

Christopher B. Mowry

Berry College
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Mt. Berry, GA 30149

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EDUCATION

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

PROFESSIONAL EXPERIENCE

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|-----------------------------|---|
| 1994 - present | 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 - 2016 | Graduate Faculty Member
University of Tennessee at Chattanooga |
| 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 (non-majors) (BIO 103)
- Behavioral Ecology (BIO 415)
- Conservation Biology (BIO 405)
- Seminar in Biology (BIO 490)
- Signature Learning Experience (BCC 300)

CURRENT RESEARCH PROJECTS

- Urban wildlife/Atlanta Coyote Project (www.atlantacoyoteproject.org)
- Coyote diets in Yellowstone National Park
- Sea turtles and coyotes on Dewees Island, SC

PUBLICATIONS

Articles

Haight, J.D., **C. B. Mowry**, L.A. Wilson, *et al* (2023) Urbanization, Climate and Species Traits Shape Mammal Communities From Local to Continental Scales. *Nature Ecology and Evolution*.

Mowry, C.B.; Wilson, L.A.; vonHoldt, B.M. (2021) Interface of Human/Wildlife Interactions: An Example of a Bold Coyote (*Canis latrans*) in Atlanta, GA, USA. *Diversity* 13, 372. <https://doi.org/10.3390/d13080372>

Mowry, C.B., A. Lee, Z.P. Taylor, N. Hamid, S. Whitney, M. Heneghen, J. Russell, and L.A. Wilson (2020) Using community science data to investigate urban coyotes (*Canis latrans*) in Atlanta, Georgia, USA. *Human Dimensions of Wildlife*. DOI: 10.1080/10871209.2020.1806415

Mowry, C.B. and L.A. Wilson (2019) Species richness within an urban coyote (*Canis latrans*) territory in Atlanta, Georgia, USA. *Urban Naturalist* 27: 1-14.

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 (2017) A survey of *Batrachochytrium dendrobatidis* occurrence in amphibians of Walker and Floyd Counties, Georgia, USA. *Herpetological Review* 48(4): 777-779.

Ganzhorn, J.U., S.J. Arrigo-Nelson, V. Carrai, M.K. Chalise, G. Donati, I. Droescher, 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 rufomitratu*s). *International Journal of Primatology* 17: 63-84.

Mowry, C.B. (1995) Possible infanticidal behaviour by a Tana River red colobus (*Procolobus badius rufomitratu*s). *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

J. Mann, K. Aiken, S. Whitney, C. Mulkey, M. Wrye, L. Wilson, and **C. Mowry** (2018) Species richness within an urban coyote (*Canis latrans*) territory. Association of Southeastern Biologists.

L. Wilson, **C. Mowry**, and E. Dymit (2018) Utilization of persimmon fruit (*Diospyros virginiana*) by mammals in north Georgia. Association of Southeastern Biologists.

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. Association of Southeastern Biologists.

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

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.

EDITORIAL/REVIEW WORK

Forests

Wildlife Society Bulletin

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

Primate Conservation, Inc.

EarthWatch

Highlands Biological Station

FUNDED GRANTS

2022	Georgia Ornithological Society, (<i>Motus Wildlife Tracking System at Berry College</i>), \$5,000
2021	Development of Undergraduate Research grant, (<i>Pine Snake Occupancy in a Montane Longleaf Pine Ecosystem</i>), \$1162
2021	Georgia Power Entrepreneur Faculty Fellow, (<i>The Atlanta Coyote Project</i>), \$15,000.
2019	Faculty Development grant (<i>The Atlanta Coyote Project website</i>), \$797.80

- 2019 Development of Undergraduate Research grant, (*Using Public Sighting Information to Investigate Coyote Use of Urban Habitats*), \$1000
- 2018 MNS School Travel grant, International Urban Wildlife Conference, Portland, OR, \$1,800
- 2017 Berry Funder Crowdfunding grant (*Peer Into the Secret Lives of Coyotes*), \$3,150
- 2016 - 2017 Laura Maddox Smith Environmental Science grant (*Using Camera Traps and Vocalizations to Study Coyote Populations*), \$6,500/year
- 2016 - 2018 Georgia Power Entrepreneur Faculty Fellow, \$1,250/year
- 2015 Faculty Development grant (*The Study of Urban Coyote Populations*), \$1,191
- 2014 Berry College Development of Undergraduate Research (DUR) grant, (*Prevalence of amphibian chytrid fungus *Batrachochytrium dendrobatidis* (Bd) infection in NW Georgia*) \$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

- 2023 International Urban Wildlife Conference, Washington, DC. “The Atlanta Coyote Project”
- 2021 International Urban Wildlife Conference, virtual. “An Example of a Bold Coyote (*Canis latrans*) in Atlanta, GA”
- 2019 International Urban Wildlife Conference, Portland, OR. “Species richness within an urban coyote (*Canis latrans*) territory.”
- 2018 Association of Southeastern Biologists, Myrtle Beach, SC. “Species richness within an urban coyote (*Canis latrans*) territory.”
- 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*)”
- 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”

INVITED SEMINARS (selected)

- 2023 • The Georgia Sierra Club, “The Atlanta Coyote Project” (Atlanta, GA)
• Skidaway Island Audubon, “The Atlanta Coyote Project” (Savannah, GA)
• Project Coyote/The Rewilding Institute, “The Atlanta Coyote Project” (virtual)
• Rome Rotary Club, “The Atlanta Coyote Project” (Rome, GA)
- 2022 • The Westminster School, “The Atlanta Coyote Project” (Atlanta, GA)
• Environment Sandy Springs, “The Atlanta Coyote Project” (Atlanta, GA)
- 2021 • University of Colorado, “The Atlanta Coyote Project” (Boulder, CO)
• Georgia State University Perimeter Campus, “The Atlanta Coyote Project” (Atlanta, GA)
- 2020 • Georgia Audubon Society, “The Atlanta Coyote Project” (Atlanta, GA)
- 2019 • Oglethorpe University, “The Atlanta Coyote Project” (Atlanta, GA)
• University of Georgia, “The Atlanta Coyote Project” (Athens, GA)
- 2018 • University of Copenhagen, Center for Macroecology, Evolution and Climate, “The Atlanta Coyote Project” (Denmark)
• Emory University, Neuroscience and Animal Behavior Program, “The Atlanta Coyote Project” (Atlanta, GA)
• Georgia Institute of Technology, Honors Program, “Peer Into the Secret Lives of Coyotes” (Atlanta, GA)
• Francis Marion University, “The Atlanta Coyote Project” (Florence, SC)
• Wildlife Rehab Education Network Conference, “The Atlanta Coyote Project” (Athens, GA)
- 2017 • Rome, GA ECO Center, “Peer Into the Secret Lives of Coyotes”
- 2016 • Georgia Association of Natural Resources Professionals, “Coyotes”

- Atlanta Audubon Society, “Coyotes: From the Wilderness to Main Street”
- 2015 • Georgia Southern University/St. Catherines Island, “Sea turtle nest depredation by coyotes”
 - Zahner Conservation Lecture, Highlands Biological Station, “Coyotes: From the Wilderness to Main Street” (Highlands, NC)
- 2014 • Kennesaw State University, Ecology, Evolution, Behavior, & Organismal Biology (EEBOB) seminar series, “Coyotes: Who, What and Where”
 - Highlands, NC Plateau Audubon Society, “Coyotes”
 - University of Tennessee Chattanooga Biology Seminar, “Coyotes”
- 2012 • Fernbank Science Center (Atlanta, GA), “Coyotes: How can humans and coyotes coexist?”
- 2010 • North Georgia URISA Sub-Chapter Meeting, Athens, GA, “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”

MEDIA (selected)

- 2023 • Sierra Magazine (article)
 - Green & Growing/WSB radio (interview)
 - InTune To Nature/WRFG radio (podcast)
 - Atlanta Journal-Constitution (article)
- 2022 • Berry Magazine (article)
- 2021 • Georgia Public Broadcasting, “Urban Coyotes” (film)
 - PopSci website (film)
 - Atlanta Journal Constitution (article)
 - Fox5 TV (interview)
- 2020 • CNN (interview)
 - Business Insider (interview)
 - Atlanta Magazine (interview)
 - Wake Forest Alumni Magazine (interview)
- 2019 • WABE 90.1/NPR (interview)
 - America’s Web Radio, The Business Hour (interview)
 - WRFG Atlanta (interview)

- Georgia Trust for Public Land Magazine (article)
- 2018 • Georgia Public Broadcasting/NPR (interview)
- Rome (GA) International Film Festival (RIFF) (film screening)
- Plaza Theatre, Atlanta, GA (film screening)
- Scholastic Magazine (article)
- 2017 • WSBTV (interview)
- CBS46 (interview)
- Emory Magazine (article)
- Atlanta Magazine (article)
- PBS “EcoSense For Living” documentary (film)
- Atlanta Journal Constitution (article)
- Atlanta InTown Magazine (article)
- Sullivan’s Island, SC Magazine (article)
- Marietta Daily Journal (article)
- Rome News Tribune (article)
- 2016 • WRFG Atlanta In Tune to Nature (interview)
- EmoryWire Alumni Magazine (interview)
- 2015 Urban Wildlife podcast (interview)
- WRGA Rome, GA (interview)
- 2014 • WABE 90.1/NPR (interview)
- WSBTV (interview)
- Atlanta Journal Constitution (article)

SERVICE

Institutional (Berry College)

- Faculty Assembly Parliamentarian
- Foundations Committee
- School of MNS Research Committee (Chairman)
- NSF-STEM Committee
- 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

- Board of Directors, Highlands Biological Station, Highlands, NC
- Science Advisory Board, Project Coyote
- Scientific Advisory Council, Yellowstone Ecological Research Center, Bozeman, MT
- Board of Scientific Advisors, Highlands Biological Station, Highlands, NC
- 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, Marietta, GA

PROFESSIONAL AFFILIATIONS

- The Wildlife Society
- Urban Wildlife Working Group
- 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