

CURRICULUM VITAE

BERNARD GOFFINET

REVISED SEPTEMBER 2026.

FIELD OF SPECIALIZATION

Systematics and Taxonomy of Bryophytes and Lichens.

PRESENT POSITION

Professor Department of Ecology and Evolutionary Biology, 75 North Eagleville Road, U-43,
University of Connecticut, Storrs CT, 06269-3043
Phone: 860-486-5290
Fax: 860-486-6364
E-mail: bernard.goffinet@uconn.edu
Web: <http://bryology.uconn.edu>
Orcid ID: 0000-0002-2754-3895

EDUCATIONAL BACKGROUND

1997: Ph.D., Botany, University of Alberta, Edmonton, Canada.
1989: "Licence en Sciences Biologiques" at the University of Liège, Belgium.

PROFESSIONAL BACKGROUND

2010–present University of Connecticut: Professor
2004–2010 University of Connecticut: Associate Professor
1999–2004 University of Connecticut: Assistant Professor
1997–1999 Duke University: Postdoctoral Research Associate

LANGUAGES

Fluent in French, German, and English, and elementary notions of Dutch and Spanish.

AWARDS AND HONORS

2025 Sullivant award for best paper on bryology published in the *Bryologist* in 2024 (volume 127), by the American Bryological and Lichenological Society: Buck W.R. & B. Goffinet. 2024. A new checklist of the mosses of the continental United States and Canada. *The Bryologist* 127: 484–549. DOI: [10.1639/0007-2745-127.4.484](https://doi.org/10.1639/0007-2745-127.4.484)
2021 UCONN-AAUP (American Association of University Professors), Excellence in Research & Creativity Career award.
2019 Special issue paper award from the *Journal of Systematics and Evolution* for the article by Medina, R., M.G. Johnson, Y. Liu, N.J. Wickett, A.J. Shaw & B. Goffinet, entitled "Phylogenomic delineation of *Physcomitrium* (Bryophyta: Funariaceae) based on

targeted sequencing of nuclear exons and their flanking regions rejects the retention of *Physcomitrella*, *Physcomitridium* and *Aphanorrhegma*” and published in the *Journal of Systematics and Evolution* 57: 404–417 in 2019. <https://doi.org/10.1111/jse.12516>. This publication also earned the first author the “JSE Outstanding Paper by Young Investigators Award”, in 2021.

- 2019 Sullivant award for best paper on bryology published in the *Bryologist* in 2018 (volume 121), by the American Bryological and Lichenological Society: Dong S., J.-Y. Xue, S. Zhang, L. Zhang, H. Wu, Z. Chen, B. Goffinet & Yang Liu. 2018. Complete mitochondrial genome sequence of *Anthoceros angustus*: conservative evolution of mitogenome in hornworts. *The Bryologist* 121: 14–22. <https://doi.org/10.1639/0007-2745-122.1.130>
- 2017 Excellent Scholar award (travel award) International Botanical Congress, Shenzhen, China, July 2017.
- 2014 Elected member of the Connecticut Academy of Science and Engineering (www.ctcase.org).
- 2013 Grady L. Webster Structural Botany Publication Award, which recognizes the most outstanding paper published in the *American Journal of Botany* in the field of structural and developmental botany in the last two years. The paper is: Budke, J.M., B. Goffinet & C.S. Jones. 2012. The cuticle on the calyptra matures before the sporophyte cuticle in the moss *Funaria hygrometrica*. *American Journal of Botany* 99: 14–22. (doi: 10.3732/ajb.1100311; <http://www.amjbot.org/content/99/1/14.abstract>)
- 2013 Richard Spruce Award in recognition of 25 Years of Outstanding Research in Bryology. Awarded by The International Association of Bryologists. Natural History Museum London, July 2013.
- 2013 Tuckerman Award for best paper on lichenology published in the *Bryologist* in 2012 (volume 115), by the American Bryological and Lichenological Society: Magain, N., B. Goffinet & E. Sérusiaux. 2012. Further photomorphs in the lichen family Lobariaceae from Reunion (Mascarene archipelago) with notes on the phylogeny of *Dendroscocaulon* cyanomorphs. *The Bryologist* 115: 243–254.
- 2013 University of Connecticut Alumni Association: Faculty Excellence in Research and Creativity Excellence in Research Award (Sciences)
- 1999 Stanley Greene Award (International Association of Bryologists) (research award \$2,000)
- 1996 Marie Louise Imrie Graduate Student Award (Research Travel; University of Alberta)
- 1995 A.J. Sharp Award (American Bryological and Lichenological Society; best student paper)

FELLOWSHIPS

- 1993/1994 University of Alberta Dissertation Fellowship
- 1990 Foundation Alice Seghers (Travel support; University of Liège)

EXTRAMURAL RESEARCH GRANT SUPPORT

- pending National Science Foundation (DEB-2641003) \$ \$1,303,201
Collaborative Research: ARTS/PurSUit. Discovery, circumscription, and association patterns of algae, fungi, and microbes in North American fog lichens (PI: Dr. B. Goffinet, Co-PIs: Drs. L. Lewis & A. Lindemann)
- 2024–2027 National Science Foundation (DEB-2333910) \$696,447

	Lions and tiger sharks, and hares...oh my! Stabilizing and providing digital access to eight decades of parasites from vertebrates (PI: Dr. J. Caira, Co-PI: Drs. K. Menard & B. Goffinet)	
2018–2021	National Science Foundation (DEB-1753811) Collaborative Proposal: Diversity of <i>Physcomitrium pyriforme</i> in North America and Europe: significance of autopolyploidy within a phylogenomic and experimental framework. (Collaborators: Dr. M. Johnson, Texas Tech & R. Medina, Augustana College; total award \$1,151,754).	\$605,327
2016–2019	National Science Foundation (DBI-1561640) CSBR: Ownership Transfer: Securing the future and accessibility of the Carl W. and Marian E. Rettenmeyer Army Ant Guest Collection. (PI: Dr. J. Caira; Co-PI: Drs. J. O'Donnell & B. Goffinet).	\$499,850
2014–2017	National Science Foundation (DEB-1354631) Collaborative Research: Starting from scratch with <i>Sticta</i> : Evolution, diversification, and conservation of a megadiverse flagship lichen genus. (Collaborators: Drs. T. Lumbsch & R. Lücking, The Field Museum; total award \$497,861).	\$223,000
2013–2016	National Science Foundation (DEB-1240045) Collaborative Research: AToL: Assembling the Pleurocarp Tree of Life: Resolving the rapid radiation using genomics and transcriptomics. (Collaborators: Dr. A.J. Shaw, Duke & Dr. N. Wickett, Chicago Botanical Garden; total award: \$1,364,397)	\$484,948
2012	National Science Foundation (DEB-1212505) Funding for support of graduate students to attend joint international conferences on molecular systematics of bryophytes and bryophyte genomics, and for professional development for 4-12 science teachers in NY in June 2012. (co-PI: Drs. Amy Litt, DorothyBelle Poli & William R. Buck).	\$38,080
2012–2015	National Science Foundation (DEB-1146295) Rapid radiation and sporophyte evolution in the Funariaceae: inferences from phylogenomics and cross generational cuticle development studies	\$531,550
2009–2012	National Science Foundation (DEB 0919284) (Co-PI: Dr. C. Jones; UCONN) Reduction & reversal in the Funariaceae: phylogenetic perspective on sporophyte complexity and role of the calyptra.	\$599,242
2006–2012	National Science Foundation (EF 0531557) ATOL, Collaborative: Assembling the liverwort tree of life: window into the evolution of early land plants. (Six institutions, total award \$2,839,578). REU supplements 2007 (\$6,500), 2008 (\$7,000) and 2009 (\$8,500)	\$573,075
2001–2004	National Science Foundation (DEB 0089633) Collaborative: Phylogenetic and geographic patterns in moss diversity. (Collaborative grant with Duke; total award \$600,000).	\$22,000 \$264,564
1998–2001	National Science Foundation Morphological and molecular investigations in the Orthotrichae (Orthotrichaceae, Bryopsida) (PI: Dr. A.J. Shaw-DUKE; N.B.: I was responsible for the project; Duke does not allow a post-doc to be a PI)	\$190,000
1995	Alberta Natural Heritage	C\$ 2,475
1996	Alberta Natural Heritage	C\$ 2,475
1992–1994	National Geographic Society (Official PI: D.H. Vitt, Dissertation project, National Geographic did not allow graduate students to be PI on grants)	C\$ 17,000
EXTRAMURAL RESEARCH GRANT SUPPORT FOR Ph.D. STUDENTS		\$40,896
2013–2015	National Science Foundation (DEB 1311405)	\$19,753

Doctoral Dissertation Improvement Grant (thesis by Lily Lewis, co-PI): Resolving bipolar phylogeographic histories in dispersal limited mosses: a RAD-Seq approach

2009–2011	National Science Foundation (DEB 0910258) Doctoral Dissertation Improvement Grant (thesis by Juan Carlos Villarreal): Genetic consequences of the shift to asexuality in bryophytes: insights from the hornwort <i>Megaceros aenigmaticus</i> .	\$9,594
2004–2006	National Science Foundation (DEB 0408043) Doctoral Dissertation Improvement Grant (thesis by Norman Wickett): Chloroplast evolution of the non-photosynthetic liverwort <i>Cryptothallus mirabilis</i> (Aneuraceae).	\$11,549

INTRAMURAL GRANT SUPPORT (University of Connecticut)

\$206,473

2025	Scholarship Facilitation Fund — publication cost	\$2000
2019	R. Jack Schultz Faculty Research Fund. Understanding plant evolution through a new moss reference genome (Drs. Jill Wegrzyn and Bernard Goffinet)	\$1,500
2017	Comparative genomics and transcriptomics of closely related mosses with contrasting architectural complexities (co-PI J. Wegrzyn)	\$49,940
2016	Using digital image acquisition to enhance plant biodiversity education Jones (PI), Diggle, Goffinet, Lewis, Les (co-PIs). CETL Provost Teaching Innovation Mini Grant competition.	\$5,000
2011	Rapid radiation and sporophyte evolution in the Funariaceae (Mosses): inferences from phylogenomics	\$21,000
2010	Assembling chloroplast genomes and screening microsatellite loci from total genomic liverwort 454 sequences Equipment grant: upgrade of automated capillary sequencer (co-PI)	\$23,373 \$33,000
2007	Surveying loci for resolving the phylogeny of Funariaceae (PI)	\$935
2005	Providing a phylogenetic and ontogenetic framework for functional genomics studies in the model species <i>Physcomitrella patens</i> .	\$14,625
2002	Support for organizing annual meeting of the American Bryological and Lichenological Society in Storrs 2003	\$2,100
2000	Equipment grant: Acquiring an automated capillary sequencer (co-PI)	\$55,000

FORMAL COLLABORATIVE PROJECTS WITH FUNDING AT OTHER INSTITUTIONS

2005	National Geographic Society (7942-05) Award to Robert Raguso (with Paul Marino and Bernard Goffinet as Co-PIs); Odor, color and fly-mediated spore dispersal in dung mosses (Splachnaceae).	\$23,806.83
1991	National Geographic Society The geographic distribution and ecological preferences of the epiphytic moss genus <i>Macromitrium</i> in the neotropical montane forests". (this grant was awarded to Dr. Dale Vitt, as NGS did not at that time allow graduate students to be PIs).	C\$14,600

TEACHING

Courses developed and taught at the University of Connecticut (AY: alternate years):

2026 S & F	Recent discoveries in biodiversity
2023, 2024	Seminar on symbiosis
2022, 2024	Seminar on Botanical Nomenclature

2020, 2022	Writing in Evolution (EEB2245W)
2020	Undergraduate seminar "Introduction to Genome science", co-taught
2002	Seminar "Molecular Evolution and Adaptive Radiation"
1999–present AY	Introduction to Botany (BIO 1110; includes a laboratory)
1999–present AY	Biology of Bryophytes and Lichens (EEB3240/5240; includes a laboratory)
1999–present AY	Evolution of Green Plants (EEB 3220/5220; includes a laboratory) co-taught with Dr. Louise Lewis
irregularly	seminar on bryophyte biology
Invited lecturer (lecture of selected topics)	
2026	Paleobryology. Virtual Argentine Symposium of Paleobotany and Palynology and the International Palynology Congress. Trelew (Chubut, Argentina).
2022	Basic and applied lichenology. Virtual course offered by University of Magallanes, Chile; co-instructor.
2009–present	University of North Texas, Biocultural conservation (annual, one lecture)
2014–present	EEB 5500 1 credit course Introduction to Natural History Collections (every semester)
2010–2013, 2015, 2017– 2019	Fields of Technology (UCONN, Dept. of Modern Languages, GERM 3222)
2011	Topics in Modern Biology (UCONN, BIO1109)
2009, 2010, 2018	Introduction to Undergraduate Research (UCONN, BIO2289)
1997	Duke University, Biology of Bryophytes
1995	University of Alberta, Biology of Fungi
1994	University of Alberta, Biology of Bryophytes
1992	Faculté St. Jean (Edmonton, AB), Introduction to Biology
Additional courses	
2003	Field course on Cryptogams of Southern Patagonia (developed the lectures)

PROFESSIONAL SERVICES

ELECTED POSITIONS

2023–2027	Executive committee (Past President) of International Association of Bryologists (IAB)
2015–2023	President of International Association of Bryologists (IAB)
2010–2012	American Bryological and Lichenological Society executive committee
2003–2005	American Bryological and Lichenological Society member-at-large

EDITORIAL BOARDS

Editor

2010–2012	<i>The Bryologist</i> (American Bryological and Lichenological Society [i.e., ABL])
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Associate editor:

2020	Special issue editor for <i>Plant and Fungal Systematics</i> (Festschrift for Dr. E. Sérusiaux)
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- Special issue editor for *Frontiers in Plant Sciences* (Highlights of IAB IMOSS SEB 2019 Joint Conference)
- 2014–present *Bryophyte Diversity and Evolution* (formerly *Tropical Bryology*; published by International Association of Bryologists)
- 2013–2019 *The Bryologist* (ABLS)
- 1999–2019 *Cryptogamie-Bryologie* (Paris, France)

Editorial board

- 2017–present *Plant and Fungal Systematics* (formerly Polish Journal of Botany)
- 2016–present *Anatolian Bryology* (Turkey)
- 2014–present *Plant Diversity* (formerly *Plant Diversity and Resources*, *Acta Botanica Yunnanica*; CAS Kunming Institute of Botany, China)
- 2010–present *Plant Ecology and Evolution* (formerly Belgian Journal of Botany, Brussels, Belgium)
- 2001–present *Anales de Biología* (University of Murcia, Spain)

CONFERENCES

- 2025 Members of organizing committee of biennial meeting of the International Association of Bryologists in Jiji (Taiwan) Oct. 13–17, 2025.
- 2023 Co-organizer (with Catherine Reeb, Juan Carlos Villarreal & Matt von Konrat) of virtual biennial meeting of the International Association of Bryologists. December 13, 2023.
- 2021 Co-Chair (with Juan Carlos Villarreal) of organizing committee of the biennial meeting of the International Association of Bryologists (joint meeting with Canadian Botanical Association, American Bryological and Lichenological Association and Société Québécoise de bryologie). Québec, Canada, July 6–9, 2021 (virtual).
- 2017 Organizer (with Dr. Dietmar Quandt, University of Bonn, Germany) of symposium entitled “The Moss Tree of Life: Phylogenomic approaches to reconstruct moss evolution, diversification, biogeography and biotic interactions” at the International Botanical Congress in Shenzhen, China, July 23–29, 2017.
- Co-organizer (with Dr. Yang Liu) of symposium entitled “Plant organellar genomics and phylogenomics driven by NGS approaches” at the International Botanical Congress in Shenzhen, China, July 23–29, 2017.
- 2016 Co-organizer (with Dietmar Quandt, University of Bonn, Germany). 2nd international conference on pleurocarp systematics. Nees Institute for Plant Biodiversity, University of Bonn, Germany, June 9–12. <https://www.pleurocarps.nees.uni-bonn.de/home>
- 2015 Co-organizer (with Francisca Massardo, Universidad de Magallanes; Andrés Mansilla, Universidad de Magallanes; Ricardo Rozzi, University of North Texas; Mary Kalin Arroyo, Institute of Ecology and Biodiversity (TBC); Juan Armesto, Institute of Ecology and Biodiversity (TBC); Francisco Squeo, Institute of Ecology and Biodiversity (TBC); Lohengrin Cavieres, Institute of Ecology and Biodiversity (TBC). Biennial meeting of the International Association of Bryologists. Navarino Island, Chile. January 2015.
- 2012 Co-organizer (with Drs. DorothyBelle Poli–Roanoke college; Amy Litt and William Buck—New York Botanical Garden). Moss 2012 (Bryophyte Genomics meeting) and 3rd International Symposium on Molecular Systematics of Bryophytes (Evolution and diversification of bryophytes: insights from genes and genomes). New York Botanical Garden, Bronx, NY, June 16–22, 2012.

- 2011 Co-organizer (with Dr. A.J. Shaw-Duke University) of symposium entitled “Phylogeny and evolution of liverworts: a window into early land plant diversification” at the XVIII International Botanical Congress in Melbourne, Australia, July 2011.
- 2004 Member of Academic committee for the International Association of Bryologists meeting in Meridad, Venezuela (January 2004); symposium on Molecular Evolution in Bryophytes.
- 2003 Co-organizer (with Dr. R. Magill—Missouri Botanical Garden) of international symposium “Molecular Systematics of Bryophytes: Progress, Problems and Perspectives”, Missouri Botanical Garden, St. Louis, Sept. 6&7, 2003.
- 2002 Organizer of the Annual meeting of the American Bryological and Lichenological Society in Storrs, CT (July 23-29, 2002).
- 1999 Co-organizer (with Dr. T. Hedderson—University of Reading, UK) of symposium entitled “Evolutionary Biology of the Bryopsida (Mosses)”: A synthesis” at the XVI International Botanical Congress in St. Louis, Missouri.

SERVICES TO PROFESSIONAL SOCIETIES

- 2025– ABLs-Bryophyte Conservation Committee
- 2024–2025 International Association of Bryologists (IAB): election committee (chair).
- 2024–2027 International Association of Bryologists (IAB): executive committee.
- 2024–2025 International Association of Bryologists (IAB): election committee.
- 2024 International Association of Bryologists (IAB): Adjudication committee: Hedwig Medal award for life-time contributions to Bryology
- 2023 International Association of Bryologists (IAB): Adjudication committee: Richard Spruce award for important contributions to bryology, within the first 25 years of one’s career
- 2018 International Association of Bryologists (IAB): Adjudication committee: Hedwig Medal award for life-time contributions to Bryology
- 2018 Adjudication committee for ABLs Anderson & Crum award (student research)
- 2017–present International Committee for Botanical Nomenclature: Bryophyte Committee
- Adjudication committee for ABLs Anderson & Crum award (student research)
- 2014 Adjudication committee for ABLs best student presentation
- Adjudication committee for ABLs Anderson & Crum award (student research)
- 2013–present Adjudication committee for ABLs Tuckerman and Sullivant awards (best papers in The Bryologist)
- 2009 International Association of Bryologists (IAB): Adjudication committee: Richard Spruce award for important contributions to bryology, within the first 25 years of one’s career
- 2007 IAB: Adjudication committee (chair) for Stanley Greene Award
- IAB: Adjudication committee (chair) for student travel award
- 2005 IAB: Adjudication committee for Hedwig Medal award for life-time contributions to Bryology
- 2001 International Association of Bryologists (IAB): Adjudication committee: Hedwig Medal award for life-time contributions to Bryology
- 2000 American Bryological and Lichenological Society (ABLS): Adjudication committee: A.J. Sharp award for best student presentation

SERVICES TO OTHER INSTITUTIONS

2012 University of Helsinki, Finland. Outside member of search committee for curator of cryptogams position

SERVICES TO CONNECTICUT ACADEMY OF SCIENCE AND ENGINEERING

2017 Adjudication committee for Connecticut Medal of Science

PEER REVIEWS

Acta Bryolichenologica Asiatica, Action Bioscience (AIBS website), American Journal of Botany, Annales Botanici Fennici, Annals of Botany, Annals of the Missouri Botanical Garden, Antarctic Science, Australian Systematic Botany, Biochemical Systematics and Ecology, Biological Reviews, Bioscience, Botanical Journal of the Linnean Society, Brittonia, Bryologist, Bryophyte Diversity and Evolution, Canadian Journal of Botany (now Botany), Critical Review in Plant Sciences, Cryptogamie—Bryologie, Current Biology, Edinburgh Journal of Botany, Evolution, Fieldiana, Flora North America (Bryophytes), Freshwater Biology, Graphis Scripta, Hattoria, Heredity, Herzogia, International Journal of Plant Sciences, Journal of Biogeography, Journal of Bryology, Journal of Molecular Biology, Journal of Molecular Evolution, Lichenologist, Mitochondrial DNA Part B: Resources, Molecular Phylogenetics and Evolution, MycoKeys, Mycologia, New Phytologist, New Zealand Journal of Botany, Nordic Journal of Botany, Opuscula Philolichenum, Phytotaxa, Plant and Fungal Systematics, Plant Molecular Biology, Plant Systematics and Evolution, PLOS ONE, Polish Botanical Journal, Rhodora, Rodriguésia, Science, Scientific Reports, Systematic Botany, Systematic Biology, Taxon, Trends in Plant Science, Vegetatio.

GRANT PROPOSAL REVIEW

Austrian Science Foundation, Dutch Research Foundation, Italian Ministry of Research, National Foundation for Scientific Research (Belgium), National Geographic Society, National Science Center (Poland), National Science Foundation (USA; DEB, OPUS, Graduate Research Fellowship Program panel), South African National Research Foundation, Swiss National Science Foundation, Synthesis (Synthesis of Systematic Resources; European Union), and University of Connecticut Research Foundation.

UNIVERSITY SERVICE

DEPARTMENTAL

Director of Biodiversity Research Collections (2006–2025)

Director CONN herbarium (2019–2022)

Committees: Accolades (2025), best dissertation (2017), best teaching assistant award (2024, 2025), biology 1000s (2018–present), brochure (2019), collections (2002–2025), course and curriculum (2005–2014), development (2025–2026), graduate student admission committee (2006–2012, 2013–2021, 2022–present), greenhouse (2019–2025); head advisory (2013–fall), herbarium (1999–2025), outstanding graduate student teaching assistant award (2023–present), poster (1999–2000), promotion & tenure (2014, 2015, 2022), search committee (herbarium manager position: 2004; 2006; 2017; genomics: 2011; invertebrate collection manager: 2019; living plant collection manager: 2020; vascular plant evolutionary biologist [co-chair]: 2021), self—review (graduate program: 2012; associate chair: 2012), seminar (1999–2010), space committee (2013–present), student research presentation (judge, 2024), summer research awards (2005, 2006, 2019, 2022–2024).

Other: bookkeeper for Automated Sequencer (billing; 2001–2023)

Co-organizer of annual welcoming event for incoming graduate students (2001, 2002, 2004, 2005)

BIOLOGY

The Paul L. Drotch Undergraduate Biology Scholarship Committee (chair: 2025–present)

COLLEGE COMMITTEES

Building committee for Biology under Next Gen CT (2013–2014; 2015–2022)
CLAS Dean Academic Advisory Board (2015–2016)
CLAS- Deans Advisory Council for Promotion, Tenure, and Reappointment (2022 [chair]–2023 [chair])
Search committee for BCS grants and contracts specialist (2010)

UNIVERSITY COMMITTEES

Collections committee (2018–2025)
General Education Oversight committee (co-chair Science and Technology subcommittee; 2015–2019)
Office of Sponsored Programs Advisory committee (2006)
Parking Appeals Review committee (2017–2019)
Parking advisory committee (2014–2016)
Reviewer for Vice Provost's Research Excellence funding program (2016)
Search committee for International Advisor (Winter 2002–2003)
University Senate (2016–2017)

PUBLICATIONS

THESES

Goffinet, B. 1997. Circumscription and phylogenetic trends in the Orthotrichales (Bryopsida). Ph.D. dissertation. University of Alberta, Edmonton, Canada.

Goffinet, B. 1989. La végétation épiphytique de la hêtraie du Rurbusch. Bases écologiques nouvelles pour la gestion de la Réserve forestière. Mémoire de licence. Université de Liège, Liège, Belgium.

BOOKS

9. Rozzi R., F. Massardo, A. Mansilla, F.A. Squeo, E. Barros, T. Contador, M. Frangopulos, E. Poulin, S. Rosenfeld, **B. Goffinet**, C. González-Weaver, R. MacKenzie, R.D. Crego, F. Viddi, J. Naretto, M.R. Gallardo, J.E. Jiménez, J. Marambio, C. Pérez, J.P. Rodríguez, F. Méndez, O. Barroso, J. Rendoll, E. Schüttler, J. Kennedy, P. Convey, S. Russell, F. Berchez, P.Y.G. Sumida, P. Rundell, A. Rozzi, J. Armesto, M. Kalin-Arroyo & M. Martinic. 2017. *Parque Marino Cabo de Hornos — Diego Ramirez. Informe Técnico para la Propuesta de Creación*. Programa de Conservación Biocultural Subantártica, Ediciones Universidad de Magallanes, Punta Arenas, Chile. Available at https://issuu.com/umag9/docs/ebook_low_parque_marino_umag_fin_di
8. Rozzi R., L. Lewis, F. Massardo, Y. Medina, K. Moses, M. Ménendez, L. Sancho, P. Vezzani, S. Russell & **B. Goffinet**. 2012. *Ecotourism with a Hand Lens in the Omora Park*. 190 p. Photography by Adam M. Wilson and collaborators. Sub-Antarctic Biocultural Conservation Program, Universidad de Magallanes - University of North Texas. Ediciones Universidad de Magallanes.
7. **Goffinet B.**, R. Rozzi, L. Lewis, W.R. Buck, & F. Massardo. 2012. *Miniature Forest of Cape Horn/Los Bosques en Miniatura del Cabo de Hornos. Ecotourism with a hand lens/Ecotourismo con lupa*. 445 p. University of North Texas Press (Denton, TX) & Ediciones Universidad de Magallanes (Punta Arenas, Chile).
6. Vanderpoorten A. & **B. Goffinet**. 2009. *Introduction to Bryophyte Biology*. 303 p. Cambridge University Press. Cambridge, UK.
5. **Goffinet B.** & A.J. Shaw (eds.). 2009. *Bryophyte Biology* (2nd edition). 565p. Cambridge University Press. Cambridge, UK. (completely revised edition of Shaw & Goffinet 2000, with 6 revised chapters, and 6 new chapters).

4. **Goffinet B.**, W. R. Buck, P. Massardo & R. Rozzi. 2006. *The Miniature Forests of Cape Horn*. Fantastico Sur - Universidad de Magallanes. 255 p. Punta Arenas, Chile.
3. **Goffinet B.**, V. Hollowell & R. Magill (eds.). 2004. *Molecular Systematic of Bryophytes. Monographs in Systematic Botany from the Missouri Botanical Garden* 98: 1–448.
2. Shaw A.J. & **B. Goffinet** (eds.). 2000. *Bryophyte Biology*. 476 p. Cambridge University Press. Cambridge, UK.
1. **Goffinet B.** & U. Penz. 1991. *Im Wallonischen Venn*. German translation of: Frankard, Ph. *et al.* (1990). *Promenades en Fagne wallonne*. 141 pp. ASBL Hautes-Fagnes, Belgium.

BOOK CHAPTERS AND CONTRIBUTIONS

17. Rozzi R., **B. Goffinet**, C. Castro. 2024. Ökotourismus mit der Lupe. P: 17–18 In Wälder (eds. A. Bohnenkamp-Renken, B. Franzen, N. Lepp & K. Meyer). Europrint Medien GmbH, Berlin, Germany.
16. Sánchez-Jardón L., **B. Goffinet** & R. Rozzi. 2020. Pioneros Vegetales. Pages 194–195. In: R. Rozzi, F. Morello, F. Massardo & C. Aldunate (eds.), *Estrecho de Magallanes: Tres Descubrimientos*. Santiago, Chile: Colección Santander, Museo de Chileno de Arte Precolombino.
<https://museo.precolombino.cl/wp-content/uploads/2020/11/Estrecho-de-Magallanes.-Tres-descubrimientos.pdf> (whole book)
15. Rozzi R., M.T. La Valle, S. Russell, **B. Goffinet** & F. Massardo. 2020. Ecotourism with a hand-lens: a field environmental philosophy experience from the South of the world. Pages: 222–239. In: R. Frodeman & E. Brister (eds.), *A Guide to Field Philosophy. Case Studies and Practical Strategies* (1st edition). Routledge, a Taylor and Francis Group.
14. **Goffinet B.** & W. R. Buck. 2013. The evolution of body form in bryophytes. Pages 51–90. In: B. Ambrose and M. Puruganan (eds.), *The Evolution of Plant Form*. Wiley–Blackwell. *Annual Plant Reviews* 45: 51–90. (doi: 10.1002/9781118305881.ch2).
13. **Goffinet B.**, W.R. Buck & A.J. Shaw. 2009. Morphology and classification of the Bryophyta. Pages 55–138. In: B. Goffinet & A.J. Shaw (eds.), *Bryophyte Biology, 2nd edition*. Cambridge University Press.
12. **Goffinet B.** 2007. *Aphanorrhegma* Sull. *Physcomitrella* Bruch & Schimper, *Pyramidula* Bridel and *Rhachithecium* Le Jolis. Pages: 181–182, 194–195, 199 and 468–469, respectively. In: Flora of North America Editorial Committee, eds. 1993+. *Flora of North America North of Mexico, volume* 27. New York and Oxford.
11. Vanderpoorten A., **B. Goffinet** & D. Quandt. 2006. Utility of the internal transcribed spacers of the 18S-5.8S-26S nuclear ribosomal DNA in land plant systematics with special emphasis on Bryophytes. Pages 385–407. In: A.K. Sharma & A. Sharma (eds.), *Plant Genome: Biodiversity & Evolution*. Volume 2B: Lower plants. Science Publishers, Enfield NH.
10. **Goffinet B.** 2006. Splachnobryaceae. Pages 159–162. In: P. McCarthy (ed.), *Flora of Australia, volume* 51: *Mosses 1*. Australian Biological Resources Study and CSIRO Publishing.
9. **Goffinet B.** 2006. Splachnaceae. Pages 173–181. In: P. McCarthy (ed.), *Flora of Australia, volume* 51: *Mosses 1*. Australian Biological Resources Study and CSIRO Publishing.
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DISTRIBUTION RECORDS AND OTHER NON-REVIEWED PUBLICATIONS

16. **Goffinet, B.** & N. Salazar. 2025. Reporting *Zygodon fragilis* H. Rob. new to Panama and Central America. In Ellis L. T., D.J. Alvarez, G. Bacilliere, J. R. D. Bindernagel, I. V. Czernyadjeva, D. de Beer, I. Draper, N. G. Earley, J. Enroth, S. Gey, **B. Goffinet**, T. Kiebacher, F. Lara, C. N. Manju, A. L. Mateo, Jiménez, F. M. McGhee, B. Mufeed, J. Nieuwkoop, R. Ochyra, S. V. O’Leary, F. Osorio, L. Oyarzún-Contreras, R. R. Paulu, V. Plášek, T. Pócs, R. D. Porley, M. Puglisi, K. P. Rajesh, K. K. Rawat, V. Sahut, N. Salazar Allen, A. Schäfer-Verwimp, H. Siebel, O. M. Sruthin, B. M. Starzomski, G. M. Suárez, D. B. L. Tucker, P. Uotila, P. M. Vineesha, P. Wang, N. Wilding, R. H. Zander & T.-X. Zheng. New national and regional bryophyte records, 80. *Journal of Bryology* 47: 71–85.
15. **Goffinet, B.** 2025. Reporting *Macromitrium fragilicuspis* Card. new to the Dominican Republic and the Antilles. In Ellis L. T., D.J. Alvarez, G. Bacilliere, J. R. D. Bindernagel, I. V. Czernyadjeva, D. de Beer, I. Draper, N. G. Earley, J. Enroth, S. Gey, **B. Goffinet**, T. Kiebacher, F. Lara, C. N. Manju, A. L. Mateo, Jiménez, F. M. McGhee, B. Mufeed, J. Nieuwkoop, R. Ochyra, S. V. O’Leary, F. Osorio, L. Oyarzún-Contreras, R. R. Paulu, V. Plášek, T. Pócs, R. D. Porley, M. Puglisi, K. P. Rajesh, K. K. Rawat, V. Sahut, N. Salazar Allen, A. Schäfer-Verwimp, H. Siebel, O. M. Sruthin, B. M. Starzomski, G. M. Suárez, D. B. L. Tucker, P. Uotila, P. M. Vineesha, P. Wang, N. Wilding, R. H. Zander & T.-X. Zheng. New national and regional bryophyte records, 80. *Journal of Bryology* 47: 71–85.
14. **Goffinet, B.** & T. Pócs. 2025. Reporting *Rhachithecium perpusillum* H. Rob. new to Uganda. In Ellis M. Alataş, Sk. N. Ali, D. J. Alvarez, A. M. Aponte Rojas e, J. J. Atwood f, N. Batan g, H. Bednarek-Ochyra, M. J. Cano, Ž. L. Cimerman, T. Colotti, M. J. F. Costa, E. Enkhjargal, H. Erata, P. Erzberger, B. Espinoza-Prieto, M. Evangelista-dos-Santos, T. Ezer, L. Fatková, V. E. Fedosov ,R. Gabriel, L. Gil, **B. Goffinet**, A. Graulich, Yu-Chwen Hsu, T. Kiebacher, J. M. Kocjan, S. S. Krajšek, S. Kubešová, J. Kučera, J. Larraín, E. Lavocat-Bernard, Y. Mamontov, P. M. Mir-Rosselló, C. P. Morales, R. Natcheva, M. A. Negritto, Juan D. Ospino-C, M. Paul, B. Papp, T. Pócs, E. Rodríguez-Quiel, M. Rogošić, K. Ramírez-Roncallo, A. A. Roque, A. D. Sabovljević, M. S. Sabovljević, A. Schäfer-Verwimp, V. Šegota, C. Sérgio, P. H. Sette-de-Souza, D. Singh, P. Širka, A. Sotiaux, G. M. Suárez, D. Ya. Tubanova, Kuei-Yu Yao & G. Winter. New national and regional bryophyte records, 79. *Journal of Bryology* 46: 295-318.
13. **Goffinet, B.** 2024. Reporting *Rutenbergia madagassa* Geheeb & Hampe new to the Comoros. In Ellis L.T., O.M. Afonina, M. Alataş, H.B. M. Alia, J. Alvarez, A.M. Aponte Rojas, J.J. Atwood, G. Bacilliere, N. Batan, V. Biberdžić, M.A. Bruggeman-Nannenga, L.V. Campos, M.J. Cano, L.F. Coca, I.V. Czernyadjeva, S. de Faria Lopes, Q. Dejonghe, S. Dragičević, H. Erata, B. Espinoza-Prieto, P. Erzberger, T. Ezer, L.L. Forrest, **B. Goffinet**, O.A. Gonçalves, A. Graulich, V. Hugonnot, S. Huttunen, M.S. Ignatov, E.A. Ignatova, J.A. Jiménez, S. Kumara, I. Kuusisto, E. Yu Kuzminac, D.G. Longt, X-Y. Ma, A.S. Maciel-Silva, C.N. Manju, B. Mufeed, F. Müller, M.B. Nosova, R. Ochyra, M. F. Oliveira, M.S. Özkaya, F. Pépin, V. Plášek, M. Puglisi, C. Reeb, R. Romanov, M.S. Sajitha, T. Saha, P.O. Santos, C.Shakira, Y.-M. Shu, J. B. Silvaa, D. Singh, G.M. Suáre, N. Taşçi, M. Tossou, D. Ya. Tubanova, J. Uribe-M, A. Schäfer-Verwimp, P.M. Vineesha, R. Virtanen, Y.-H. Wu & T.-X. Zheng. 2024. New national and regional bryophyte records, 76. *Journal of Bryology* 46: 51–74. <https://doi.org/10.1080/03736687.2024.2350763>
12. Villarreal J.C., **B. Goffinet**, M. von Konrat, M. Favreau, N. Fenton & S. Schuette. 2021. Program and abstracts of “BL2021 Bryophytes, lichens, and northern ecosystems in a changing world” of the joint virtual meeting of the International Association of Bryologists, American bryological and Lichenological Society, Canadian Botanical Association and Société québécoise de bryologie. Université Laval, Québec, Canada. *Special issue of the Bryological Times* 152: 1–178.

11. Cole T.C.H., H.H. Hilger, J.B. Bachelier, **B. Goffinet**, P.F. Stevens, N.M. Shiyan, S.L. Zhygalova & S.L. Mosyakin. Spanning the Globe – The Plant Phylogeny Poster (PPP) Project. *Ukrainian Botanical Journal: Short Communication* 78(3): 235–241. <https://doi.org/10.15407/ukrbotj78.03.235>
10. Kapoor M., J.G. Duckett, S. Rensing & **B. Goffinet**. 2021. Editorial: Highlights 1 of IAB IMOSS SEB 2019 Joint Conference. *Frontiers in plant Sciences* 12: 694765.
9. Magain N., D. Ertz, **B. Goffinet** & P. Diederich. 2020. Forty-five years of lichenology: a tribute to Emmanuël Sérusiaux. *Plant and Fungal Systematics* 65: 2–12. <https://doi.org/10.35535/pfsyst-2020-0002>
8. von Konrat M., **B. Goffinet**, Y. Rodriguez, B. McDonald, C. Zapata, M. Enkhbayer, E. Arnett, J. Harris & J. Martinec. 2019. Abstracts from the 2019 joint conference between the International Association of Bryologists, the Spanish Bryological Society, and the International Molecular Moss Science Society. *Special issue of the Bryological Times* 49: 1–100.
7. Rozzi R., L. Lewis, F. Massardo & **B. Goffinet**. 2015. Luupidega ökoturism samblafloora väärtustamiseks: ülekutse Lõunast. [Ecotourism with a hand-lens to appreciate the bryoflora: an invitation from the South.] *Samblasöber* 18: 2–13. <http://www.botany.ut.ee/bruulooogia/Rozzi.etal.SS.2015.pdf>
6. **Goffinet B.** 2004. Bibliography of systematic and population genetic studies of Bryophytes based on DNA data. III. *Cryptogamie, Bryologie* 25: 385–390.
5. **Goffinet B.** 2003. Bibliography of systematic and population genetic studies of Bryophytes based on DNA data. II. *Cryptogamie, Bryologie* 24: 181–185.
4. **Goffinet B.**, R. Rosentreter, and E. Sérusiaux. 2001. A second locality for *Xanthoparmelia idahoensis* Hale, an endangered vagrant lichen, new to Canada. *Evansia* 18: 58–59.
3. **Goffinet B.** and N.P. Hax. 2001. Bibliography of "molecular systematic" studies of bryophytes. I. 1985–2000. *Cryptogamie — Bryologie* 22: 1–7.
2. **Goffinet B.** and T.A.J. Hedderson. 2000. "Evolutionary biology of the Bryopsida: A synthesis". Introduction. *The Bryologist* 103: 185–186.
1. **Goffinet B.** 1992. The North American distribution of *Peltigera retifoveata*. *Evansia* 9:49–51.

BOOK REVIEWS

11. Medina R. & **B. Goffinet**. 2014. Better shoes alone don't get you to your destination. Review of Zander, R. H. 2013. *A Framework for Post-Phylogenetic Systematics*. *The Bryologist* 117: 431–433.
10. **Goffinet B.** 2003. Review of *Biologie der Moose*. By Frahm J.-P. *The Bryologist* 106: 494–495.
9. **Goffinet B.** 2002. Review of *Lexikon deutschsprachiger Bryologen*. By Frahm J.-P. and J. Eggers. *The Bryologist* 105: 297–298
8. **Goffinet B.** 1999. Review of *American Arctic Lichen. 2. The Microlichens*. By J.W. Thomson. *The Bryologist* 102: 345–346.
7. **Goffinet B.** 1998. Review of *Macrolichens of the Pacific Northwest*. By B. McCune and P. Geiser. *The Bryologist* 101: 478.
6. **Goffinet B.** 1998. Review of *Flora of the Guianas. Series C. Bryophytes*. By Görts-van Rijn A.R.A. (ed.). *Nordic Journal of Botany* 18: 322.
5. **Goffinet B.** 1997. Review of *Niebla and Vermilacinia (Ramalinaceae) in California and Baja California*. By R.W. Spjut (1997). *Plant Science Bulletin* 43: 83–85.
4. **Goffinet B.** 1996. Review of *Die Moos- und Farnpflanzen Europas*. By Frey, W., J.-P. Frahm, E. Fischer, & W. Lobin (1995). *The Bryologist* 99: 379.
3. **Goffinet B.** 1994. Review of *The Lichens of Italy. An Annotated Catalogue*. By P.L. Nimis (1993). *Vegetatio* 116: 173.
2. **Goffinet B.** 1994. Review of *Monographic Studies in Orthotrichum (Musci)*. By J. Lewinsky (1993). *The Bryologist* 97: 464–465.

1. **Goffinet B.** 1993. Review of *Populationsbiologie der Pflanzen - Grundlagen - Probleme - Perspektiven*. By K.M Urbanska (1992). *Plant Science Bulletin* 39: 18–20.

OUTREACH AND EDUCATION MATERIAL

4. Taylor, S. & **B. Goffinet**. 2022. Herbarium Training Course. Bryophyte & Lichen Module Powerpoint available at <https://biodiversity.uconn.edu/herbarium-educational-resources/>
3. Parker, L. E., J. M. Budke & **B. Goffinet**. Mosses and the Plant Life Cycle (instruction on how to grow mosses for your classroom usage). Available at bryology.eeb.uconn.edu.
2. Swanson, J., J. M. Budke & **B. Goffinet**. 2012. Powerpoint presentation on allelopathy in plants, using *Sphagnum* mediated acidification as a model. Available at bryology.eeb.uconn.edu.
1. Swanson, J., J. M. Budke & **B. Goffinet**. 2011. A visit to the miniature forest. Insights into the biology and evolution of Bryophytes in Northeastern Connecticut. Printed at the University of Connecticut. 2nd edition (2012). Available at bryology.eeb.uconn.edu.

ELECTRONIC DISSEMINATION

3. Buck W.R. & **B. Goffinet**. 2024. A new checklist of the mosses of the continental United States and Canada. (on-line version of the inventory by Buck & Goffinet 2024 listing 1652 taxa; maintained and updated). <https://bryology.eeb.uconn.edu/na-moss-checklist/>
2. Cole T.C.H., H.H. Hilger & **B. Goffinet**. 2019. Bryophyte Phylogeny Poster (BPP) *PeerJ Preprints* 7:e27571v3 <https://doi.org/10.7287/peerj.preprints.27571v3> (translated in 20 other languages and available on <http://www2.biologie.fu-berlin.de/sysbot/>).
1. **Goffinet B.**, W.R. Buck & A.J. Shaw. 2009 (last updated Jan. 2020). Classification of the Bryophyta. <https://bryology.eeb.uconn.edu/classification/> (classification now comprising 968 genera)

EXHIBIT

2. Rozzi R., C. Castro Jorquera, S. Russell, **B. Goffinet**, K. Moses, T. Contador, F. Massardo, M. Garcia Corrales, A. Tauro, L. Chavarría, B. Leibundgut, T. Paneque Carreño, A. Smette, I. de Gregorio-Monsalvo & A. Tauro. 2023. *From Hand Lenses to Telescopes: Exploring the Microcosm and Macrocosm in Chile's Biocultural Laboratories*. Environment & Society Portal, Virtual Exhibitions 2023, no. 1. Rachel Carson Center for Environment and Society. doi.org/10.5282/rcc/9506
Also in Spanish: Rozzi R., C. Castro Jorquera, S. Russell, **B. Goffinet**, K. Moses, T. Contador, F. Massardo, M. Garcia Corrales, A. Tauro, L. Chavarría, B. Leibundgut, T. Paneque Carreño, A. Smette, I. de Gregorio-Monsalvo & A. Tauro. 2023. *De lupas a telescopios: Explorando el microcosmos y el macrocosmos en los laboratorios bioculturales de Chile*. Environment & Society Portal, *Virtual Exhibitions* 2023, no. 2. Rachel Carson Center for Environment and Society. doi.org/10.5282/rcc/9663.
1. *Right Below Your Feet. A beautiful evolutionary success story*. 2022–2026. An exhibit of nine 6-foot metal prints of mosses from North and South America, planned and produced by the Connecticut State Museum of Natural History in collaboration with **B. Goffinet** and Mark Smith (Macroscopic Solutions). University of Connecticut.

PRESENTATIONS

INVITED SPEAKER AT CONFERENCES AND WORKSHOP

- | | |
|------|---|
| 2024 | 2024 International Conference on the Molecular Biology of Streptophytes (ICMBS). Shenzhen, China. June 1–4, 2024. |
|------|---|

- 2022 2022 International Conference on the Cooperation and Integration of Industry, Education, Research and Application; Subforum: Metabolism, development and diseases. Hubei University, China. November 20 & 21, 2022.
- 2022 Institute for System Genomics. University of Connecticut. November 8, 2022.
- 2020 Congreso Futuro: Ideas Para un Nuevo Mundo. Coyhaique, Chile. January 17th, 2020.
- 2019 Panelist at International launch of Chile's Sub-Antarctic Cape Horn Center. Chilean embassy, Washington DC, USA. October 17th, 2019.
- 2017 8th Lichenological Symposium of China. Kunming, China, August 1 & 2, 2017.
- 2014 Keynote lecture at the Annual Meeting for Plant Ecology and Evolution. Louvain-la-Neuve, Belgium. 14 November 2014.
- 2014 Plenary speaker at BioDivEvo 2014: 15th Annual Meeting of the Society of Biological Systematics (GfBS) and 22nd International Symposium "Biodiversity and Evolutionary Biology" of the German Botanical Society (DBG). Dresden, Germany, March 24–27, 2014.
- 2013 Evolution, genomics, and biology of bryophytes. A symposium organized by the "Botanische Staatssammlung München" on the occasion of its 200th anniversary, with support from the University of Munich (LMU) and the Botanical Garden of Munich, Germany; March 22, 2013.
- 2009 Encyclopedia of Life: synthesis meeting on Early Land Plants, May 26-29, 2009; Chicago, IL.
- 2006 Assembling the tree of life and Biotic Survey and inventories. NSF sponsored meeting at Duke University, March 10–12, 2006.
- 2005 Origin and Early Evolution of Land Plants: Current Perspectives. XVII International Botanical Congress, Vienna
- 2005 Molecular systematics of Bryophytes. XVII International Botanical Congress, Vienna
- 2004 Molecular Systematics of Bryophytes: University of Göttingen (Germany) 10-12 September
- 2003 Molecular systematics of Bryophytes: Progress, Problems and Perspectives. An international symposium sponsored by the Missouri Botanical Garden and the Deep Gene Research Coordination Network. St. Louis, September.
- 2000 Ecología y conservación de los Bosques del archipiélago Magallánico (ECOBAMG) University of Magallanes (Punta Arenas, Chile)
- 1999 *Evolutionary Biology of the Bryopsida* symposium at the XVI International Botanical Congress, St. Louis, MO.
- 1997 Green Plant Phylogeny Research Coordination Group, Montréal, Canada.
- 1996 British Bryological Society (BBS): Centenary Symposium on Bryology for the Second Century, Glasgow, UK.
- 1995 Current Status of the Phylogeny of the Charophytes, Green Algae and the Embryophytes Green Plant Phylogeny Research Coordination Group (GPPRCG - hosts: Drs. M. Buchheim, R. Chapman, and B. Mishler) Berkeley, CA.

INVITED SEMINARS

- 2025 California Native Plant Society, December 4.
Connecticut Botanical Society (Spring meeting) Connecticut Agricultural Experiment Station, New Haven, April 12.
- 2022 Hubei Key Laboratory of Industrial Biotechnology, Hubei University, Wuhan, China
Complutense University of Madrid, Faculty of Biology, Spain

	Humboldt State University, California
2019	University of Chile, Department of Ecological Sciences, Santiago, Chile. University of Liège, Département des Sciences de la Vie, Belgium
2017	Norwegian University of Science and Technology, Trondheim, Norway
2016	Department of Biology, Laval University, Québec, Canada University of Liège, Département des Sciences de la Vie, Belgium Arnold Arboretum, Harvard.
2013	Kunming Botanical Institute, Chinese Academy of Sciences, Yunnan, China
2010	Shanghai Normal University, China. 10 th International Scholar's Forum. July 6 th
2007	Museum d'Histoire Naturelle de Paris, France
2003	Central Connecticut State University
2000	Conservatoire et Jardins Botaniques, Geneva, Switzerland Harvard, New England Botanical Club, Boston MA
1999	University of Xalapa, Department of Ecology, Mexico Duke University, Department of Botany
1998	British Museum of Natural History, London, United Kingdom University of Liège, Department of Botany, Belgium University of Connecticut, Department of Ecology and Evolutionary Biology University of Concepcion, Department of Natural Sciences, Chile
1997	Duke University, Department of Botany, Durham NC
1996	University of Alberta, Department of Biological Sciences, Edmonton, Canada

OUTREACH

2025	Highstead, conservation non-profit located in Redding, CT: moss walk
2024	CT Master Naturalists: moss walk CT State Museum of Natural History: moss walk.
2023	EagleHill Institute (taught with Dr. William Buck, emeritus NYBG): Annual mosses (one week course/workshop). CT state Museum of Natural History: moss walk. Joshua's trust (CT): moss walk.
2022	CT state Museum of Natural History: moss walk.
2021	Art & Ecology course at the University of Hartford's Nomad MFA program: : moss walk.
2018	The miniature forest of Cape Horn. Workshop on miniature forests for local naturalists and ecotourism guides in Sub-Antarctic Chile. Puerto Williams, Navarino, Chile.
2018	EagleHill Institute (taught with Dr. William Buck, NYBG): Orthotrichaceae of Maine (one week course/workshop).
2015	Biology ECE Annual Instructor Meeting (1 day event with high school AP biology teachers: lecture and lab on bryophytes).
2010	Forgotten biodiversity: Lichens and Bryophytes of Central Connecticut. Connecticut Natural History Museum. Nature walk.
2006	The miniature forest of Cape Horn. Opening talk for a course designed for Tourism industry in Sub-Antarctic Chile. Puerto Williams, Navarino, Chile.

2005	Assembling the tree of life: the bryophyte branches. Summer workshop on biodiversity and forensic science. University of Connecticut.
2004	New England Botanical Club (Harvard)
2003	Simsbury Garden Club (Simsbury, CT): Lichens: beautiful symbionts. New England Outdoor & Environmental Education Association (Woodstock, CT): Biology of mosses. Connecticut Museum of Natural History: Lichens: beautiful symbionts.
2002	Connecticut Outdoor & Environmental Education Association (Storrs, CT): Biology of lichens.
2000-05	Bioblitz: annual 24 hour biological inventory of urban parks in Connecticut. (bryophytes and lichens).
1993	Edmonton Plant Study Group: Introduction to the identification of mosses.
1992	Edmonton Plant Study Group: Introduction to the identification of lichens.

VISITING SCIENTISTS

2021	Dr. Antoñia Salces Castellano (University of Liège, Belgium): Target capture of mosses.
2015	Dr. Isabel Draper (University of Madrid, Spain): Moss phylogenetics
2012	Dr. C. Ah-Peng (Uni. of Cape Town, South Africa): Bryophyte phylogeography
2007 & 2009	Dr. E. Sérusiaux (University of Liège, Belgium): Lichen systematics & phylogeography
2004	Dr. A. Vanderpoorten (University of Liège, Belgium): Bryophyte phylogeography-phylogeny
2004	Dr. D. Quandt (University of Dresden, Germany): Bryophyte phylogeny

RESEARCH ASSOCIATES

2021–2022	Dr. Antoine Simon, Belgian American Educational Foundation Fellow; Evolution of lichenized fungi. Postdoctoral fellow at University of Oslo, Norway
2019–2022	Dr. Nikisha Patel: Diversity of <i>Physcomitrium pyriforme</i> in North America and Europe: significance of autopolyploidy within a phylogenomic and experimental framework. Tenure track trinity College, Hartford, CT, USA.
2015	Dr. Lily Lewis: Lichen symbiosis. Director of the Office of Postdoctoral Affairs at University of Florida
2012–2016	Dr. Rafael Medina: Funariaceae systematics and phylogenomics. Assistant professor at Complutense University of Madrid, Spain
2011–2012	Dr. Jessica Budke: Sporophyte development in Funariaceae. Associate Professor, University of Tennessee, USA
2009–2016	Dr. Yang Liu: Phylogeny of the Funariaceae and Pleurocarp Tree of Life. Shenzhen Botanical Garden & Beijing Genomics Institute, China
2009–2011	Dr. Laura Forrest: liverwort chloroplast genomics (now Edinburgh Botanical Garden)
2007–2008	Dr. Norman Wickett: liverwort chloroplast genomics. Professor, Clemson University

GRADUATE STUDENTS SUPERVISED

Current:

Zachary Muscavitch. Ph.D. (co-advised with Dr. Louise Lewis). Phylogenomic investigation of the diversification and specificity of symbionts in lichens formed by *Niebla* and Trebouxioideae algae.

Crystal Zhu. M.Sc. Systematics of Lobarioideae in Chile.

Jensen O'Meara. Non-thesis M.Sc. in Conservation Biology.

Past:

- 2025 Vidya Vuruputoor. Ph.D. (co-advised with Dr. Jill Wegrzyn). Insights into land plant genome annotation, evolution, and conservation through improved bioinformatic approaches and genomic technologies.
- 2025 Brenden Thomson. M.Sc. What's under the hood? A survey of the phylogenetic diversity of *Physcomitrium pyriforme*.
- 2023 Kristin Anderson. M.Sc. Genome size variation and endopolyploidy in the moss *Physcomitrium pyriforme* sensu lato.
- In 2023: Research Technologist at Cold Spring Harbor Laboratory, NY.
- 2019 Nasim Rahmatpour. (co-advised with Dr. Jill Wegrzyn) Ph.D. Pattern of gene expression during shifts in ploidy and function in the moss *Funaria hygrometrica*.
Then: Postdoctoral research associate at Cornell in Dr. Fay Wei Li's lab
In 2023: Director of Genomics at Analytical BioSciences Limited, San Francisco Bay area.
- 2018 Charles Delavoi. Non-thesis M.Sc.
Currently: Learning facilitator, Biology at 360 High School, Providence, RI.
- 2015 Lily Lewis. Ph.D. Resolving bipolar phylogeographic histories in the common dung moss *Tetraplodon* (Bryopsida: Splachnaceae). Earned "Greg and Mona Anderson Ecology and Evolutionary Biology best Ph.D. dissertation award" in 2015.
Currently Director of Postdoctoral Affairs and Academic Communications at University of Florida.
Hannah Gousse. Non-thesis M.Sc. in Conservation Biology.
- 2011 Jessica M. Budke. Ph.D. Examining the gametophytic calyptra and its role in sporophyte development of the moss *Funaria hygrometrica* Hedw.
Currently associate professor and director of herbarium at University of Tennessee.
- 2011 Juan Carlos Villarreal. Ph.D. Origin and evolution of the hornwort *Nothoceros aenigmaticus*.
Currently associate professor and holding Research Chair of Canada at University of Laval, Canada.
- 2007 Norm Wickett. Ph.D. Chloroplast evolution in the non-photosynthetic liverwort *Cryptothallus mirabilis*.
Currently professor at University of Vienna, Austria.
- 2006 Jessica Budke. M.Sc. Peristome development and phylogenetic relationships of the moss *Timmia megapolitana* Hedw.
stayed and completed Ph.D. (2011)
- 2006 Neva Hax. M.Sc. Monograph of *Bryoxiphium* (Bryophyta).
Then obtained a Master in Special Education at Boston College.

GRADUATE STUDENT'S DISSERTATION COMMITTEE (EXTRAMURAL)

- | | | |
|------|---|-------------------------|
| 2024 | Ryan Thummel, Ph.D. (moved to non-thesis MSc) | Cornell University, USA |
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2020	Antoine Simon. Ph.D.	University of Liège, Belgium
2014	Nicolas Magain. Ph.D.	University of Liège, Belgium

GRADUATE STUDENTS CO-ADVISED (EXTRAMURAL)

2015	Antoine Simon. M.Sc. (co-advisor; primary Advisor: Dr. Emmanuël Sérusiaux). Les photomorphes au sein des Lobariaceae (Peltigerales, Ascomycota): étude de leur dynamique évolutive via trois approches génétiques. University of Liège, Belgium.
2013	Djemal Berkaoui. M.Sc. (co-advisor; primary advisor: Prof. Dr. Dietmar Quandt). Phylogenie und Evolution der Pottiaceae. University of Bonn, Germany.

GRADUATE STUDENT'S DISSERTATION DEFENSE EXTERNAL EXAMINER (EXTRAMURAL)

2026	Quentin DeJonghe	National Museum of Natural History, Paris, France
2020	David Bell	University of British Columbia
2019	Alice Ledent	University of Liège, Belgium
2017	Narjes Yousefi	Norwegian University of Science and Technology, Trondheim, Norway
2016	Jessica Allen	New York Botanical Garden
	Nik Norhazrina Binti Nik Mohd Kamil	University of Liège, Belgium
2014	Catherine Reeb	National Museum of Natural History, Paris, France
2012	Rafael Medina	University of Madrid, Spain
2011	Endymion Cooper	University of Sydney, Australia
2011	James Lendemer	New York Botanical Garden
2011	Amélie Pichonet	Museum d'Histoire Naturelle, Paris, France
2009	Matt Renner	University of Sydney, Australia.
2003	Piers Majestic	New York Botanical Garden

UNIVERSITY SCHOLARS SUPERVISED

2024–2025	Crystal Zhu. Morphology and DNA based revision of Lobarioideae (lichenized fungi; Peltigerales) of subantarctic Chile. <i>Awarded Connecticut State Museum of Natural History Award for outstanding scholarship and original research concentrating on the natural history, behavior, or overall biology of a focal organism.</i>
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HONORS STUDENT SUPERVISED

2024–2025	Hannah Gilbert. Phylogenetic distribution of apospory in mosses (not completed).
2023–2024	Crystal Zhu (then University Scholar). Morphology and DNA based revision of Lobarioideae (lichenized fungi; Peltigerales) of subantarctic Chile.
2023	Marwynn Somridhivej. History of horizontal transfer of the YSL gene to plants and its evolution in land plants (not completed)
2022	Olivia Lemieux. Whole-range study reveals consistent hybrid nature and conserved progenitors of the North American endemic moss, <i>Physcomitrium immersum</i> .

Awarded Margaret F. Ertman Award in recognition of significant accomplishments at University of Connecticut by an outstanding senior across all four biology degree programs: Biological Sciences, EEB, MCB, and PNB.

- 2017 Dinah Parker. When your partner shapes your look: DNA analysis of symbionts in *Ricasolia quercizans* and *Dendroscopaulon intricatum*.
Awarded Margaret F. Ertman Award in recognition of significant accomplishments at University of Connecticut by an outstanding senior across all four biology degree programs: Biological Sciences, EEB, MCB, and PNB.

POSTGRADUATE RESEARCHERS

- 2014–2015 Zuleyha Ozen: assembling NGS reads from total genomic lichen extracts

VISITING GRADUATE STUDENTS

- 2015 Beatriz Vigalondo (Autonomous University Madrid)
 2015 Marta Alonso García (University of Murcia)
 2015 & 2016 Antoine Simon (University of Liège)
 2014 Clémence Germaine (University of Liège)
 2013 Lucile Rabeau (Paris Natural History Museum)
 2012 Nicholas Wilding (Cape Town University)
 2010 Nicolas Magain (University of Liège)
 2008 & 2010 Rafael Medina (University of Madrid)

UNDERGRADUATE RESEARCHERS

- Paul Dineen (McNair scholar): artificial hybridization within the Funariaceae 2020
 Hannah Perry: developing axenic cultures from gametophytes of mosses 2019–2020
 Olivia Lemieux: Allopolyploidy in *Physcomitrium* (Bryophyta); SURF awardee 2019–2022
 Nolan Pimentel: propagation of mosses 2019
 Nicholas Russo: bryophyte diaspore in fecal samples of subantarctic birds 2018
 Haley Herring-Sylvestre: Gigas effect in the gametophyte and sporophyte of artificial F1 polyploids of *Physcomitrium pyriforme* 2016
 Laura Jones: bryophyte axenic cultures 2016
 Dinah Parker: extraction and sequencing of lichen-forming fungi DNA, lichen photomorph diversity in North America (the genus *Ricasolia*); SURF awardee 2014–2015
 Haley Herring-Sylvestre: interphyletic hybridization and sporophytic fitness in *Physcomitrium* 2015
 Hannah Gousse: diaspores embedded in feathers of migratory birds. 2013
 Nicholas Moskwa: extraction and amplification of DNA; phylogenetic inferences in mosses 2012–2013
 Emily Qian: diaspores embedded in feathers of migratory birds. 2012–2013

Xing Bo Chen: genome size estimation using flow cytometry, in the Funariaceae	2012–2013
Emily Behling: diaspores embedded in feathers of migratory birds.	2012–2014
Drew Christie: extraction and amplification of DNA; phylogenetic inferences in liverworts and mosses.	2011
Pavitri Dwivedi: morphometrics and cytology of mosses.	2011–2012
Melissa Wynne: moss development; regenerative ability of the moss calyptrae.	2011–2012
Satpal Jutla: extraction and sequencing of bryophyte DNA	2014–2015
Deborah Lee: effect of ploidy on morphological traits (i.e. Gigas effect) in mosses.	2012–2014
Christopher LaBreck: extraction and amplification of DNA from liverworts.	2010
Leah Newman: extraction and amplification of DNA from liverworts, long-range PCR on chloroplast genomes, and systematic affinities of the moss genus <i>Micromitrium</i> .	2009–2010
Lauren Parry: phylogenetic significance of the loss of the <i>cysT</i> gene from the chloroplast genome in liverworts.	2008
Jessica Clopton: photobiont specificity in Lobariaceae, lichens.	2008–2009
Cassandra Huizengua: phylogenetic significance of the loss of the <i>cysA</i> gene from the chloroplast genome in liverworts.	2007–2008

CONSULTANT SERVICES

Connecticut Police
 Cornell University Press
 Town of Mansfield (Connecticut)
 Agriculture and Agri-food Canada (Alberta)
 Geographic Dynamics Corporation (Alberta)
 Gilbert Smith Forest Products Ltd. (British Columbia)
 Parks Canada—Alberta Region

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Bryological and Lichenological Society (1991–1996; 2000–present)
 Belgian Royal Botanical Society (1994–1996)
 Botanical Society of America (1992–1999; 2004–present)
 British Bryological Society (1991–1996; 2000–present)
 British Lichenological Society (1991–1996; 2020–present)
 Bryologisch-lichenologische Arbeitsgemeinschaft für Mitteleuropa e.V. (2007–present)
 Dutch Bryological Society (2003–2026)
 International Association of Bryologists (1990–present)
 International Association of Plant Taxonomists (2005–present)
 Society for Systematic Biology (2006–2024)
 Société Québécoise de Bryologie (2017–2023)

FIELD EXPERIENCE

I have collected 15,000 samples on field excursions in the following countries: Belgium, Canada (Alberta, British Columbia, Québec), Chile (mostly Valdivian and Sub-Antarctic Region), China (Yunnan), Dominica, Gabon (participant in Opération Canopée), Germany, Guadeloupe, Madagascar, Mexico, Panama, Puerto Rico, South Africa, Taiwan, United States of America (Alabama, Alaska, Arizona, California, Colorado, Connecticut, Georgia, Louisiana, Maine, New Mexico, New York, North Carolina, Oregon, Washington, West Virginia).