

CURRICULUM VITAE

BERNARD GOFFINET

REVISED APRIL 2019.

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,
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EDUCATIONAL BACKGROUND

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

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: Research Associate

LANGUAGES

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

AWARDS AND HONORS

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 and E. Sérusiaux. 2012. Further photomorphs in the lichen family Lobariaceae from Reunion (Mascarene archipelago) with notes on the phylogeny of *Dendriscoaulon* 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

(total: \$4,031,636; at & to UCONN: \$3,841,636; total collaborative: \$6,453,590)

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|-----------|---|-------------|
| pending | National Science Foundation (DBI Mid-scale RI - Track 1-1925216)
Mid-scale RI-1 (M1:DP): Designing for extreme conditions: Expanding national capacity for plant biodiversity research (PI: Dr. C.S. Jones; Co-PI: C. Morse, Drs. B. Goffinet, P. Diggle & J. Caira). | \$5,043,949 |
| pending | National Science Foundation (DBI ICB-1917529)
The Rettenmeyer Army Ant Guest Collection becomes all it can be! (PI: Dr. J. Caira; Co-PI: Drs. J. O'Donnell & B. Goffinet). | \$321,858 |
| pending | National Science Foundation (DRL AISL-1906956)
NatureU: A strategy for generating natural history-inspired products across disciplines to promote informal STEM learning nationwide. (PI: Dr. J. Caira; Co-PI: Drs. A. Lindemann, N. Munro, C. Jones & B. Goffinet) | \$2,995,161 |
| 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) | \$484,948 |

	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)	
2012	National Science Foundation (DEB-1212505)	\$38,080
	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).	
2012–2015	National Science Foundation (DEB-1146295)	\$531,550
	Rapid radiation and sporophyte evolution in the Funariaceae: inferences from phylogenomics and cross generational cuticle development studies	
2009–2012	National Science Foundation (DEB 0919284) (Co-PI: Dr. C. Jones; UCONN)	\$599,242
	Reduction & reversal in the Funariaceae: phylogenetic perspective on sporophyte complexity and role of the calyptra.	
2006–2012	National Science Foundation (EF 0531557)	\$573,075
	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)	\$22,000
2001–2004	National Science Foundation (DEB 0089633)	\$264,564
	Collaborative: Phylogenetic and geographic patterns in moss diversity. (Collaborative grant with Duke; total award \$600,000).	
1998–2001	National Science Foundation	\$190,000
	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)	
1995	Alberta Natural Heritage	C\$ 2,475
1996	Alberta Natural Heritage	C\$ 2,475
1992–1994	National Geographic Society	C\$ 17,000
	(Official PI: D.H. Vitt, Dissertation project, National Geographic did not allow graduate students to be PI on grants)	

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)	\$9,594
	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> .	
2004–2006	National Science Foundation (DEB 0408043)	\$11,549
	Doctoral Dissertation Improvement Grant (thesis by Norman Wickett): Chloroplast evolution of the non-photosynthetic liverwort <i>Cryptothallus mirabilis</i> (Aneuraceae).	

INTRAMURAL GRANT SUPPORT (University of Connecticut) **\$199,973**

2017	Comparative genomics and transcriptomics of closely related mosses with contrasting architectural complexities (co-PI J. Wegrzyn)	\$49,940
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	\$23,373

	Equipment grant: upgrade of automated capillary sequencer (co-PI)	\$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 ABLS conference 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". (although this grant funded field work for my dissertation, it 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:

1999–present	Introduction to Botany (BIO 1110; includes a laboratory)
1999–present	Biology of Bryophytes and Lichens (EEB3240/5240; includes a laboratory)
1999–present	Evolution of Green Plants (EEB 3220/5220) co-taught with Dr. Louise Lewis
irregularly	seminar on bryophyte biology
2002	seminar "Molecular Evolution and Adaptive Radiation"

Invited lecturer (lecture of selected topics)

2009–present	Annual, University of North Texas, Biocultural conservation.
2010–2013, 2015, 2017,	
2018	Annual, Fields of Technology (UCONN, Dept. of Modern Languages, In German)
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

2018	EagleHill Institute (with William R. Buck): Orthotrichaceae of Maine (one week course/workshop)
2003	Field course on Cryptogams of Southern Patagonia (developed the lectures)

PROFESSIONAL SERVICES

ELECTED POSITIONS

- 2015–2019 President of International Association of Bryologists (IAB)
2010–2012 ABLs executive committee
2003–2005 ABLs member-at-large

EDITORIAL BOARDS

Editor

- 2010–2012 *The Bryologist* (American Bryological and Lichenological Society [i.e., ABLs])

Associate editor:

- 2014–present *Bryophyte Diversity and Evolution* (formerly *Tropical Bryology*; published by International Association of Bryologists)
2013–present *The Bryologist* (ABLs)
1999–present *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

- 2017 Organizer (with Dr. Dietmar Quandt) 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 pleurocarps 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. Subantarctic Chile, Navarino Island. 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 (January2004); 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

- 2018 Adjudication committee for ABLS Anderson & Crum award (student research)
- 2017– 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– Adjudication committee for ABLS Tuckerman and Sullivant awards (best paper 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 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
ActionBioscience (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
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
Heredity

International Journal of Plant Sciences
Journal of Biogeography
Journal of Bryology
Journal of Molecular Biology
Journal of Molecular Evolution
Lichenologist
Molecular Phylogenetics and Evolution
Mycologia
New Phytologist
New Zealand Journal of Botany
Nordic Journal of Botany
Opuscula Philolichenum
Phytotaxa
Plant Systematics and Evolution
PLOS ONE
Polish Botanical Journal
Rodriguésia
Science
Scientific Reports
Systematic Botany
Systematic Biology
Taxon
Trends in Plant Science
Vegetatio.

GRANT PROPOSAL REVIEW

Austrian Science Foundation
Dutch Research Foundation
National Foundation for Scientific Research (Belgium)
National Geographic Society
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)
University of Connecticut Research Foundation

UNIVERSITY SERVICE

DEPARTMENTAL

Director of Biodiversity Research Collections (2006-present)
Committees: best dissertation (2017), biology 1000s (2018–present), brochure (2019), collections (2002–present), course and curriculum (2005–2014), graduate student admission committee (2006–2012, 2013–2019), head advisory (2013–fall), herbarium (1999–present), new building committee (2013–present), poster (1999–2000), promotion & tenure (2014, 2015), search committee (herbarium manager position: 2004; 2006; 2017; genomics: 2011), self—review (graduate program: 2012; associate chair: 2012), seminar (1999–2010), summer research awards (2005, 2006, 2019).
Other: bookkeeper for Automated Sequencer (billing; 2001–present).
Co-organizer of annual welcoming event for incoming graduate students (2001, 2002, 2004, 2005)

COLLEGE COMMITTEES

- CLAS Dean Academic Advisory Board (2015–2016)
- Building committee for Biology under Next Gen CT (2013–2014; 2015–present)
- Search committee for BCS grants and contracts specialist (Fall 2010)

UNIVERSITY COMMITTEES

- Collections committee (2018–)
- 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 (167 [9 books, 14 chapters and 137 peer-reviewed/7 non-peer reviewed publications in press or published])

THESIS

- Goffinet, B.** 1997. Circumscription and phylogenetic trends in the Orthotrichales (Bryopsida). Ph.D. dissertation. University of Alberta, Edmonton, Canada.
- Goffinet, B.** 1989. La végétation épiphytisque 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.** and A.J. Shaw (eds.). 2009. *Bryophyte Biology* (2nd edition). 565p. Cambridge University Press. Cambridge, UK. (completely revised edition of Shaw & Goffinet 2000, with 6 rewritten 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. and **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 TO FLORAS)

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. *Aphanorrhagma* 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*. New York and Oxford. 27.
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
8. **Goffinet B.**, A.J. Shaw, C.J. Cox, N. J. Wickett, & S. Boles. 2004. Phylogenetic inferences in the Orthotrichoideae (Orthotrichaceae: Bryophyta) based on variation in four loci from all genomes. Pages 270–289. In: **B. Goffinet**, V. Hollowell & R. Magill (eds.), *Monographs in Systematic Botany from the Missouri Botanical Garden* 98.
7. **Goffinet B.**, & W.R. Buck. 2004. Systematics of Bryophyta: from molecules to a revised classification. Pages 205–239. In: **B. Goffinet**, V. Hollowell & R. Magill (eds.), *Monographs in Systematic Botany from the Missouri Botanical Garden* 98.
6. Sérusiaux E. & **B. Goffinet**. 2000. Lichens et Bryophytes sur le site de la Makandé. Pages 68–89. In: F. Hallé (ed.), *Biologie d'une canopée de forêt équatoriale - IV. Rapport de la mission du radeau des cimes à la Makandé, forêt des Abeilles, Gabon*. Janvier - Mars 1999. Pro Natura International.
5. **Goffinet B.** 2000. Origin and phylogenetic relationships of the Bryophyta. Pages 124–149. In: A. J. Shaw & **B. Goffinet** (eds.), *Bryophyte Biology*. Cambridge University Press.
4. Buck W.R. & **B. Goffinet**. 2000. Morphology and classification of mosses. Pages 71–123. In: A. J. Shaw & **B. Goffinet** (eds.), *Bryophyte Biology*. Cambridge University Press.
3. **Goffinet B.**, and T. Goward. 1998. Is *Nephroma silvae-veteris* the cyanomorph of *Lobaria oregana*? Insights from molecular, chemical and morphological characters. Pages 41–52. In: M.G., Glenn, R.C. Harris & M.S. Cole (eds.), *Lichenographia Thomsoniana: North American Lichenology in Honor of John W. Thomson*. Mycotaxon Ltd, Ithaca NY.

2. **Goffinet, B.** & D.H. Vitt. 1998. A revised classification of the Orthotrichales (Bryopsida) based on comparative morphology and a *rbcl* based phylogeny. Pages 143–159. In: J.W. Bates, N.W. Ashton & J.G. Duckett (eds.), *Bryology for the Twenty-First Century*. Proceedings of the Centenary Symposium of the British Bryological Society. Leeds: Maney and The British Bryological Society.
1. Vitt, D.H., **B. Goffinet**, & T.A. Hedderson. 1998. The ordinal classification of the mosses: Questions and answers for the 1990's. Pages 113–123. In: J.W. Bates, N.W. Ashton & J.G. Duckett (eds.), *Bryology for the Twenty-First Century*. Proceedings of the Centenary Symposium of the British Bryological Society. Leeds: Maney and The British Bryological Society.

REFEREED PUBLICATIONS

In review

145. Dong S., C. Zhao, S. Zhang, H. Wu, W. Mu, T. Wei, N. Li, H. Liu, J. Cui, R. Zhu, **B. Goffinet** & Y. Liu. The amount of RNA editing sites in liverwort organellar genomes is correlated with silent substitutions, GC content and PPR proteins. *Molecular Biology and Evolution* (submitted March 19, 2019)
144. Medina, R., M. G. Johnson, Y. Liu, N.J. Wickett, A.J. Shaw & **B. Goffinet**. Phylogenomic delineation of *Physcomitrium* (Bryophyta: Funariaceae) based on nuclear targeted exons and their flanking regions rejects the retention of *Physcomitrella*, *Physcomitridium* and *Aphanorrhagma*. *Journal of Systematics and Evolution* (submitted March 19, 2019)
143. Contador T., J. Rendoll, C. Perez, R. Mackenzie, S. Rosenfeld, O. Barroso, R. Rozzi, **B. Goffinet**, J. Kennedy & P. Convey, P. 2019. Comunidades de Invertebrados Terrestres en el Archipiélago Diego Ramírez (56°, 31's) y sus Afinidades con las Islas Sub-Antárticas del Océano Austral. *Magallania* (submitted)
142. Mackenzie R., O. Vidal, S. Rosenfeld, T. Contador, O. Barroso, **B. Goffinet**, F. Massardo, P. Arce-Johnson & R. Rozzi. 2019. Flora vascular y ausencia de especies exóticas en el archipiélago Diego Ramírez (56°31'S), Chile. *Magallania* (being submitted).
141. Widhelm T.J., F. Grewe, J. P. Huang, J. Mercado, **B. Goffinet**, R. Lücking, I. Schmitt, B. Moncada, R. Mason-Gamer & H. T. Lumbsch. 2019. Multiple historical processes obscure phylogenetic relationships in a taxonomically difficult group (Lobariaceae, Ascomycota). *Scientific Reports* (revisions submitted March 4, 2019)
140. **Goffinet B.**, J.J. Engel, M. von Konrat, R. MacKenzie, T. Contador, S. Rosenfeld, O. Barroso & R. Rozzi. Bryophytes records from Isla Gonzalo, Diego Ramirez Islands, Americas' deep southern ocean archipelago. 2019. *Magallania* (submitted May 10, 2018).
139. Hax N. & **B. Goffinet**. A monograph of the moss genus *Bryoxiphium* (Bryoxiphiaceae). Being revised for resubmission.
138. Villarreal J.C., K. McFarland, K. Holsinger, O. Perez & **B. Goffinet**. Spatial separation of sexes: the legacy of the Ice Age on plant phylogeography and clonal diversity. (in revision).

Published

137. Liu Y., M. G. Johnson, C. J. Cox, R. Medina, N. Devos, A. Vanderpoorten, L. Hedenäs, N. E. Bell, J. R. Shevock, B. Aguero, D. Quandt, N. J. Wickett, A. J. Shaw & **B. Goffinet**. 2019. Resolution of the backbone phylogeny of mosses using targeted exons from organellar and nuclear genomes. *Nature Communications* 10: 1485. DOI: [10.1038/s41467-019-09454-w](https://doi.org/10.1038/s41467-019-09454-w).
136. Dong S., Q. He, S. Zhang, H. Wu, **B. Goffinet** & Y. Liu. 2019. The mitochondrial genomes of *Bazzania tridens* and *Riccardia planiflora* further confirms conservative evolution of mitogenomes in liverworts. *The Bryologist* (accepted, January 29, 2019).

135. Medina R., F. Lara, **B. Goffinet**, R. Garilleti & V. Mazimpaka. 2019. On the priority of *Orthotrichum cylindrocarpum* Lesq. over *O. coulteri* Mitt. and Lesquereux's early vindication of an autonomous American bryology. *Taxon* (in press).
134. Magain N., C. Truong, T. Goward, D. Niu, **B. Goffinet**, E. Sérusiaux, O. Vitikainen, F. Lutzoni & J. Miadlikowska. 2018. Species delimitation at a global scale reveals high species richness with complex biogeography and patterns of symbiont association in *Peltigera* section *Peltigera* (lichenized Ascomycota: Lecanoromycetes). *Taxon* 67: 836–870. <https://doi.org/10.12705/675.3>
133. Liu D., **B. Goffinet**, X. Wang, J.-S. Hur, M. Yang, H. Shi, Y. Zhang, C. An & L. Wang. 2018. Another lineage of basidiolichen in China, with one new species and new record in the genera *Dictyonema* and *Lichenomphalia* (Agaricales: Hygrophoraceae). *Mycosystema* 37: 849–864.
132. Lewis L.R., C. Gottschalk Druschke, C. Saldías, R. Mackenzie, **B. Goffinet** & R. Rozzi. 2018. Cultivando un jardín de nombres en los bosques en miniature del Cabo de Hornos: extensión de la conservación biocultural y la ética a seres vivos poco percibidos (Cultivating a Garden of Names in the Miniature Forests of Cape Horn: an extension of biocultural conservation and ethics to under-perceived beings). *Magallania* 46: 103–123. <http://www.magallania.cl/index.php/magallania/article/view/1043>
131. Laenen B, J. Patiño, A. Hagborg, A. Désamoré, J. Wang, A. J. Shaw, **B. Goffinet** & A. Vanderpoorten. 2018. Evolutionary origin of the latitudinal diversity gradient in liverworts. *Molecular Phylogenetics and Evolution* 127: 606–612. <https://doi.org/10.1016/j.ympev.2018.06.007>.
130. Simon A., J. Di Meglio, T. Goward, K. Dillman, T. Spribille & **B. Goffinet**. 2018. *Sticta torii* sp. nov., a remarkable lichen of high conservation priority from northwestern North America. *Graphis Scripta* 30: 105–114.
129. Widhalm T.J., F.R. Bertoletti, M.J. Asztalos, J.A. Mercado-Díaz, J.-P. Huang, B. Moncada, R. Lücking, N. Magain, E. Sérusiaux, **B. Goffinet**, N. Crouch, R. Mason-Gamer & H. T. Lumbsch. 2018. Oligocene origin and drivers of diversification in the genus *Sticta* (Lobariaceae, Ascomycota). *Molecular Phylogenetics and Evolution* 126: 58–73. <https://doi.org/10.1016/j.ympev.2018.04.006>
128. Liu D., **B. Goffinet**, D. Ertz, A. De Kesel, Z.G. Qian, X.Y. Wang, H.X. Shi, Y.Y. Zhang, J.W. Li, X. Ye, J.S. Hur & L.S. Wang. 2017 (2018). Circumscription and phylogeny of the Lepidostromatales (lichenized Basidiomycota) following discovery of new species from China and Africa. *Mycologia* 109: 730–748. <https://doi.org/10.1080/00275514.2017.1406767>
127. Simon A., **B. Goffinet**, N. Magain & E. Sérusiaux. 2018. High diversity, high insular endemism and recent origin in the lichen genus *Sticta* (lichenized Ascomycota, Peltigerales) in Madagascar and the Mascarene archipelago. *Molecular Phylogenetics and Evolution* 122: 15–28. <https://doi.org/10.1016/j.ympev.2018.01.012>
126. 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. DOI: 10.1639/0007-2745-120.4.14
125. Medina R., M. Johnson, Y. Liu, N. Wilding, T. Hedderson, N. Wickett & **B. Goffinet**. 2018. Evolutionary dynamism in bryophytes: Phylogenomic inferences confirm rapid radiation in the family Funariaceae. *Molecular Phylogenetics and Evolution* 120: 240–247. <https://doi.org/10.1016/j.ympev.2017.12.002>
124. Lücking, B. Moncada, B. McCune, E. Farkas, **B. Goffinet**, D. Parker, J. L. Chaves, L. Lőkös, P. R. Nelson, T. Spribille, S. Stenroos, T. Wheeler, A. Yanez-Ayabaca, K. Dillman, O. T. Gockman, T. Goward, J. Hollinger, E. A. Tripp, J. Villella, W. R. Álvaro-Alba, C. Julio Arango, M. E. S. Cáceres, L. Fernando Coca, C. Printzen, C. Rodríguez, K. Scharnagl, R. Rozzi, E. Soto-Medina & L. S. Yakovchenko. 2017. *Pseudocyphellaria crocata* (Ascomycota: Lobariaceae) in the Americas reveals to be ten species,

and none of them is *Pseudocyphellaria crocata*. *The Bryologist* 120: 441–500.
<https://doi.org/10.1639/0007-2745-120.4.14>

123. Lewis L.R., E.M. Biersma, S. Carey, K. Holzinger, S.F. McDaniel, R. Rozzi & **B. Goffinet**. 2017. Resolving the source region for the long-distance dispersal event that gave rise to the Magellanic sub-Antarctic endemic dung moss *Tetraplodon fuegianus* (Bryopsida: Splachnaceae). *American Journal of Botany* 104: 1651–1659. DOI:10.3732/ajb.1700144.
122. Magain N., J. Miadlikowska, O. Mueller, M. Gajdeczka, C. Truong, A. Salamov, I. Grigoriev, I. Dubchak, **B. Goffinet**, E. Sérusiaux & F. Lutzoni. 2017. Conserved genomic collinearity as a source of broadly applicable, fast evolving, markers to resolve species complexes: a case study using the lichen-forming genus *Peltigera* section *Polydactylon*. *Molecular Phylogenetics and Evolution* 117: 10–29. <https://doi.org/10.1016/j.ympev.2017.08.013>
121. Simon, A., Y. Liu, E. Sérusiaux & **B. Goffinet**. 2017. Complete mitogenome sequence of *Ricasolia amplissima* (Lobariaceae) reveals extensive mitochondrial DNA rearrangement within the Peltigerales (lichenized ascomycetes). *The Bryologist* 120: 335–339. DOI: 10.1639/0007-2745-120.3.335
120. Lewis L.R., S.M. Ickert-Bond, E.M. Biersma, P. Convey, **B. Goffinet**, K. Hassel, H.J.D. Kruijer, C. La Farge, J. Metzgar, M. Stech, J.C. Villarreal & S.F. McDaniel. 2017. Future directions and priorities for Arctic bryophyte research. *Arctic Science* 3: 475–497. [dx.doi.org/10.1139/as-2016-0043](https://doi.org/10.1139/as-2016-0043)
119. Wang J., A. Vanderpoorten, A. Hagborg, **B. Goffinet**, B. Laenen & J. Patiño. 2017. Evidence for a latitudinal diversity gradient in liverworts and hornworts. *Journal of Biogeography* 44: 487–488. DOI:10.1111/jbi.12909
118. Magain N., J. Miadlikowska, **B. Goffinet**, E. Sérusiaux, & F. Lutzoni. 2017. Macroevolution of specificity in cyanolichens of the genus *Peltigera* Section *Polydactylon* (Lecanoromycetes, Ascomycota). *Systematic Biology* 66: 74–99. DOI:10.1093/sysbio/syw065
117. Lara F., R. Garilleti, **B. Goffinet**, I. Draper, R. Medina, B. Vigalondo & V. Mazimpaka. 2016. *Lewinskya*, a new genus for the phaneroporous, monoicous taxa previously accommodated in *Orthotrichum* Hedw. (Bryophyta, Orthotrichaceae). *Cryptogamie-Bryologie* 37: 361–382. [doi/10.7872/cryb/v37.iss4.2016.361](https://doi.org/10.7872/cryb/v37.iss4.2016.361)
116. Shaw A.J., N. Devos, Y. Liu, C. J. Cox, **B. Goffinet**, K.I. Flatberg & B. Shaw. 2016. Organellar phylogenomics of an emerging model system: *Sphagnum* (peatmoss). *Annals of Botany* 118: 185–196. DOI: 10.1093/aob/mcw086
115. Johnson M.G., E.M. Gardner, Y. Liu, R. Medina, **B. Goffinet**, A.J. Shaw, N.J.C. Zerega & N.J. Wickett. 2016. HybPiper: extracting coding sequence and introns for phylogenetics from high-throughput sequencing reads using target enrichment. *Applications in Plant Sciences* 4(7): 1600016. <http://dx.doi.org/10.3732/apps.1600016>
114. Budke J.M. & **B. Goffinet**. 2016. Comparative cuticle development in morphologically divergent mosses of the Funariaceae. *Frontiers in Plant Sciences* 7: 832. DOI: 10.3389/fpls.2016.00832.
113. Tønsberg T., H. Blom, **B. Goffinet**, J. Holtan-Hartwig & L. Lindblom. 2016. The cyanomorph of *Ricasolia virens* comb. nov. (Lobariaceae, lichenized Ascomycetes). *Opuscula Philolichenum* 15: 12–21.
112. Laenen B., A. Machac, S.R. Gradstein, B. Shaw, J. Patiño, A. Désamóré, **B. Goffinet**, C.J. Cox, J. Shaw & A. Vanderpoorten. 2016. Increased diversification rates follow shifts to bisexuality in liverworts. *New Phytologist* 210: 1121–1129. DOI: 10.1111/nph.13835 <http://onlinelibrary.wiley.com/wol1/doi/10.1111/nph.13835/abstract>

111. Vigalondo B., Y. Liu, I. Draper, F. Lara, R. Garilleti, V. Mazimpaka & **B. Goffinet**. 2016. Comparing three complete mitochondrial genomes of the moss genus *Orthotrichum* Hedw. *Mitochondrial DNA Part B: Resources* 1: 176–178. DOI: 10.1080/23802359.2016.1149784
110. Johnson M.G., C. Malley, **B. Goffinet**, A.J. Shaw & N.J. Wickett. 2016. A phylotranscriptomic analysis of gene family expansion and evolution in the largest order of pleurocarpous mosses (Hypnales, Bryophyta). *Molecular Phylogenetics and Evolution* 98: 29–40. <http://dx.doi.org/10.1016/j.ympev.2016.01.008>
109. Laenen B., A. Machac, S.R. Gradstein, B. Shaw, J. Patiño, A. Désamoré, **B. Goffinet**, C.J. Cox, A. Vanderpoorten & J. Shaw. 2016. Geographic range in liverworts: does sex really matter? *Journal of Biogeography* 43: 627–635. DOI: 10.1111/jbi.12661. (<http://onlinelibrary.wiley.com/doi/10.1111/jbi.12661/full>)
108. Alonso M., R. Medina, M.J. Cano, J.A. Jiménez & **B. Goffinet**. 2016. The complete mitochondrial genome of the moss *Oxystegus tenuirostris* (Hook. & Taylor) A.J.E. (Pottiaceae, Bryophyta). *Mitochondrial DNA Part A*, 27:5, 3808–3809. DOI:10.3109/19401736.2015.1082087
107. Magdy M., O. Werner, S.F. McDaniel, **B. Goffinet** & R.M. Ros. 2016. A genomic scanning using AFLP to detect loci under selection in *Funaria hygrometrica* Hedw. along a climatic gradient in the Sierra Nevada mountains (Spain). *Plant Biology* 18: 280–288. DOI:10.1111/plb.12381 (<http://onlinelibrary.wiley.com/doi/10.1111/plb.12381/full>)
106. Patiño J., **B. Goffinet**, M. Sim-Sim & A. Vanderpoorten. 2016. Is the sword moss (*Bryoxiphium*) a preglacial Tertiary relict? *Molecular Phylogenetics and Evolution* 96: 200–206. DOI: 10.1016/j.ympev.2015.12.004
105. Lewis L., Y. Liu, R. Rozzi & **B. Goffinet**. 2016. Intraspecific variation within and across complete organellar genomes and nuclear ribosomal repeats in a moss. *Molecular Phylogenetics and Evolution* 96: 195–199. DOI:10.1016/j.ympev.2015.12.005
104. Lendemer J. & **B. Goffinet**. 2015. *Sticta deyana*: a new endemic photomorphous lichen from the Mid-Atlantic Coastal Plain of eastern North America. *Systematic Botany* 40: 933–941. <http://dx.doi.org/10.1600/036364415X689979>
103. Akiyama H., A. Schäfer-Verwimp, N. Printarakul, M. Suleiman, B.C. Tan, **B. Goffinet** & F. Müller. 2015. Phylogenetic study of the genus *Aptychella* (Pylaisiadelphaceae, Musci). *The Bryologist* 118: 273–283. (<http://dx.doi.org/10.1639/0007-2745-118.3.273>)
102. Peralta D.F., A.M. Rios & **B. Goffinet**. 2015. *Archidium oblongifolium* (Archidiaceae, subg. *Archidiella*), a new species from Brazil. *Cryptogamie-Bryologie* 36: 211–215. DOI: <http://dx.doi.org/10.7872/cryb/v36.iss3.2015.211>
101. Wang X.Y., **B. Goffinet**, D. Liu, M.M. Liang, H.S. Shi, Y.Y. Zhang, J. Zhang & L.S. Wang. 2015. Taxonomic study of the genus *Anzia* (Lecanorales, lichenized Ascomycota) from Hengduan Mountains, China (7). *The Lichenologist* 47: 99–115.
100. Medina R., Y. Liu, L-S Wang, S. Guo, K. Hylander & **B. Goffinet**. 2015. DNA-based geographic circumscription of *Physcomitrella* s. lat. species (Funariaceae): *P. patens* new to Asia and *P. magdalenae* new to Ethiopia. *The Bryologist* 118: 22–31. (<http://dx.doi.org/10.1639/0007-2745-118.1.022>).
99. Buck W.R. & **B. Goffinet**. 2015. *Larrainia*, a new genus of Amblystegiaceae from the Cape Horn region of Chile. *Arctoa* 24: 27–31. (doi: 10.15298/arctoa.24.05)
98. Ignatov M.S., E.A. Ignatova, I.V. Czernyadjeva, **B. Goffinet**, O.I. Kuznetsova & V.E. Fedosov. 2015. *Afoninia*, a new moss genus of Funariaceae from Transbaikalia (East Siberia, Russia). *Arctoa* 24: 14–20. (doi: 10.15298/arctoa.24.02)

97. Lewis L.R., R. Rozzi & **B. Goffinet**. 2014. Direct long-distance dispersal shapes a New World amphitropical disjunction in the dispersal-limited dung moss *Tetraplodon* (Bryopsida: Splachnaceae). *Journal of Biogeography* 41: 2385–2395. DOI: 10.1111/jbi.12385 (<http://onlinelibrary.wiley.com/doi/10.1111/jbi.12385/abstract>)
96. Liu Y., C.J. Cox, W. Wang & **B. Goffinet**. 2014. Mitochondrial phylogenomics of early land plants: Mitigating the effects of saturation, compositional heterogeneity, and codon-usage bias. *Systematic Biology* 63: 862–878. DOI: 10.1093/sysbio/syu049 (<http://sysbio.oxfordjournals.org/content/early/2014/07/28/sysbio.syu049>)
95. Laenen B., B. Shaw, H. Schneider, **B. Goffinet**, E. Paradis, A. Désamoré, J. Heinrichs, J.C. Villarreal, R. Gradstein, S. McDaniel, D. Long, L. Forrest, M.L. Hollingsworth, B. Crandall-Stotler, C. Davis, J. Engel, M. von Konrat, E.D. Cooper, J. Patiño, C.J. Cox, A. Vanderpoorten & A.J. Shaw. 2014. Extant diversity of bryophytes emerged from successive post-Mesozoic diversification bursts. *Nature Communications* 5: 6134 (DOI:10.1038/ncomms6134).
94. Liu Y., R. Medina & **B. Goffinet**. 2014. 350 my of mitochondrial genome stasis in mosses, an early land plant lineage. *Molecular Biology and Evolution* 31: 2586–2591. doi:10.1093/molbev/msu199 (<http://mbe.oxfordjournals.org/content/31/10/2586.abstract?sid=5d04a9c4-4644-466d-a2fe-d63ac8be5787>)
93. Lewis L.R., E. Behling, H. Gousse, E. Qian, C. Elphick, J.-F. Lamarre, J. Bêty, J. Liebezeit & **B. Goffinet**. 2014. First evidence of bryophyte diaspores in the plumage of transequatorial migrant birds. *PeerJ* 2:e424; DOI: 10.7717/peerj.424. Featured on [BBC-UK](#); [Science magazine](#); [Le Figaro](#) and [others](#) (check <http://bryology.uconn.edu/2014/06/12/new-article-featured-in-press/> for full list). Selected to the “PeerJ Picks 2015” Collection. More information about this Collection is at: <http://blog.peerj.com/post/110886455463/peerj-picks-2015>.
92. Hodkinson B.P., J.L. Allen, L. Forrest, **B. Goffinet**, E. Sérusiaux, Ó.S. Andrésón, V. Miao, P. Bellenger & F. Lutzoni. 2014. Lichen-symbiotic cyanobacteria have an alternative vanadium-dependent nitrogen fixation system. *European Journal of Phycology* 49: 11–19. <http://dx.doi.org/10.1080/09670262.2013.873143>
91. Medina R., F. Lara, **B. Goffinet**, R. Garillete & V. Mazimpaka. 2013. Unnoticed diversity within the disjunct moss *Orthotrichum tenellum* (Orthotrichaceae) validated by morphological and molecular approaches. *Taxon* 62: 1133–1152.
90. Bainard J.D., L.L. Forrest, **B. Goffinet** & S.G. Newmaster. 2013. Nuclear DNA content variation and evolution in liverworts. *Molecular Phylogenetics and Evolution* 68: 619–627. <http://dx.doi.org/10.1016/j.ympev.2013.04.008>.
89. Budke J.M., **B. Goffinet** & C.S. Jones. 2013. Dehydration protection provided by a maternal cuticle improves offspring fitness in the moss *Funaria hygrometrica*. *Annals of Botany* 111: 781–789. DOI: 10.1093/aob/mct033.
88. Villarreal, J.C., L.L. Forrest, N. Wickett & **B. Goffinet**. 2013. The plastid genome of the hornwort *Nothoceros aenigmaticus*: Phylogenetic signal in inverted repeat expansion, pseudogenization and intron gain. *American Journal of Botany* 100: 467–477. (doi: 10.3732/ajb.1200429 <http://www.amjbot.org/content/100/3/467.full>)
87. Liu Y., L.L. Forrest, J. Bainard, J.M. Budke & **B. Goffinet**. 2013. Organellar genome, nuclear ribosomal DNA repeat unit and microsatellites isolated from a small scale of 454 GS FLX sequencing on two mosses. *Molecular Phylogenetics and Evolution* 66: 1089–1094. (<http://dx.doi.org/10.1016/j.ympev.2012.12.006>)
86. Medina R., F. Lara, **B. Goffinet**, R. Garillete & V. Mazimpaka. 2012. Integrative taxonomy successfully resolves the pseudo-cryptic complex of the disjunct epiphytic moss *Orthotrichum consimile* (Orthotrichaceae). *Taxon* 61: 1180–1198.

85. Huttunen S., N. Bell, V. Buchbender, W.R. Buck, C. Cox, **B. Goffinet**, L. Hedenäs, B.-C. Ho, M. S. Ignatov, O. Kuznetova,, A. Newton, S. Ollson, L. Pokorny, A. J. Shaw, M. Stech, A. Troitsky, A. Vanderpoorten, & D. Quandt. 2012. Disentangling knots of rapid evolution: origin and diversification of the moss order Hypnales. *Journal of Bryology* 34: 187–211. (<http://dx.doi.org/10.1179/1743282012Y.0000000013>)
84. Magain N., **B. Goffinet** & E. Sérusiaux. 2012. Further photomorphs in the lichen family *Lobariaceae* from Reunion (Mascarene archipelago) with notes on the phylogeny of *Dendriscoaulon* cyanomorphs. *The Bryologist* 115: 243–254. (doi: 10.1639/0007-2745-115.2.243; <http://www.bioone.org/doi/abs/10.1639/0007-2745-115.2.243>)
83. Villarreal J.C., L.L. Forrest, K.D. McFarland & **B. Goffinet**. 2012. Chloroplast, mitochondrial and nuclear microsatellites from the Southern Appalachian hornwort, *Nothoceros aenigmaticus*. *American Journal of Botany*: e88–e90. (doi:10.3732/ajb.1100392; <http://www.amjbot.org/content/99/3/e88.full>)
82. Liu Y., N.L. Moskwa & **B. Goffinet**. 2012. Development of eight mitochondrial markers for Funariaceae (Muscic) and the amplification success in other mosses. *American Journal of Botany* e62–e65. (doi: 10.3732/ajb.1100402; <http://www.amjbot.org/content/99/2/e62.full>).
81. Villarreal A., J. C., L. V. Campos S., J. Uribe-S. & **B. Goffinet**. 2012. Parallel evolution of endospory within hornworts: *Nothoceros renzagliensis* (Dendrocerotaceae) *sp. nov.* *Systematic Botany* 37: 31–37.
80. 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>)
79. Liu Y., J.M. Budke & **B. Goffinet**. 2012. Phylogenetic inference rejects sporophyte based classification of the Funariaceae (Bryophyta): rapid radiation suggests rampant homoplasy in sporophyte evolution. *Molecular Phylogenetics and Evolution* 62: 130–145. (<http://dx.doi.org/10.1016/j.ympev.2011.09.010>).
78. **Goffinet B.** & W.R. Buck. 2011. *Physcomitridium readeri* is the correct name for *Physcomitrella readeri*. *The Bryologist* 114: 545–546. (<http://dx.doi.org/10.1639/0007-2745-114.3.545>).
77. **Goffinet B.**, J.M. Budke & L. Newman. 2011. Micromitriaceae, a new family of highly reduced mosses. *Taxon* 60: 1245–1254.
76. Wickett N., L. L. Forrest, J. M. Budke, B. Shaw & **B. Goffinet**. 2011. Frequent pseudogenization and loss of the plastid-encoded, sulfate transport gene *cysA* throughout the evolution of liverworts. *American Journal of Botany* 98: 1263–1275. (doi: 10.3732/ajb.1100010; <http://www.amjbot.org/content/98/8/1263.full.pdf+html>).
75. Spribille T., **B. Goffinet**, B. Klug, L. Muggia, W. Obermayer & H. Mayrhofer 2011. Molecular support for the recognition of the *Mycoblastus fucatus* group as the new genus *Violella* (Tephromelataceae, Lecanorales). *The Lichenologist* 43: 455–466. (doi:10.1017/S0024282911000478)
74. Akiyama H. & **B. Goffinet**. 2011. *Indopottia irienandoana* sp. nov. (Pottiaceae) from Doi Inthanon, Northern Thailand. *Journal of Bryology* 33: 122–129. (doi: 10.1179/1743282010Y.0000000021)
73. Budke J. M., **B. Goffinet** & C. S. Jones. 2011. A hundred year old question: is the moss calyptra covered by a cuticle? A case study of *Funaria hygrometrica*. *Annals of Botany* 107: 1279–1286. (doi: 10.1093/aob/mcr079)
72. Sérusiaux E., J.C. Villarreal, T. Wheeler & **B. Goffinet**. 2011. Recent origin, active speciation and dispersal for the lichen genus *Nephroma* (Peltigerales) in Macaronesia. *Journal of Biogeography* 38: 1138–1151. <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2699.2010.02469.x/full>

71. Forrest L.L., N. Wickett, C. J. Cox & **B. Goffinet**. 2011. Deep sequencing of *Ptilidium* (Ptilidaceae) suggests evolutionary stasis in liverwort plastid genome structure. *Plant Ecology and Evolution* 144: 29–43.
70. Jofre J., **B. Goffinet**, P. Marino, R. Raguso, F. Massardo & R. Rozzi. 2011. First evidence of insect attraction by a Southern Hemisphere Splachnaceae: The case of *Tayloria dubyi* Broth. in the Reserve Biosphere Cape Horn, Chile. *Nova Hedwigia* 92: 317–326.
69. Rozzi R., F. Massardo, Y. Medina, K. Moses, P. Caballero, E. Camelio, V. Morales, L. Lewis, **B. Goffinet**, M. Mendez, L. Cavieres & S. Russell. 2010. Ecoturismo con lupa: integración de las ciencias ecológicas y la ética ambiental. *Revista Ambiente y Desarrollo* 24: 30–37.
68. Crespo A., F. Kauff, P. K. Divakar, R. del Prado, S. Pérez-Ortega, G. Amo de Paz, Z. Ferencova, O. Blanco, B. Roca-Valiente, J. Núñez-Zapata, P. Cubas, A. Argüello, J. A. Elix, T. L. Esslinger, D. L. Hawksworth, A. Millanes, C. Molina, M. Wedin, T. Ahti, A. Aptroot, E. Barreno, F. Bungartz, S. Calvelo, M. Candan, M. Cole, D. Ertz, **B. Goffinet**, L. Lindblom, R. Lücking, F. Lutzoni, J.-E. Mattsson, M.I. Messuti, J. Miadlikowska, M. Piercey-Normore, V. J. Rico, H.J.M. Sipman, I. Schmitt, T. Spribille, A. Thell, G. Thor, D. K. Upreti & H.T. Lumbsch. 2010. Phylogenetic generic classification of parmelioid lichens (*Parmeliaceae*, *Ascomycota*) based on molecular, morphological and chemical evidence. *Taxon* 59: 1735–1753.
67. Villarreal J.C., D.C. Cargill & **B. Goffinet**. 2010. *Phaeomegaceros squamuligerus* subspecies *hassellii* (Dendrocerotaceae), a new taxon from the Southern Hemisphere. *Nova Hedwigia* 91: 349–360.
66. Buck W.R. & **B. Goffinet**. 2010. Preliminary key to the mosses of Isla Navarino, Chile (Prov. Antártica Chilena). *Beihefte zur Nova Hedwigia* 138: 215–229.
65. Magain N. L.F. Forrest, E. Sérusiaux & **B. Goffinet**. 2010. Microsatellite primers in the *Peltigera dolichorhiza* complex (lichenized ascomycete, Peltigerales) *American Journal of Botany* e102–e104. www.amjbot.org/content/97/10/e102.full.pdf
64. Cox C.J., **B. Goffinet**, A. J. Shaw, N.J. Wickett & S.B. Boles. 2010. Moss diversity: A molecular phylogenetic analysis of genera. *Phytotaxa* 9: 175–195.
63. Jofre J., F. Massardo, R. Rozzi, **B. Goffinet**, P. Marino, R. Raguso & N.P. Navarro. 2010. Fenología reproductiva del musgo *Tayloria dubyi* en las turberas de la Reserva de Biosfera Cabo de Hornos: Un caso de Interacción entre musgo, dípteros y aves. *Revista Chilena de Historia Natural* 83: 195–206.
62. Villarreal J.C., **B. Goffinet**, R.J. Duff & D.C. Cargill. 2010. Phylogenetic delineation of *Nothoceros* and *Megaceros* (Anthoceroophyta: Dendrocerotaceae). *The Bryologist* 113: 106–113.
61. **Goffinet B.**, W.R. Buck & A.J. Shaw. 2009. Addenda to the classification of mosses. I. Andreaeophytina and Andreaebryophytina stat. nov. *The Bryologist* 112: 856–857.
60. Sérusiaux E., **B. Goffinet**, J. Miadlikowska & O. Vitikainen. 2009. The lichen-forming fungal genus *Peltigera* in Papua New Guinea: inferences from morphology and DNA sequences. *Fungal Diversity* 38: 185–224. www.fungaldiversity.org/fdp/sfdp/FD38-12.pdf
59. Marino P., R. Raguso & **B. Goffinet**. 2009. The ecology and evolution of fly-dispersed dung mosses (Splachnaceae): manipulating insect behavior through odour and visual cues. *Symbiosis* 47: 61–76.
58. Larrain J., F. Herrera, J.M. Budke & **B. Goffinet**. 2009. Phylogenetic affinities and conservation status of the Chilean endemic *Costesia spongiosa* (Gigaspermaceae). *The Bryologist* 112: 278–286.
57. Wickett N.J., Y. Fan, P.O. Lewis & **B. Goffinet**. 2008. Distribution and evolution of pseudogenes, gene losses and a gene rearrangement in the non-photosynthetic liverwort, *Aneura mirabilis* (Metzgeriales, Jungermanniopsida). *Journal of Molecular Evolution* 67: 111–122. (doi:10.1007/s00239-008-9133-1).

56. Rozzi R., J. Armesto, **B. Goffinet**, W.R. Buck, F. Massardo, J. Silander, Jr., M. Kalin-Arroyo, S. Russell, C. Anderson, L. Cavieres & B. Callicott. 2008. Changing lenses to assess biodiversity: patterns of species richness in sub-Antarctic plants and implications for global conservation. *Frontiers in Ecology and the Environment* 6: 131–137.
55. Wickett N.J., Y. Zhang, S.K. Hansen, J.M. Roper, J.V. Kuehl, S.A. Plock, P.G. Wolf, C.W. dePamphilis, J.L. Boore & **B. Goffinet**. 2008. Functional gene losses occur with minimal size reduction in the plastid genome of the parasitic liverwort *Aneura mirabilis*. *Molecular Biology and Evolution* 25: 393–401. (doi:10.1093/molbev/msm267).
54. Vanderpoorten A., N. Devos, **B. Goffinet**, O. Hardy & A.J. Shaw. 2008. The barriers to oceanic island radiation in bryophytes: insights from a phylogeography of the moss *Grimmia montana*. *Journal of Biogeography* 33: 654–663.
53. Shaw A.J., I. Holz, C.J. Cox & **B. Goffinet**. 2008. Phylogeny, character evolution, and biogeography of the Gondwanic moss family Hypopterygiaceae (Bryophyta). *Systematic Botany*: 33: 21–30.
52. Wickett N. & **B. Goffinet**. 2008. The origin and relationships of the myco-heterotrophic liverwort *Cryptothallus mirabilis* Malmb. (Metzgeriales, Marchantiophyta). *Botanical Journal of the Linnean Society* 156: 1–12.
51. **Goffinet B.**, N. Wickett, O. Werner, R.M. Ros, A.J. Shaw & C.J. Cox. 2007. Distribution and phylogenetic significance of a 71 kb inversion in the chloroplast genome of the Funariidae (Bryophyta). *Annals of Botany* 99: 747–753.
50. **Goffinet B.**, W.R. Buck & M.A. Wall. 2007. *Orthotrichum freyanum* (Orthotrichaceae, Bryophyta), a new epiphytic species from Chile. *Beiheft zur Nova Hedwigia* 131: 1–11.
49. Budke J.M., C.S. Jones & **B. Goffinet**. 2007. A developmental study of the peristome-forming region of *Timmia megapolitana* (Bryophyta: Timmiaceae). *American Journal of Botany* 94: 460–467.
48. Werner O., R.M. Ros & **B. Goffinet**. 2007. A reconsideration of the systematic position of the genus *Goniomitrium* (Funariaceae) based on chloroplast sequence markers. *The Bryologist* 110: 108–114.
47. Vanderpoorten A. & **B. Goffinet**. 2006. Mapping uncertainty and phylogenetic uncertainty in ancestral character state reconstruction: an example in the moss genus *Brachytheciastrum*. *Systematic Biology* 55: 957–971.
46. Budke J.M. & **B. Goffinet**. 2006. Phylogenetic analyses of the Timmiaceae (Bryophyta: Musci) based on nuclear and chloroplast sequence data. *Systematic Botany* 31: 633–641.
45. Piercey-Normore M.D., D. Coxson, T. Goward & **B. Goffinet**. 2006. Phylogenetic position of the Pacific Northwest endemic cyanolichen, *Nephroma occultum*. *Lichenologist* 38: 441–456.
<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=465726>
44. Lüth M. & **B. Goffinet**. 2005. *Splachnum pensylvanicum* (Bryophyta: Splachnaceae) is newly recorded from the Southern Hemisphere. *Bryologist* 108: 415–419.
43. Shaw A.J., C.J. Cox & **B. Goffinet**. 2005. Global patterns of moss diversity: taxonomic and molecular inferences. *Taxon* 54: 337–352.
42. **Goffinet B.**, N.J. Wickett, A.J. Shaw & C.J. Cox. 2005. Phylogenetic significance of the *rpoA* loss in the chloroplast genome of mosses. *Taxon* 54: 353–360.
41. Vanderpoorten A., M. S. Ignatov, S. Huttunen & **B. Goffinet**. 2005. A molecular and morphological circumscription of *Brachytheciastrum* (Brachytheciaceae, Bryopsida). *Taxon* 54: 369–376.
40. Blockeel T. L., A. Vanderpoorten, **B. Goffinet** & A. Sotiaux. 2005. The status of the mid-western European endemic moss, *Brachythecium appleyardiae*. *Journal of Bryology* 27: 137–141.

39. Buck W.R., C.J. Cox, A.J. Shaw & **B. Goffinet**. 2004 (2005). Ordinal relationships of pleurocarpous mosses, with special emphasis on the Hookeriales. *Systematics and Biodiversity* 2: 121–145.
38. Norris D.H., J.R. Shevock & **B. Goffinet**. 2004. *Orthotrichum kellmanii* (Bryopsida, Orthotrichaceae), a remarkable new species from the central coast of California. *The Bryologist* 107: 209–214.
37. **Goffinet B.**, A.J. Shaw & C. Cox. 2004. Phylogenetic inferences in the dung-moss family Splachnaceae from analyses of cpDNA sequence data and implications for the evolution of entomophily. *American Journal of Botany* 91: 748–759.
36. Cox C.J., **B. Goffinet**, A.J. Shaw & S. Boles. 2004. Phylogenetic relationships among the mosses based on heterogeneous bayesian analysis of multiple genes from multiple genomic compartments. *Systematic Botany* 29: 234–250.
35. Shaw A.J., C.J. Cox, **B. Goffinet** & W.R. Buck. 2003. Phylogenetic evidence of a rapid radiation of pleurocarpous mosses (Bryophyta). *Evolution* 57: 2226–2241.
34. **Goffinet B.**, J. Miadlikowska & T. Goward. 2003. Phylogenetic inferences based on nrDNA sequences support five morphospecies within the *Peltigera didactyla* complex (Lichenized Ascomycota). *The Bryologist* 106: 349–364.
33. Vanderpoorten A., **B. Goffinet**, L. Hedenäs, C.J. Cox & A.J. Shaw. 2003. A taxonomic reassessment of the Vittaceae (Hypnales, Bryopsida): Evidence from phylogenetic analyses of combined chloroplast and nuclear sequence data. *Plant Systematics and Evolution* 241: 1–12.
32. Fife A. & **B. Goffinet**. 2003. The identity of *Tayloria maidenii* Broth. *The Bryologist* 106: 309–310.
31. **Goffinet B.** 2002 (2003). *Orthotrichum sprucei* Mont., a European endemic discovered in Kazakhstan. *Arctoa* 11: 27–30.
30. **Goffinet B.** & R. Shannon. 2002. On the occurrence of an extensive but deciduous prostome in *Orthotrichum obtusifolium*. *The Bryologist* 105: 349–352.
29. **Goffinet B.** & A.J. Shaw. 2002. Independent origins of cleistocarpy in the Splachnaceae: analyses of cpDNA sequences and polyphyly of the Voitiioideae (Bryophyta). *Systematic Botany* 27: 203–208.
28. Vanderpoorten A., A.J. Shaw & **B. Goffinet**. 2001. Testing controversial alignments in *Amblystegium* and related genera (Amblystegiaceae: Bryopsida). Evidence from rDNA ITS sequences. *Systematic Botany* 26: 470–479.
27. **Goffinet B.**, C.J. Cox, A.J. Shaw & T.A. Hedderson. 2001. The Bryophyta (Mosses): Systematic and evolutionary inferences from a *rps4* gene (cpDNA) phylogeny. *Annals of Botany* 87: 191–208.
26. Buck W.R., **B. Goffinet** & A.J. Shaw. 2000. Novel relationships in pleurocarpous mosses as revealed by cpDNA sequences. *The Bryologist* 103: 774–789.
25. Goward T. & **B. Goffinet**. 2000. *Peltigera chionophila*, a new lichen (Ascomycetes) from the western cordillera of North America. *The Bryologist* 103: 493–498.
24. Shaw A.J. & **B. Goffinet**. 2000. Molecular evidence of reticulate evolution in the peatmosses (*Sphagnum* L.), including *S. ehyalinum* n. sp. *The Bryologist* 103: 357–374.
23. Cox C., **B. Goffinet**, A.E. Newton, A.J. Shaw & T.A.J. Hedderson. 2000. Phylogenetic relationships among the diplolepideous-alternate mosses (Bryidae) inferred from nuclear and chloroplast DNA sequences. *The Bryologist* 103: 224–241.
22. **Goffinet B.** & C. Cox. 2000. Phylogenetic relationships among basal-most arthrodontous mosses with special emphasis on the evolutionary significance of the Funariineae. *The Bryologist* 103: 212–223.
21. Newton A.E., C. Cox, J. G. Duckett, J. Wheeler, **B. Goffinet**, T.A.J. Hedderson & B.D. Mishler. 2000. Evolution of the major moss lineages. *The Bryologist* 103: 187–211.

20. Buck W.R., **B. Goffinet** & A.J. Shaw. 2000. Testing morphological concepts of orders of pleurocarpous mosses (Bryophyta) using phylogenetic reconstructions based on *trnL-trnF* and *rps4* sequences. *Molecular Phylogenetics and Evolution* 16: 180–198.
19. **Goffinet B.** & H. Greven. 2000. *Grimmia indica* (Grimmiaceae), a new combination. *Journal of Bryology* 22: 141.
18. **Goffinet B.**, A.J. Shaw, L.E. Anderson & B.D. Mishler. 1999. Peristome development in mosses in relation to systematics and evolution. V. Orthotrichaceae. *The Bryologist* 102: 581–599.
17. **Goffinet B.** & J. Miadlikowska. 1999. *Peltigera phyllidiosa* (Peltigeraceae, Lichenized Ascomycota), a new morphological species from Eastern North America corroborated by ITS sequences. *The Lichenologist* 31: 247–256.
<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=954116>
16. **Goffinet B.** 1999. *Brachymitrium immersum* (Splachnaceae, Musci) a new species from Cameroon. *The Bryologist* 102: 108–111.
15. **Goffinet B.**, R.J. Bayer & D.H. Vitt. 1998. Circumscription and phylogeny of the Orthotrichales (Bryopsida) inferred from *rbcl* sequence analysis. *American Journal of Botany*: 85: 1324–1337.
14. Hodgetts N. and **B. Goffinet**. 1998. *Hypnodontopsis mexicana* (Thér.) H. Rob. (Rhachithecaceae), a genus and species new to Africa. *Journal of Bryology* 20: 251–252.
13. **Goffinet B.** 1998. *Jonesiobryum sphaerocarpum* Allen and Pursell (Musci: Rhachithecaceae) new to the Central African Republic. *Journal of Bryology* 20: 242–243.
12. **Goffinet B.** 1998. A reconsideration of the affinities of *Kleioweisiopsis*, *Pleurozygodontopsis*, *Trigonodictyon*, and the Microtheciellaceae (Bryopsida, Orthotrichales). *Journal of Bryology* 20: 69–81.
11. **Goffinet B.** 1997 (1998). The Rhachithecaceae: Revised generic circumscription and ordinal affinities. *The Bryologist* 100: 425–439.
10. **Goffinet B.** & R.J. Bayer. 1997. Characterization of mycobionts of photomorph pairs in the Peltigerineae (lichenized Ascomycetes) based on ITS sequences of specifically amplified fungal ribosomal DNA. *Fungal Genetics and Biology* 21: 228–237.
<http://www.sciencedirect.com/science/article/pii/S1087184597909774>
9. **Goffinet B.** 1996. *Cardotiella elimbata* (Thér.) *comb. nov.*, and *C. appendiculata* new to Mauritius (Musci, Orthotrichaceae). *The Bryologist* 99: 390–396.
8. Goward T., **B. Goffinet** & O. Vitikainen. 1995. Synopsis of the genus *Peltigera* (Lichenes, Ascomycotina) in British Columbia with a key to the North American species. *Canadian Journal of Botany* 73: 91–111. <http://www.nrcresearchpress.com/doi/abs/10.1139/b95-012#UPgiYraedQo>
7. **Goffinet B.** & R. Hastings. 1995. Two new sorediate taxa of *Peltigera* (Lichenized Ascomycetes). *The Lichenologist* 27: 43–58.
6. **Goffinet B.** & R. Hastings. 1994. The lichen genus *Peltigera* (lichenized Ascomycetes) in Alberta. *Provincial Museum of Alberta Natural History Occasional Paper No. 21*: i–vi + 1–54.
5. **Goffinet B.**, E. Sérusiaux, and P. Diederich. 1994 (1995). Le genre *Peltigera* (Lichenes) en Belgique et au Grand-Duché de Luxembourg. *Belgian Journal of Botany* 127: 184–206.
4. **Goffinet B.** 1994. Floristic notes on the lichen and lichenicolous fungi flora of Alberta, Canada. *Mycotaxon* 51: 1–4.
3. **Goffinet B.** 1993. Taxonomic and floristic notes on neotropical Macromitrioideae (Orthotrichaceae). *Tropical Bryology* 7: 149–154.

2. Goward T. & **B. Goffinet**. 1993. *Nephroma silvae-veteris*, a new lichen (Ascomycotina) from the Pacific Northwest of North America. *The Bryologist* 96: 242–244.
1. **Goffinet B.** 1992. Deux lichens nouveaux pour la Belgique: *Bryoria subcana* (Nyl. ex Stizenb.) Brodo & D. Hawksw. et *Micarea melaena* (Nyl.) Hedl. *Dumortiera* 51: 19–21.

DISTRIBUTION RECORDS AND OTHER NON-REVIEWED PUBLICATIONS

7. Rozzi R., L. Lewis, F. Massardo & **B. Goffinet**. 2015. Luupidega ökoturism samblafloora väärtustamiseks: ülelutse Lõunast. [Ecotourism with a hand-lens to appreciate the bryoflora: an invitation from the South.] *Samblasöber* 18: 2–13. <http://www.botany.ut.ee/bruoloogia/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.

OUTREACH AND EDUCATION MATERIAL

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.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.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.uconn.edu.

ELECTRONIC DISSEMINATION

1. Cole T.C.H., H.H. Hilger & **B. Goffinet**. 2019. Bryophyte Phylogeny Poster. Printable A0 poster of the current phylogeny of mosses, liverworts, and hornworts with characteristics of all orders. (Available in 12 languages through ResearchGate). *PeerJ*
2. **Goffinet B.**, W.R. Buck & A.J. Shaw. 2009 (Regularly updated). Classification of the Bryophyta. <https://bryology.uconn.edu/classification/>

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 Vermalicina (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.

PRESENTATIONS

INVITED SPEAKER AT CONFERENCES AND WORKSHOP

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| 2017 | 8 th 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 | <i>Evolutionary Biology of the Bryopsida</i> 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

- 2019 University of Chile, Department of ecological sciences, Santiago, Chile.
- 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.
Arnold Arboretum, Harvard.
- 2013 Kunming Botanical Institute, Chinese Academy of Sciences, Yunnan, China.
- 2010 Shanghai Normal University, China. 10th International Scholar's Forum. July 6th.
- 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)
- 1999 University of Xalapa (Department of Ecology; Mexico)
Duke University (Department of Botany)
- 1998 British Museum of Natural History (London)
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)
- 1996 University of Alberta (Department of Biological Sciences; Canada)

INTERNATIONAL AND NATIONAL MEETINGS WITH ASSOCIATED PUBLISHED ABSTRACTS

(note: this lists all presentations that I have been a co-author on, not the ones I have actually presented)

133. Dong S., C. Zhao, S. Zhang, W. Mu, T. Wei, H. Liu, J. Cui, H. Wu, R. Zhu, **B. Goffinet** & Y.Liu. 2018. PPR protein diversity and GC content drive variation in RNA editing site across organellar genomes of liverworts. 2018 China National Symposium on Systematic and Evolutionary Botany and the 13th Youth Academic Symposium, Wuhan, China, Nov. 23-26th. 2018.
132. Russo N.J., M. Robertson, J. Jimenéz & **B. Goffinet**. Bryophyte diaspores recovered from the feces of montane Sub-Antarctic birds. 27th International Ornithological Congress. Vancouver, Canada, August 19–26.
131. Robertson, M.W., N.J. Russo, S.J. McInnes, **B. Goffinet** & J. Jimenéz. 2018. Live tardigrades recovered from faeces of White-bellied Seedsnipe. 14th Annual International Symposium on Tardigrada. Copenhagen, Denmark, July 30-August 3rd.
130. Johnson M.G., R. Medina, N. Wickett & **B. Goffinet**. 2018. Intergeneric allopolyploidy in Funariaceae revealed through targeted sequencing. Annual meeting of the iMOSS (international molecular moss science society) in St. Petersburg, Florida, June 3-6.

129. **Goffinet B.**, R. Medina & M. Johnson. 2018. Phylogenomics of the Funariaceae based on targeted enrichment of nuclear and organellar loci. Annual meeting of the iMOSS (international molecular moss science society) in St. Petersburg, Florida, June 3-6.
128. Liu Y., N. Rahmatpour, F. Dingding, D. Shanshan, S. Zhang, J. Wegrzyn & **B. Goffinet**. Assembly of the moss genome *Funaria hygrometrica* using Nanopore and NGS data. Annual meeting of the iMOSS (international molecular moss science society) in St. Petersburg, Florida, June 3-6.
127. Liu D., L.S. Wang, X.Y. Wang, B. Goffinet & J. Hur. 2018. The basidiolichens of China. International Mycological Congress; San Juan Puerto Rico, July 16–21, 2018.
126. Simon A., **B. Goffinet** & E. Sérusiaux. 2018. Islands as promoters of lichen diversity: case studies from the Peltigerales. International Mycological Congress; San Juan Puerto Rico, July 16–21, 2018.
125. Wilding N., Y. Liu, R. Medina, **B. Goffinet** & T. A. Hedderson. 2018. Taxonomy, systematics and biogeography of African *Entosthodon* (Funariaceae). European Conference of Tropical Ecology. Centre International de Conférences Sorbonne Universités (CICSU) of the University Pierre-Marie Curie and at the Muséum National d'Histoire Naturelle in Paris historic center. March 26–29, 2018.
124. Johnson M. Y. Liu, R. Medina, **B. Goffinet**, A.J. Shaw & N. Wickett. 2017. Phylotranscriptomics reveals widespread gene duplication associated with the diversification of pleurocarpous mosses. International Botanical Congress; Shenzhen, China, July 23–29, 2017.
123. Krug M., P. Testroet, S. Noben, Y. Liu, **B. Goffinet**, K. Müller & D. Quandt. 2017. The Carboniferous set the stage for the major moss lineages which later experienced multiple independent rate shifts. International Botanical Congress; Shenzhen, China, July 23–29, 2017.
122. Medina R. M. Johnson, Y. Liu, J.M. Budke, N. Wilding & **B. Goffinet**. 2017. The Origin of the Model Taxon *Physcomitrella patens*: Resolving a rapid diversification using a phylogenomic approach based on enriched genomic libraries. International Botanical Congress; Shenzhen, China, July 23–29, 2017.
121. Liu Y., M. Johnson, R. Medina, N. Devos, J. Shevock, L. Hedenäs, A. Vanderpoorten, N. Bell, B. Shaw, D. Quandt, N. Wickett, A. Shaw & **B. Goffinet**. 2017. Resolving the backbone phylogeny of mosses, using targeted NGS data from plastid, mitochondrial and nuclear genomes. International Botanical Congress; Shenzhen, China, July 23–29, 2017.
120. Rahmatpour N., **B. Goffinet** & J. Wegrzyn. 2017. Significant unsuspected genomic innovation in *Funaria*: is ecophysiological selection driving the evolution of the Funariaceae? Botanical Society of America/American Bryological Society annual meeting; Fort Worth, Texas, June 24–28, 2017. Abstract 363.
119. Simon A., N. Magain, **B. Goffinet** & E. Sérusiaux. 2017. Macroevolutionary patterns of an unsuspected species-rich lichen radiation: insights from the genus *Sticta*. Botanical Society of America/American Bryological Society annual meeting; Fort Worth, Texas, June 24–28, 2017. Abstract 431.
118. Parker D. & **B. Goffinet**. 2017. One fungus-two lichens: *Dendroicaulon intricatum* is the cyanomorph of the Eastern North American endemic *Ricasolia quercizans* (Lobariaceae). Botanical Society of America/American Bryological Society annual meeting; Fort Worth, Texas, June 24–28, 2017. Abstract 445.
117. Lindgren H., B. Moncada, R. Lücking, N. Magain, A. Simon, E. Sérusiaux, **B. Goffinet**, T. Widhelm & T. Lumbsch. 2017. Species in the lichenized fungal genus *Sticta* (Lobariaceae) associate with green algae from multiple genera in the family Trebouxiophyceae. Botanical Society of America/American Bryological Society annual meeting; Fort Worth, Texas, June 24–28, 2017. Abstract 173.
116. **Goffinet B.**, M. Johnson, Y. Liu, R. Medina, A.J. Shaw, N. Wickett. 2017. Targeted enrichment of nuclear protein coding genes and their introns for inferring phylogenetic histories of bryophytes.

Future Arctic: Arctic Bryophytes and Lichens. Workshop, May 24–26, 2017, Forêt Montmorency, Université Laval, Québec, Canada.

115. Krug M., P. Testroet, S. Noben, Y. Liu, **B. Goffinet**, K. Müller & D. Quandt. 2016. Resolving the backbone phylogeny of mosses, using fast evolving regions from organellar genomes. 67th Nacional de botanica, September 25–30, Vitoria, Brazil.
114. Krug M., P. Testroet, S. Noben, Y. Liu, **B. Goffinet**, K. Müller & D. Quandt. 2016. Resolving the backbone phylogeny of mosses, using fast evolving regions from organellar genomes. 23rd Symposium on Biodiversity and Evolutionary Biology, September 8–11, 2016, Munich, Germany.
113. Schlesak S., D. Harpke, Y. Liu, L. Hedenäs, F.R. Blattner, K. Müller, **B. Goffinet** & D. Quandt. 2016. The *Hypnum* organellar genomes. 23rd Symposium on Biodiversity and Evolutionary Biology, September 8–11, 2016, Munich, Germany (poster).
112. Malley C., M.G. Johnson, **B. Goffinet**, A.J. Shaw & N.J. Wickett. Circumscribing a core set of conserved, orthologous genes for moss phylogenetics. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 723.
111. Jutla S., C. Delavoi, **B. Goffinet**, Y. Liu & R. Medina. 2016. The phylogenetic structure in four chloroplast loci confirms the polyphyly of *Physcomitrium pyriforme* (Bryophyta) in North America. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 487. (poster)
110. Rahmatpour N. & **B. Goffinet**. 2016. Exploring the potential of genetic diversity between *Funaria hygrometrica* and *Physcomitrella patens* by transcriptome. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 668.
109. Liu Y., M. Johnsson, R. Medina, N. Devos, N. Wickett, A.J. Shaw & **B. Goffinet**. 2016. Resolving the backbone phylogeny of mosses, using targeted NGS data from plastid, mitochondrial and nuclear genomes. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 503.
108. Medina R., M. Johnson, Y. Liu, J.M. Budke, N. Wilding, T. Hedderson, N.J. Wickett & **B. Goffinet**. 2016. Zooming in on the rapid radiation of the Funariaceae. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 317.
107. Johnson M., **B. Goffinet**, A.J. Shaw & N.J. Wickett. 2016. A re-evaluation of ancient horizontal gene transfer in bryophytes using comparative transcriptome data. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 391.
106. Caviness T.E., E. Behling, L. Lewis, J. Jimenez, **B. Goffinet** & R. Rozzi. 2016. Dispersal of Bryophyte diaspores through ingestion by birds. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 224 (poster).
105. Lewis L., R. Rozzi & **B. Goffinet**. 2016. American temperate and polar amphitropical bryophytes. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 234.
104. Lewis L., Y. Liu, R. Rozzi & **B. Goffinet**. 2016. Uncovering the evolutionary history of the dung moss *Tetraplodon fuegianus*: A comparison of Sanger, organellar genomic, and RADseq datasets. Botanical Society of America/American Bryological Society annual meeting; Savannah, Georgia, July 30–August 3, 2016. Abstract 231.
103. Parker D. & **B. Goffinet**. 2016. When your partner shapes your look: ITS analysis of symbionts in *Dendriocaulon intricatum* and *Ricasolia quercizans*. 8th International Association of Lichenologists Symposium. Helsinki, Finland. August 1-5, 2016. Poster.
102. Magain N., F. Lutzoni, E. Sérusiaux, C. Truong, C. Pardo de la Hoz, D. Niu, T. Goward, M. Zhurbenko, **B. Goffinet**, O. Vitikainen & J. Miadlikowska. 2016. The importance of spatio-temporal photobiont patterns of association for comprehensive phylogenetic revisions and

- macroevolutionary studies of lichens: a worldwide case study of the genus *Peltigera*. 8th International Association of Lichenologists Symposium. Helsinki, Finland. August 1-5, 2016.
101. Simon A., N. Magain, **B. Goffinet** & E. Sérusiaux. 2016. Recent and rapid radiation of the lichen genus *Sticta* in the Western Indian Ocean islands. 8th International Association of Lichenologists Symposium. Helsinki, Finland. August 1-5, 2016.
100. Sérusiaux E., N. Magain, B. Moncada, R. Lücking, P. Divakar, T. Goward, P. van den Boom & **B. Goffinet**. 2016. Four new species in the lichen genus *Sticta* from Macaronesia. 8th International Association of Lichenologists Symposium. Helsinki, Finland. August 1-5, 2016. Poster.
99. Schlesak S., D. Harpke, Y. Liu, F. Blattner, K. Müller, **B. Goffinet** & D. Quandt. 2016. The *Hypnum* organellar genomes. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016. Poster.
98. Krug M., P. Testroet, S. Noben, Y. Liu, **B. Goffinet**, K. Müller & D. Quandt. 2016. Resolving the backbone phylogeny of mosses, using fast evolving regions from organellar genomes. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
97. Krug M., K. Müller, P. Testroet, S. Noben, Y. Liu, **B. Goffinet**, T. Borsch & D. Quandt. 2016. Phylogenetic structure in organellar markers: resolving the backbone phylogeny of mosses. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
96. Liu Y., M. Johnson, R. Medina, N. Devos, W.R. Buck, J. Shevock, H. Akiyama, M. Ignatov, L. Hedenäs, P. Dalton, N. Bell, B. Shaw, N. Wickett, A.J. Shaw & **Goffinet B.** 2016. Phylogenetic relationships within the pleurocarpous mosses: phylogenomic inferences from targeted enriched libraries of genes from all compartments. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
95. Medina R., M. Johnson, Y. Liu, J. Budke, N. Wilding, T. Hedderson, N. Wickett & **B. Goffinet**. 2016. A genomic approach to solve the phylogeny of the Funariaceae. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
94. Liu Y., M. Johnson, R. Medina, N. Devos, N. Bell, D. Quandt, A. Vanderpoorten, B. Shaw, N. Wickett, A.J. Shaw & **B. Goffinet**. 2016. Resolving the backbone phylogeny of mosses, using targeted NGS data from plastid, mitochondrial and nuclear genomes. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
93. Johnson M.G., C Malle, **B. Goffinet**, A.J. Shaw & N.J. Wickett. 2016. Phylotranscriptomic insights into the radiation of pleurocarpous mosses: gene family expansions and paleopolyploidy. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
92. Draper I., F. Lara, R. Garilleti, B. Vigalondo, R. Medina, Y. Liu, V. Mazimpaka & **B. Goffinet**. 2016. Searching a variable region to increase the resolution in an unresolved phylogeny. 2nd International Symposium on the Evolution and Systematics of pleurocarpous mosses. Nees Institute for Plant Biodiversity, University of Bonn, Germany. June 9-12, 2016.
91. Draper I., F. Lara, R. Garilleti, B. Vigalondo, R. Medina, Y. Liu, V. Mazimpaka & **B. Goffinet**. 2016. Towards the clarification of the phylogeny of the Orthotrichoideae. Meeting of the Spanish Bryological Society, Western Andalusia, Spain, 30 May-6 June 2016.
90. Vigalondo B., Y. Liu, I. Draper, F. Lara, V. Mazimpaka & **B. Goffinet**. 2016. Exploring genomes to find intraspecific variable markers for biogeographic and phylogeographic studies in *Orthotrichum* Hedw. Meeting of the Spanish Bryological Society, Western Andalusia, Spain, 30 May-6 June 2016.

89. Metzgar J., S. Gowan, A. Fryday, L. R. Lewis, J. C. Villarreal, E. Biersma, S. McDaniel, **B. Goffinet**, C. La Farge, P. Convey & S. Ickert Bond. 2016. Baseline information, digitization and future directions and priorities for Arctic cryptogam research. Arctic Science Summit Week. Fairbanks, Alaska, March 12–18, 2016.
88. Simon A., N. Magain, **B. Goffinet** & E. Sérusiaux. 2016. Recent and rapid radiation of the lichen genus *Sticta* in the Western Indian Ocean islands. Third Annual Meeting on Plant Ecology and Evolution, Gent, Belgium, February 5, 2016. Poster. <http://hdl.handle.net/2268/194540>
87. Lewis L., R. Rozzi & **B. Goffinet**. 2016. Phylogeographic history of the Magellanic Sub-Antarctic endemic *T. fuegianus* (Bryopsida: Splachnaceae). VIII Southern Connection, Punta Arenas, Chile, January 18–23, 2016.
86. Johnson M., N. Wickett, R. Medina, Y. Liu, N. Devos, A. Shaw & **B. Goffinet**. 2015. Phylotranscriptomic insights into the radiation of mosses: gene family expansions and paleopolyploidy. Annual meeting of the Botanical Society of America, in Edmonton, Alberta, July 25–29 [abstract 877].
85. Malley, C., M. Johnson, **B. Goffinet**, J. Shaw & N. Wickett. 2015. A comparison of ortholog detection methods and their application to the moss phylogeny. Annual meeting of the Botanical Society of America, in Edmonton, Alberta, July 25–29 [abstract 1833]. Poster.
84. Lewis, L.R., R. Rozzi & **B. Goffinet**. 2015. A RADseq approach for resolving the amphitropical phylogeographic history of the dung moss *Tetraplodon* (Bryopsida: Splachnaceae). Annual meeting of the Botanical Society of America and American Bryological and Lichenological Society, in Edmonton, Alberta, July 25–29 [abstract 1849].
83. Magain, N., J. Miadlikowska, **B. Goffinet**, E. Sérusiaux & F. Lutzoni. 2015. Evolution of specificity in the lichen-forming genus *Peltigera* and its cyanobacterial partner: consequences on speciation rate and geographical range. Annual meeting of the Mycological Society of America, Edmonton, Alberta, July 25–29.
82. Behling, E., L.R. Lewis, H. Gousse, E. Qian, C. Elphick, J.-F. Lamarre, J. Bêty, J. Liebezeit, R. Rozzi & **B. Goffinet**. 2015. Migratory birds carry plant diaspores in their feathers. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15. (poster)
81. Liu, Y., N. Devos, M. Johnson, R. Medina, N. Wickett, A.J. Shaw & **B. Goffinet**. 2015. *Targeted organellar gene enrichment for resolving the macroevolutionary moss tree of life*. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15.
80. Liu, Y., R. Medina & **B. Goffinet**. 2015. *350 my of mitochondrial genome stasis in mosses, an early land plant lineage*. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15.
79. Lewis, L.R., R. Rozzi & **B. Goffinet**. 2015. Resolving bipolar phylogeographic histories the dung moss *Tetraplodon*: A RAD-seq approach. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15.
78. Lewis, L.R., Y. Liu, R. Rozzi & **B. Goffinet**. 2015. Plastid variation in the young endemic dung moss *Tetraplodon fuegianus*. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15.
77. Krug, M., K. Müller, **B. Goffinet**, T. Borsch, P. Testroet, S. Noben, V. Knoop & D. Quandt. 2015. Phylogenetic structure in organellar markers: resolving the backbone phylogeny of mosses. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15.
76. Budke, J. M., L. Busta, C. S. Jones & **B. Goffinet**. 2015. Beneath the veil of the calyptra: exploring cuticle anatomy during moss sporophyte development in the Funariaceae. Biennial meeting of the International Association of Bryologists. Puerto Williams, Subantarctic Chile. Jan. 11–15.

75. Liu Y., C.J. Cox, W. Wang & **B. Goffinet**. 2015. Mitochondrial phylogenomics of early land plants: Mitigating the effects of saturation, compositional heterogeneity, and codon-usage bias. 17th Annual MOSS International Conference. Capital Normal University, Beijing, China. Sept. 25–28.
74. Liu Y., R. Medina & **B. Goffinet**. 2015. 350 million years of mitochondrial genome stasis in mosses, an early land plant lineage. 17th Annual MOSS International Conference. Capital Normal University, Beijing, China. Sept. 25–28. Poster.
73. Behling, E., L.R. Lewis, H. Gousse, E. Qian, C. Elphick, J.-F. Lamarre, J. Bêty, J. Liebezeit, R. Rozzi & **B. Goffinet**. 2014. Migratory birds carry plant diaspores in their feathers. Annual Meeting of the Society for Evolution, Raleigh, NC, June 20–24, 2014. Abstract 1603.
72. Magain, N., J. Miadlikowska, **B. Goffinet**, E. Sérusiaux & F. Lutzoni. 2014. Two are better than one: Delimiting cryptic lichen-forming fungal species using DNA sequence data from the fungal and cyanobacterial partners of *Peltigera* Section *Polydactylon* (Ascomycota; Lecanoromycetes). 10th Mycological Congress. Bangkok, Thailand, August 3–8, 2015. Poster.
71. Magain, N., J. Miadlikowska, **B. Goffinet**, E. Sérusiaux & F. Lutzoni. 2014. Evolution of specificity within the lichen-forming genus *Peltigera* and its cyanobacterial partner: Consequences on speciation rate and geographical range. 10th Mycological Congress. Bangkok, Thailand, August 3–8, 2015.
70. Wickett N., M. Johnson, J. Shaw, and **B. Goffinet**. 2014. Reconstructing gene family evolution in bryophytes: diversification, duplication, and horizontal transfer. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Boise. July 27–31, 2014. Abstract 622.
69. Johnson M., Wickett N., N. Devos, R. Medina, Y. Liu, **B. Goffinet** and A.J. Shaw. 2014. Constructing phylogenetic datasets from bait-capture data without a genome: strategies and challenges. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Boise. July 27–31, 2014. Abstract 606.
68. Lewis, L.R., E. Behling, H. Gousse, E. Qian, C. Elphick, J.-F. Lamarre, J. Bêty, J. Liebezeit & **B. Goffinet**. 2014. Migratory birds carry plant diaspores. Poster. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Boise. July 27–31, 2014. Abstract 509.
67. Liu Y., C.J. Cox, W. Wang & **B. Goffinet**. 2014. Mitochondrial phylogenomics of early land plant diversification: mitigating the effects of saturation and compositional heterogeneity. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Boise. July 27–31, 2014. Abstract 505.
66. Moses, K.P., N. Noell, R. Rijal, Y. Medina, L. R. Lewis, P. Caballero, V. Morales, A.M. Wilson, Paola Vezzani, F. Massardo, L. Sancho, S. Russell, L.A. Cavieres, **B. Goffinet** & R. Rozzi. 2013. Ecotourism with a hand lens in the miniature forests of Cape Horn: A sustainable pathway for bryophyte conservation. 98th Ecological Society of America Annual Meeting, "Life on Earth: Preserving, Utilizing, and Sustaining Our Ecosystems," Minnesota, August 4-9, 2013.
65. Wickett, N., A.J. Shaw, Y. Liu & **B. Goffinet**. 2013. Reconstructing the rapid radiation of pleurocarpous mosses using genomic approaches. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Louisiana. July 27–31, 2013.
64. Liu, Y, R. Medina and **B. Goffinet**. 2013. The evolution of the mitochondrial genome in mosses. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Louisiana. July 27–31, 2013.
63. Liu, Y., R. Medina, N. Wilding, J.M. Budke, T. Hedderson & **B. Goffinet**. 2013. The evolutionary history of *Physcomitrella patens*: phylogenetic inferences from 4 loci within the Funariidae. Annual meeting of the American Bryological and Lichenological Society and Botanical Society of America. Louisiana. July 27–31, 2013.

62. Budke, J. M., C. S. Jones & **B. Goffinet**. 2012. Sporophyte development and calyptra cuticle function in *Funaria hygrometrica*. MOSS2012. International conference on bryophyte genomics. . The New York Botanical Garden. June 16-18, 2012.
61. Wickett N., Y. Liu, L. Forrest, J.C. Villarreal & **B. Goffinet**. 2012. Relationships among bryophyte lineages in the context of land plant evolution based on organellar phylogenomic inferences. 3rd International Symposium on Molecular Systematics of Bryophytes. The New York Botanical Garden. June 20-22, 2012.
60. Liu Y. & **B. Goffinet**. 2012. The evolution of mitochondrial genomes in bryophytes. 3rd International Symposium on Molecular Systematics of Bryophytes. The New York Botanical Garden. June 20-22, 2012.
59. Lewis L. R. & **B. Goffinet**. 2012. Long distance hitchhiker or relict? Phylogenetic pattern in the *Tetraplodon mnioides* complex (Splachnaceae) and implications for the origin of *T. fuegianus*. 3rd International Symposium on Molecular Systematics of Bryophytes. The New York Botanical Garden. June 14-22, 2012.
58. Goffinet B., Liu Y., N. Wilding & J. M. Budke. 2012. Phylogenetic inferences in the Funariaceae: inferences from 10 versus 4 loci. 3rd International Symposium on Molecular Systematics of Bryophytes. The New York Botanical Garden. June 14-22, 2012.
57. Magain N., J. Miadlikowska, F. Lutzoni, **B. Goffinet** & E. Sérusiaux. 2012. Multilocus-based phylogeny and species recognition within the cosmopolitan *Peltigera neopolydactyla-dolichorhiza* complex. 7th Symposium of the International Association of Lichenologists. Bangkok, Thailand, January 2012.
56. Liu, Y., J.M. Budke & **B. Goffinet**. 2011. Phylogenetic inference suggests rampant homoplasy in sporophyte evolution in the Funariaceae. Moss 2011. Annual meeting of the *Physcomitrella* genomics community. Freiburg, Germany, Sept. 11-15, 2011.
55. Villarreal, J.C., L.L. Forrest, D. C. Cargill, N. Wickett, J. Bainard, & **B. Goffinet**. 2011. Evolution of sex in hornworts: from genes to genomes XVIII International Botanical Congress, Melbourne, July 2011.
54. **Goffinet, B.**, Y. Liu, L. Forrest, J. Xue, N. Wickett, B. Wang, J.C. Villarreal, L. Li & Y.-Q. Qiu. 2011. Chloroplast and mitochondrial genome evolution in early land plants: inferences from assemblies of liverwort genomes. XVIII International Botanical Congress, Melbourne, July 2011.
53. Moses, K. P., Y. Medina, F. Massardo, L.R. Lewis, **B. Goffinet** & R. Rozzi. 2011. Ecotourism with a Hand Lens: A sub-Antarctic approach to implement Earth stewardship. Ecological Society of America Annual Meeting in Austin, Texas, August 7-12 (abstract # 32688).
52. Liu, Y., J.M. Budke & **B. Goffinet**. 2011. Phylogenetic inference rejects sporophyte-based classification of the Funariaceae (Bryophyta): a rapid radiation suggests rampant homoplasy in sporophyte evolution. Annual Meeting of the Botanical Society of America, St. Louis, MO, July 9-13, 2011. (abstract id: 326)
51. Budke, J.M., C.S. Jones & **B. Goffinet**. 2011. Experimental Manipulation of the Moss Calyptra: The effect of cuticle removal and desiccation on sporophyte development in *Funaria hygrometrica*. Annual Meeting of the Botanical Society of America, St. Louis, MO, July 9-13, 2011. (abstract id: 326)
50. Marino, P., R. Raguso & **B. Goffinet**. 2010. The ecology and evolution of fly-dispersed dung mosses (Splachnaceae). 7th International Congress of Dipterology. San José, Costa Rica. 8-13 August.
49. Budke, J.M., **B. Goffinet** & C.S. Jones. 2010. Beneath the Calyptra's Veil: Exploring cuticle anatomy during moss sporophyte development. Annual Meeting of the Botanical Society of America, Providence, RI, July 31-August 4, 2010. (abstract id: 326)
48. **Goffinet, B.**, A.J. Shaw & C.J. Cox. 2010. Current understanding of phylogeny and phylogenetic diversity in bryophyte tree of life. Annual Meeting of the American Bryological and Lichenological Society, Providence, RI, July 31-August 4, 2010. (abstract id: 371)

47. Forrest, L.L. N.J. Wickett & **B. Goffinet**. 2010. Liverwort chloroplasts – into the next generation. Annual Meeting of the American Bryological and Lichenological Society, Providence, RI, July 31-August 4, 2010. (abstract id: 358)
46. Liu, Y., J.M. Budke & **B. Goffinet**. 2010. Phylogenetic relationships of *Physcomitrella* and other Funariaceae (Bryophyta) based on inferences from 10 genes. Annual Meeting of the American Bryological and Lichenological Society, Providence, RI, July 31-August 4, 2010. (abstract id: 184)
45. Sérusiaux, E., J.C. Villarreal, T. Wheeler & **B. Goffinet**. 2010. Species of *Nephroma* endemic to Macaronesia belong to two strongly supported clades each comprising a widespread holarctic species and all are of recent origin. Annual Meeting of the American Bryological and Lichenological Society, Providence, RI, July 31-August 4, 2010. (abstract id: 90)
44. Villarreal, J.C., K.D. McFarland & **B. Goffinet**. 2010. Thousands of years without sex: The case of the Southern Appalachian *Nothoceros aenigmaticus*. Annual Meeting of the American Bryological and Lichenological Society, Providence, RI, July 31-August 4, 2010. (abstract id: 583)
43. Moses, K., L. Lewis, M. Méndez, Y. Medina, M. Kozar, Massardo, **B. Goffinet**, R. Rozzi. 2010. with a hand-lens: Integrating bryological research, education, and conservation through scientific tourism in the Magellanic sub-Antarctic ecoregion. Annual Meeting of the Botanical Society of America, Providence, RI, July 31-August 4, 2010. (poster) (abstract id: 281)
42. Sérusiaux, E., J.C. Villarreal, T. Wheeler & **B. Goffinet**. 2010. Species of *Nephroma* endemic to Macaronesia belong to two strongly supported clades each comprising a widespread holarctic species and all are of recent origin. International Mycological Congress, Edinburgh, UK, August 1-6. (poster)
41. Moses, K. P., L. R. Lewis, M. Mendez, M. A. Kozar, Y. Medina, T. A. Contador, F. Massardo, **B. Goffinet**, J. H. Kennedy, L. Sancho, J. Etayo, A. G. Bolea, P. Vezzani, S. Russell and R. Rozzi. 2010. Ecotourism with a hand-lens: Integrating ecological research, education, and conservation through scientific tourism in the Magellanic sub-Antarctic ecoregion. Ecological Society of America, annual meeting in Pittsburg, Penn. Aug. 1-6, 2010. (id. P26486)
40. Lara, F., R. Medina, **B. Goffinet**, R. Garilleti & V. Mazimpaka. 2009. *Orthotrichum gynotrichum* sp. nov.: enlarging an unsettled taxonomical complex in South America. XVII Simpósio de Botânica Criptogâmica. 23-26 September 2009, Tomar, Portugal.
39. Wickett, N.J., C.A. Huizengua, L.L. Forrest & **B. Goffinet**. 2009. Plastid genomes on the liverwort tree of life: challenges and progress. Annual Meeting of the Botanical Society of America, Utah. (ID 785 on web catalogue at <http://www.2009.botanyconference.org/engine/search/index.php>).
38. Moses K.P., L. Sancho, J. Etayo, A. Gomez Bolea, J. Fernandez, **B. Goffinet**, J. H. Kennedy, F. Massardo, K. Stevens, X. Arango, A. Poole Yanet Medina, T. A. Contador, R. Rozzi. Ecological Society of America.
37. Huizenga C., N.J. Wickett, J. M. Budke, L. Parry & **B. Goffinet**. 2008. Annual Meeting of the Botanical Society of America, Vancouver. (ID 733 on web catalogue at <http://www.2008.botanyconference.org/engine/search/index.php>).
36. Villarreal J.-C., K. MacFarland & **B. Goffinet**. 2008. Annual Meeting of the Botanical Society of America, Vancouver. (ID 751 on web catalogue at <http://www.2008.botanyconference.org/engine/search/index.php>).
35. Jofre, J., F. Massardo, **B. Goffinet** & R. Rozzi. 2007. Ecological Society of Chile. Annual meeting, La Serena.
34. Caicheo, A., F. Massardo, **Goffinet, B.** & R. Rozzi. 2007. Ecological Society of Chile. Annual meeting, La Serena.
33. Wickett N.J. & **B. Goffinet**. 2007. Annual Meeting of the Brazilian Botanical Society. Sao Paulo.
32. Budke, J.M., Wickett, N.J., **Goffinet, B.** 2007. Multiple losses of the *cysA* gene from the chloroplast genome of liverworts (Marchantiophyta). Annual Meeting of Botanical Society of America.

Chicago. July 2007. (ID 2031 on web catalogue at <http://www.2007.botanyconference.org/engine/search/index.php>).

31. Wickett, N.J., Fan, Y.; Lewis, P.O. **Goffinet, B.** 2007. Plastid genome decay in parasitic plants: insight from the non-photosynthetic liverwort *Aneura mirabilis*. Annual Meeting of Botanical Society of America. Chicago. July 2007. (ID 2033 on web catalogue at <http://www.2007.botanyconference.org/engine/search/index.php>).
30. Budke J.M. and **Goffinet B.** 2006. Phylogenetic analyses of Timmiaceae (Bryophyta: Musci) inferred from nuclear and chloroplast sequence data. Annual Meeting of Botanical Society of America. Chico. July 2006. Abstract Scientific Meeting, Chico California, p. 72.
29. Wickett, N.J., Zhang, Y., Hansen, S.K., Roper, J.M., Kuehl, J.V., Plock, S., **Goffinet, B.**, dePamphilis, C.W., Wolf, P.G., Boore, J. Towards a complete chloroplast genome sequence of the non-photosynthetic liverwort *Cryptothallus mirabilis* (Metzgeriales, Marchantiophyta). Annual Meeting of Botanical Society of America. Chico. July 2006 Abstract Scientific Meeting, Chico California, p. 82.
28. **Goffinet, B.**, N. Wickett, A.J. Shaw, O. Werner, R.M. Ros & C.J. Cox. 2006. Refining the circumscription of the Funariales based on the chloroplast genome structure. Annual Meeting of Botanical Society of America. Chico. July 2006 Abstract Scientific Meeting, Chico California, p. 76.
27. Wickett N.J. & **B. Goffinet.** 2005. Relationships of the non-photosynthetic liverwort *Cryptothallus mirabilis* (Metzgeriales, Aneuraceae) based on four loci. American Journal of Botany (suppl.)
26. Budke J.M., C.S. Jones & **B. Goffinet.** 2005. Peristome development in *Timmia megapolitana* in relation to systematics and evolution of the Bryophyta. American Journal of Botany (suppl.)
25. Cox C.J., A.J. Shaw & **B. Goffinet.** 2005. The moss diversity project. A collaborative project between Duke University and the University of Connecticut. XVII International Botanical Congress. Vienna, July 2005.
24. **Goffinet, B.** & A.J. Shaw. 2005. The evolution of bryophytes: a synthesis. XVII International Botanical Congress. Vienna, July 2005.
23. Shaw, A.J., C. J. Cox & **B. Goffinet.** 2004. Toward a generic level phylogeny of the mosses. Bryophylogeny 2004, Göttingen (Germany); (unpaginated abstract).
22. Vanderpoorten A. & **B. Goffinet.** 2004. The evolution of endemism within a monophyletic complex of mosses with contrasting distribution patterns. Bryophylogeny 2004, Göttingen (Germany); (unpaginated abstract).
21. **Goffinet, B.**, N. Wicket, C. J. Cox & A. J. Shaw. 2004. The evolution of the *rpoA* (cpDNA) region in mosses. Bryophylogeny 2004, Göttingen (Germany); (unpaginated abstract).
20. **Goffinet, B.**, A. J. Shaw & C.J. Cox. 2003. Phylogenetic inferences in the Orthotrichoideae based on multigenomic characters. Program of the international symposium "Molecular systematics of Bryophytes: Progress, problems and perspectives", Missouri Botanical garden, St. Louis (unpaginated abstract).
19. **Goffinet, B.**, T. Tønsberg, & T. Goward. 2003. Phylogenetic affinities of North American populations of *Dendriocaulon* based on inferences from variation in the ITS nrDNA sequences. Program of annual meeting of the Botanical Society of America and the American Bryological and Lichenological Society; Mobile AL, July 2003; p. 18.
18. **Goffinet, B.**, W.R. Buck, C.J. Cox, A.J. Shaw, & N. Wickett. 2003. Circumscription and affinities of the Sematophyllaceae (Bryophyta, Hypnales) based on multigenomic phylogenetic inferences. Program of annual meeting of the Botanical Society of America and the American Bryological and Lichenological Society; Mobile AL, July 2003, p. 18.
17. Cox C.J., **B. Goffinet,** & A.J. Shaw. 2002. Evolutionary diversification of the mosses: phylogenetic evidence from multiple genes and genomic compartments. Program of Annual Meeting of the American Bryological and Lichenological Society in Storrs, p. 15.

16. Buck W.R., C.J. Cox, S. Boles, A.J. Shaw, & **B. Goffinet**. 2002. Molecular Phylogeny of the Hookeriales s.lat. Program of Annual Meeting of the American Bryological and Lichenological Society in Storrs, p. 14.
15. Shaw, A.J., C.J. Cox, **B. Goffinet**, and W.R. Buck. 2002. Patterns of Diversification in Pleurocarpous Mosses. Program of Annual Meeting of the American Bryological and Lichenological Society in Storrs, p. 37.
14. **Goffinet, B.**, A.J. Shaw, and S. Boles. 2001. Multigene phylogenetic reconstruction of the family Orthotrichaceae (Bryophyta). Botany 2001: Plants and People. Abstract p. 8. Botanical Society of America, Albuquerque, NM.
13. Hax, N. and **B. Goffinet**. 2001. Systematic inferences in *Bryoxiphium* based on morphological and molecular characters. Botany 2001: Plants and People. Abstract p. 8. Botanical Society of America, Albuquerque, NM.
12. **Goffinet, B.** and A. J. Shaw. 2000. Phylogenetic inferences in the Orthotrichoideae based on trnL-F and rps4 (cpDNA) sequence data. American Journal of Botany 86 (Supl.): 8.
11. **Goffinet, B.** and A. J. Shaw. 2000. Dung and carcasses, the ultimate habitat within the dung-moss family (Splachnaceae)? Answers from a phylogenetic study based on cp DNA sequence data. American Journal of Botany 86 (Supl.): 130-131.
10. De Luna, E., W. Buck, A. Newton, S. Maeda, L. Hedenäs, Akiyama, H. Arikawa, T., Tsubota, H. C. Cox, R. Tangney, **B. Goffinet**, K. Kosuge, D. González, A.J. Shaw, and M. Higuchi. 1999. Phylogeny of pleurocarous diplolepideae based on morphological and molecular data. XVI International Botanical Congress—Abstracts; pp. 38. St. Louis.
9. Cox, C., **B. Goffinet**, A. Newton, A.J. Shaw, and T.A.J. Hedderson. 1999. Phylogenetic relationships among the diplolepideous mosses (Bryidae) inferred from nuclear and chloroplast DNA sequences. XVI International Botanical Congress—Abstracts; pp. 38. St. Louis.
8. **Goffinet B.**, and C. Cox.B.M. 1999. Phylogenetic relationships among basal arthroodontous mosses (Bryopsida) with special emphasis on the evolution of peristome types. XVI International Botanical Congress—Abstracts; pp. 37. St. Louis.
7. Hedderson, T.A. C. Cox, J. Duckett, **B. Goffinet**, B.M. Mishler, and D.H. Vitt. 1999. Evolution of major moss lineages. XVI International Botanical Congress—Abstracts; pp. 37. St. Louis.
6. **Goffinet, B.** and A.J. Shaw. 1998. Phylogeny of the Splachnaceae, inferred from trnL and rps4 sequences (cpDNA), with special emphasis on the evolution of entomophily. *Inoculum* 49: 58.
5. **Goffinet B.**, T.A. Hedderson, J.A. Shaw, and D.H. Vitt. 1997. The phylogenetic relationships among diplolepideous mosses, with special emphasis on the affinities of the Orthotrichales. *American Journal of Botany (Supplement)* 84: 17.
4. Hedderson T.A., C.J. Cox, **B. Goffinet**, and R.J. Chapman. 1997. Phylogenetic relationships among the main moss lineages inferred from 18S rRNA gene sequences. *American Journal of Botany (Supplement)* 84: 4.
3. **Goffinet B.** 1997. Circumscription and phylogeny of the Orthotrichales (Bryopsida) based on morphological and rbcL sequence data analysis. *American Journal of Botany (Supplement)* 84: 4.
2. Waters D., **B. Goffinet**, D.H. Vitt, and R. Chapman. 1996. The systematic affinities of the Calomniaceae (Bryopsida) based on 18S nrDNA nucleotide sequences. *American Journal of Botany (Supplement)* 83: 27.
1. **Goffinet B.** 1995. Phylogenetic reconstruction of the Orthotrichaceae (Bryopsida) based on rbcL sequences. *American Journal of Botany (Supplement)* 82: 132.

OUTREACH

2018	Eagle Hill Institute, Maine: "Mosses: the Orthotrichaceae of Maine". August 26–September 1, 2018.
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 Patagonia. 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.

COLLABORATORS

Dr. William Buck	New York Botanical Garden
Dr. Cymon J. Cox	Universidade do Algarve, Faro, Portugal
Trevor Goward	University of British Columbia, Canada
Dr. Yang Liu	Fairy Lake Botanical garden, China
Dr. Robert Lücking	Botanic Garden and Museum, Berlin, Germany
Dr. Thorsten Lumbsch	Field Museum, Chicago
Dr. Matthew Johnson	Texas Technical University, Lubbock
Dr. Jolanta Miadlikowska	Duke University
Dr. Dietmar Quandt	University of Bonn, Germany
Dr. Emmanuël Sérusiaux	University of Liège, Belgium
Dr. A. Jonathan Shaw	Duke University
Dr. Tor Tønsberg	University of Bergen. Norway
Dr. Alain Vanderpoorten	University of Liège, Belgium
Dr. Norman Wickett	Chicago Botanical Garden
Dr. Li Song Wang	Kunming Institute of Botany, China
Dr. Richard Zander	Missouri Botanical Garden

VISITING SCIENTISTS

2015	Dr. Isabel Draper (University of Madrid, Spain): Moss phylogenetics
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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

2019–	Dr. Nikisha Patel: Diversity of <i>Physcomitrium pyriforme</i> in North America and Europe: significance of autopolyploidy within a phylogenomic and experimental framework
2015	Dr. Lily Lewis: Lichen symbiosis (now postdoc at University of Florida)
2012–2016	Dr. Rafael Medina: Funariaceae systematics and phylogenomics (now tenure track assistant professor at Augustana College, IL)
2011–2012	Dr. Jessica Budke: Sporophyte development in Funariaceae (now tenure track assistant professor at the University of Tennessee)
2009–2016	Dr. Yang Liu: Phylogeny of the Funariaceae and Pleurocarp Tree of Life (now Shenzhen Botanical Garden, China)
2009–2011	Dr. Laura Forrest: liverwort chloroplast genomics (now Edinburgh Botanical Garden)
2007–2008	Dr. Norman Wickett: liverwort chloroplast genomics (now Chicago Botanical Garden and Northwestern University).

GRADUATE STUDENTS SUPERVISED

Current:

2019	Zachary Muscavitch (Ph.D.)
2012	Nasim Rahmatpour (Ph.D., ploidy effect on transcriptomes in mosses)

Past:

2018	Charles Delavoi. M.Sc. (non-thesis).
2015	Lily Lewis. Ph.D. Resolving bipolar phylogeographic histories in the common dung moss <i>Tetraplodon</i> (Bryopsida: Splachnaceae). Earned “Greg and Mona Anderson Ecology and Evolutionary Biology best Ph.D. dissertation award” in 2015. Currently postdoc at University of Florida with Dr. S. McDaniel
	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 <i>Funaria hygrometrica</i> Hedw. Currently tenure track assistant professor, University of Tennessee.
2011	Juan Carlos Villarreal. Ph.D. Origin and evolution of the hornwort <i>Nothoceros aenigmaticus</i> . Currently tenure track assistant professor at University of Laval, Canada.
2007	Norm Wickett. Ph.D. Chloroplast evolution in the non-photosynthetic liverwort <i>Cryptothallus mirabilis</i> . Currently faculty at Chicago Botanical Garden and Northwestern University.
2006	Jessica Budke. M.Sc. Peristome development and phylogenetic relationships of the moss <i>Timmia megapolitana</i> Hedw.

2006 stayed and completed Ph.D. (2011)
Neva Hax. M.Sc. Monograph of *Bryoxiphium* (Bryophyta).
Then obtained a Master in Special Education at Boston College.

GRADUATE STUDENT'S DISSERTATION COMMITTEE (EXTRAMURAL)

Present	Antoine Simon. Ph.D.	University of Liège, Belgium
2014	Nicolas Magain. Ph.D.	University of Liège, Belgium

GRADUATE STUDENTS 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	Djema Berkaoui. M.Sc. (co-advisor; primary advisor: Prof. Dr. Dietmar Quandt). Phylogenie und Evolution der Pottioideae. University of Bonn, Germany.

GRADUATE STUDENT'S DISSERTATION DEFENSE EXTERNAL EXAMINER

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

HONORS STUDENT SUPERVISED

2017	Dinah Parker. When your partner shapes your look: DNA analysis of symbionts in <i>Ricasolia quercizans</i> and <i>Dendriscoaulon intricatulum</i> .
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POSTGRADUATE RESEARCHERS

Zuleyha Ozen: assembling NGS reads from total genomic lichen extracts	2014–2015
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VISITING GRADUATE STUDENTS

Beatriz Vigalondo (Autonomous University Madrid)	2015
Marta Alonso García (University of Murcia)	2015

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

UNDERGRADUATE RESEARCHERS

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
Jessica Clopton: photobiont specificity in Lobariaceae, lichens.	2008–2009
Drew Christie: extraction and amplification of DNA; phylogenetic inferences in liverworts and mosses.	2011
Pavitri Dwivedi: morphometrics and cytology of mosses.	2011–2012
Hannah Gousse: diaspores embedded in feathers of migratory birds.	2013
Haley Herring-Sylvestre: interphyletic hybridization and sporophytic fitness in <i>Physcomitrium</i>	2015
Haley Herring-Sylvestre: Gigas effect in the gametophyte and sporophyte of artificial F1 polyploids of <i>Physcomitrium pyriforme</i>	2016
Cassandra Huizengua: phylogenetic significance of the loss of the <i>cysA</i> gene from the chloroplast genome in liverworts.	2007–2008
Laura Jones: bryophyte axenic cultures	2016
Satpal Jutla: extraction and sequencing of bryophyte DNA	2014-2015
Christopher LaBreck: extraction and amplification of DNA from liverworts.	2010
Deborah Lee: effect of ploidy on morphological traits (i.e. Gigas effect) in mosses.	2012–2014
Nicholas Moskwa: extraction and amplification of DNA; phylogenetic inferences in mosses	2012–2013
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
Dinah Parker: extraction and sequencing of lichen-forming fungi DNA, lichen photomorph diversity in North America (the genus <i>Ricasolia</i>)	2014-2015
Lauren Parry: phylogenetic significance of the loss of the <i>cysT</i> gene from the chloroplast genome in liverworts.	2008
Emily Qian: diaspores embedded in feathers of migratory birds.	2012–2013
Melissa Wynne: moss development; regenerative ability of the moss calyptrae.	2011–2012

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)
Bryologisch-lichenologische Arbeitsgemeinschaft für Mitteleuropa e.V. (2007–present)
Dutch Bryological Society (2003–present)
International Association of Bryologists (1990–present)
International Association of Plant Taxonomists (2005–present)
Society for Systematic Biology (2006–present)
Société Québécoise de Bryologie (2017–present)

FIELD EXPERIENCE

I have collected 14,000 samples on field excursions in the following countries: Belgium, Canada (Alberta, British Columbia), Chile (Several regions but mostly Cape Horn Archipelago), China (Yunnan, Taiwan), Dominica, Gabon (participant in Opération Canopée), Germany, Guadeloupe, Madagascar, Mexico, Panama, Puerto Rico, South Africa, United States of America (Alaska, Arizona, California, Colorado, Connecticut, Georgia, Louisiana, Maine, New Mexico, New York, North Carolina, Oregon, Washington, West Virginia).

REFERENCES

- Dr. Dale H. Vitt: Department of Plant Biology, Southern Illinois University, Carbondale IL, 62901-6509, Ph.: 618-453-3210, Fax: 618-453-3441, e-mail: dvitt@plant.siu.edu (graduate advisor)
- Dr. A. Jonathan Shaw: Botany Department, P.O. Box 90338, Durham NC, 27708 USA, Ph: 919 660 7344, Fax: 919 684 5412, e-mail: shaw@duke.edu (postdoc advisor and collaborator)
- Dr. Emmanuël Sérusiaux: Département de Botanique, Université de Liège, B-4000 Liège, Belgium, Ph: -32-4-3663869, e-mail: E.Serussiaux@ulg.ac.be (undergraduate advisor and on-going collaborator)
- Dr. Gregory Anderson: Department of Ecology and Evolutionary Biology, 75 North Eagleville road, University of Connecticut, Storrs CT, 06268 USA, Ph: 1-860-486-4555, e-mail: gregory.anderson@uconn.edu (former department head, now emeritus)
- Dr. Cynthia S. Jones: Department of Ecology and Evolutionary Biology, 75 North Eagleville road, University of Connecticut, Storrs CT, 06268 USA, Ph: 1-860-486-4150, e-mail: cynthia.s.jones@uconn.edu
- Dr. Janine Caira: Department of Ecology and Evolutionary Biology, 75 North Eagleville road, University of Connecticut, Storrs CT, 06268 USA, Ph: 1-860-486-4150, e-mail: janine.caira@uconn.edu