ASHLEY BRIGHAM MORRIS

Middle Tennessee State University, Department of Biology, Murfreesboro, Tennessee 37132
Email: ashley.morris@mtsu.edu or amorris.mtsu@gmail.com; Webpage: http://themorrislab.weebly.com/

Education

Ph.D. 2006 Botany University of Florida, Gainesville, FL
Dissertation title: *A multi-pronged approach to eastern North American biogeography: phylogeny, phylogeography, and predictive modeling of temperate woody plant species*

M.S. 2001 Botany University of Tennessee, Knoxville, TN
Thesis title: *Within and among population genetic variation in Fagus grandifolia within Great Smoky Mountains National Park*

B.S. 1997 Natural Resources University of the South, Sewanee, TN

Professional experience

2016-present	Associate Professor	Department of Biology Middle Tennessee State University, Murfreesboro, TN
2011-2016	Assistant Professor	Department of Biology Middle Tennessee State University, Murfreesboro, TN
2007-2011	Assistant Professor	Department of Biology University of South Alabama, Mobile, AL
2001-2007	Research Assistant	Florida Museum of Natural History University of Florida, Gainesville, FL
2000-2001	Teaching Assistant	School of Biological Sciences Washington State University, Pullman, WA
1998-2000	Teaching Assistant	Department of Botany University of Tennessee, Knoxville, TN
1997-1998	Research Technician	Dept. of Entomology & Plant Pathology University of Tennessee, Knoxville, TN

External Grants and Contracts Awarded

NSF Advancing Digitization of Biological Collections (ADBC) (2014-2018)
Title: *Digitization TCN: Collaborative Research: The Key to the Cabinets: Building and sustaining a research database for a global biodiversity hotspot*
Co-PI with Joey Shaw (PI, UTC) and Dwayne Estes (Co-PI, Austin Peay); $301,164

US Fish and Wildlife Service (2014-2018)
Title: *Population genetic structure of two federally endangered legumes, Astragalus bibullatus and Dalea foliosa*
PI; $39,568

US Fish and Wildlife Service (2013-2014)
Title: *Characterization of nuclear microsatellite loci in the federally endangered Astragalus bibullatus (Fabaceae) endemic to the limestone cedar glades of Middle Tennessee*
PI; $5,112

Discover Life in America (DLIA) (2012-2013)
Title: *ATBI: Soil microbial communities of the beech gaps of Great Smoky Mountains National Park*
PI; $3,500

BP / Marine Env. Sciences Consortium (MESC) at Dauphin Island Sea Lab (DISL) (2011)
Title: *Gulf of Mexico ecosystem integrity: Resilience of seagrass beds to oil contamination*
Co-PI with Anne Boettcher (USA); $77,060

US Fish and Wildlife Service (2011-2012)
Title: *Reproductive ecology and population genetic analysis of the Alabama red-bellied turtle*
Principal Investigator; $28,369

Institute for Marine Mammal Studies (2010-2012)
Title: *Genetic assessment of bottlenose dolphins stranded in Mississippi and Alabama before and after the Deepwater Horizon oil spill*
PI; $47,314
NOTE: This award was cancelled by IMMS in April 2011 due to a NOAA directive prohibiting the analysis of any dolphin tissues beginning in February 2010 as a result of 1) the BP oil spill and 2) an Unusual Mortality Event (UME) affecting bottlenose dolphins in the Northern Gulf of Mexico.

Institute for Marine Mammal Studies (2010)
Title: *Preliminary genetic survey of bottlenose dolphins stranded in Mississippi and Alabama*
PI; $6,334

National Science Foundation (2010-2012)
Title: *Integrating genomics and bioinformatics into an ecology and evolution-based undergraduate curriculum*
PI (Co-PIs: Ní Chadhain, Sherman, and Gray at USA); $199,496

International Carnivorous Plant Society (2009-2010)
Title: *Assessing abiotic and genetic control of pitcher morphology in Sarracenia*
PI; $3,400

LI-COR Biosciences (2008-2009)
Title: *Genomics Education Matching Fund (GEMF)*
PI; $61,739 (plus $41,000 match from USA)

Florida Native Plant Society (2003-2004)
Title: *The Illicium parviflorum Michx. ex Vent. (Illiciaceae) paradox: an endangered Florida endemic and its role in the horticultural trade*
PI (Graduate Student); $988

Botanical Society of America Karling Award (2002-2003)
Title: *Exploring the biogeographic history of eastern North American trees: a comparative phylogeographic approach*
PI (Graduate Student); $500

American Society of Plant Taxonomists, Graduate Student Research Award (2002-2003)
Title: *Phylogenetic patterns in New World Illicium*
PI (Graduate Student); $750

Society of Systematic Biologists Graduate Student Award (2002-2003)
Title: *Comparative phylogeography of eastern North American flora*
Principal Investigator; $1,897

Florida Native Plant Society Endowment Grant (2002-2003)
Title: *Population genetic structure of an endangered Florida endemic plant, Illicium parviflorum*
PI (Graduate Student); $498

Canon National Parks Science Scholars Program (2002-2005)
Title: *Biogeographic patterns in Eastern North America: Phylogeography of a regional flora with implications for modeling potential future species distributions*
PI (Graduate Student); $78,000

Canon National Parks Science Scholars Program (2001-2002)
Title: *Potential barriers to migration in Fagus grandifolia: implications for modeling population distributions under global climate change*
PI (Graduate Student), Honorable Mention; $2,000

Great Smoky Mountains Natural History Association Carlos Campbell Fellowship (1999-2000)
Title: *Genetic resistance to beech bark disease in American beech in Great Smoky Mountains National Park*
PI (Graduate Student); $3,600

<u>Internal Grants and Contracts Awarded</u>

MTSU Faculty Research and Creative Activity Committee (FRCAC) Award (2017)
Title: *Using new molecular tools to address old taxonomic questions in North American Clematis (the leather flowers)*
PI; $10,000

MTSU Foundation Special Projects (2014-2015)
Title: *MTSU Virtual herbarium project*
PI; $9,000

MTSU FRCAC (2014)
Title: *Using non-coding chloroplast DNA to resolve phylogeographic patterns in trees*
PI; $6,044

MTSU FRCAC (2012)
Title: *Development of a molecular toolbox for understanding relatedness in a medicinally important group of plants (the star anise family; Illiciaceae)*
PI; $9,950

Univ. of South Alabama A&S Support and Development (2009-2010)
Title: *Molecular systematics and population genetics seminar series*
PI; $1,500

University of South Alabama Research Council (2008-2009)
Title: *Phylogeographic structure of eastern North American trees: a molecular approach*
PI; $4,997

Univ. of South Alabama A&S Summer Professional Development (2008-2009)
Title: *Phylogeographic structure of eastern North American trees: a molecular approach*
PI; $6,000

Peer-reviewed Publications (*graduate students, **undergraduate students)

Yost JM, Sweeney PW, Gilbert E, Nelson G, Guralnick R, Gallinat AS, Ellwood ER, Rossington N, Willis CG, Blum SD, Walls RL, Haston EM, Denslow MW, Zohner CM, Morris AB, Stucky BJ, Carter JR, Baxter DG, Bolmgren K, Denny EG, Dean E, Davis CC, Mishler BD, Soltis PS, Mazer SJ (2017) Digitization protocol for scoring phenology from herbarium specimens of seed plants. *Applications in Plant Sciences, in review.*

Evans J, Morris AB (2016) Isolated coastal populations of *Tilia americana* var. *caroliniana* exhibit long-term persistence through vegetative growth. *American Journal of Botany*, 103, 1687-1693.

Fan D, Hu W, Li B, Morris AB, Zheng M, Soltis DE, Soltis PS, Zhang Z (2016) Idiosyncratic responses of evergreen broad-leaved forest constituents in China to the late Quaternary climate changes. *Scientific Reports*, 6, 31044.

Morris AB, Scalf C**, Burleyson A**, Johnson LT**, Trostel K* (2016) Development and characterization of microsatellite primers in the federally endangered *Astragalus bibullatus* (Fabaceae). *Applications in Plant Sciences*, 4, 1500126.

Howell JS*, Morris AB (2016) Niche partitioning in sympatric *Sarracenia* species at Splinter Hill Bog Preserve, Baldwin County, Alabama. *Carnivorous Plant Newsletter*, 45, 12-18.

Nelson G, Sweeney P, Wallace LE, Rabeler RK, Allard D, Brown H, Carter RJ, Denslow MW, Ellwood ER, Germain-Aubrey CC, Gilbert E, Gillespie E, Goertzen LR, Legler B, Marchant DB, Marsico TD, Morris AB, Murrell Z, Nazaire M, Neefus C, Oberreiter S, Paul D, Ruhfel BR, Sasek T, Shaw J, Soltis PS, Watson K, Weeks A, Mast AR (2015) Digitization workflows for flat sheets and packets of plants, algae, and fungi. *Applications in Plant Sciences,* 3, 1500065.

Shaw J, Shafer HL**, Leonard OR*, Kovach MJ, Schorr M, Morris AB (2014) Chloroplast DNA sequence utility for the lowest phylogenetic and phylogeographic inferences in angiosperms: The tortoise and hare IV. *American Journal of Botany*, 101, 1987-2004.

Hieb EE*, Nelson DH, Morris AB (2014) Oviductal eggs from road-kill turtles provide a novel source of DNA for population studies of the Alabama red-bellied turtle. *Conservation Genetics Resources,* 6, 837-839.

Hieb EE*, Nelson DH, Morris AB (2014) Genetic monitoring reveals loss of microsatellite diversity in a breeding population of the endangered Alabama red-bellied turtle. *Endangered Species Research*, 23, 253-261.

Morris AB, Millsaps NK**, Mason KQ**, Howell JS*, Speer JH (2014) Mature beech trees (*Fagus grandifolia*; Fagaceae) are persistently clonal in coves and beech gaps in the Great Smoky Mountains. *American Journal of Botany*, 101, 1-8.

Jackson TG*, Nelson DH, Morris AB (2012) Phylogenetic relationships in the North America genus *Pseudemys* (Emydidae) inferred from two mitochondrial genes. *Southeastern Naturalist*, 11, 297-310.

Hieb EE*, Jackson TG*, Nelson DH, Morris AB (2011) Characterization of eight polymorphic microsatellite loci for the endangered Alabama red-bellied turtle (*Pseudemys alabamensis*; Emydidae). *Conservation Genetics Resources*, 3, 781-783.

Newell DH**, Morris AB (2010) Clonal structure of wild populations and origins of horticultural stocks of *Illicium parviflorum* (Illiciaceae). *American Journal of Botany*, 97, 1-5.

Morris AB, Graham CH, Soltis DE, Soltis PS (2010) Reassessment of phylogeographical structure in an eastern North American tree using Monmonier's algorithm and ecological niche modelling. *Journal of Biogeography*, 37, 1657-1667.

Judd WS, Abbott JR, Morris AB (2008) *Illicium guajaibonense*, elevated to subspecies rank and compared with the subspecies of *Illicium cubense* (Illiciaceae). *Journal of Botanical Research Institute of Texas*, 2, 799-806.

Morris AB, Ickert-Bond SM, Brunson DB*, Soltis DE, Soltis PS (2008) Phylogeographical structure and temporal complexity in American sweetgum (*Liquidambar styraciflua*; Altingiaceae). *Molecular Ecology*, 17, 3889-3900.

Morris AB, Bell CD, Clayton JW, Judd WS, Soltis DE, Soltis PS (2007) Phylogeny and divergence time estimation in *Illicium* with implications for New World biogeography. *Systematic Botany,* 32, 236-249.

Soltis DE, Morris AB, McLachlan JS, Manos PS, Soltis PS (2006) Comparative phylogeography of unglaciated eastern North America. *Molecular Ecology*, 15, 4261-4293.

Sherman TD, Boone E, Morris AB, Woodard A, Goldman E, Martin DL, Gautier C, O'Brien JJ (2008) Investigations of internal interactions between the parasitic barnacle *Loxothylacus texanus* (Rhizocephala: Sacculinidae) and its host *Callinectes sapidus* (Brachyura: Portunidae) using PCR techniques. *Journal of Crustacean Biology*, 28, 220-227.

Morris AB*, Small RL, Cruzan MB (2004) Variation in frequency of clonal reproduction among populations of *Fagus grandifolia* Ehrh. in response to disturbance. *Castanea*, 69, 38-51.

Guerrero A, Judd WS, Morris AB* (2004) A new species of *Illicium* subsection *Parviflora* from the Massif de la Hotte, Haiti. *Brittonia*, 56, 346-352.

Scheen AC*, Brochmann C, Brysting AK, Elven R, Morris AB*, Soltis DE, Soltis PS, Albert VA (2004) Northern hemisphere biogeography of *Cerastium* (Caryophyllaceae): Insights from phylogenetic analysis of noncoding plastid nucleotide sequences. *American Journal of Botany*, 91, 943-952.

Morris AB*, Small RL, Cruzan MB (2002) Investigating the relationship between *Cryptococcus fagisuga* and *Fagus grandifolia* in Great Smoky Mountains National Park. *Southeastern Naturalist*, 1, 415-424.

Morris AB*, Baucom RS, Cruzan MB (2002) Stratified analysis of the soil seed bank in the cedar glade endemic *Astragalus bibullatus*: evidence for historical changes in genetic structure. *American Journal of Botany*, 89, 29-36.

Teaching Experience

Exhaustive list of courses taught at Middle Tennessee State University (MTSU, 2011-present)

- Fall 2017 — BIOL 4090/6090 Forest Ecology / majors elective / 16 enrolled
  BIOL 4280 Undergraduate Research / majors elective / 4 enrolled
  BIOL 6620 Biological Research / program requirement / 2 enrolled
  BIOL 6640 Thesis Research / program requirement / 1 enrolled
- Spr 2017 — BIOL 1000 Intro to the Biology Major / majors requirement / 24 enrolled
  BIOL 3250 Genetics lecture / majors requirement / 130 enrolled (2 sections)
- Fall 2016 — BIOL 1000 Intro to the Biology Major / majors requirement / 24 enrolled
  BIOL 3250 Genetics lecture / majors requirement / 60 enrolled
  BIOL 4280 Undergraduate Research / majors elective / 4 enrolled
  BIOL 6620 Biological Research / program requirement / 1 enrolled
  BIOL 6640 Thesis Research / program requirement / 1 enrolled
- Jun 2016 — BIOL 3250 Genetics lecture / majors requirement / 12 enrolled
- Spr 2016 — BIOL 3250 Genetics lecture / majors requirement / 33 enrolled
  BIOL 4120/5120 Flowering Plants / majors elective / 18 enrolled
  BIOL 4280 Undergraduate Research / majors elective / 5 enrolled
  BIOL 6630 Thesis Research / program requirement / 1 enrolled
- Fall 2015 — BIOL 3250 Genetics lecture / majors requirement / 75 enrolled
  BIOL 4060/6060 Dendrology / majors elective / 16 enrolled
  BIOL 4280 Undergraduate Research / majors elective / 2 enrolled
  BIOL 6620 Biological Research / program requirement / 1 enrolled
  BIOL 6630 Thesis Research / program requirement / 2 enrolled
- May 2015 — BIOL 4200 Senior Seminar / majors requirement / 13 enrolled
- Spr 2015 — BIOL 3250 Genetics lecture / majors requirement / 75 enrolled
  BIOL 4280 Undergraduate Research / majors elective / 3 enrolled
- Fall 2014 — BIOL 3250 Genetics lecture / majors requirement / 77 enrolled
  BIOL 3251 Genetics lab coordinator / majors requirement / 8 sections
  BIOL 4060/6060 Dendrology / majors elective / 17 enrolled
  BIOL 4280 Undergraduate Research / majors elective / 2 enrolled
  BIOL 6630 Thesis Research / program requirement / 2 enrolled
- Sum 2014 — MOBI 7010 Lab Rotation / program requirement / 1 enrolled

MOBI 7500 Directed Research / program requirement / 1 enrolled

- Spr 2014
  - BIOL 3250 Genetics lecture / majors requirement / 98 enrolled
  - BIOL 3251 Genetics lab coordinator / majors requirement / 8 sections
  - BIOL 6640 Thesis Research / program requirement / 3 enrolled
  - MOBI 7500 Directed Research / program requirement / 1 enrolled
- Fall 2013
  - BIOL 4060/6060 Dendrology / majors elective / 19 enrolled
  - BIOL 4200 Senior Seminar / majors requirement / 21 enrolled
  - BIOL 6620 Biological Research / program requirement / 2 enrolled
- Spr 2013
  - BIOL 3250 Genetics lecture / majors requirement / 97 enrolled
  - BIOL 3251 Genetics lab coordinator / majors requirement / 8 sections
  - BIOL 4280 Undergraduate research / 4 enrolled
- Fall 2012
  - BIOL 3250 Genetics lecture / majors requirement / 99 enrolled
  - BIOL 3251 Genetics lab / majors requirement / 47 enrolled (2 sections)
  - BIOL 4280 Undergraduate research / 3 enrolled
- Sum 2012
  - BIOL 3250 Genetics lecture / majors requirement / 23 enrolled
  - BIOL 3251 Genetics lab / majors requirement / 23 enrolled
- Spr 2012
  - BIOL 3250 Genetics lecture / majors requirement / 94 enrolled
  - BIOL 3251 Genetics lab / majors requirement / 22 enrolled
  - BIOL 4280 Undergraduate research / 5 enrolled
  - MOBI 7300 Special Topics / 5 enrolled
- Fall 2011
  - BIOL 3250 Genetics lecture / majors requirement / 75 enrolled
  - BIOL 3251 Genetics lab / majors requirement / 48 enrolled (2 sections)

Exhaustive list of courses taught at University of South Alabama (USA, 2007-2011)

- Spr 2011
  - BLY 302 Genetics lecture / majors requirement / 50 enrolled
  - BLY 490 Molecular Ecology lecture and lab / majors elective / 10 enrolled
  - BLY 494 Undergraduate Directed Studies / major elective / 1 enrolled
  - BLY 594 Graduate Directed Studies / major elective / 2 enrolled
- Fall 2010
  - BLY 302 Genetics lecture / major requirement / 46 enrolled
  - BLY 494 Undergraduate Directed Studies / major elective / 1 enrolled
  - BLY 592 Graduate Seminar / major requirement / 7 enrolled
- Spr 2010
  - BLY 302 Genetics lecture / major requirement / 15 enrolled
  - BLY 490 DNA Barcoding lecture and lab / major elective / 9 enrolled
  - BLY 494 Undergraduate Directed Studies / major elective / 1 enrolled
- Fall 2009
  - BLY 311 Genetics lecture / major elective (became required in 2010) / 58 enrolled (2 sections)
  - BLY 494 Undergraduate Directed Studies / major elective / 1 enrolled
- Spr 2009
  - BLY 122L General Biology II lab / major requirement / 24 enrolled
  - BLY 311 Genetics lecture / major elective / 45 enrolled
  - BLY 490 Molecular Markers / cross-listed undergraduate & graduate major elective / 19 enrolled
  - BLY 594 Graduate Directed Studies / major elective / 1 enrolled

- Fall 2008 BLY 311 Genetics lecture / major elective / 96 enrolled (2 sections)
  BLY 594 Graduate Directed Studies / major elective / 1 enrolled
- Spr 2008 BLY 122L General Biology II lab / major requirement / 24 enrolled
  BLY 311 Genetics lecture / major elective / 45 enrolled
  BLY 490 Molecular Markers / cross-listed undergraduate & graduate major elective / 16 enrolled
  BLY 494 Undergraduate Directed Studies / major elective / 1 enrolled
- Fall 2007 BLY 311 Genetics lecture / major elective / 44 enrolled
  BLY 312 Genetics lab / major elective / 5 enrolled
  BLY 594 Graduate Directed Studies / major elective / 2 enrolled
- Spr 2007 BLY 311 Genetics lecture / major elective / enrollment not available
  BLY 312 Genetics lab / major elective / enrollment not available

University of Florida (2001-2004)

- Fall 2004 BOT2800 Plants in Human Affairs Lecture
- Spr 2001/02 BOT2011 Plant Diversity Laboratory
- Sum 2001 BOT2010 Introduction to Botany Laboratory
- Sum 2002 BOT3151 Local Flora of North Florida Laboratory

Washington State University (2000)

- Fall 2002 BIOL102 General Biology Laboratory

University of Tennessee (1998-2000)

- Sum 2000 BIO240 Genetics Laboratory
- Spr 2000 BIO250 Ecology Laboratory
- Fall 1999 BOT Plant Ecology Laboratory
- Spr 1999 BIO102 Biology II for non-majors Laboratory
- Fall 1999 BIO101 Biology I for non-majors Laboratory

<u>Synergistic activities</u>

Professional Service

- 2016-2020 *Systematic Botany*, journal of American Society of Plant Taxonomists — Associate Editor
- 2017-2019 Association of Southeastern Biologists (ASB) — President
- Fall 2016 National Science Foundation (NSF) DEB — Electronic Reviewer
- Spring 2016 National Geographic Society (NGS) — Grant Reviewer
- Spring 2016 Society of Herbarium Curators (SHC) — Grant Reviewer
- 2015-2016 Association of Southeastern Biologists (ASB) — President-Elect
- Spring 2015 American Society of Plant Taxonomists (ASPT) — Grant Reviewer
- 2014-2015 Southeastern Section of Society of Herbarium Curators — Chair
- 2014-2015 Association of Southeastern Biologists (ASB) — Vice-President
- Fall 2014 National Science Foundation (NSF) DEB — Panelist

• Spring 2014	National Science Foundation (NSF) DEB	Panelist
• Summer 2011	National Science Foundation (NSF) DUE	Panelist
• 2010-present	Association of Southeastern Biologists (ASB)	Web Editor
• 2010-2013	Association of Southeastern Biologists (ASB)	Member-at-Large
• Summer 2010	National Science Foundation (NSF) DUE	Panelist
• 2009-2011	Association of Southeastern Biologists (ASB)	Education Comm.
• 2007-2009	Botanical Society of America (BSA)	Webpage Comm.

Reviewer for *African Journal of Biotechnology; American Journal of Botany; Annals of Botany; Applications in Plant Sciences; Botanical Journal of the Linnean Society; Conservation Biology; Conservation Genetics; Evolution; Genetica; International Journal of Molecular Sciences; International Journal of Plant Sciences; Journal of Biogeography; Journal of Systematics and Evolution; Journal of the Torrey Botanical Society; Journal of Tropical Forest Science; Molecular Ecology; Molecular Phylogenetics and Evolution; Organisms, Diversity, and Evolution; Plant Molecular Biology Reporter; PLoS One;* and *Systematic Botany.*

University, College, and Departmental Activities

Department or School:

• 2017-2018	MTSU	Department of Biology Promotion and Tenure Committee
• 2014-2016	MTSU	Department of Biology Web Committee
• 2014-2015	MTSU	Department of Biology Strategic Planning Committee
• 2014-present	MTSU	Department of Biology Freshman Course Committee
• 2014-2015	MTSU	Department of Biology Clicker Committee
• 2013-present	MTSU	Department of Biology Greenhouse Advisory Committee
• 2011-present	MTSU	Department of Biology Graduate Admissions Committee
• 2011-2015	MTSU	Department of Biology Graduate Scholarship Committee (Chair 2014-2015)
• 2011-2012	MTSU	Department of Biology Genomics Faculty Search Committee
• 2008-2009	USA	Department of Biology Microbiology Faculty Search Committee
• 2009-2010	USA	Department of Biology Instructor Search Committee
• 2010-2011	USA	Department of Biology Genetics Faculty Search Committee

College:

• 2017-present	MTSU	Molecular Biosciences PhD Program Executive Committee Chair
• 2015-present	MTSU	Molecular Biosciences PhD Program Executive Committee
• 2010-2011	USA	College of A&S Support and Development Awards Committee
• 2008-2010	USA	College of A&S Academic Programs and Planning Committee

University:

• 2016-2017	MTSU	University Committee on Academic Misconduct
• 2014-2016	MTSU	University Building Naming Committee
• 2013-2014	MTSU	University Committee on Academic Misconduct
• 2009-2011	USA	Institutional Animal Use and Care Committee (IACUC)

- 2007-2010 USA Biology Student Association (BSA) Faculty Advisor
- 2007-2010 USA University Committee on Undergraduate Research (UCUR) Summer Program Mentor
- 2007 USA Alabama Louis Stokes Alliance for Minority Participation (ALSAMP) Mentor

Public Service

- 2013-2014, 2016 Tennessee Science Olympiad Regional Tournament (MTSU) Event Coordinator; Elementary (2013, 2014, 2016) and High School (2013, 2014)
- 2011 Mobile County (Alabama) Schools Science Fair Judge
- 2010 Mobile County (Alabama) Schools Teacher In-service presentation (Epigenetics)

Membership in professional societies

American Society of Plant Taxonomists (ASPT)
Association of Southeastern Biologists (ASB)
Botanical Society of America (BSA)
Southern Appalachian Botanical Society (SABS)
Society of Herbarium Curators (SHC)