

CURRICULUM VITAE

BERNARD GOFFINET

REVISED MARCH 15, 2009.

FIELD OF SPECIALIZATION

Systematics and Taxonomy of Bryophytes and Lichens.

PRESENT POSITION

Associate Professor in Department of Ecology and Evolutionary Biology, 75 North Eagleville Road, U-43, University of Connecticut, Storrs CT, 06269-3043

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E-mail: bernard.goffinet@uconn.edu

LANGUAGES

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

EDUCATIONAL BACKGROUND

1989: "Licence en Sciences Biologiques" at the University of Liège, Belgium.

1997: Ph.D. University of Alberta, Edmonton, Canada.

PROFESSIONAL BACKGROUND

2004-present University of Connecticut: Associate Professor

1999-2004 University of Connecticut: Assistant Professor

1997-1999 Duke University: Research Associate

AWARDS

2004 Honorable mention for the Sullivant award (American Bryological and Lichenological Society)

2000 Honorable mention for the Sullivant award (American Bryological and Lichenological Society)

1999 Stanley Greene Award (International Association of Bryologists) (research award \$2,000)

1996 Marie Louise Imrie Graduate Student Award (University of Alberta)

1995 A.J. Sharp Award (American Bryological and Lichenological Society; best student paper award)

RESEARCH GRANT SUPPORT

2008-2009 REU-supplement to ATOL grant US\$7,000

2007-2008 REU-supplement to ATOL grant US\$6,500

2007 University of Connecticut US\$935
(support for data gathering for NSF grant proposal)

2006-2010 National Science Foundation US\$573,075

ATOL, Collaborative : Assembling the liverwort tree of life : window into the evolution of early land plants. (Six institutions, total of \$2,839,578)

2005 University of Connecticut (Large grant competition) US\$14,625

	Providing a phylogenetic and ontogenetic framework for functional genomics studies in the model species <i>Physcomitrella patens</i> .	
2004-2006	National Science Foundation Dissertation Research: Chloroplast evolution of the nonphotosynthetic liverwort <i>Cryptothallus mirabilis</i> (Aneuraceae); Thesis of Norman Wickett.	US\$11,549
2002	University of Connecticut (support for ABL2003 organization in Storrs)	US\$2,100
2001-2004	National Science Foundation Collaborative: Phylogenetic and geographic patterns in moss diversity (collaborative grant with Duke, 2 awards for a total of \$600,000)	US\$264,564
2000	University of Connecticut (co-PI on Equipment grant for capillary sequencer)	US\$55,000
1998-2001	National Science Foundation Morphological and molecular investigations in the Orthotrichae (Orthotrichaceae, Bryopsida) (PI: Dr. A.J. Shaw-DUKE; N.B.: I was responsible for the project; Duke does not allow a post-doc to be a PI)	US\$190,000
1995	Alberta Natural Heritage	C\$ 2,475
1996	Alberta Natural Heritage	C\$ 2,475
1992-1994	National Geographic Society (Official PI: D.H. Vitt, National Geographic does not allow graduate students to be PI on grants)	C\$ 17,000

FELLOWSHIPS

1994/1996	Graduate Research Assistantship (University of Alberta)
1993/1994	University of Alberta Dissertation Fellowship
1992/1993	Teaching Assistantship (University of Alberta)
1991/1992	Teaching Assistantship (University of Alberta)
1990/1991	Graduate Research Assistantship (University of Alberta)
1990	Foundation Alice Seghers (University of Liège)

TEACHING

Courses developed and taught at the University of Connecticut:

- Introduction to Botany (Bio 110; includes a laboratory)
- Biology of Bryophytes and Lichens (EEB240/340; includes a laboratory)
- Evolution of Green Plants (EEB 280/380)
- Seminars: Molecular Evolution and Adaptive Radiation (fall 2002)

Invited lecturer (lecture of selected topics)

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

2003: Field course on Cryptogams of Southern Patagonia (developed the lectures)

PROFESSIONAL SERVICES

EDITORIAL BOARDS

Cryptogamie-Bryologie (Paris, France): Associate-editor (1999-present)
Anales de Biología (University of Murcia, Spain): editorial board (2001-present)

CONFERENCES

2004: Member of Academic committee for the International Association of Bryologists meeting in Meridad, Venezuela (January 2004); symposium on Molecular Evolution in Bryophytes.

- 2003: Co-organizer (with Dr. R. Magill) 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) of symposium entitled “Evolutionary Biology of the Bryopsida (Mosses)”: A synthesis” at the XVI International Botanical Congress in St. Louis, Missouri.

ELECTED POSITIONS

2003-2005 ABLS member-at-large

SERVICES TO PROFESSIONAL SOCIETIES

Adjudication committee (chair): IAB Stanley Greene Award (2007)
Adjudication committee (chair): IAB student travel award (2007)
Adjudication committee: A.J. Sharp award for best student presentation (ABLS 2000)
Adjudication committee: Hedwig Medal award for life time contributions to Bryology (2000; 2005; IAB)

PEER REVIEWS

American Journal of Botany, Annales Botanici Fennici, Annals of the Missouri Botanical Garden, Antarctic Science, Australian Systematic Botany, Bryologist, Canadian Journal of Botany, Critical Review in Plant Sciences, Cryptogamie—Bryologie, Edinburgh Journal of Botany, Fieldiana, Flora North America (Bryophytes), Heredity, International Journal of Plant Sciences, Journal of Bryology, Journal of Molecular Biology, Journal of Molecular Evolution, Lichenologist, Molecular Phylogenetics and Evolution, Mycologia, New Phytologist, New Zealand Journal of Botany, Science, Systematic Botany, Systematic Biology, Taxon, Trends in Plant Science, Vegetatio.

GRANT PROPOSAL REVIEW

- Austrian Science Foundation
- National Foundation for Scientific Research (Belgium)
- National Geographic Society
- National Science Foundation (USA)
- University of Connecticut Research Foundation.

UNIVERSITY SERVICE

DEPARTMENTAL

Director of Biological Research Collections (2006-)
Committees: Collections (2002-present), herbarium (1999-), poster (1999-2000), seminar (1999-present), summer awards (2005, 2006), course and curriculum (2005-present), graduate student admission committee (2006-present).
Other: bookkeeper for Automated Sequencer (billing; 2001-present).
Co-organizer of annual welcoming event for incoming graduate students (2001, 2002, 2004, 2005)
Search committee: Herbarium manager (2004; 2006)

UNIVERSITY COMMITTEES

Search committee for International advisor (Winter 2002-2003)
Office of Sponsored Programs Advisory Committee

PUBLICATIONS (82 [6 books, 75 chapters and peer-reviewed publications])

THESIS

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

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.

BOOKS

6. Vanderpoorten, A. & B. **Goffinet**. 2009. Introduction to *Bryophyte Biology*. Cambridge University Press. (Publication date: May 2009)
5. **Goffinet, B.** and A.J. Shaw (eds.). 2009. *Bryophyte Biology* (2nd edition). 565p. Cambridge University Press.
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*. Cambridge University Press. 476 pp.
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)

16. **Goffinet, B.**, W.R. Buck & A.J. Shaw. 2009. Morphology and classification of the Bryophyta. *In: Bryophyte Biology, 2nd edition* (Goffinet, B. & Shaw, A.J., eds.), p. 55-138. Cambridge University Press.
15. **Goffinet B.** *Rhachithecium* Le Jolis. 2007. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. New York and Oxford. 27: 468-469.
14. **Goffinet B.** 2007. *Pyramidula* Bridel. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. New York and Oxford. 27: 199.
13. **Goffinet B.** 2007. *Physcomitrella* Bruch & Schimper. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. New York and Oxford. 27: 194-195.
12. **Goffinet B.** 2007 *Aphanorrbegma* Sull. In: Flora of North America Editorial Committee, eds. 1993+. Flora of North America North of Mexico. New York and Oxford. 27: 181-182
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. In: Plant Genome: Biodiversity & Evolution. Volume 2B: Lower plants, p. 385-407 (A.K. Sharma & A. Sharma, eds.). Science Publishers, Enfield NH.
10. **Goffinet B.** 2006. Splachnobryaceae. *In* Flora of Australia Volume 51: Mosses 1, (P. McCarthy, ed.), p. 159-162. Australian Biological Resources Study and CSIRO Publishing

9. **Goffinet B.** 2006. Splachnaceae. *In* Flora of Australia Volume 51: Mosses 1, (P. McCarthy, ed.), p. 173-181. 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. *Monographs in Systematic Botany from the Missouri Botanical Garden* 98: 270-289.
7. **Goffinet B.**, & W.R. Buck. 2004. Systematics of Bryophyta: from molecules to a revised classification. *Monographs in Systematic Botany from the Missouri Botanical Garden* 98: 205-239.
6. Sérusiaux E. & **B. Goffinet**. 2000. Lichens et Bryophytes sur le site de la Makandé. *In*: 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, (Hallé F., ed.), p. 68-69. Pro Natura International.
5. **Goffinet B.** 2000. Origin and phylogenetic relationships of the Bryophyta. *In*: *Bryophyte Biology* (Shaw, A.J. and Goffinet, B., eds.), p. 124-149. Cambridge University Press.
4. Buck W.R. & **B. Goffinet**. 2000. Morphology and classification of mosses. *In*: *Bryophyte Biology* (Shaw, A.J. and Goffinet, B., eds.), p. 71-123. 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. *In* *Lichenographia Thomsoniana: North American Lichenology in Honor of John W. Thomson* (Glenn, M.G., Harris, R.C., and Cole, M.S., eds.), p. 41-52. 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. *In*: *Bryology for the Twenty-First Century. Proceedings of the Centenary Symposium of the British Bryological Society* (Bates, J.W., Ashton, N.W., and Duckett, J.G., eds.), p. 143-159. 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. *In*: *Bryology for the Twenty-First Century. Proceedings of the Centenary Symposium of the British Bryological Society* (Bates, J.W., Ashton, N.W., and Duckett, J.G., eds.), p. 113-123. Leeds: Maney and The British Bryological Society.

REFEREED PUBLICATIONS

63. Buck W.R., **B. Goffinet**, C.J. Cox, A.J. Shaw, & N. Wickett. Multigenome based phylogenetic inferences in the Sematophyllaceae: implications on the familial and generic circumscriptions. (in prep.)
62. Jofre J., F. Massardo, R. Rozzi, **B. Goffinet**, P. Marino, Navarro, Pereira. Fenología del musgo *Tayloria dubyi* en las turberas de la Reserva de Biosfera Cabo de Hornos: un caso de entomofilia? *Revista Chilena de Historia Natural* (in preparation).
61. Sérusiaux E., **B. Goffinet**, J. Miadlikowska & O. Vitikainen. The lichen-forming fungal genus *Peltigera* in Papua New Guinea: inferences from morphology and DNA sequences (62 p ms + 8 figures and 2 tables). *Fungal Diversity* Accepted Feb. 16, 2009; final version submitted March 12, 2009.

60. **Goffinet, B.**, W. R. Buck and A. J. Shaw. Addenda to the classification of mosses. I. Andraeophytina and Andraeobryophytina stat. nov. *The Bryologist* (submitted October 2008).
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.
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 biodiversity conservation lenses: Insights from the Subantarctic non-vascular flora of southern South America. *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. The plastid genome sequence of *Aneura mirabilis* (Aneuraceae), a non-photosynthetic liverwort. *Molecular Biology and Evolution* 25: 393-401.
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 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. *Nova Hedwigia, Beiheft* 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.
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 recircumscription 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. *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 Vittiaceae (Hypnales, Bryopsida): Evidence from phylogenetic analyses of combined chloroplast and nuclear sequence data. *Plant Systematic 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 diplolepidous-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, and 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.
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 *Kleioveisiopsis*, *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
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**, and 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 (1): 91-111.
7. **Goffinet B.** & R. Hastings. 1995. Two new sorediate taxa of *Peltigera* (Lichenized Ascomycetes). *The Lichenologist* 27 (1): 43-58.
6. **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 (2) 184-206.
5. **Goffinet B.** 1994. Floristic notes on the lichen and lichenicolous fungi flora of Alberta, Canada. *Mycotaxon* 51: 1-4.
4. **Goffinet B.** & R. Hastings. 1994. The lichen genus *Peltigera* (L.) Willd. in Alberta. *Provincial Museum of Alberta Natural History Occasional Paper No. 21*: i-vi + 1-54.
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 (2): 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. Goward T. and **B. Goffinet.** 2007. Mountain half-moon lichen — *Sticta oroborealis*. Status report for the committee on the status of endangered wildlife in Canada. 19 p. ms.
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 idaboensis* 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 retiforeata*. *Evansia* 9:49-51.

PUBLICATIONS IN PREPARATION

- Goffinet B.**, A.J. Shaw. Extensive paraphyly of *Orthotrichum* (Bryophyta: Orthotrichaceae) and the implication on the evolution of immersed stomata.
- Goffinet B.**, T. Tønsberg, & T. Goward. ITS-haplotype diversity within *Dendriscoaulon* (lichenized Ascomycota) in North America: 5 lineages in three genera.

BOOK REVIEWS

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 Vermalicia (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.

PUBLISHED ABSTRACTS

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 *psA* gene from the chloroplast genome of liverworts (Marchantiophyta). Annual Meeting of Botanical Society of America. Chicago. July 2007. Abstract Scientific Meeting, Chicago, p. ____
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. Abstract Scientific Meeting, Chicago, p. ____
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. Wickett, 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 *Dendriscoecanlon* 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 diplolepeidae 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 diplolepeid mosses (Bryidae) inferred from nuclear and chloroplast DNA sequences. XVI International Botanical Congress—Abstracts; pp. 38. St. Louis.
 8. **Goffinet B.**, and C. Cox. 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 diplolepeid 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.

INVITED SEMINARS

- 2007 Museum d'Histoire Naturelle de Paris (France)
- 2003 Central Connecticut State University
- 2000 Conservatoire et Jardins Botaniques (Geneva, Switzerland)
Harvard (Department of Botany)
- 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)

OUTREACH

- 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.

CONFERENCES

ABLS: American Bryological and Lichenological Society

BSA: Botanical Society of America

† invited speaker

- 2009 Encyclopedia of Life: synthesis meeting on Early Land Plants, May 26-29, 2009; Chicago, IL.
 2008 Ecological Society of America
 ABLS, Asilomar CA
 BSA, Vancouver
 2007 † Brazilian Botanical Society, Sao Paulo, Nov. 2, 2007.
 BSA, Chicago
 Society of Ecology (Chile, Argentina) 2 posters
 2006 † Assembling the tree of life and Biotic Survey and inventories. NSF sponsored meeting at Duke University, March 10-12, 2006.
 ABLS/BSA, Chico, California
 2005 † Origin and Early Evolution of Land Plants: Current Perspectives. XVII International Botanical Congress, Vienna
 † Molecular systematics of Bryophytes. XVII International Botanical Congress, Vienna
 ABLS, Austin TX
 2004 ABLS, Snowbird, Utah.
 † Evolution of Pleurocarpous Mosses (Systematics Association) National Museum and Gallery, Cardiff, Wales, 6-8 September 2004
 † Molecular Systematics of Bryophytes: University of Göttingen (Germany) 10-12 September, 2004
 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, Sept. 2003.
 ABLS, Mobile, AL
 2002 ABLS, Storrs, CT
 2001 ABLS, Albuquerque, NM.
 2000 ABLS & BSA, Portland, OR.
 † Ecología y conservación de los Bosques del archipiélago Magallánico (ECOBAMG) University of Magallanes (Punta Arenas, Chile)
 1999 † *Evolutionary Biology of the Bryopsida* symposium at the XVI International Botanical Congress, St. Louis, MO.
 1998 ABLS, Puerto Rico
 1997 † Green Plant Phylogeny Research Coordination Group, Montréal, Canada.
 ABLS, Montréal, Canada
 1996 † British Bryological Society (BBS): Centenary Symposium on Bryology for the Second Century, Glasgow, UK.
 ABLS, Seattle, WA.
 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.
 ABLS, Jasper, AB.

COLLABORATORS

Dr. William Buck (New York Botanical Garden)
 Dr. C.J. Cox (Natural History Museum, London)
 Trevor Goward (University of British Columbia, Canada)
 Dr. Jolanta Miadlikowska (Duke University, Research Associate)
 Dr. Dietmar Quandt (Technical University of Dresden, Germany)
 Dr. Emmanuël Sérusiaux (University of Liège, Belgium)
 Dr. A.J. Shaw (Duke University)
 Dr. Tor Tønsberg (University of Bergen, Norway)
 Dr. Alain Vanderpoorten (University of Liège, Belgium)
 Dr. Richard Zander (Buffalo Museum of Natural Sciences)

VISITING SCIENTISTS

Dr. D. Quandt (University of Dresden, Germany)	2004	Bryophyte phylogeny
Dr. A. Vanderpoorten (University of Liège, Belgium)	2004	Bryophyte phylogeography/phylogeny
Dr. E. Sérusiaux (University of Liège, Belgium)	2007	Lichen systematics

RESEARCH ASSOCIATES

Dr Norman Wickett: liverwort chloroplast genomics 2007-

GRADUATE STUDENTS SUPERVISED

Current:

Jessica Budke (Ph.D., Moss ontogeny, January 2006 -)

Juan Carlos Villarreal (Ph.D., Hornwort phylogeny, January 2006-)

Past:

Norm Wickett. Ph.D. 2007. Chloroplast Evolution in the non-photosynthetic liverwort *Cryptothallus mirabilis*

Jessica Budke. M.Sc. 2006. Peristome Development and Phylogenetic Relationships of the moss *Timmia megapolitana* Hedw.

Neva Hax. M.Sc.. 2006. Monograph of *Bryoxiphium* (Bryophyta).

UNDERGRADUATE INTERNS

Jessica Clopton: photobiont specificity in Lobariaceae, lichens; now in M.Sc. program at San Diego.

Cassandra Huizengua: phylogenetic significance of the loss of the *cytA* gene from the chloroplast genome in liverworts.

Christopher LaBreck: extraction and amplification of DNA from liverworts.

Lauren Parry: phylogenetic significance of the loss of the *cytT* gene from the chloroplast genome in liverworts.

CONSULTANT SERVICES

Connecticut Police
 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

PROFESSIONAL ORGANIZATIONS

American Bryological and Lichenological Society (1991-1996; 2000-)
Botanical Society of America (1992-1999; 2004-)
British Bryological Society (1991-1996; 2000-)
British Lichenological Society (1991-1996)
Belgian Royal Botanical Society (1994-1996)
Dutch Bryological Society (2003-)
International Association of Bryologists (since 1990)
International Association of Plant Taxonomists (2005-)
Society for Systematic Biology (2006-)

FIELD EXPERIENCE

I have collected nearly 10,000 samples on field excursions in the following countries: Belgium, Canada (Alberta, British Columbia), Chile, Dominica, Gabon (participant in Opération Canopée), Germany, Guadeloupe, Mexico, Panama, Puerto Rico, United States of America (Alaska, Arizona, California, Colorado, Connecticut, Georgia, Louisiana, New Mexico, New York, North Carolina, Oregon, Washington)

REFERENCES.

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