997) Photograph of Tana River red colobus monkey in Diani's Monkeys, The Regal Press Kenya Ltd.

Mowry, C.B. (1997) Monkey Tales. *ZOOM Magazine (Zoo Atlanta)*.

EDITORIAL/REVIEW WORK

PLOS ONE

Journal of Mammalogy

Zoo Biology

International Journal of Primatology

African Primates

Current Zoology

Journal of Tropical Ecology

Biology: A Guide to the Natural World, Prentice Hall

National Science Foundation Doctoral Dissertation Proposals

National Science Foundation

Primate Conservation, Inc.

EarthWatch

Highlands Biological Station

FUNDED GRANTS

- | | |
|-------------|--|
| 2017 | Berry Funder Crowdfunding grant (<i>Peer Into the Secret Lives of Coyotes</i>), \$3,150 |
| 2016 - 2017 | Laura Maddox Smith Environmental Science grant (<i>Using Camera Traps and Vocalizations to Study Coyote Populations</i>), \$6,500/year |
| 2016 - 2017 | Georgia Power Entrepreneur Faculty Fellow, \$1,250/year |
| 2015 | Faculty Development grant (<i>The Study of Urban Coyote Populations</i>), \$1,191 |
| 2014 | Berry College Development of Undergraduate Research (DUR) grant, (<i>Prevalence of amphibian chytrid fungus Batrachochytrium dendrobatidis (Bd) infection in NW Georgia</i>) \$433 |

- 2009 & 2010 Laura Maddox Smith Environmental Science grant, \$5,200/year
- 2004 - 2006 National Science Foundation-Research Experience for Undergraduates Grant (NSF-REU), \$189,107 (co-participant)
- 2006 Summer Research Stipend, Berry College, \$3,500
- 1994 - 2012 Faculty Development Grants (periodic), Berry College
- 2003 Teaching Enhancement Grant, Berry College, \$1,000
- 1999 International Summer Research Grant, Berry College, \$2,500
- 1997 Committee for Research and Exploration, National Geographic Society An Ecological Study of Eritrean Grivets (*Cercopithecus aethiops*). \$8,000.
- 1990 - 1992 Research Grant, Emory University Graduate School of Arts & Sciences

PROFESSIONAL PRESENTATIONS

International and National

- 2017 The Wildlife Society, Raleigh, NC. "The Atlanta Coyote Project."
- 2010 Association of Southeastern Biologists, Asheville, NC. "Coyote (*Canis latrans*) diets in Yellowstone National Park."
- 2008 International Primatological Society, Edinburgh, Scotland. "Phytochemical analysis of the Tana River mangabey (*Cercocebus galeritus*) diet."
- 2006 American Society of Primatologists, San Antonio, TX, "Food selection by *Colobus guereza* in Kakamega Forest, Kenya"
- 2004 International Primatological Society, Torino, Italy. "Ecology and parasites of Eritrean grivet monkeys (*Cercopithecus aethiops aethiops*): preliminary findings."
- 2003 American Society of Primatologists, Calgary, Canada "An Ecological Study of Eritrean Grivet Monkeys (*Cercopithecus aethiops aethiops*)" - poster
- 2001 Nutrition Advisory Group, Orlando, FL "The Effect of Tannin on the *in vitro* Solubilization of Iron"

- 2001 American Society of Primatologists, Savannah, GA “Diet and Feeding Differences Between Two Sympatric Indrids: *Propithecus diadema diadema* and *Indri indri*”
- 1999 American Society of Primatologists, New Orleans, LA (with M. Remis) “Niche Separation Between Grey-Cheeked Mangabeys and Gorillas During a Poor Fruit Season at Bai Hokou, Central African Republic”
- 1998 International Primatological Society, Antananarivo, Madagascar “Feeding Ecology of *Lemur catta*: Implications for Captive Populations”
- 1997 Nutrition Advisory Group, Ft. Worth, TX “Secondary Compounds in Foods Selected by Free-Ranging Primates on St. Catherines Island, GA”
- 1996 International Primatological Society, Madison, WI “The Role of Phytochemistry in Dietary Choices of Tana River Red Colobus Monkeys”
- 1994 Ecological Society of America, Knoxville, TN “The Role of Phytochemistry in Dietary Choices of Tana River Red Colobus Monkeys”
- 1994 City University of New York, Hunter College, New York, NY “Feeding Ecology of the Tana River Red Colobus Monkey”

Regional and Local

- 2017 The Hike Inn, “Coyotes”
- 2016 Dominion Christian Academy, “Coyotes”
- 2016 Friends of McIntosh Reserve, “Coyotes”
- 2016 Chattahoochee Nature Center, “Coyotes”
- 2016 Georgia Association of Natural Resources Professionals, “Coyotes”
- 2016 Georgia Nature Photographers Association, “Coyotes-From the Wilderness to Main Street”
- 2016 Atlanta Audubon Society, “Coyotes-From the Wilderness to Main Street”
- 2015 Chattahoochee Parks Conservancy, “Coyotes-From the Wilderness to Main Street”

- 2015 & 2016 Georgia Southern University/St. Catherines Island, “Sea turtle nest depredation by coyotes”
- 2015 Zahner Conservation Lecture, Highlands Biological Station, “Coyotes-From the Wilderness to Main Street”
- 2015 Carrollton Rotary Club, “Coyotes: Who, What and Where”
- 2015 Blue Heron Nature Preserve (Atlanta, GA), “Coyotes: Who, What and Where”
- 2014 Kennesaw State University, Ecology, Evolution, Behavior, & Organismal Biology (EEBOB) seminar series, “Coyotes: Who, What and Where”
- 2014 Highlands, NC Plateau Audubon Society, “Coyotes”
- 2014 University of Tennessee Chattanooga Biology Seminar, “Coyotes”
- 2013 Chattahoochee Nature Center, “Coyotes”
- 2013 Druid Hills Civic Association (Atlanta, GA), “Coyotes”
- 2012 Dalton Science Café, “Coyotes Among Us”
- 2012 Fernbank Science Center (Atlanta, GA), “Coyotes: How can humans and coyotes coexist?”
- 2010 North Georgia URISA Sub-Chapter Meeting, “Home range, habitat use and morphology of coyotes (*Canis latrans*) in northwest Georgia”
- 2008 Highlands, NC Plateau Audubon Society, “Coyote Populations in the Southeast and Yellowstone National Park”
- 2005 USFS Southern Research Station, Coweeta Hydrologic Laboratory, Otto, NC. “Ecology of the Coyote in Northern Georgia”
- 1997-2003 Zoo Atlanta/Georgia Tech
“Primate Conservation and Field Work”
- 1997-98 Emory University Graduate Educational Studies Program
“Granite Outcrops”
- 1995 Zoo Atlanta
“Feeding Ecology of the Tana River Red Colobus Monkey”
- 1995 Emory University Human and Natural Ecology Program
“Global Climate Change”

SERVICE

Institutional (Berry College)

- School of MNS Research Committee (Chairman)
- General Education Assessment Committee
- Institutional Animal Care and Use Committee
- Coordinator for Biology Seminar Series
- Tri-Beta National Biological Honor Society Faculty Advisor
- Academic Advising
- School Promotion and Tenure Committee
- Writing Across the Curriculum Committee
- Information Technology Committee (Chairman)
- Academic Council
- Faculty Development Committee
- Conson C. Wilson Lecture Series Committee
- Curriculum Committee
- Faculty representative for the Morris K. Udall Scholarship
- Communications Committee
- Summer SOAR Advising
- Admissions Recruitment Events
- Copyright Committee
- Academic Liaison for Berry College Men's Lacrosse Team

Other

- Science Advisory Board, Project Coyote
- Scientific Advisory Council, Yellowstone Ecological Research Center, Bozeman, Montana
- Board of Scientific Advisors, Highlands Biological Station, Highlands, North Carolina
- Nutrition advisor for the ring-tailed lemur (*Lemur catta*) Species Survival Plan (SSP)
- Youth Sports Coach (lacrosse, basketball)
- Citizen's Police Academy, Marietta (GA) Police Department
- Meeting Park Home Owner's Association Board Member

PROFESSIONAL AFFILIATIONS

- The Wildlife Society
- Association of Southeastern Biologists
- Fauna and Flora International
- Society for Conservation Biology
- American Institute of Biological Sciences
- Sigma Xi
- Nutrition Advisory Group/American Zoo and Aquarium Association