

CURRICULUM VITAE

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RESEARCH INTERESTS

Biodiversity, phylogeny, taxonomy, molecular systematics and biogeography of marine macroalgae worldwide, especially red algae

EDUCATION

'Kandidaat' in the Sciences (Biology), 1978. State University of Gent, Belgium

'Licenciaat' in the Sciences (Zoology), 1980 (with Honors). State Univ. Gent

M.S. in Biology, Department of Biology, George Mason University, 1984 (1982-1984)

Ph.D. in Botany, Department of Biology, University of North Carolina at Chapel Hill, 1988 (1984-1988)

PROFESSIONAL EXPERIENCE

Fall 2007-present. Professor, University of Louisiana at Lafayette, Dept. of Biology

2002-present. Freeport-McMoRan/Board of Regents Support Fund Professorship for Coastal Biodiversity Research, UL Lafayette

Spring 2007-present. Research Associate, Museum of Natural History, Smithsonian Institution, Washington D.C.

2010. UL Lafayette Distinguished Professor

Fall 2001-summer 2007. Associate Professor, UL Lafayette, Dept. of Biology

Fall 1996-summer 2001. Assistant Professor, UL Lafayette, Dept. of Biology

Fall 1996-present. UL Lafayette Herbarium staff member (LAF)

1994-96. Joint Postdoctoral appointment in Dept. of Botany and Molecular Systematics Laboratory, Smithsonian Institution (1994-1996): *Testing red algal classification: phylogenetic systematics of the Gigartinales, with special emphasis on the nemathecial families based on rbcL sequence analysis and comparative developmental morphology*

1993-94. A.W. Mellon Foundation Postdoctoral Fellow in Plant Systematics, Dept. of Botany, Duke University (1993-1994): *Systematics of the Phylloporaceae (Gigartinales, Rhodophyta), based on developmental morphology and rbcL sequence analysis*

1990-93. Research Associate, Dept. of Biology, University of North Carolina at Chapel Hill (1990-1993): *Systematics of the marine red algal family Gigartineaceae (Rhodophyta)* (NSF grant awarded to Dr. Max Hommersand)

1989-1990. Grantee, Collaborative NSF/SI contract #DPP774-13988, Sorting of collections from polar regions: *Systematics of selected marine red algae from Antarctica and subantarctic Argentina and Chile* (1989-1990).

1990. Contractor, Dept. of Botany, NMNH, Smithsonian Institution: Curatorial assistance and computer inventory of marine macroalgae from Guadeloupe (June-July)

1988-89. Postdoctoral Fellow, Department of Botany, NMNH, Smithsonian Institution (1988-1989): *Gracilariaceae (Rhodophyta) from the tropical and subtropical western Atlantic*

1987. Contractor, Dept. of Botany, NMNH, Smithsonian Inst: Curatorial assistance and computer inventory of marine macroalgae from Aldabra Atoll and Seychelles (Sept.-Oct.)
1987. Curatorial Assistant on marine macroalgae, Dept. of Biology, UNC-CH (Spring)
1986. - Contractor, Dept. of Botany, NMNH, Smithsonian Inst.: Curatorial assistance and computer inventory of marine macroalgae from the Galapagos Islands and Caribbean Sea (Summer)
- Contractor, Dept. of Botany, NMNH, Smithsonian Inst.: Curatorial assistance on marine macroalgae from the Lesser Antilles, Caribbean Sea (Fall)
1985. - Curatorial Assistant on marine macro-algae, Dept. of Biology, University of North Carolina at Chapel Hill (Spring)
- Contractor, Dept. of Botany, Smithsonian Inst.: Curatorial assistance and computer inventory of marine macroalgae from the Gulf of California (Summer)
- 1981-84. Research and Curatorial volunteer assistance on marine macroalgae, Dept. of Botany, and the Algal Collection of the US National Herbarium, Smithsonian Institution (Apr. '81-June '84).

REFEREED PUBLICATIONS AND BOOK CHAPTERS

- Vieira C., O. Camacho, Z. Sun, S. Fredericq, F. Leliaert, C. Payri & O. De Clerck. Global biogeography and diversification of the tropico-temperate brown algal genus *Lobophora* (Dictyotales, Phaeophyceae). *Molecular Phylogenetics and Evolution* (submitted).
- Collin R., S. Fredericq, D.W. Freshwater, Edward Gilbert, Maycol Madrid, S. Maslakova, M.P. Miglietta, R. M. Rocha, E. Rodríguez & R.W. Thacker. 2016. TaxaGloss – A glossary and translation tool for biodiversity studies. *Biodiversity Data Journal*, http://arpha.pensoft.net/preview.php?document_id=6046 (submitted).
- Vieira-Pinto T., J.L. Richards, M.N. Sissini, S. Fredericq, P.A. Horta & M.C. Oliveira. 2016. Diversity of the shallow water *Sporolithon* (Sporolithales, Rhodophyta) from the South Atlantic coast. *Phytotaxa* (in revision).
- Richards J.L., T. Vieira-Pinto, W.E. Schmidt, T. Sauvage, P.W. Gabrielson, M.C. Oliveira & S. Fredericq. 2016. Molecular and morphological diversity of *Lithothamnion* spp. rhodoliths (Hapalidiaceae, Hapalidiales) from deepwater rhodolith beds in the northwestern Gulf of Mexico. *Phytotaxa* 278: 81-114.
- Gabriel D., S.G.A. Draisma, T. Sauvage, W.E. Schmidt, T. Schils, P.-E. Lim, D.J. Harris & S. Fredericq. 2016. Multilocus phylogeny reveals *Gibsmithia hawaiiensis* (Dumontiaceae, Rhodophyta), to be a species complex from the Indo-Pacific, with the proposal of *G. eilatensis* sp. nov. *Phytotaxa* 277:1-20.
- Vieira C., O. Camacho, M. Wynne, L. Mattio, R. Anderson, J. Bolton, M. Sanson, S. D'hondt, F. Leliaert, S. Fredericq, C. Payri & O. De Clerk. 2016. Shedding new light on old algae: matching names and sequences in the brown algal genus *Lobophora* (Dictyotales, Phaeophyceae). *Taxon* 65: 689-707.
- Fredericq S & W.E. Schmidt. 2016. Red Algae *In*: eLS, John Wiley & Sons Ltd, Chichester, <http://www.els.net/>; doi: 10.1002/9780470015902.a0000335.pub2
- Leliaert F., A. Tronholm, C. Lemieux, M. Turmel, M.S. DePriest, S. Fredericq, F.W. Zechman & J. Lopez-Bautista. 2016. Chloroplast phylogenomic analyses reveal the deepest-branching lineage of the Chlorophyta, Palmophyllophyceae class. nov. *Scientific Reports (Nature)* 6:25367; doi:10.1038/srep25367
- Jeong S.Y., B.Y. Won, S. Fredericq & T.O. Cho. 2016. *Wynneophycus geminatus* gen. et comb. nov. (Delesseriaceae, Rhodophyta) from Korea, based on the red alga previously known as *Hypoglossum geminatum* Okamura, with morphological evidence and LSU and *rbcL* sequences analyses. *Phycologia* 55: 165-177.

- Sauvage T., W.E. Schmidt, S. Suda & S. Fredericq. 2016. A metabarcoding framework for facilitated survey of coral reef and rhodolith endolithic communities with *tufA*. *BMC Ecology*; doi:10.1111/jpy.12392-15-091
- Krayesky-Self S., J.L. Richards, M. Rahmatian & S. Fredericq. 2016. Aragonite infill in overgrown conceptacles of coralline *Lithothamnion spp.* (Hapalidiaceae, Hapalidiales, Rhodophyta): new insights in biomineralization and phylomineralogy. *Journal of Phycology* 52: 161-173.
- Yang E.C., S.M. Boo, D. Bhattacharya, G.W. Saunders, A.H. Knoll, S. Fredericq, L. Graf & H.S. Yoon. 2016. Divergence time estimates and evolution of major lineages in the florideophyte red algae. *Scientific Reports (Nature)* 6:21361, doi:10.1038/srep21361.
- Schmidt W.E., C.F.D. Gurgel & S. Fredericq. 2016. Taxonomic transfer of the red algal genus *Gloiosaccion* to *Chrysomenia* (Rhodymeniaceae, Rhodymeniales), including the description of a new species, *C. pseudoventricosa*, for the Gulf of Mexico. *Phytotaxa* 243: 54-70.
- Yang E.C., K.M. Kim, S.Y. Kim, J.M. Lee, H.H. Boo, J.-H. Lee, W.A. Nelson, G. Yi, W. Schmidt, S. Fredericq, S.M. Boo, D. Bhattacharya & H.S. Yoon. 2015. High conservation of mtDNA gene content and structure among multicellular red algae of the Florideophyceae. *Genome Biology and Evolution* 7: 2394-2406.
- Gabriel D., W.E. Schmidt, D. Krayesky, D.J. Harris & S. Fredericq. 2015. The crustose red algal genus *Peyssonnelia* (Peyssonneliales, Rhodophyta) in the Azores: from five to one species. *Arquipelago, Life and Marine Sciences* 32: 1-9.
- Arakaki N., W.E. Schmidt, P. Carbajal & S. Fredericq. 2015. First occurrence of *Gracilaria chilensis*, and distribution of *Gracilariopsis lemaneiformis* (Gracilariaceae, Gracilariales) in Peru. *Phytotaxa* 208: 175-181.
- Camacho O., L. Mattio, S. Draisma, S. Fredericq & G. Diaz-Pulido. 2015. Morphological and molecular assessment of *Sargassum* (Fucales, Phaeophyceae) from Caribbean Colombia, including the proposal of *S. giganteum* sp. nov., *Sargassum schnetteri* comb. nov., and *Sargassum* section *Cladophyllum* sect. nov. *Systematics and Biodiversity* 13: 105-130.
- Richards J.L., W. Gabrielson & S. Fredericq. 2014. New insights into the genus *Lithophyllum* (Lithophylloideae, Corallinaceae, Corallinales) from offshore the NW Gulf of Mexico. *Phytotaxa* 190: 162-175.
- Felder D.L., B.P. Thoma, W.E. Schmidt, T. Sauvage, S. Self-Krayesky, A. Chistoserdov, H. Bracken-Grissom & S. Fredericq. 2014. Seaweeds and decapod crustaceans on Gulf deep banks after the Macondo Oil Spill. *Bioscience* 64: 808-819.
- Arakaki N., M. Suzuki & S. Fredericq. 2014. *Halarachnion* (Furcellariaceae, Rhodophyta), a newly reported genus for the Gulf of Mexico, with the description of *H. louisianensis*, sp. nov. *Phycological Research* 62: 306-315.
- Sauvage T., M.J. Wynne, V.J. Paul & S. Fredericq. 2014. Morphological and molecular clarification of the enigmatic *Caulerpa floridana* W.R. Taylor (Chlorophyta, Bryopsidales) from the Dry Tortugas, Florida. *European Journal of Phycology* 49: 370-383.
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- Gabriel D., M.I. Parente & S. Fredericq. 2014. The algal diaspora. Pp. 47-49 in: Carreira, G., F. Cardigos & F.M. Porteiro (Eds). The sea of the Azores: scientific forum for decision support. Arquipelago Life and Marine Sciences. Supplement 8: 47-49.

- Norris J.N. & S. Fredericq. 2014. Gigartinaceae (Gigartinales). In: *Marine Algae of the Northern Gulf of California, II: Rhodophyta*, Norris, J.N., pp. 328–338, figs. 161–167. Smithsonian Contributions to Botany, no. 96. Washington, D.C.: Smithsonian Institution Scholarly Press.
- Norris J.N. & S. Fredericq. 2014. Phylloporaceae (Gigartinales). In: *Marine Algae of the Northern Gulf of California, II: Rhodophyta*, Norris, J.N., pp. 345–352, figs. 171–174. Smithsonian Contributions to Botany, no. 96. Washington, D.C.: Smithsonian Institution Scholarly Press.
- Mateo-Cid L.E., A.C. Mendoza-González & S. Fredericq. 2013. A checklist of subtidal seaweeds from Campeche Banks, Mexico. *Acta Botanica Venezuelica* 36: 92-108.
- Sauvage T., P. Payri, S.G.A Draisma, W.F. Prud'homme van Reine, H. Verbruggen H., A. Sherwood & S. Fredericq. 2013. Molecular diversity of the *Caulerpa racemosa*-*Caulerpa peltata* complex (Caulerpaceae, Bryopsidales) in New Caledonia, with new Australasian records for *C. racemosa* var. *cylindracea*. *Phycologia* 52: 6-13.
- Lin S.M., S. Fredericq & M.H. Hommersand. 2012. Developmental, phylogenetic and systematic studies of *Apoglossum* and *Paraglossum*, Apoglosseae, trib. nov. (Delesseriaceae, Rhodophyta). *European J. Phycology* 47: 366-383.
- Sherwood A., O. Necchi, A.L. Carlile, D.D. Laughinghouse, S. Fredericq & R. G. Sheath. 2012. Characterization of a novel freshwater gigartinalean red alga from Belize, with a description of *Sterrocladia belizeana* sp. nov. (Rhodophyta). *Phycologia* 51: 627-635.
- Krayesky D., J.N. Norris, J. West, M. Viguerie, B. Wyszor & S. Fredericq. 2012. Two new species of *Caloglossa* (Delesseriaceae, Ceramiales) from the Americas, *Caloglossa fluviatilis* sp. nov. and *Caloglossa neotropica* sp. nov. *Phycologia* 51: 513-530.
- Arakaki N., K. Alveal, M.E. Ramirez & S. Fredericq. 2011. The genus *Callophyllis* (Kallymeniaceae, Rhodophyta) from the central-south Chilean coast (33° to 41° S), with the description of two new species. *Revista Chilena de Historia Natural* 84: 481-499.
- Gabriel D., T. Schils, M.I. Parente, S.G.A. Draisma, A.I. Neto & S. Fredericq. 2011. Taxonomic studies in the Schizymeniaceae (Nemastomatales, Rhodophyta): on the identity of *Schizymenia* sp. in the Azores and the generic placement of *Nemastoma confusum*. *Phycologia* 50: 109-121.
- Krayesky D.M., J.N. Norris, J.A. West, & S. Fredericq. 2011. The *Caloglossa leprieurii* complex (Delesseriaceae, Rhodophyta) in the Americas: the elucidation of overlooked species based on molecular and morphological evidence. *Cryptogamie, Algologie* 32: 37-62.
- Won B.Y. S. Fredericq & T.O. Cho. 2010. Two new species of *Centroceras* (Ceramiaceae, Rhodophyta) from KwaZulu-Natal, South Africa. *European Journal of Phycology* 45: 240-245.
- Won B.Y., K.K. Yates, S. Fredericq & T.O. Cho. 2010. Characterization of macroalgal epiphytes on *Thalassia testudinum* and *Syringodium filiforme* seagrass in Tampa Bay, Florida. *Algae* 25:141-153.
- Hommersand M.H., R.L. Moe, C.D. Amsler & S. Fredericq. 2009. Notes on the systematics of Antarctic and subantarctic Rhodophyta with descriptions of four new genera and five new species. *Botanica Marina* 52: 509-534.
- Gabriel D., M.I. Parente, A.I. Neto, M. Raposo, T. Schils & S. Fredericq. 2009. A phylogenetic appraisal of the genus *Platoma* (Nemastomatales, Rhodophyta), including life history and morphological observations on *P. cyclocolpum* from the Azores. *Phycologia* 49: 2-21.

- Lane A., L. Mular, E.J. Drenkard, T.L. Shearer, S. Engel, S. Fredericq, C.R. Fairchild, J. Prudhomme, K. Le Roch, M.E. Hay, W. Aalbersberg & J. Kubanek. 2009. Ecological leads for natural product discovery: novel sesquiterpene hydroquinones from the red macroalga *Peyssonnelia* sp. *Tetrahedron* 66: 455-461.
- Won B.Y., T.O. Cho & S. Fredericq. 2009. Morphological and molecular characterization of species of *Centroceras* Kutzing, including two new species (Ceramiaceae, Ceramiales). *Journal of Phycology* 45: 45: 227-50.
- Fredericq S., T.O. Cho, S.A. Earle, C. F. Gurgel, D.M. Kravesky, L.E. Mateo Cid, A.C. Mendoza González, J.N. Norris & A.M. Suárez. 2009. Seaweeds of the Gulf of Mexico. In: D. L. Felder & D. K. Camp, eds. *Gulf of Mexico: Its Origins, Waters, and Biota*. I. Biodiversity, pp. 187-259. Texas A&M Univ. Press.
- Kravesky D.M., E. Meave del Castillo, E. Zamudio, J. N. Norris and S. Fredericq. 2009. Diatoms (Bacillariophyta) of the Gulf of Mexico. D. L. Felder & D. K. Camp, eds. *Gulf of Mexico: Its Origins, Waters, and Biota*. I. Biodiversity, pp. 155-185. Texas A&M Univ. Press.
- Kravesky D.M., J.N. Norris, P.W. Gabrielson, D. Gabriel & S. Fredericq. 2009. A new order of crustose red algae based on the Peyssonneliaceae with an evaluation of the ordinal classification of the Florideophyceae (Rhodophyta). *Proceedings Biological Society of Washington* 123: 364-91.
- Gabriel D., T. Schils, A.I. Neto, L. Paramio, T. Schils & S. Fredericq. 2009. *Predaea feldmannii* subsp. *azorica* (Nemastomataceae, nemastomatales), a new subspecies of red algae (Rhodophyta) from the Azores. *Cryptogamie, Algologie* 30: 251-70.
- Lin S.-M., M.H. Hommersand, S. Fredericq & O. De Clerck. 2009. Characterization of *Martensia* (Delesseriaceae, Rhodophyta) based on a morphological and molecular study of the type species, *M. elegans* Hering and *M. natalensis* sp. nov. from South Africa. *Journal of Phycology* 45: 678-91.
- Cho T.O., M.H. Hommersand, B.Y. Won & S. Fredericq. 2008. Generic boundaries and phylogeny of *Campylaephora* (Ceramiaceae, Rhodophyta), including *Campylaephora californica* (Farlow) comb. nov. *Phycologia* 47: 321-33.
- Gurgel C.F.D., S. Fredericq, J.N. Norris & Y. Yoneshigue-Valentin. 2008. Two new flat species of *Gracilaria* (Gracilariales, Rhodophyta) from Brazil: *G. abyssalis* and *G. brasiliensis*. *Phycologia* 47: 249-64.
- Cho T.O., S.M. Boo, M.H. Hommersand, C.A. Maggs, L. McIvor & S. Fredericq. 2008. *Gayliella* gen. nov. in the tribe Ceramiaceae (Ceramiaceae, Rhodophyta) based on molecular and morphological evidence. *Journal of Phycology* 44: 721-38.
- Hommersand M.H., D.W. Freshwater, J. Lopez Bautista & S. Fredericq. 2006. Proposal of the Euptiloteae Hommersand and Fredericq, Trib. Nov., and transfer of some Southern Hemisphere Ptiloteae to the Callithamnieae (Rhodophyta). *Journal of Phycology* 42: 203-25.
- N'Yeurt A.D.R., C.E. Payri, P.W. Gabrielson & S. Fredericq. 2006. *Pinnatiphycus menouana* gen et sp. nov. (Rhodophyta: Dicranemataceae) from New Caledonia and Fiji (South Pacific): vegetative and reproductive morphology and molecular phylogeny. *Phycologia* 45: 422-31.
- Fujii M.T., Guimarães S.M.P.B., C.F.D. Gurgel & S. Fredericq. 2006. Characterization and phylogenetic affinities of the red alga *Chondrophycus flagelliferus* (Rhodomelaceae, Ceramiales) from Brazil based on morphological and molecular evidence. *Phycologia* 45: 432-41.
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- Mateo-Cid L.E., Mendoza-Gonzales A.C., B. Gavio & S. Fredericq. 2005. *Grateloupia huertana* sp. nov. (Halymeniaceae, Rhodophyta): a peculiar new prostrate species from tropical Pacific Mexico. *Phycologia* 44: 4-16.
- De Clerck O., B. Gavio, S. Fredericq, I. Barbara, E. Coppejans. 2005. Systematics of *Grateloupia filicina* (Halymeniaceae, Rhodophyta), based on *rbcL* sequence analyses and morphological evidence, including the reinstatement of *G. minima* and the description of *G. capensis* sp. nov. *Journal of Phycology* 42: 391-411.
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- Lin S.M., M.H. Hommersand & S. Fredericq. 2004. Two new species of *Martensia* (Delesseriaceae, Rhodophyta) from Kenting National Park, southern Taiwan. *Phycologia* 43: 13-25.
- Gurgel C.F.D., S. Fredericq & J.N. Norris. 2004. Molecular systematics and taxonomy of flattened species of *Gracilaria* Greville (Gracilariaceae, Gracilariaceae, Rhodophyta) from the Western Atlantic, in: I.A. Abbott & K. McDermid, Eds, *Taxonomy of Economic Seaweeds IX (with reference to the Pacific and other locations)*, pp. 159-99.
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- Lin S.-M., S. Fredericq & M.H. Hommersand. 2001. Systematics of the Delesseriaceae (Ceramiaceae, Rhodophyta) based on LSU rDNA and *rbcL* sequences, including the Phycodryoideae, subfam. nov. *Journal of Phycology* 37: 881-99.
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- Fredericq S., N. Phillips & B. Gavio. 2000. Observations of the macroalgae inhabiting deep-water hard bank communities in the Northwestern Gulf of Mexico. *Gulf of Mexico Science* 2000 (2): 88-96.
- Hommersand M.H., S. Fredericq, D.W. Freshwater & J. Hughey. 1999. Recent developments in the systematics of the Gigartinaceae (Gigartinales, Rhodophyta) based on *rbcL* sequence analysis and morphological evidence. *Phycological Research* 47: 139-52.
- Freshwater D.W., S. Fredericq & C.J. Bailey. 1999. Characteristics and utility of nuclear-encoded large-ribosomal subunit gene sequences in phylogenetic studies of red algae. *Phycological Research* 47:33-8.
- Fredericq S., D.W. Freshwater & M.H. Hommersand. 1999. Observations on the phylogenetic systematics and biogeography of the Solieriaceae (Rhodophyta, Gigartinales) inferred from *rbcL* sequences and morphological evidence. *Hydrobiologia* 398/399: 25-38.
- Hommersand M.H. & S. Fredericq. 1997. Characterization of *Myriogramme livida*, Myriogrammeae trib. nov. (Delesseriaceae, Rhodophyta). *Journal of Phycology* 33: 106-21.
- Hommersand M.H. & S. Fredericq. 1997. Characterization of *Schizoseris condensata*, Schizoserideae trib. nov. (Delesseriaceae, Rhodophyta). *Journal of Phycology* 33: 475-90.
- Hommersand M.H. & S. Fredericq. 1996. Vegetative and reproductive development in *Pterocladia capillacea* (Gelidiales, Rhodophyta) from La Jolla, California. *Nova Hedwigia* 112: 145-58.
- Fredericq S., M.H. Hommersand & D.W. Freshwater. 1996. The molecular systematics of some agar-and carrageenan-containing marine red algae based on *rbcL* sequence analysis. Proceedings XVth int. Seaweed Symp. *Hydrobiologia* 326/327: 125-235.
- Fredericq S. & M.E. Ramírez. 1996. Systematic studies of the antarctic species of the Phyllophoraceae (Gigartinales, Rhodophyta) based on *rbcL* sequence analysis. Proceedings XVth int. Seaweed Symp. *Hydrobiologia* 326/327: 137-43.
- Freshwater D.W., S. Fredericq & M.H. Hommersand. 1995. A molecular phylogeny of the Gelidiales (Rhodophyta) based on analysis of plastid *rbcL* nucleotide sequences. *Journal of Phycology* 31: 616-32.
- Fredericq S. & J.N. Norris. 1995. A new order (Rhodogorgonales) and family (Rhodogorgonaceae) of red algae, which includes two calciferous tropical genera, *Renouxia* gen nov. and *Rhodogorgon*. *Cryptogamic Botany* 5: 316-31.
- Hommersand M.H., S. Fredericq & D.W. Freshwater. 1994. Phylogenetic systematics and biogeography of the Gigartinaceae (Gigartinales, Rhodophyta) based on sequence analysis of *rbcL*. *Botanica Marina* 37: 193-203.
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- Hommersand M.H., M.D. Guiry, S. Fredericq & G.L. Leister. 1993. New perspectives in the taxonomy of the Gigartinaceae (Gigartinales). *Hydrobiologia* 260/261: 105-20.
- Fredericq S., M.H. Hommersand & G.L. Leister. 1992. Morphology and systematics of *Acanthococcus antarcticus* Hooker et Harvey (Cystocloniaceae, Rhodophyta). *Phycologia* 31: 101-18.
- Fredericq S. & J.N. Norris. 1992. Studies on cylindrical species of Western Atlantic *Gracilaria* (Gracilariales, Rhodophyta): *G. cylindrica* Børgesen and *G. blodgettii* Harvey. In: *Taxonomy of Economic Seaweeds III*, I.A. Abbott [Ed.], pp. 211-31.
- Hommersand M.H., S. Fredericq & J. Cabioch. 1992. Developmental morphology of *Gigartina pistillata* (Gigartinaceae, Gigartinales). *Phycologia* 31: 300-25.

- Fredericq S., J. Brodie & M.H. Hommersand. 1992. Developmental morphology of *Chondrus crispus* (Gigartinales, Rhodophyta). *Phycologia* 31: 542-63.
- Fredericq S., E. Serrão & J.N. Norris. 1992. New records of marine red algae from the Azores. *Arquipelago, Life and Earth Sciences* 10: 1-5.
- Fredericq S. & M.H. Hommersand. 1990. Morphology and systematics of *Holmsella pachyderma* (Pterocladiales, Gracilariales). *British Phycological Journal* 25: 39-51.
- Fredericq S. & M.H. Hommersand. 1990. Taxonomy of *Melanthalia obtusata* var. *abscissa* and its placement in the Gracilariales (Rhodophyta). *Cryptogamic Botany* 2: 39-51.
- Fredericq S. & M.H. Hommersand. 1990. Diagnoses and key to the genera of the Gracilariaceae (Gracilariales, Rhodophyta). *Hydrobiologia* 204/205: 173-8.
- Hommersand M.H. & S. Fredericq. 1990. Sexual Reproduction and Cystocarp Development. Pp. 305-45. In: *Biology of the Red Algae*. Cole K.M. & R.G. Sheath [Eds]. Cambridge University Press.
- Fredericq S. & M.H. Hommersand. 1989. Proposal of the Gracilariales, ord. nov. (Rhodophyta) based on an analysis of the reproductive development of *Gracilaria verrucosa*. *Journal of Phycology* 25: 213-27.
- Fredericq S. & M.H. Hommersand. 1989. The comparative morphology and taxonomic status of *Gracilariopsis* (Gracilariales, Rhodophyta). *Journal of Phycology* 25: 228-43.
- Fredericq S., M.H. Hommersand & J.N. Norris. 1989. Morphological observations on the adelphoparasite *Gracilariophila oryzoides* (Gracilariales, Rhodophyta). *Japanese Journal of Phycology* 37: 167-79.
- Fredericq S. & M.H. Hommersand. 1989. Reproductive morphology and development of the cystocarp in *Curdiea flabellata* Chapman (Gracilariales, Rhodophyta). *New Zealand Journal of Botany* 27: 21-530.
- Hommersand M.H. & S. Fredericq. 1988. An investigation of cystocarp development in *Gelidium pteridifolium* with a revised description of the Gelidiales (Rhodophyta). *Phycologia* 27: 254-72.
- Norris R.E., M.H. Hommersand & S. Fredericq. 1987. *Gelidium pteridifolium* (Rhodophyceae), a new species from Natal and the eastern Cape. *South African Journal of Botany* 53: 375-80.
- Fredericq S. & J.N. Norris. 1986. The structure and reproduction of *Dasya haitiana*, sp. nov. (Dasyaceae, Rhodophyta) from the Caribbean Sea. *Phycologia* 25: 185-96.
- Fredericq S. & J.N. Norris. 1985. Morphological studies on some tropical species of *Gracilaria* Grev. (Gracilariaceae, Rhodophyta): Taxonomic concepts based on reproductive morphology. Pp. 137-55, in Abbott I.A. & Norris J.N. [eds.], *Taxonomy of Economic Seaweeds (with reference to some Pacific and Caribbean species)*. California Sea Grant Program, University of California, La Jolla. xvi+167 pp.
- Abbott I.A., Y.M. Chiang, S. Fredericq, J.N. Norris, R.T. Tsuda, B. Xia & N. Yamamoto. 1985. The red alga *Gracilaria* Greville (Gracilariaceae, Gigartinales): Introduction. Pp. 67-8 in Abbott I.A. & Norris J.N. [Eds.], *Taxonomy of Economic Seaweeds (with reference to some Pacific and Caribbean species)*. California Sea Grant Program, University of California, La Jolla. xvi+167 pp.

INVITED/NON REFEREED PUBLICATIONS

- Fredericq S. 2012. The In-Between in the Art of Eugene Martin, pp. 4-10 in: *Improvisations in Time: Eugene J. Martin and the Masur Museum of Art*, Masur Museum of Art Press, 76 pp. ISBN-10: 0-615-66502-0.
- Fredericq et al. 2008 and 2009. Co-producer of *Field guide to the common marine algae of the Bocas del Toro Area* by class participants (STRI, Panama).

- Fredericq S. 2003. Book Review of “*Antarctic Seaweeds*” by C. Wiencke & M.N. Clayton for *Antarctic Science* 15:315-6.
- Fredericq S. 2001. Elegance, a “brief, perfectly balanced instant of complete possession of forms”, pp. 14-19. In: *Elegance: Beauty and Truth*, edited by Lewis Pyenson (Lafayette: Center for Louisiana Studies, 2001) [Publications of the Graduate School, New Series, vol. 2].
- Fredericq S. 2000. Tyge Christensen Prize for 2000. *Phycologia* 6: p. 567.

GRANTS AND RESEARCH SUPPORT

2016. NSF DEB Systematic Biology REU suppl. *Collaborative Research: ARTS: Integrative Research and Training in Tropical Taxonomy*, NSF DEB, \$6,250
2015. Fredericq S. *Collaborative Research: ARTS: Integrative Research and Training in Tropical Taxonomy*, NSF DEB, \$86,845 to SF, 2015-2018 (total: \$605,761; Collin R., PI, + 4 other co-PIs).
2015. NSF DEB Systematic Biology REU suppl. *Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (J. Lopez & S. Fredericq) (\$12,500).
2015. Fredericq S. & K. Clinton, PIs. *A biodiversity study of red and green marine macroalgae emerging from rhodoliths collected offshore the Gulf of Mexico, SURE/LA EPSCoR* (for undergrad student Kailee Clinton) (\$4,500)
2014. Pilot study for innovative explorations of algal community diversity associated with the rhodolith ecosystem in the NW Gulf of Mexico, LA BOR/EPScOR (\$10,000).
2014. NSF DEB Systematic Biology REU suppl. *Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (J. Lopez & S. Fredericq) (\$12,500).
2013. NSF DEB Systematic Biology REU suppl. *RUI: Collaborative Research: Marine algal diversity of southern Central America* (\$6,250).
2013. NSF DEB Systematic Biology REU suppl. *Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (J. Lopez & S. Fredericq) (\$12,500).
2012. NSF DEB Systematic Biology REU suppl. *Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (J. Lopez & S. Fredericq) (\$7,500).
2012. NSF DEB Systematic Biology REU suppl. *RUI: Collaborative Research: Marine algal diversity of southern Central America* (\$7,500).
- 2011-2014. Gulf of Mexico Research Initiative GoMRI-I, CWC Consortium: *The effects of the Macondo oil spill on coastal ecosystems*. (D.L. Felder & S. Fredericq) (\$644,939).
- 2011-2012. Gulf of Mexico Research Initiative GoMRI-III. *Stop-gap Sampling to assess the impact of the Deepwater Horizon Oil Spill on macroalgae and macrocrustaceans in the northern Gulf of Mexico* (S. Fredericq & D.L. Felder) (\$93,093).
2011. NSF DEB Systematic Biology REU suppl. *RUI: Collaborative Research: Marine algal diversity of southern Central America* (\$7,500).
2011. NSF DEB Systematic Biology REU suppl. *Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (J. Lopez & S. Fredericq) (\$7,500).
- 2010-2012. NSF DEB Systematic Biology. *RAPID: Impacts of the Deepwater Horizon crude oil spill on the diversity of macroalgae and macrocrustaceans inhabiting deepwater hard banks in the NW, NE and SE Gulf of Mexico* (S. Fredericq & D.L. Felder) (\$185,608).

2010. NSF Systematic Biology REU suppl. *RUI: Collaborative Research: Marine algal diversity of southern Central America* (\$7,500).
2010. NSF Systematic Biology REU suppl. *Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (J. Lopez-Bautista & S. Fredericq) (\$15,000).
- 2009-2013. NSF Systematic Biology. *Systematics of the Peyssonneliaceae (Peyssonneliales), a family of crustose marine red algae* (\$401,411).
2009. NSF Pan American Advanced Studies Institutes Program. *PASI: Advanced tropical phycology: integrating modern and traditional techniques to the study of tropical algae* (S. Fredericq, co-PI) (\$80,015).
- 2009-2014. NSF DEB. *Assembling the Tree of Life. Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life* (S. Fredericq, co-PI) (UL portion: \$32,000).
- 2008-2013. NSF BS&I. *Collaborative proposal: Marine algal diversity of southern central America* (Wysor B., W. Freshwater, S. Fredericq & J. Norris) \$725,000; UL portion: \$112,500).
2008. Smithsonian Institution, Washington D.C. *MSN Workshop: Taxonomy, phylogeny, and DNA barcoding of Bocas del Toro seaweeds* (Collin R., B. Wysor, W. Freshwater, S. Fredericq, J. Norris & L. Weigt) (\$18,400).
2008. LBOR (equipment grant). *Molecular methods in oceanographic research at UL Lafayette* (Chistoserdov A., J. Neigel, S. Fredericq, P. Klerks, S. France & H. Rick) (\$59,000).
- 2008-2009. NSF PASI. *Advanced tropical phycology: integrating modern and traditional techniques in the study of tropical algae* (Collin R., S. Fredericq, & B. Wysor) (\$81,000).
2007. Smithsonian Institution, Bocas del Toro, Panama. *Invited Barcoding Workshop Participant* (\$2,000).
2005. NSF-Systematic Biology PEET program: REU Supplement to #6417049 (\$8,450).
2006. ITIS/NOAA. *A revised checklist of Gulf of Mexico seaweeds* (S. Fredericq, D. Krayesky & J. Norris) (\$31,900).
2006. NSF REU Supplement to DEB-0315995 (S. Fredericq & D.L. Felder) (\$12,000).
2006. Smithsonian Institution Twin Cays, Belize Program: *Ceramiales from Twin Cays* (\$1,800).
- 2003-2006. USGS: Tampa Bay grant. *Characterization of epiphytes and drift algae* (\$89,648).
- 2004-2005. Smithsonian Marine Station at Fort Pierce. *Systematic and phylogenetic investigations of red algal seagrass epiphytes in the vicinity of Fort Pierce, Florida* (J.N. Norris & S. Fredericq) (\$12,314).
- 2003-2006. NSF Biodiversity Surveys & Inventories. *A survey of the deep bank marine macroalgae and macrocrustaceans in the Gulf of Mexico* (S. Fredericq & D.L. Felder) (\$453,369).
- 2003-2008. NSF Systematic Biology PEET Program. *Monographic research and phylogenetic investigations of the Ceramiales (Rhodophyta)*. (S. Fredericq, M.H. Hommersand, D.W. Freshwater & J.N. Norris) (\$749,844).
2002. USGS Tampa Bay pilot grant. *Seagrass epiphytes and drift algae: indicator species for the health of seagrass beds* (\$19,648).
2001. NOAA 2001 NURC/UNCW. *Assessing macroalgal biodiversity and biogeographic patterns in the Northwestern Gulf of Mexico hard bank communities* (\$3,000).
2001. USGS Tampa Bay pilot grant. *Characterization of epiphytes and drift algae on seagrasses* (\$11,646).

- 2000-2001. NOAA-NURC 2000 Program. *Assessing macro-algal biodiversity and biogeographic patterns in the northwestern Gulf of Mexico Hard Bank communities* (\$30,000).
- 2000-2001. Louisiana Board of Regents: Enhancement Program. *Acquisition of an ABI 377 Automated DNA Sequencer to Enhance the Research and Training Programs in Evolutionary Biology* (Fredericq S., T. Schmidhauser, J. Neigel, C. Chlan & P. Leberg) (\$125,277).
2000. Louisiana Board of Regents EPSCor /NSF Travel Grant for Emerging Faculty Program. *Travel grant to present Symposium talk during the 54th Annual Phycological Society of America Meeting, San Diego, CA, 16-19 July 2000.* (\$1,000).
2000. NOAA/Marine Sanctuaries Division: Sustainable Seas Expedition. *Proposal to participate in Florida Middle Grounds Cruise, Sustainable Seas Expedition.* August (Ship time/on board expenses).
- 2000.-2001. Minerals Management Service Coastal Marine Institute (CMI) at LSU. *Characterization of marine algae on CMI study platforms: preliminary assessment of algal natural products sources* (R. Chapman & S. Fredericq) (\$58,450 to SF).
- 1999-2002. National Science Foundation, Systematic Biology Program. *Systematics of the marine red algal family Phyllophoraceae (Gigartinales, Rhodophyta) based on morphological and molecular evidence* (\$190,000).
1999. Louisiana Board of Regents EPSCor /NSF Travel Grant for Emerging Faculty Program. *Travel grant to present invited symposium talk during XVIth International Botanical Congress, St. Louis, MI, 1-7 Aug. 1999* (\$1,000).
- 1999-2000. Louisiana Board of Regents Support Fund: Research & Development. *Characterization of a family of marine red algae based on multiple datasets* (\$37,000).
1999. USL STEP Committee Technology Fee Application. *Purchase of an automated DNA sequencer to enhance the training and instruction of USL biology, microbiology, chemistry, nursing, anthropology and criminal justice students* (\$113,500).
1998. USL instructional improvement mini-grant. *Purchase of a Stylus 800 inkjet printer and accessories to improve the instruction of introductory biology lectures* (\$400).
- 1997-1999. Louisiana Board of Regents Support Fund: Research and Development. *Phylogeny, systematics and biogeography of the marine red algae* (\$105,000).
- 1997-2000. U.S. Department of Energy DOE-EETAP. *Assessing long-term regional and global impacts from production, transport and use of fossil fuels: impacts of warming, hypoxia and habitat perturbation on diversity of endemized assemblages in coastal marine habitats of the northern Gulf of Mexico* (D. Felder, J. Neigel, S. Fredericq & N. Rabalais) (\$1,477,128).
1997. Louisiana Board of Regents: Enhancement. *An automated DNA sequencing facility for enhancing the research and training programs in evolutionary biology* (S. Fredericq, T. Schmidhauser, J. Neigel, C. Chlan & P. Leberg) (\$19,900).
1997. University of Southwestern Louisiana Research Award. *Studies in the phylogeny of two families of marine red algae* (\$3,900).
1996. Univ. of São Paulo, Brasil, and Brazilian Phycological Society. *Phylogeny, Systematics and Biogeography of Marine Red Algae* (travel/all expenses)
- 1995-1996. Smithsonian Institution, Office of Fellowships and Grants. *Phylogenetic Systematics of the Gigartinales.*
1995. Harbor Branch Oceanographic Institute, Fort Pierce, Florida. *Marine Algae from the Lesser Antilles.* Expedition aboard the R/V *Sea Diver* (travel/all ship board expenses).
1995. Instituto Politecnico Nacional, Mexico City, Mexico. *Marine algae from Pacific Tropical Mexico* (travel/fieldwork).

1994. International Phycological Society grant and A.W. Mellon Fund grant, Duke University. *Participation in Fifth International Phycological Congress, Qingdao, China* (travel, registration).
- 1993-1994. A.W. Mellon Fund grants, Duke University. *Systematics of red algae* (supplies for molecular studies).
1993. XVth International Botanical Congress Grant. *Participation in Botanical Congress, Yokohama, Japan*.
1993. Chilean Antarctic Institute (INACH). *Phylloporaceae from Antarctica*. Base Frei, King George I., S. Shetland Isls, Antarctic Peninsula (M.E. Ramirez & S. Fredericq Co-PI's) (travel/fieldwork).
1993. A.W. Mellon Fund grant, Duke University. *Marine Algae from Chile and Antarctica* (travel grant).
- 1993-1994. Two Taiwan Ocean University grants. *Marine algae from Taiwan* (travel/fieldwork).
1990. Smithsonian Research opportunity Fund Award. *Marine algae from Guadeloupe, French West Indies* (fieldwork/travel).
1990. Harbor Branch Oceanographic Institute, Division of Biomedical Research, Fort Pierce, FL. *Marine algae from the Azores, Madeira, Selvage Isls and Canary Isls. Expedition on board the R/V Sea Diver* (travel/field work/all ship board expenses).
1989. Smithsonian Institution, NMNH. *Marine Algae from Aldabra Atoll and Mahi (Republic of Seychelles, Indian Ocean). Aldabra Expedition* (travel/fieldwork).
1988. University of North Carolina at Chapel Hill Graduate School. *Six month On-Campus Dissertation Fellowship*.
1984. California Seagrant Program. *Marine Algae from Guam* (travel/fieldwork).
1983. Smithsonian Graduate Summer Fellowship. *Gracilariaceae from Carrie Bow Cay, Belize*.
1983. Coral Reef Program grant (IMSWE and SWAMP), National Museum of Natural History. *Marine macroalgae from Carrie Bow Cay, Belize: Winter Marine Botany Project* (Fieldwork/travel).
1983. Department of Paleobiology, NMNH. *Turf algae from Mayaguana, Bahamas. Expedition on board of the R/V Marsys Resolute* (travel/field work/all ship board expenses).
1982. Coral Reef Program grant (IMSWE and SWAMP), National Museum of Natural History. *Marine macroalgae from Carrie Bow Cay, Belize: Spring Marine Botany Project* (fieldwork/travel expenses).
1977. *Nationaal Ministerie voor Culturele Opvoeding (Belgium)*. Fellowship to attend Invertebrate Zoology course at Science Institute, Roscoff, France (fieldwork/summer course).
1975. Weizmann Institute Fellowship, Rehovot, Israel. *Immunology and Marine Biology in Eilat, Israel* (summer course/travel/fieldwork).

TEACHING/WORKSHOP ORGANIZER

2014. Biol, 433(G). *Plant Systematics and Diversity* (Fall)
- 2015-2004, 2002, 2000, 1998. Biol. 485(G). *Marine Botany* (Spring)
- 2013-1997. Biol. 121. *Biological Principles and Issues I* (Fall: 1997-2012; Spring 2000)
- 2012-2008. Co-organiser and co-instructor of *Tropical Marine Phycology Field Course* at Bocas del Toro Smithsonian Institution Field Station (summer 2012, 2009, 2008)
2011. Co-organizer and co-instructor of Tropical Marine Phycology, Univ. of Panama, Pacific Panama Liquid Jungle Lab, and STRI Galeta Field Station/Colon (in Spanish) (summer).
2011. Hosting, organization and co-instructor of summer 2011 NSF Red Algal Tree of Life (RedToL) Workshop meeting at LUMCON, June 26-30.

- 2011-2010. Biol. 452 Seminar, *Botanical Latin* (Fall)
2004. Biol. 552 Seminar, *Macroalgal Nomenclature and Phycological Literature Review* (Fall)
2003, 1999. Biol. 559. *Systematic Methods* (Spring)
2002. Biol. 101. *Biological Principles and Issues I* (Spring)
2002-1997. Biol. 209. *Library Resources in Biology* (Fall)
2001, 1999. Biol. 452. *Seminar* (Spring)
1997-1996. Biol. 122. *Biological Principles and Issues II*. Fall 1996, Spring 1997.
1996. Invited Lecturer for Graduate *Course Systematics of Red Algae*, University of São Paulo, Brasil, Aug. 5-9.
1987-1984. Teaching Assistant, University of North Carolina at Chapel Hill, *Principles of Biology* (Fall)
1985. Teaching Assistant, University of North Carolina at Chapel Hill, *Phycology* (Sp)

SUPERVISION OF GRADUATE STUDENTS

- Showe-Mei Lin (Ph.D.), 1997 – 2000; Graduated: Spring 2000
- C. Fred Gurgel (Ph.D.), 1997 – 2001; Graduated: Summer 2001
- Brian Wysor (Ph.D.), 1998 – 2002; Graduated Spring 2002
- Brigitte Gavio (Ph.D.), 1998 – 2002; Graduated Fall 2002
- David Kravesky (Ph.D.), 2002 – 2007; Graduated Spring 2007
- Boo Yeon Won (Ph.D.), 2003 – 2007; Graduated Fall 2007
- Constanza Ehrenhaus (Ph.D.), 2003 - 2007; Graduated Spring 2007
- Daniela Gabriel (Ph.D.), University of the Azores, 2005-2008: Co-Advisor
- William Schmidt (Ph.D.), 2002 – 2009. Graduated Fall 2009
- Natalia Arakaki (Ph.D.), 2004 – 2011. Graduated Spring 2011
- Sherry Kravesky (Ph.D.), 2013 -2015; Graduated Summer 2015
- Joseph Richards (Ph.D.), 2011 – 2016; Graduated Spring 2016
- Thomas Sauvage (Ph.D.), 2011-2016; Graduated Summer 2016
- Olga Camacho (Ph.D.), 2010 – 2016; Graduated Fall 2017
- Dagoberto Venera-Ponton (Ph.D. Candidate), Fall 2010 – current
- Stephen Saltamachia (MSc. Student), Fall 2016-current
- Gabriela Garcia Soto (Ph.D. Candidate), Spring 2012-current, University of Alabama at Tuscaloosa, Ph.D. Co-Chair

EXTERNAL EXAMINER

- Enrico Tronchin, External Ph.D. Examiner, Dept. Botany, University of Cape Town, South Africa: graduated Fall 2003
Revel Iyer, External Ph.D. Examiner, Dept. of Botany, University of Cape Town, South Africa: graduated Spring 2002
Kershin Govender, External M.Sc. Examiner, Dept. of Botany, University of Cape Town, South Africa: graduated Spring 2001

SUPERVISION OF POSTDOCTORAL ASSOCIATES

- Dr. William Schmidt (NSF-, GoMRI-funded): January 2010-2015
Dr. David Kravesky (NSF-funded): 2007-2008
Dr. Tae Oh Cho (KOSEF-, NSF-funded): September 2001-2007
Dr. C. Fred Gurgel (NSF-funded): January 2004-2005
Dr. M. Ganesan (Indian Government-funded): November 2003-May 2004
Dr. Juan Lopez-Bautista (NSF-, MMS-funded): February 2000-July 2003
Dr. Naomi Phillips (DOE-EETAP, NOAA-NURP-funded): Feb 1999-July 2001

SELECT UNIVERSITY SERVICE

Faculty Senate Member
International Initiatives Strategic Task Force (2011-current)
Lafayette Natural History Museum Project member: Dee Sea to Space
Concerts Committee (2001-2011)
Library Committee (1997-2006)
Curriculum Committee (1998-2004)
Literary Rally; UL Advanced Placement Day; UL Shadow Day
Discover UL-Houma; Alexandria; Baton Rouge; New Orleans
LA Parish Science Fair Judge
Free consulting regarding algal matters and sequencing protocols
International collaboration

ACADEMIC AFFAIRS

Elected Member, Board of Directors of the International Phycological Society (2016-current)
Member of Communication Committee, Phycological Society of America (2011-current)
Instructor in *Tropical Field Phycology* course at STRI's Bocas del Toro Research Station, June 20-July 5, 2015 (yearly 2-3 week field course since 2008-2012), and University of Panama (2012)
Phycological Society of America Outreach Committee Member (2011-current)
Executive Council Member, International Phycological Society (1997-2000; 2004-06)
Election Committee Member, Phycological Society of America (2004-6)
Advisor, International Foundation for Science
Judge, Christensen Prize, International Phycological Society (2000)
Elected Member, Editorial Board *Journal of Phycology* (1998-9)
Associate Editor of *Cryptogamie, Algologie* (1998-9)
Grants and Fellowships Committee Member, Phycological Society of America, (1998-9)
Bold Award Judge for best student paper, Phycological Society of America (1998)
Treasurer, Sigma XI, Southwest Louisiana chapter (1998-present)
Appointment: Temporary Member of the Graduate Faculty of The University of Alabama (2015-2018)

THESES

1988. *Developmental Morphology and Systematics of the Gracilariaceae (Rhodophyta)*. Ph.D. Dissertation, University of North Carolina at Chapel Hill, 340 pp.
1984. *Morphological studies on tropical species of Gracilaria Grev. (Rhodophyta, Gracilariaceae): Taxonomic concepts based on post-fertilization events*. MSc. thesis, George Mason University, 125 pp.
1980. *Fauna associatie van Ulva lactuca Linnaeus (1753) in the Spuikom van Oostende* (Fauna association of *Ulva lactuca* in the Spuikom of Ostend). Licenciaats thesis in Zoology, State University of Gent, Belgium (BSc. Thesis).

CONTRIBUTED AND INVITED LECTURES, SYMPOSIA AND WORKSHOP PARTICIPANT (AND PUBLISHED ABSTRACTS)

2016. Tronholm A., F. Leliaert, C. Lemieux, M. Turnel, M.S. DePriest, S. Fredericq, F.W. Zechman & J.M. Lopez-Bautista. 2016. *Chloroplast genomics solves the mystery: Palmopyllaceae Class Nov. is the deepest-branching lineage of the*

- Chlorophyta*. Annual Meeting of the Phycological Society of America, July 24-30, 2016, John Carrol Univ., Cleveland OH.
2016. Schmidt W.E., N. Arakaki, C.F. Gurgel, D. Gabriel, J.N. Norris, D. Ballantine & S. Fredericq. 2016. To be or not to be: will the real *Chrysymenia* (Rhodymeniaceae, Rhodophyta) please stand up? Annual Meeting of the Phycological Society of America, July 24-30, 2016, John Carrol Univ., Cleveland OH.
2016. Phung D., S. Kravesky, W.E. Schmidt, T. Sauvage & S. Fredericq. *First report of an endolithic species of Rhodosorus (Stylonemataceae, Stylonematales, Rhodophyta) growing inside Lithothamnion rhodoliths*. Annual Meeting of the Phycological Society of America, July 24-30, 2016, John Carrol Univ., Cleveland OH.
2016. Kravesky-Self S., W.E. Schmidt, D. Phung, C. Henry, T. Sauvage, O. Camacho, B.E. Felgenhauer & S. Fredericq. *Unsuspected eukaryotic life inhabits the rolling stones*. Annual Meeting of the Phycological Society of America, July 24-30, 2016, John Carrol Univ., Cleveland OH.
2016. Collin R., S. Fredericq, S. Maslakova, M.P. Piglietta, R. Richa, E. Rodriguez & R.W. Thacker. *Increasing International Access to Vocabularies for Organismal Taxonomy*. Integrative and Comparative Biology, 56: E270-E270. Oxford Univ. Press (2016/3/1), Portland OR.
2015. Kravesky-Self, W. Schmidt, T. Sauvage & S. Fredericq. 2015. *Newly Found Dinoflagellate and Haptophyte life history stages inside coralline-forming Rhodoliths from the Gulf of Mexico: previously unknown endolithic associations*. Plankton Resting Stages Workshop, Tvärminne Zoological Station, Hanko Peninsula, Finland, Oct 5–8, 2015 (oral).
2015. Vieira C., O. Camacho, M. Wynne, L. Mattio, R. Anderson, J. Bolton, M. Sanson, S. D'hondt, S. Fredericq, C. Payri & O. De Clerck. *Shedding new light on old algae: matching names and sequences in the brown algal genus Lobophora (Dictyotales, Phaeophyceae)*. EPC6, London, Aug. (Abstract)
2015. Camacho O. & S. Fredericq. 2015. *Reviewing species relationships on brown macroalgae (Phaeophyceae) in the molecular era*. 50th Annual Meeting of the Phycological Society of America, August 10-13, Drexel Univ., Philadelphia. (oral), Abstract p. 42. Olga Camacho was *Invited Symposium Speaker* in Symposium: Brown Algae.
2015. Vieira, C., Camacho, O., Sun Z., Fredericq, S., Payri, C. & De Clerck, O. *Phylogeography and speciation of the brown algal genus Lobophora (Dictyotales, Phaeophyceae)*. International Biogeography Society Meeting, Phylogeography section, P7.31, Bayreuth, Germany. 8-12 Jan. (poster).
2015. Wilson K., N. Arakaki, W.E. Schmidt & S. Fredericq. *The Mediterranean red algal genus Felicinia (Halymeniales, Rhodophyta) is not an endemic taxon*. 50th Annual Meeting of the Phycological Society of America, August 10-13, Drexel Univ., Philadelphia. (oral), abstract p. 77-78.
2015. Gabrielson P.W., J. Hughey, J. Richards, T. Sauvage, W.E. Schmidt & S. Fredericq. *Sporolithon ptychoides (Sporolithales): the generitype species of the type genus of the order assessed by sequencing type and topotype material*. 50th Annual Meeting of the Phycological Society of America, August 10-13, Drexel Univ., Philadelphia. (oral), abstract p. 75.
2015. Fredericq S., T. Sauvage, W. Schmidt & S. Kravesky Self. 2015. *New Insights into Rhodolith beds of the NW Gulf of Mexico*. **Invited Plenary Speaker**, International Rhodolith Meeting, San Jose, Costa Rica, July 27-31.

2015. Gabrielson P.W., J. Hughey, J. Richards, T. Sauvage, S. Fredericq & W.E. Schmidt. *Sporolithon ptychoides* (Sporolithales): the generitype species of the type genus of the order assessed by sequencing type and topotype material. International Rhodolith Meeting, San Jose, Costa Rica, July 27-31 (oral).
2015. Fredericq S., T. Sauvage, S. Self-Krayesky & W.E. Schmidt. 2015. Viewing rhodoliths as diversity-rich holobionts. 50th Annual Meeting of the Phycological Society of America, August 10-13, Drexel Univ., Philadelphia. (oral), abstract p. 83-84.
2015. Bustamante D.E., B.Y. Won, S. Fredericq & T.O. Cho. 2015. *Hapterosiphonia* gen. nov. (Rhodomelaceae, Rhodophyta); a new genus of marine red algae from the Pacific Ocean. 50th Annual Meeting of the Phycological Society of America, August 10-13, Drexel Univ., Philadelphia. (poster), pp. 103-104.
2015. Jeong, S. Y., Won, B. Y, Fredericq, S., Cho, T. O. 2015. *Wynneophycus geminatus* gen. et comb. nov. (Delesseriaceae, Rhodophyta), based on a red alga previously known as *Hypoglossum geminatum* Okamura. 50th Annual Meeting of the Phycological Society of America, August 10-13, Drexel Univ., Philadelphia. (poster), abstract p. 100-101.
2015. Fredericq S. , T. Sauvage, & W.E. Schmidt. *Four years after the DWH oil spill: What has changed with the offshore seaweeds and rhodoliths in the NW Gulf of Mexico deep banks?* 2015 Gulf of Mexico Oil Spill & Ecosystem Science Conference, Feb. 15-17, 2015, Houston TX (oral), Abstract (session 17).
2015. Sauvage T., W.E. Schmidt & S. Fredericq. *New insights in the exploration of cryptic microbiota associated with pre- and post-DWH oil spill rhodoliths using Next-Generation and Sanger Sequencing: a case for the NW Gulf of Mexico.* 2015 Gulf of Mexico Oil Spill & Ecosystem Science Conference, Feb. 15-17, 2015, Houston TX (poster), Abstract (session 17).
2015. Camacho O., K. Clinton, S. Self-Krayesky, G. Rees, J.L. Richards, T. Sauvage, W.E. Schmidt W.E., B. Thoma, D. Venera Ponton, D. Felder, S. Fredericq. *Trials and tribulations of Gulf of Mexico algae and macrocrustaceans inhabiting deep banks offshore Louisiana: what have we learned since the 2010 Deepwater Horizon oil spill?* 2015 Gulf of Mexico Oil Spill & Ecosystem Science Conference, Feb. 15-17, 2015, Houston TX (poster), Abstract (session 17).
2015. Collin R., S. Fredericq, S. Maslakova, M.P. Piglietta, R. Richa, E. Rodriguez & R.W. Thacker. *Integrative and Comparative Biology*, 56: E270-E270. Oxford Univ. Press (2016/3/1)
2014. Fredericq S., T. Sauvage & W.E. Schmidt. 2014. *Environmental Next-Generation sequencing coupled with Sanger sequencing reveals novel, unexpected red algal biodiversity within rhodoliths.* Annual Phycological Society of America/Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract #13897.
2014. Yoon H.S., D. Bhattacharya, S.M. Boo, S. Fredericq, M. Hommersand, J. Lopez-Bautista, G. Saunders & M.L. Vis. 2014. *What have we learned from the Red Algal Tree of Life (NSF RedToL) project?* Annual Phycological Society of America/Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract #13389.
2014. Sauvage T., M.J. Wynne, V.J. Paul & S. Fredericq. 2014. *Morphological and molecular clarification of the enigmatic Caulerpa floridana W.R. Taylor (Chlorophyta, Bryopsidales) from the Dry Tortugas, Florida.* Annual Phycological Society of America/Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract #13085.
2014. Self-Krayesky S. & S. Fredericq. 2014. *Marine dinoflagellates found inside rhodoliths: Identifying one participant in a newly found endolithic association.*

- Annual Phycological Society of America//Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract #13744.
2014. Richards J.L., P.W. Gabrielson & S. Fredericq. 2014. *New insights into the genus Lithophyllum (Lithophylloideae, Corallinaceae, Corallinales) from offshore the NW Gulf of Mexico*. Annual Phycological Society of America/Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract# 13077.
2014. Camacho O., W. Schmidt & S. Fredericq. 2014. Brown macroalgae (Phaeophyceae) growing from rhodoliths collected in the NW Gulf of Mexico. Annual Phycological Society of America/Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract #14169.
2014. Tronholm A., F. Leliaert, M.S. Depriest, D. Bhattacharya, S. Fredericq & J. Lopez-Bautista. 2014. Phylogenetic position of Palmophyllales (Chlorophyta): independent evolution of multicellularity in deep water. Annual Phycological Society of America/Joint Aquatic Science meeting, May 18-23, Portland, OR (oral), Abstract #14606.
2014. Fredericq S., T. Sauvage, S. Self, J. Richards, D. Felder & W. E. Schmidt; *What happened to the offshore rhodoliths and other seaweeds in the NW Gulf of Mexico since the 2010 DWH oil spill?* 2014 Gulf of Mexico Oil Spill & Ecosystem Science Conference, Jan. 26-29, Mobile AL (oral), Abstract (session 007)
2014. Sauvage T., W. E. Schmidt, S. Self, J. Richards, O. Camacho, D. Venera-Ponton, K. Clinton, D. Felder & S. Fredericq. 2014. *Rhodoliths offshore the NW Gulf of Mexico: before and after, inside and out*. 2014 Gulf of Mexico Oil Spill & Ecosystem Science Conference, Jan. 26-29, 2014, Mobile AL (poster), Abstract (session P-007).
2013. Richards J., P.W. Gabrielson & S. Fredericq. 2013. *Molecular and morphological diversity of non-geniculate coralline red algae (Corallinales, Rhodophyta) in the Northwestern Gulf of Mexico*. 35th Annual Southeastern Phycological Colloquy, 27-28 September 2013, Dauphin I. Sea Lab, Alabama (oral)
2013. Self S., W. Schmidt, T. Sauvage & S. Fredericq. 2013. Characterization of dinoflagellates found in rubble/rhodolith samples from the NW Gulf of Mexico and Panama. 35th Annual Southeastern Phycological Colloquy, 27-28 September 2013, Dauphin I. Sea Lab, Alabama (oral)
2013. Tronholm A., M.S. DePriest, D. Bhattacharya, S. Fredericq & J. Lopez-Bautista. Inferring the phylogenetic position of Palmophyllales using the genome of *Verdigellas peltata*. 35th Annual Southeastern Phycological Colloquy, 27-28 September 2013, Dauphin I. Sea Lab, Alabama (oral)
2013. Camacho O. & S. Fredericq. The genus *Lobophora*: much more diverse than we thought. 35th Annual Southeastern Phycological Colloquy, 27-28 September 2013, Dauphin I. Sea Lab, Alabama (oral).
2013. Fredericq S., T. Sauvage, J. Richards, O. Camacho, D. Venera-Ponton & W.E. Schmidt. Assessment of the Deepwater Horizon spill impacts on offshore seaweed diversity in the NW Gulf of Mexico. 35th Annual Southeastern Phycological Colloquy, 27-28 September 2013, Dauphin I. Sea Lab, Alabama (poster).
2013. Fredericq S. Invited Speaker, Seminar, Chosun University, Korea, July.
2013. Tronholm A., M.S. DePriest, D. Bhattacharya, S. Fredericq & J. Lopez-Bautista. *Inferring the phylogenetic position of the Palmophyllales using the genome of Verdigellas peltata*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #299 in abstract book).
2013. Richards J., P. Gabrielson & S. Fredericq. *Gene sequencing reveals newly reported biodiversity of non-geniculate coralline red algae (Corallinales, Rhodophyta) in the Northwestern Gulf of Mexico*. 10th International Phycological Congress (IPC

- 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (poster, abstract #239 in abstract book).
2013. Yoon H.S., D. Bhattacharya, S.M. Boo, S. Fredericq, M. Hommersand, J. Lopez-Bautista, G. Saunders & M.L. Vis. *REDToL: Red Algal Tree of Life*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #330 in abstract book).
2013. Camacho O., T. Sauvage, W. Schmidt, D.W. Freshwater & S. Fredericq. *New insights in the diversity of the genus Lobophora (Dictyotales, Phaeophyceae) based on molecular and morphological evidence*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (poster, abstract #42 in abstract book).
2013. Fredericq S., D. Kravesky, T. Sauvage, D. Gabriel, T. Schilz, D. Draisma, W. Gardiner, & W.E. Schmidt. *A revised phylogeny of the red algal family Peyssonneliaceae (Peyssonneliales)*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #84 in abstract book).
2013. Schmidt W.E., T. Sauvage, O. Camacho, J. Richards, D. Kravesky, S. Self-Kravesky, D. Gabriel, N. Arakaki, G. Rees & S. Fredericq. *A dynamic approach to the study of rhodoliths: a case study for the northwestern Gulf of Mexico*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #256 in abstract book).
2013. Sauvage T., S. Suda & S. Fredericq. 2013. *Molecular diversity of the endolithic siphonous green algal genus Ostreobium (Bryopsidales) in the Ryukyu Archipelago, Japan*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #252 in abstract book).
2013. Self-Kravesky S.L., W.E. Schmidt, T. Sauvage & S. Fredericq. *Elemental and chemical characterization of rhodolith samples from the NW Gulf of Mexico and Panama*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #263 in abstract book).
2013. Cho T.O., B.Y. Won & S. Fredericq. 2013. *Phylogenetic relationship of various Ceramium species (Ceramiaceae, Rhodophyta) from Florida, USA*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (oral, abstract #49 in abstract book).
2013. Richards J.L., P. Gabrielson & S. Fredericq. *DNA sequencing provides new insights into the diversity of nongeniculate coralline algae (Corallinales, Rhodophyta) in the northwestern Gulf of Mexico*. 10th International Phycological Congress (IPC 10) & Annual PSA Meeting, Orlando, FL, Aug. 4-10 (poster, abstract #239 in abstract book).
2013. Gabriel D., T. Sauvage, S. Draisma, W. Schmidt, T. Schils & S. Fredericq. *Genetic diversity in the pantropical red algal genus Titanophora (Schizymeniaceae, Nemastomatales)*. Advances in ecological speciation, Cibio, Vairão, Portugal, April 29-30 (abstract) (oral).
2013. Gabriel D., S. Draisma, T. Sauvage, W. Schmidt & S. Fredericq. *The Gibsmithia hawaiiensis complex (Dumontiaceae, Rhodophyta): Molecular phylogeny, taxonomic characterization, and the proposal of new species*. 21st International Seaweed Symposium Bali, April 21-26 (oral).
2013. Gabriel D., S. Draisma, T. Sauvage, W. Schmidt & S. Fredericq. *Genetic diversity of the Gibsmithia hawaiiensis complex (Dumontiaceae, Rhodophyta)*. The Malaysian Society of Marine Sciences (MSMS) and the Institute of Ocean and Earth Sciences (IOES) Scientific Seminar Series, University of Malaya, March 27

- (oral).
2013. Fredericq S., T. Sauvage, J. Richards, O. Camacho, W. Gardiner, D. Venera-Ponton & W. Schmidt. *Function of rhodoliths as seedbanks in post-spill NW Gulf of Mexico deep banks: a novel and unexplored concept*. GoMRI meeting, New Orleans, Jan. 21-23, Abstract #005-7 in Session Ecosystem of the Open Ocean: Microbes, Mammals and Models - Lower Trophic level studies (oral).
2013. Fredericq S., D.L. Felder, T. Sauvage, J. Richards, O. Camacho, W. Gardiner, D. Venera-Ponton & W. E. Schmidt. *Assessment of deepwater horizon spill impacts on offshore seaweed diversity in the NW Gulf of Mexico*. GoMRI meeting, New Orleans, Jan. 21-23, Abstract #005-17 in Session Ecosystem of the Open Ocean: Microbes, Mammals and Models - Lower Trophic level studies (poster).
2013. Felder D. L., S. Fredericq, H. D. Bracken-Grissom, B. P. Thoma, E. Palacios-Theil & K. A. Crandall. *Assessment of deepwater horizon spill impacts on shelf and slope decapod crustaceans*. GoMRI meeting, New Orleans, Jan. 21-23, Abstract #005-14 in Session Ecosystem of the Open Ocean: Microbes, Mammals and Models - Higher Trophic level studies (oral).
2012. Gabriel D., M.I. Parente & S. Fredericq. *A diaspora das algas*. Campanha EMEPC/M@rBis/Berlengas, aboard N.T.M Creoula, Berlengas, 26 September.
2012. Gabriel, D., Parente, M.I., Schmidt, W.E. and S. Fredericq. *Using macroalgae to answer a multitude of questions*. GISlands 2012 - 2nd Advanced International Summer School on GIS and Islands: Climate Change and Coastal Environmental Planning, Ponta Delgada, Azores, 5-11 August.
2012. Gabriel D., M.I. Parente & S. Fredericq. *The algal diaspora*. Conhecer o Mar dos Açores II: fórum científico de apoio à decisão, Horta, Azores, 9-10 July.
2012. Fredericq S., W.E. Schmidt, D. Gabriel, T. Sauvage, J.N. Norris & D. Kravesky. *Characterization of offshore rhodolith beds in the NW Gulf of Mexico: trials and tribulations since the BP Deepwater Horizon oil spill disaster*. Phycological Society of America Annual Meeting, 20-23 June, Charleston SC (Abstract #T25 in meeting booklet) (oral).
2012. Yoon H. S., D. Bhattacharya, S.M. Boo, S. Fredericq, M. Hommersand, M. Vis, J. Lopez-Bautista, G. Saunders. *Progress report of RedTol: the Red Algal Tree of Life*. Phycological Society of America Annual Meeting, June 20-23, Charleston SC (Abstract # S1 in Meeting booklet) Invited Symposium talk.
2012. Schmidt W.E., T. Sauvage, D. Gabriel, D. Kravesky, H. S. Yoon & S. Fredericq. *Estimating divergence times of the red algal family Peyssonneliaceae (Peyssonneliales, Rhodophyta) with a molecular clock*. Phycological Society of America Annual Meeting, 20-23 June, Charleston SC (Abstract # T39 in meeting booklet) (oral).
2012. Richards J.L. & S. Fredericq. *New insights in the diversity of Delesseriaceae (Ceramiales) from offshore Louisiana and Caribbean Panama*. Phycological Society of America Annual Meeting, 20-23 June, Charleston SC (Abstract # T26 in meeting booklet) (oral).
2012. Kravesky D., J. Norris, S. Jackie, J. Vogt, S. Fredericq. *Proposal for a new crustose red algal genus in the Order Gigartinales (Rhodophyta)*. Botany 2012 Meeting, Columbus, Ohio, 7-12 July (Abstract PPC002 in meeting booklet).
2012. Fredericq S., D. Kravesky, T. Sauvage, D. Gabriel & W. Schmidt. *The hidden world of the Peyssonneliaceae*. Open Ocean Science Center, Dahab (Egypt), 5 May.

2012. Sauvage T., H. Verbruggen, D. Gabriel, W.E. Schmidt & S. Fredericq. Algal biodiversity studies in the Red Sea, with a focus on the genus *Caulerpa*. Open Ocean Science Center, Dahab (Egypt), 5 May.
2012. Felder D.L., S. Fredericq, H. Bracken-Grissom & K. Crandall, Shelf macroinfauna and macroflora. *Effects of the Macondo Oil Spill on Coastal Ecosystems Meeting*, Louisiana Universities Marine Consortium Meeting, Baton Rouge, 1-2 Feb. (oral).
2012. Fredericq S. & W. Schmidt. *Effects of the April 210 Deepwater Horizon Crude oil spill on offshore seaweed diversity in the NW Gulf of Mexico*. 2010 Ocean Sciences Meeting, Salt Lake City, Utah, 23 Feb. (abstract #10034 in meeting booklet) (oral).
2011. Fredericq S. & D.L. Felder. *Impact of the Deepwater Horizon Oil Spill on macroalgae and macrocrustaceans in the northern Gulf of Mexico*. Deepwater Horizon Oil Spill Conference, LSU, April 29, 2011.
2011. Arakaki N., M. Suzuki & S. Fredericq. *Systematics of Halarachnion (Furcellariaceae, Rhodophyta), including a new species from offshore Louisiana, NW Gulf of Mexico*. Phycological Society of America Annual Meeting, Seattle WA, July 13-16 (Abstract in meeting booklet, #42 p. 125).
2011. Kravesky D.M., J.N. Norris, J.A. West & S. Fredericq. *A new species of Caloglossa (Delesseriaceae, Rhodophyta) from the coastline of the Western Atlantic*. Phycological Society of America Annual Meeting, Seattle WA, July 13-16 (Abstract in meeting booklet, #44 p. 125).
2011. Schmidt W.E., N. Arakaki & S. Fredericq. *A critical examination of the genus Chrysomenia (Rhodymeniales, Rhodophyta), with a special emphasis on taxa from the Gulf of Mexico*. Phycological Society of America Annual Meeting, Seattle WA, July 13-16 (Abstract in meeting booklet, #47 p. 127).
2011. Richards J., W. Gardiner, W.E. Schmidt, D. Venera-Ponton, O. Camacho, T. Sauvage, N. Arakaki, E. Hickerson & S. Fredericq. *Effects of the anthropogenic April 2010 BP Deepwater Horizon crude oil spill on seaweed diversity in the NW Gulf of Mexico*. Phycological Society of America Annual Meeting, Seattle WA, July 13-16 (Abstract in meeting booklet, #48 p. 127).
2011. Fredericq S., D. Kravesky, D. Gabriel, J.N. Norris, W.E. Schmidt. *New taxonomic concepts in the genera of the Peyssonneliaceae (Peyssonneliales, Rhodophyta) with focus on taxa from the Gulf of Mexico and Panama*. Phycological Society of America Annual Meeting, Seattle WA, July 13-16 (Abstract in meeting booklet, p. 89).
2011. Lopez-Bautista J.M., H.W. Yoon, D. Bhattacharya, S.M. Boo, S. Fredericq, M. Hommersand, G.W. Saunders & M.L. Vis. *REDTOL: The red algal tree of life*. 6th Asian Pacific Phycological Forum, Yeosu, Korea, Oct. 9-14. (Abstract MS-2-1, p. 23 in meeting book) (Invited Mini-Symposium participant)
2011. Fredericq S., D. Kravesky & W.E. Schmidt. *New insights into the generic concepts and species diversity of the red algal family Peyssonneliaceae (Peyssonneliales)*. 6th Asian Pacific Phycological Forum, Yeosu, Korea, Oct. 9-14. (Abstract MS-2-2, p. 24 in meeting book) (Invited Mini-Symposium participant)
2011. Fredericq S., D. Kravesky, T. Sauvage, D. Gabriel and W. Schmidt. *The intriguing and hidden world of the Peyssonneliaceae*. 33rd Southeastern Phycological Colloquy, Florida International University, Miami, FL, Oct. 15.
2011. Richards J., W. Gardiner, W. Schmidt, D. Venera-Ponton, O. Camacho, T. Sauvage, N. Arakaki, E. Hickerson & S. Fredericq. *The Deepwater Horizon oil spill and the seaweeds: before and after*. 33rd Southeastern Phycological Colloquy, Florida International University, Miami, FL, Oct. 15.
2010. Fredericq S. *Living with red algae*. Invited seminar, Biology Dept. Univ. of

Alabama at Tuscaloosa, April 15.

2010. Yoon H.S., D. Bhattacharya, S.M. Boo, S. Fredericq, M. Hommersand, J. Lopez-Bautista, G.W. Saunders & M.L. Vis. *REDToL: Phylogenetic and genomic approaches to reconstructing the red algal (Rhodophyta) Tree of Life*. Phycological Society of America Annual Meeting, East Lansing MI, July 10-13 (Abstract in meeting booklet, #4, p. 37).
2010. Fredericq S., D. Kravesky, W. Schmidt, D. Gabriel & J.N. Norris. *New insights into the systematics of the red algal family Peyssonneliaceae (Peyssonneliales)*. Phycological Society of America Annual Meeting, East Lansing MI, July 10-13 (Abstract in meeting booklet, #14, p. 42).
2010. Schmidt W., S. Fredericq, B. Wysor & J.N. Norris. *The red algal genus Champia in the Gulf of Mexico and the Caribbean*. Phycological Society of America Annual Meeting, East Lansing MI, July 10-13 (Abstract in meeting booklet, #21 p. 45).
2010. Kravesky D.M., J.N. Norris, J.A. West, B. Wysor & S. Fredericq. *A unique new species of Caloglossa (Delesseriaceae, Rhodophyta) from Pedro Miguel locks, Miraflores Lake, Panama, Central America*. Phycological Society of America Annual Meeting, East Lansing MI, July 10-13 (Abstract in meeting booklet, #39 p. 82).
2010. Arakaki N.C. & S. Fredericq. *New insights into the systematics of blade-like marine red algae from the Gulf of Mexico*. Phycological Society of America Annual Meeting, East Lansing MI, July 10-13 (Abstract in meeting booklet, P45 p. 79).
2010. Fredericq S., J. Lopez-Bautista & M.H. Hommersand. *NSF RedToL Outreach Initiatives*. NSF-sponsored meeting, after PSA meeting, East Lansing MI, July 14.
2010. Matula C., S. Fredericq, N. Arakaki & M.E. Ramírez. *Primer reporte de Ahnfeltiopsis devoniensis (Greville) P.C. Silva & DeCew (Rhodophyta: Gigartinales) para las costas de Argentina, Atlántico Sudoccidental*. X Congreso Latinoamericano de Botánica, La Serena, Chile, 4-10 Oct. (Abstract).
2010. Fredericq S., W. Schmidt & E. Hickerson. *The deepwater seaweeds from the Gulf of Mexico*. Southeastern Phycological Colloquy, Oct. 29-30, Wilmington NC.
2010. Fredericq S. & D. Felder. *Will diversity of macroalgae and macrocrustaceans in the Gulf of Mexico be impacted by the Deepwater Horizon oil spill?* Southeastern Phycological Colloquy, Oct. 29-30, Wilmington NC.
2010. Arakaki N. & S. Fredericq. *Presence of Halarachnion sp. (Furcellariaceae, Rhodophyta) in the northwestern Gulf of Mexico*. Southeastern Phycological Colloquy, Oct. 29-30, Wilmington NC.
2010. Fredericq S. & D.L. Felder. *Will diversity of macroalgae and macrocrustaceans in the Gulf of Mexico be impacted by the Deepwater Horizon oil spill?*. LA Gulf Oil Research Conference, New Orleans, LA. Organized by LA Board of Regents, Nov. 1-2.
2009. León-Cisneros, K., Ne. Poster, A.I., Fredericq, S., Gabriel, D., Riosmena-Rodríguez. *The red algal genus Scinaia (Nemaliales; Rhodophyta) on the Azores Archipelago: a molecular approach with morphological and anatomical observations*. 43rd European Marine Biology Symposium, Ponta Delgada, Azores, Portugal, Sept. 8-12.
2009. Gabriel D. & S. Fredericq. Colloquium on Algal Biodiversity, Leiden University, The Netherlands, Oct. 14.
2009. Won B.Y., Cho T.O. & Fredericq S. *Two new species of genus Centroceras (Ceramiaceae, Rhodophyta) from Kwazulu Natal, South Africa*. The 23th Annual meeting of the Korean Society of Phycology. June 4-5. Jeju University, South Korea. Abstract # PA-009. p131.

2009. Gabriel D. & S. Fredericq. *The red algal genus Titanophora (Schizymeniaceae, Nemastomatales) in the Gulf of Mexico*. Phycological Society of America Annual Meeting, Honolulu HI, July 18-22. (Abstract in meeting booklet, #P05042, p. 65].
2009. Schmidt W.E., S. Fredericq & J.N. Norris. *A molecular rbcL-based phylogeny of Champia (Rhodymeniales, Rhodophyta), including the description of a new monoecious species from the Caribbean*. Phycological Society of America Annual Meeting, Honolulu HI, July 18-22. (Abstract in meeting booklet, #P05045, p. 127].
2009. Fredericq S., D. Kravesky, W. Freshwater, J. Lopez-Bautista, T.O. Cho, J.N. Norris & M.H. Hommersand. *New insights in the systematics of the Dumontiaceae-complex (Rhodophyta)*. Phycological Society of America Annual Meeting, Honolulu HI, July 18-22. (Abstract in meeting booklet, #P05047, p. 128].
2009. Norris J.N., B. Wysor, D. W. Freshwater & S. Fredericq. *A preliminary assessment of macroalgal diversity in Bocas del Toro, Caribbean Panama*. Phycological Society of America Annual Meeting, Honolulu HI, July 18-22. (Abstract in meeting booklet, #P05048, p. 128).
2009. Kravesky, D., J.N. Norris, D. Gabriel, S. Fredericq. *New insights in the systematics of Peyssonnelia and the Peyssonneliaceae (Rhodophyta), with emphasis on taxa from the Gulf of Mexico and Panama*. Phycological Society of America Annual Meeting, Honolulu HI, July 18-22. (Abstract in meeting booklet, #P05049, p. 128).
2008. Fredericq S. *Biodiversity of the Marine Red Algae*, University of the Azores, Ponta Delgado, May 14th, 2008. Invited Lecture.
2008. Invited Workshop participant, sponsored by the US National Committee of the Census of Marine Life (CoML), August 15-18, Hawaii Institute of Marine Biology, Kaneohe Bay, Oahu, Hawaii
2008. Fredericq S. *Kylin Revisited: A Revised Classification of the Red Algae*. XVIII International seaweed symposium, June 20-25, Bergen, Norway. Invited Symposium Speaker (Abstract)
2003. Ehrenhaus C. & S. Fredericq. *Redefining the genus Chondria Agardh: a systematic and morphological approach*. Phycological Society of America Annual Meeting, New Orleans LA, July 27-30 (Abstract in meeting in booklet, #10, p. 22).
2008. Cho T.O., Won B.Y. & Fredericq S. 2008. *Phylogeny and Systematics of Ceramiaceae (Ceramiales, Rhodophyta) with a focus on Ceramieae*. VIII Congreso de Ficología de América Latina y el Caribe. Aug. 25-29. Lima, Peru. (Oral)
2008. Won B.Y., Cho T.O. & Fredericq S. *A morphological and taxonomic revision of Spyridia species with uncinata spines*. May 22-23. The 22th Annual meeting of the Korean Society of Phycology. Pusan, South Korea. Abstract # PA-2. p36. (Poster)
2008. Cho T.O., Kim K. Yates & Fredericq S. 2008. *Characterization and attachment modes of macroalgal epiphytes on seagrasses, Thalassia testudinum and Syringodium filiforme, in Tampa Bay, Florida*. May 22-23. The 22th Annual meeting of the Korean Society of Phycology. Pusan, South Korea. Abstract # PA-3. p37. (Poster)
2008. Gabriela D., Schils T., Neto A. & S. Fredericq. *The correct identity of the species going under the name Schizymenia dubyi (Schizymeniaceae, Rhodophyta) in the Azores, based on molecular and morphological evidence*. Phycological Society of America Annual Meeting, New Orleans LA, July 27-30. (Abstract in meeting in booklet, #30, p. 32).

2008. Fredericq S., Kravesky D., Schmidt W., Arakaki N., Gavio B., Lin S.M., Gurgel F., Gabriel D., Won B.Y., Cho T.O. E C. Ehrenhaus. *New insights in the red algae of the Gulf of Mexico*. Phycological Society of America Annual Meeting, New Orleans LA, July 27-30. (Abstract in meeting in booklet, #62, p. 69).
2008. Schmidt W. & S. Fredericq. *New taxonomic insights in the red algal order Rhodymeniales*. Phycological Society of America Annual Meeting, New Orleans LA, July 27-30. (Abstract in meeting booklet, #P34, p. 57).
2008. Wysor B., Freshwater D.W., Fredericq S. & J.N. Norris. *A preliminary assessment of macroalgal diversity in Bocas del Toro, Caribbean Panama*. Phycological Society of America Annual Meeting, New Orleans LA, July 27-30. (Abstract in meeting booklet, #P33, p. 57).
2008. Kravesky D. & S. Fredericq. *An experimental elucidation of cell-to-cell communication via pit plugs in the red alga Caloglossa (Harvey) G. Martens (Delesseriaceae, Ceramiales)*. Phycological Society of America Annual Meeting, New Orleans LA, July 27-30. (Abstract in meeting booklet, #P36, p. 58).
2007. Hickerson E., G. P. Schmahl, M. Wicksten, K. Byers, L. Horn, S. Fredericq, S. Cairns, C. Pomory, C. Messing, W. Tunnell, F. Moretzohn & J. Forsythe. *Algae and Invertebrates from deepwater communities in the Northwestern Gulf of Mexico*. NOAA meeting, Galveston TX, Feb. 28.
2007. Cho T.O., Hommersand M.H., Won B.Y. & S. Fredericq. *Phylogeny and generic boundaries of Campylaephora (Rhodophyta, Ceramiales), including Campylaephora californica (Farlow) comb. nov.* NSF PEET VI meeting, Univ. of Georgia, Athens, March (Abstract DSP-12).
2007. Ehrenhaus C. & S. Fredericq. *Haloplegma duperreyi (Ceramiaceae, Rhodophyta) -- the crying game*. NSF PEET VI meeting, Univ. of Georgia, Athens, March, Abstract DSP-09.
2007. Cho T.O. & S. Fredericq. *Two creeping Ceramium species from the Florida Keys: C. reptans sp. nov. and a recircumscription of C. codii (richards) Mazoyer (Ceramiaceae, Rhodophyta)*. NSF PEET VI meeting, Univ. of Georgia, Athens, March (Abstract DSP-10).
2007. Cho T.O., Won B.Y. & S. Fredericq. *Are Antithamnion pectinatum, Centroceras clavulatum and Spyridia filamentosa (Ceramiaceae, Rhodophyta) cosmopolitan red algal species?* NSF PEET VI meeting, Univ. of Georgia, Athens, March (Abstract DSP-11).
2007. Kravesky D. & S. Fredericq. *Taxonomic reassessment of the Caloglossa leprieurii-complex (Delesseriaceae, Ceramiales)*. NSF PEET VI meeting, Univ. of Georgia, Athens, March (Abstract DSP-13).
2007. Gabriel D., Fredericq S., Gavio B. & A. Neto. *The Order Nemastomatales (Rhodophyta) in the Azores and Gulf of Mexico*. The XIX International Seaweed Symposium, 26-31 March, Kobe, Japan (Abstract # 132, p.108 in booklet of abstracts).
2007. Gabriel D., Parente M. I., Neto A. I. & S. Fredericq. *Phylogenetic appraisal of the genus Platoma (Nemastomatales, Rhodophyta), including life history and morphological observations on P. cyclocolpum from the Azores*. The IV European Phycological Meeting, 22-27 July, Oviedo, Spain (Abstract # P1Ma15, p.91 in booklet of abstracts).
2007. B.Y. Won, T.O. Cho & S. Fredericq. *Are Antithamnion pectinatum, Centroceras clavulatum and Spyridia filamentosa (Rhodophyta) cosmopolitan red algal*

- species?* The 61st Annual Meeting of the Phycological Society of America, 5-9 August, Warwick, RI, USA (Abstract # 9, p.37 in booklet of abstracts).
2007. Krayesky D. M., Norris J., West J. & S. Fredericq S. *Taxonomic reassessment of the Caloglossa lepriurii-complex (Delesseriaceae, Rhodophyta), and experimental elucidation of the function of pit connections.* The 61st Annual Meeting of the Phycological Society of America, 5-9 August, Warwick, RI, USA (abstract # 16, p.40 in booklet of abstracts).
2007. Gabriel D., Parente M. I., Neto A. I. & S. Fredericq. *The red algal order Nemastomatales: new insights in the life history, morphology, phylogeny and biogeography of pertinent taxa.* The 61st Annual Meeting of the Phycological Society of America, 5-9 August, Warwick, RI, USA (Abstract # 73, p.64 in booklet of abstracts)
2007. Cho T.O. & S. Fredericq. *Plylogenetic relationship of various Ceramium (Ceramiaceae, Rhodophyta) from North Pacific inferred from rbcL DNA sequence data.* The 61st Annual Meeting of the Phycological Society of America, 5-9 August, Warwick, RI, USA (Abstract # 162, p.102 in booklet of abstracts).
2007. Leon-Cisneros K., D. Gabriel, A.I. Neto, S. Fredericq & R. Riosmena-Rodriguez. *Molecular characterization of the red algal genus Scinaia (Scinaiaceae, Nemaliales) from the Azorean Archipelago with morphological observations on S. interrupta.* The 61st Annual Meeting of the Phycological Society of America, 5-9 August, Warwick, RI, USA (Abstract # 167, p.104 in booklet of abstracts).
2007. Ehrenhaus C. & S. Fredericq. *The genus Chondria (Rhodomelaceae, Ceramiales) in the Gulf of Mexico.* The 61st Annual Meeting of the Phycological Society of America 5-9 August, Warwick, RI, USA (Abstract # 188, p.112 in booklet of abstracts).
2007. Gabriel D., S. Fredericq & A.I. Neto. *Predaea and its allies, with focus on taxa from the Gulf of Mexico.* 29th Annual Southeastern Phycological Colloquy, Dauphin I. AL, 26-27 Oct.
2007. Ehrenhaus C. & S. Fredericq. *Show me your tips and I'll tell you what you are.* 29th Annual Southeastern Phycological Colloquy, Dauphin I. AL, 26-27 Oct.
2007. Arakaki N. & S. Fredericq. *Red blades from the Gulf of Mexico.* 29th Annual Southeastern Phycological Colloquy, Dauphin I. AL, 26-27 Oct. 2007.
2007. Fredericq S., N. Arakaki, T.O. Cho, C. Ehrenhaus, D. Gabriel, A. Hamill, E. Hickerson, D. Krayesky, W. Schmidt & B.Y. Won. *New macroalgal findings in the Gulf of Mexico.* 29th Annual Southeastern Phycological Colloquy, Dauphin I. AL, 26-27 Oct.
2007. Krayesky D.M., J. Norris & S. Fredericq. *Clarification of the red algal genus Peyssonnelia in the Gulf of Mexico, with a proposal for a new order based on the Peyssonneliaceae.* 29th Annual Southeastern Phycological Colloquy, Dauphin I. AL, 26-27 Oct.
2007. Schmidt W. & S. Fredericq. *New insights in the red algal order Rhodymeniales, with special emphasis on taxa from the Gulf of Mexico.* 29th Annual Southeastern Phycological Colloquy, Dauphin I. AL, 26-27 Oct.
2007. Cho T.O., Won B.Y., M.M. Hommersand & Fredericq S. *Phylogeny and generic boundaries of Campylaephora (Ceramiaceae, Rhodophyta) including Campylaephora californica (Farlow) comb. nov.* May 10-12. The 21th Annual meeting of the Korean Society of Phycology. Yesu, South Korea. Abstract # O-10. p66. (Oral)

2006. Cho T.O., M.H. Hommersand M. & S. Fredericq. *Phylogeny and distribution of the red algal genus Campylaephora (Ceramiaceae, Ceramiales), including the transfer of Microcladia California to the genus Campylaephora*. 60th Annual Meeting, Phycological Society of America, 6-12, July, 2006, Juneau, AK, USA (Abstract # 55, p. 47 in booklet of abstracts).
2006. Gabriel D., Fredericq S., B. Gavio & A. Neto. *The Order Nemastomatales (Rhodophyta) in the Azores and Gulf of Mexico*. In Symposium "Biogeography", Ponta Delgada Açores – Portugal, 6-9 June.
2006. Cho T.O. Won B.Y., Yates K.K. & S. Fredericq. *The identity of two new Ceramium species (Ceramiaceae, Ceramiales) from west and east Florida as inferred from molecular and morphological data*. 60th Annual Meeting Phycological Society of America, 6-12 July, 2006, Juneau, AK. ABSTRACT # 131, p. 77 in booklet of abstracts.
2005. Hommersand M.H., S. Fredericq & S. Thrainnson. *Morphology, phylogenetics, systematics and biogeography of the Cystocloniaceae (Gigartinales, Rhodophyta)*. 27th Annual Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 4-6.
2005. Won B.Y., Cho T.O. & S. Fredericq. *Are Antithamnion pectinatum, Centroceras clavulatum and Spyridia filamentosa (Ceramiaceae, Rhodophyta) cosmopolitan red algal species?* 27th Annual Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 4-6.
2005. Gavio B., Schmidt W., Gabriel D., Gurgel F., Cho T.O., Viguerie M., Hickerson E. & S. Fredericq. *New macroalgal findings in the Gulf of Mexico*. 27th Annual Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 4-6.
2005. Gurgel C.F., Y. Yoneshugue-Valentin, S. Fredericq. *Two new species of flat Gracilaria (Rhodophyta) from Brazil: G. abyssalis and G. brasiliensis*. 27th Annual Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 4-6.
2005. Ehrenhaus C. & S. Fredericq. *Haloplegma duperreyi: preliminary results*. 27th Annual Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 4-6.
2005. Gavio B., Schmidt W., Gabriel D., Gurgel F., Cho T.O., Viguerie M., Hickerson E. & S. Fredericq. *New macroalgal findings in the Gulf of Mexico*. NSF-DFG Biodiversity Conference, AAUS, Washington DC, Nov. 6-9.
2005. Won B.Y., T.O. Cho & S. Fredericq. *Are Antithamnion pectinatum, Centroceras clavulatum and Spyridia filamentosa (Ceramiaceae, Rhodophyta) cosmopolitan red algal species?* NSF-DFG Biodiversity Conference, AAUS, Washington D.C., Nov. 6-9.
2005. Cho T.O. & S. Fredericq. *Two new candidate creeping Ceramium species (Ceramiaceae, Rhodophyta) from the Florida Keys, USA*. NSF-DFG Biodiversity Conference, AAUS, Washington D.C., Nov. 6-9.
2005. Won B.Y., T.O. Cho, S. Fredericq & K. Yates. *New insights in the diversity of red algae belonging to the Ceramiaceae (Ceramiales) growing epiphytically on seagrasses in Tampa Bay*. Gulf of Mexico Integrated Science-Tampa Bay Study 4th Annual Science Conference, Feb 8-9, Gulfport, FL (Abstract p. 16 in booklet).
2005. Yates K., S. Fredericq, C. Dawes, M. Fernandez, R. Miller, J. Lisle & P. Swarzenski. *Productivity of benthic habitats in Tampa Bay. Gulf of Mexico Integrated Science-Tampa Bay Study*. 4th Annual Science Conference, Feb 8-9, Gulfport, FL (Abstract p. 17 in booklet).
2005. Lin S.-M., M.H. Hommersand & S. Fredericq. *Molecular systematics and biogeography of Martensia (Delesseriaceae, Rhodophyta)*. 2005. 8th Intern.

- Phycological Congress, Durban, South Africa, 13-19 Aug. (Abstract #149, p. 62, in *Phycologia* 44(4), suppl.).
2005. Cho T.O. & S. Fredericq. *Two new candidate creeping Ceramium species (Ceramiaceae, Rhodophyta) from the Florida Keys, USA*. 8th Intern. Phycological Congress, Durban, South Africa, 13-19 Aug. (Abstract #45, p. 19, in *Phycologia* 44(4), suppl.).
2005. Fredericq S., D.W. Freshwater, J.M. Lopez-Bautista, B. Gavio. J.N. Norris & M.H. Hommersand. *A revised classification of the red algae centered around Kylin's Gigartinales and Cryptonemiales*. 8th Intern. Phycological Congress, Durban, South Africa, 13-19 Aug. (Abstract #80, p. 34, in *Phycologia* 44(4), suppl. Mini Symposium Speaker).
2005. Hommersand M.H., S. Fredericq & S. Thrainsson. *Morphology, phylogenetics, systematics and biogeography of the Cystocloniaceae (Gigartinales, Rhodophyta)*. 8th Intern. Phycological Congress, Durban, South Africa, 13-19 Aug. (abstract #109, p. 46, in *Phycologia* 44(4), suppl. Mini Symposium Speaker).
2005. Won B.Y., T.O. Cho & S. Fredericq. *Spyridia filamentosa (Ceramiaceae, Rhodophyta): a cosmopolitan red algal species?* 8th Intern. Phycological Congress, Durban, South Africa, 13-19 Aug. (abstract #269, p. 112, in *Phycologia* 44(4), suppl.).
2004. Cho T.O., S. Fredericq & K. Yates. *Towards the production of a photographic guide of macroalgal seagrass epiphytes in Tampa Bay, FL*. Tampa Bay Study – 3rd Annual Science Conference, St. Petersburg FL, Jan. 30th. (Abstract).
2004. Cho T.O., B.Y. Won, C.F. Gurgel, S. Fredericq & K. Yates]. *Comparative DNA sequence analyses and morphological evidence reveal a diverse marine red algal flora in Tampa Bay, FL*. Tampa Bay Study – 3rd Annual Science Conference, St. Petersburg FL, Jan. 30th. (Abstract).
2005. 2004. Yates K., C. Dawes, S. Fredericq, M. Fernandez, R. Miller & J. Lisle. *Productivity of benthic habitats in Tampa Bay*. Tampa Bay Study – 3rd Annual Science Conference, St. Petersburg FL, Jan. 30th. (Abstract).
2004. Gurgel C.F.D, Hau L.N., Cho T.O. & S. Fredericq. *Global systematics of the genus Gracilaria sensu lato (Gracilariaceae, Rhodophyta) based on rbcL sequence analysis: new taxonomic developments*. XVIII International Seaweed Symposium, June 20-25, Bergen, Norway. (Abstract).
2004. Hommersand M.H., Freshwater D.W., Cho T.O. & S. Fredericq. *The Ptiloteae (Ceramiaceae, Rhodophyta) in the North Pacific and North Atlantic Oceans*. XVIII International Seaweed Symposium, June 20-25, Bergen, Norway. (Abstract).
2004. Cho T.O., B.Y. Won, C.F. Gurgel, S. Fredericq & K. Yates. *Diversity of macroalgal epiphytes on Thalassia and Syringodium in Tampa Bay, Florida*. Tampa Bay Study - 3rd Annual Science Conference, Jan. 30th. (Abstract # in book of abstracts).
2004. Cho T.O., S. Fredericq & K. Yates. *Towards the production of a photographic guide of macroalgal seagrass epiphytes in Tampa Bay, Florida*. Tampa Bay Study - 3rd Annual Science Conference, Jan. 30th. (Abstract p. 34 in booklet of abstracts).
2004. Yates K., C. Dawes, S. Fredericq, M. Fernandez, R. Miller & J. Lisle. *Productivity of benthic habitats in Tampa Bay*. Tampa Bay Study - 3rd Annual Science Conference, Jan. 30th. (Abstract p. 34 in booklet of abstracts).
2004. De Clerck O., S. Fredericq, B. Gavio & E. Coppejans. *Diversity in Grateloupia filicina (Halymeniales, Rhodophyta) with special emphasis on cryptic diversity in*

- the Atlantic Ocean*. 58th Annual Meeting, Phycological Society of America, 6-12 Aug., Williamsburg VA. (abstract #23, p. 27 in booklet of abstracts).
2004. Won B.Y., T.O. Cho & S. Fredericq. *Centroceras clavulatum (Ceramiaceae, Rhodophyta): a cosmopolitan red algal species?* 58th Annual Meeting, Phycological Society of America, 6-12 Aug., Williamsburg VA. ABSTRACT #24, p. 28 in booklet of abstracts.
2004. Cho T.O., B.Y. Won & S. Fredericq. *Antithamnion nipponicum Yamada & Inagaki (Ceramiaceae, Rhodophyta) is a recent introduction along the coast of North Carolina and the correct name of the species known as A. hubbsii in Pacific North America and A. pectinatum in western Europe*. 58th Annual Meeting, Phycological Society of America, 6-12 Aug., Williamsburg VA. (Abstract #25, p. 28 in booklet of abstracts).
2004. Cho T.O., S. Fredericq & K. Yates. *Towards the production of a photographic guide of macroalgal seagrass epiphytes in Tampa Bay, Florida*. 58th Annual Meeting, Phycological Society of America, 6-12 Aug., Williamsburg VA. (Abstract #69, p. 43 in booklet of abstracts).
2004. Cho T.O., B.Y. Won, F. Gurgel, S. Fredericq & K. Yates. *Comparative DNA sequence analyses and morphological evidence reveal a diverse marine red algal flora in Tampa Bay, Florida*. 58th Annual Meeting, Phycological Society of America, 6-12 Aug., Williamsburg VA. (Abstract #70, p. 43 in booklet of abstracts (poster)).
2004. Cho T.O., B.Y. Won & S. Fredericq. *Antithamnion nipponicum Yamada & Inagaki (Ceramiaceae, Rhodophyta) is a recent invader along the coast of North Carolina*. NSF PEET V- Fifth Biennial Conference, Sept. 20-23, Univ. of Illinois at Urbana-Champaign (Abstract p. 48 in booklet of abstracts).
2004. Won B.Y., T.O. Cho & S. Fredericq. *Centroceras clavulatum (Ceramiaceae, Rhodophyta): a cosmopolitan red algal species?* NSF PEET V- Fifth Biennial Conference, Sept. 20-23, Univ. of Illinois at Urbana-Champaign (Abstract p. 50 in booklet of abstracts).
2004. Hommersand M.H., Freshwater D.W., Cho T.O. & S. Fredericq. *The Ptiloteae (Ceramiaceae, Rhodophyta) in the North Pacific and North Atlantic Oceans*. NSF PEET V- Fifth Biennial Conference, Sept. 20-23, Univ. of Illinois at Urbana-Champaign (Abstract p. 49 in booklet of abstracts).
2003. López J., R. Chapman, S. Fredericq & D. Waters. *Overview of the evaluation of oil and gas platforms on the Louisiana Continental Shelf for organisms with Biotechnology Potential: macroalgae*. 22nd Information Transfer Meeting (ITM), Gulf of Mexico Outer Continental Shelf (OCS) Region of the Minerals Management Service (MMS), Kenner LA, 14-16 Jan.
2003. Gurgel C.F.D, S. Fredericq & J.N. Norris. *Systematics of Hydropuntia Montagne (Gracilariaceae, Gracilariales, Rhodophyta) based on comparative morphology and rbcL sequence analysis*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #45).
2003. Lopez-Bautista J. & S. Fredericq. *The Phyllophoraceae (Gigartinales, Rhodophyta): a revision of generic concepts*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #79).
2003. Schmidt W., D. Krayesky, R.C. Brown, B.E. Lemmon & S. Fredericq. *Preliminary results of cytoskeletal components in various red algae using confocal laser scanning microscopy*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #110).
2003. Cho T.O., S. Fredericq, M.H. Hommersand & S.M. Boo. *Proposal of a new red algal genus in the Ceramiaceae (Ceramiaceae, Ceramiales)*. 57th Annual Meeting

- Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #17).
2003. López-Bautista J.M., D.A. Waters, S. Fredericq & R.L. Chapman. *Marine algae from the oil/gas platforms in the northwestern Gulf of Mexico*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #147).
2003. Fredericq S., T.O. Cho, B. Gavio, C.F. Gurgel, D. Krayesky, S.M. Lin, J. López-Bautista, N. Phillips, W. Schmidt, B.Y. Won & B. Wysor. *Characterization of the northwestern Gulf of Mexico macroalgae*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #148).
2003. Krayesky D.M. & S. Fredericq. *Preliminary observations on the identity of the red algal genus Caloglossa (Delesseriaceae, Ceramiales) in the northwestern Gulf of Mexico*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #68).
2003. Won B.Y., T.O. Cho & S. Fredericq. *Phylogenetic relationships within Centroceras Kützting (Ceramiaceae, Rhodophyta)*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #133).
2003. Cho T.O., S. Fredericq & K. Yates. *Diversity of macroalgal epiphytes on Thalassia and Syringodium in Tampa Bay, Florida*. 57th Annual Meeting Phycological Society of America, Gleneden Beach, OR, June 14-19 (Abstract #176).
2003. Fredericq S. & J. Lopez-Bautista. *Generic concepts in the Phyllophoraceae (Gigartinales, Rhodophyta)*. The 3d European Phycological Congress, Queen's University, Belfast, Northern Ireland UK, 21-26 July (Abstract M4-9; Minisymposium).
2003. Waters D.A, López-Bautista J.M., S. Fredericq, R.L. Chapman. *The algae of oil and gas platforms in the Gulf of Mexico – a digital resource*. The 3d European Phycological Congress, Queen's University, Belfast, Northern Ireland UK, 21-26 July (Abstract #P5-19).
2006. López-Bautista J.M., S. Fredericq, R.L. Chapman & D.A. Waters *Macroalgae and platforms in Louisiana*. The 3d European Phycological Congress, Queen's University, Belfast, Northern Ireland UK, 21-26 July 2003 (Abstract #P5-17).
2003. Krayesky D.M. & S. Fredericq. *Observations on the red algal genus Caloglossa (Harvey) G. Martens in the Northwestern Gulf of Mexico*. 25th Southeastern Phycological Colloquy, Duke University Marine Lab, Beaufort NC, Oct. 24-26.
2003. W.E. Schmidt, D. Krayesky, R.C. Brown, B. Lemmon & S. Fredericq. *Developmental studies in red algae: preliminary results*. 25th Southeastern Phycological Colloquy, Duke University Marine Lab, Beaufort NC, Oct. 24-26.
2003. Cho T.O., S.M. Boo, M. Hommersand & S. Fredericq. *The Ceramium flaccidum complex (Ceramiaceae: Rhodophyta): new insights*. 25th Southeastern Phycological Colloquy, Duke University Marine Lab, Beaufort NC, Oct. 24-26.
2003. Won B.Y., T.O. Cho & S. Fredericq. *Centroceras clavulatum (Ceramiaceae, Rhodophyta); a cosmopolitan species?* 25th Southeastern Phycological Colloquy, Duke University Marine Lab, Beaufort NC, Oct. 24-26.
2003. Fredericq S., B. Gavio, C.F. Gurgel, B. Wysor, S.M. Lin, N. Phillips, D. Krayesky, W. Schmidt, M. Viguerie, J.N. Norris & E. Hickerson. *A survey of the offshore seaweeds from the NW Gulf of Mexico*. 25th Southeastern Phycological Colloquy, Duke University Marine Lab, Beaufort NC, Oct. 24-26.
2003. Cho T.O., S. Fredericq & K. Yates Towards the production of a photographic guide of macroalgal seagrass epiphytes in Tampa Bay, FL. BASIS 4 Tampa Bay Conference, St. Petersburg FL, Oct. 27-29. (Abstract).

2003. Cho T.O., B.Y. Won, C.F. Gurgel, S. Fredericq & K. Yates. *Comparative DNA sequence analyses and morphological evidence reveal a diverse marine red algal flora in Tampa Bay, FL*. BASIS 4 Tampa Bay Conference, St. Petersburg FL, Oct. 27-29. (Abstract).
2003. Kravesky D. & S. Fredericq. *Characterization of bostrychietum mangrove algae based on morphological and molecular evidence: the red algal genus Caloglossa (Delesseriaceae, Ceramiales)*. Twin Cays Mangrove Conference, Ft. Pierce, FL, Dec. 14-17. (Abstract).
2002. Gurgel C.F.D. & S. Fredericq. *Phylogeny and Biogeography of the Gracilariaceae (Gracilariales, Rhodophyta)*. IX Reunião Brasileira de Ficologia. Santa Cruz – Aracruz, ES, Brazil, March 2nd - 6th (Abstract p. 261).
2002. Fujii M.T., S.M.P.B. Guimarães & S. Fredericq. *Caracterização e afinidades filogenéticas da alga vermelha Chondrophyucus flagellifera (Ceramiales, Rhodophyta) do Brasil, baseadas em evidências morfológicas e moleculares*. IX Reunião Brasileira de Ficologia. Santa Cruz – Aracruz, ES, Brazil, March 2nd - 6th (Abstract p. 253).
2002. Hommersand M.H., L. Liao, F. Gurgel & S. Fredericq. *The correct name for the plant known as Gracilariopsis lemaneiformis from Pacific North America*. 16th Northwest Algal Symposium, Humboldt State University, May 24.
2002. Hommersand M.J., S. Fredericq & D.W. Freshwater. *Classification of the red algal family Ceramiaceae at the subfamily and tribal levels*. 3rd Asian Pacific Phycological Forum in Tsukuba, Japan, July 19-24. Invited Symposium Participant (Abstract: S11-5 of abstract book).
2002. Gavio B. & S. Fredericq. *Grateloupia turuturu (Halymeniaceae, Rhodophyta): the correct identity of the invasive species in the Atlantic known as Grateloupia doryphora as inferred from molecular and morphological evidence*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 339 p. 86).
2002. Cho T., S. Fredericq, S.N. Murray & S.M. Boo. *New systematic insights in the Ceramium sinicola complex: resurrection of C. interruptum S. & G. (Ceramiales, Rhodophyta)*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 275, p.70).
2002. Fredericq S., J. Lopez-Bautista & R.L. Moe. *New insights in the systematics of the Phyllophoraceae (Gigartinales, Rhodophyta)*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 2-7 (Abstract # 339, p. 86).
2002. Lin S.M., S. Fredericq & M.H. Hommersand. *Recognition of a new tribe, the Apoglosseae trib. nov. (Delesseriaceae, Rhodophyta) based on two molecular datasets and postfertilization development*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 306, p. 78).
2002. Gurgel C.F. & S. Fredericq. *Three new species of Gracilariopsis (Gracilariales, Rhodophyta) from the Northwestern Atlantic*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 340, p. 86-87).
2002. Lopez-Bautista J., S. Fredericq, S.C. Lindstrom, W. Nelson & M.E. Ramírez. *Characterization and position of the genus Stenogramme in the Phyllophoraceae (Gigartinales, Rhodophyta)*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 307, p. 78).
2002. Lopez-Bautista J., S. Fredericq, R.L. Chapman & D.A. Waters. *Biodiversity and potential use of marine macroalgae from the offshore platforms in the Gulf of*

- Mexico*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 349, p. 89)
2002. Cho T.O., S. Fredericq & K. Yates. *Characterization of macroalgal epiphytes on Thalassia testudinum in Tampa Bay, Florida*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 4-7 (Abstract # 331, p. 85).
2002. Fredericq S., Cho T.O., Gavio B., Gurgel C.F., Hickerson E., Lin S.M., Lopez-Bautista J., Phillips N., Viguerie M. & B. Wysor. *A survey of the offshore marine algae from the northwestern Gulf of Mexico Hard Bank Communities: a survey*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 2-7 (Abstract # 338 p. 86).
2002. Gurgel, C.F.D. & S. Fredericq. *Phylogeny of the Gracilariaceae (Gracilariales, Rhodophyta) inferred from rbcL sequence analysis: taxonomic implications*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 2-7 (Abstract, p. 74).
2002. Wysor, B., Kooistra, W.H.C.F. & S. Fredericq. *Comparative phylogeography of reticulate Cladophoralean algae*. Botany 2002 & Annual Meeting Phycological Society America, Madison Wisconsin, Aug. 2-7 (Abstract, # 360 p. 91).
2002. Cho T.O., S. Fredericq & K. Yates. *Characterization of macroalgal epiphytes on Thalassia testudinum and Syringodium filiforme in Tampa Bay, Florida*. 2nd Annual Science Conference, St. Petersburg, FL., 19 Sept.
2002. Yates K, P. Swarzenski, M. Fernandez, R. Miller, C. Kellogg, S. Fredericq & C. Dawes. *Productivity of benthic habitats in Tampa Bay*. USGS Gulf of Mexico Estuaries Integrated Science Tampa Bay Pilot Study, 2nd Annual Science Conference, St. Petersburg, FL., 19 Sept.
2002. Cho T.O., S. Fredericq, S.N. Murray & S.M. Boo. *The Ceramium sinicola complex: Resurrection of C. interruptum S. & G. (Ceramiaceae, Rhodophyta)*. 24th Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 1 – 3.
2002. Cho, T.O., S. Fredericq & K. Yates. *Macroalgal epiphyte diversity on Thalassia and Syringodium in Tampa Bay, Florida*. 24th Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 1 – 3.
2002. Fredericq S., B. Gavio, T.O. Cho, C.F.Gurgel, S.M. Lin, J. Lopez-Bautista, J.N. Norris, N. Phillips, D. Kraysky, W. Schmidt, M. Viguerie, B. Wysor. *The offshore marine macroalgae from the NW Gulf of Mexico: A Survey*. 24th Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Florida, Nov. 1 – 3.
2001. Fredericq S., R.J. Anderson & J. Lopez-Bautista. *Systematic circumscription of some Phyllophoraceae (Gigartinales, Rhodophyta) from the Cape region, South Africa, based on morphological and molecular evidence*. XVIIth International Seaweed Symposium Cape Town 2001. Cape Town, South Africa, 28 Jan. – 2 Feb. (Abstract, *Proceedings XVIIth ISS*, p. 40, nr. 1.2.3).
2001. Hommersand M.H. & S. Fredericq. *Biogeography of the red seaweeds of the South African west coast: a molecular approach*. In Minisymposium Biogeography of the seaweeds of southern Africa. XVIIth International Seaweed Symposium, Cape Town, South Africa, 28 Jan.-2 Feb. 2001. Invited Symposium Participant (Abstract, *Proceedings XVIIth ISS*, p. 69, nr. M4.4).
2001. Fredericq S. *Phylogeny, biogeography and life history evolution in the marine red algal family Phyllophoraceae (Gigartinales, Rhodophyta)*. Dept. Biology, Loyola University, New Orleans LA, 17 April. Invited Departmental Seminar Speaker.

2001. Fredericq S. *Assessing the evolutionary and biogeographic relationships of marine red algae based on morphological and molecular evidence*. Dauphin Island Marine Laboratory, Alabama, 3 July 2001. Invited Speaker for Summer Class (Marine Biology).
2001. Chapman R.L., J.M. Lopez-Bautista, S. Fredericq & D. A. Waters. *The biotech potential of algae colonizing oil and gas platform substructures in the Gulf of Mexico: risks and rewards*. Annual Meeting, Botanical Society of America, Albuquerque, NM, 12-16 Aug. (Abstract).
2001. Hommersand M. & S. Fredericq. *Euptiloteae, a new tribe primarily from the southern hemisphere (subfam. Callithamnioideae Itono, Ceramiaceae, Rhodophyta)*. International Phycological Congress, Thessaloniki, Greece, Aug. 18-25 (Abstract, *Phycologia* 40(4) Suppl., nr, 69, p. 22).
2001. Waters D., J. Lopez-Bautista, S. Fredericq, R.L. Chapman. *Algae on offshore oil platforms in the Gulf of Mexico: biodiversity and biotechnology*. International Phycological Congress, Thessaloniki, Greece, Aug. 18-25 (Abstract, *Phycologia* 40(4) Suppl., nr, 375, pp. 115-116).
2001. Gavio B. & S. Fredericq. *Phylogeny and biogeography of the Halymeniales-Rhodymeniales complex (Rhodophyta) with emphasis on the Gulf of Mexico*. International Phycological Congress, Thessaloniki, Greece, Aug. 18-25 (Abstract, *Phycologia* 40(4) Suppl., nr, 163, p. 51).
2001. Gurgel C. F., S. Fredericq & J.N. Norris. *Phylogeny, taxonomy and biogeography of the Gracilariaceae (Gracilariales, Rhodophyta) with emphasis on the taxa from the Western Atlantic Ocean*. International Phycological Congress, Thessaloniki, Greece, Aug. 18-25 (Abstract, *Phycologia* 40(4) Suppl., nr. 66., p. 21).
2001. Phillips N., S. Fredericq, F. Gurgel, B. Gavio, B. Wysor, S.-M. Lin, J. Lopez-Bautista & E. Hickerson. *Documentation of macroalgal diversity and algal community structure in the Northwestern Gulf of Mexico hard banks communities*. International Phycological Congress, Thessaloniki, Greece, Aug. 18-25 (Abstract, *Phycologia* 40(4) Suppl., nr. 93, pp. 29-30).
2001. Lopez-Bautista J. & S. Fredericq. *Systematics, life history, and biogeography of the red algal family Phyllophoraceae (Gigartinales)*. International Phycological Congress, Thessaloniki, Greece, Aug. 18-25 (Abstract, *Phycologia* 40(4) Suppl., nr. 247, p. 76).
2001. Fredericq S. & J. Lopez-Bautista. *Characterization and position of the genus Stenogramme in the Phyllophoraceae (Gigartinales, Rhodophyta)*. 23rd Annual Southeastern Phycological Colloquy, Wilmington NC, Oct. 12-14.
2001. Fredericq S., B. Gavio, F. Gurgel, S.M. Lin, J. Lopez-Bautista, N. Phillips, F. Rita, B. Wysor, R. Chapman & D. Waters. *The deepwater marine macroalgal flora off Louisiana*. 23rd Annual Southeastern Phycological Colloquy, Wilmington NC, Oct. 12-14.
2001. Gurgel F. & S. Fredericq. *Phylogenetic position and distribution range of Gracilaria tikvahiae McLachlan (Gracilariaceae, Gracilariales)*. 23rd Annual Southeastern Phycological Colloquy, Wilmington NC, Oct. 12-14.
2001. Wysor B. & S. Fredericq. *Biogeography of Phyllocladon anastomosans with emphasis on the relationship between specimens separated by the isthmus of Panama*. 23rd Annual Southeastern Phycological Colloquy, Wilmington NC, Oct. 12-14.
2000. Fredericq S., N. Phillips, B. Gavio, C.F. Gurgel, S.-M. Lin & B. Wysor. *Characterization and biogeographic affinities of the offshore algae from the northwestern Gulf of Mexico hard bank communities*. Gulf of Mexico Symposium 2000, April 9-12, Mobile, Alabama.

2000. Gurgel C.F. & S. Fredericq. *Characterization and biogeographic affinities of the red algal genus Gracilaria (Gracilariales) in the Gulf of Mexico*. Gulf of Mexico Symposium 2000, April 9-11, Mobile, Alabama.
2000. Phillips N. & S. Fredericq. *Molecular biogeographic and phylogenetic analysis of the brown algal genus Sargassum (Sargassaceae, Fucales) in the Gulf of Mexico*. Gulf of Mexico Symposium 2000, April 9-12, Mobile, Alabama.
2000. Gavio B. & S. Fredericq. *Characterization of the marine red algal Rhodymeniales-Halymeniales complex from the Gulf of Mexico based on molecular and morphological evidence*. Gulf of Mexico Symposium 2000, April 9-12, 2000, Mobile, Alabama.
2000. Fredericq S., N. Phillips, B. Gavio, C.F. Gurgel, S.M. Lin, B. Wysor & J. Lopez-Bautista. *Characterization of the offshore marine macro-algae from the Northwestern Gulf of Mexico hard bank communities*. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA (Abstract *J. Phycology* Suppl. 36 (3): 68).
2000. Gurgel C.F., S. Fredericq & J.N. Norris. *Gracilaria from the Gulf of Mexico, with special emphasis on G. tikvahiae based on two molecular data sets*. 54th Annual Meeting, Phycological Society of America, July 15-19 2000, San Diego, CA (Abstract, *J. Phycol. Suppl.* 36 (3): 81).
2000. Phillips N. & S. Fredericq. *Global systematic and phylogenetic analysis of Sargassum in the Gulf of Mexico, Caribbean and Pacific Basin*. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA (Abstract, *J. Phycol. Suppl.* 36 (3): 164).
2000. Wysor B., W.H. Kooistra & S. Fredericq. *Marine macroalgal diversity in the Republic of Panama*. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA (Abstract, *J. Phycol. Suppl.* 36(3): 213).
2000. Lin S.M., S. Fredericq & M.H. Hommersand. *Phylogenetic and taxonomic reassessment of the Delesseriaceae (Ceramiales, Rhodophyta) based on two molecular data sets*. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA (Abstract, *J. Phycol. Suppl.* 36 (3): 131).
2000. Gavio B., S. Fredericq, C. Mendoza Gonzalez, L. Mateo Cid, L.E. Aguilar Rosas & R. Aguilar Rosas. *Phylogenetic and biogeographic affinities of the Halymeniales and Rhodymeniales (Rhodophyta) from the Gulf of Mexico*. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA (Abstract, *J. Phycol. Suppl.* 36 (3): 72).
2000. Teasdale B.W., S.C. Lindstrom, S. Fredericq, C.D. Neefus, A.C. Mathieson, H. Taylor, A.L. West, S.T. Mercado, N. Piche & A.S. Klein. *Analysis of Porphyra rbcL demonstrates multiple migrations occurred between the North Atlantic and North Pacific*. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA (Abstract, *J. Phycol. Suppl.* 36 (3): 194).
2000. Hommersand M.H., S. Fredericq & D.W. Freshwater. *Significance of phylogenetic systematics for the biogeography of the marine red algae* in Symposium Morphology, Phylogeny and Biogeography of the Marine Red Algae. 54th Annual Meeting. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA. Invited Symposium Participant. (Abstract, *J. Phycology* Suppl.36(3): 94).
2000. Fredericq S. & J. Lopez-Bautista. *Phylogeny, biogeography and life history evolution in the red algal family Phyllophoraceae (Gigartinales)* in Symposium Morphology, Phylogeny and Biogeography of the Marine Red Algae. 54th Annual Meeting, Phycological Society of America, July 15-19, San Diego, CA. Invited Symposium Speaker. (Abstract, *J. Phycology* Suppl. 36(3): 67).

1999. Fredericq S. *Molecular systematics of red algae based on DNA sequence analysis: an overview*. Northwest Algal Symposium, May 14-16, Yachats, OR. Invited Plenary Lecture (Abstract).
1999. Lin S.M., S. Fredericq & M.H Hommersand. *Phylogenetic reconstruction of the Delesseriaceae (Ceramiales, Rhodophyta) inferred from two molecular datasets*. XVth International Botanical Congress, St. Louis, MI, 1-7 Aug. (Abstract, *J. Phycol.* suppl 35: 31).
1999. Gavio B. & S. Fredericq. *Preliminary observations on the marine red algal Rhodymeniales-Halymeniales complex from the Gulf of Mexico*. XVth International Botanical Congress, St. Louis, MI, 1-7 Aug. (Abstract, *J. Phycol.* suppl 35: 34).
1999. Gurgel C. F., S. Fredericq & J.N. Norris. *Characterization and biogeographic affinities of the red algal genus Gracilaria (Gracilariales) in the Gulf of Mexico*. XVth International Botanical Congress, St. Louis, MI, 1-7 Aug. (Abstract, *J. Phycol.* suppl 35: 41).
1999. Phillips N. & S. Fredericq. *Biogeographic and phylogenetic investigations of the brown algal genus Sargassum (Fucales) in the Gulf of Mexico*. XVth International Botanical Congress, St. Louis, MI, 1-7 Aug. (Abstract, *J. Phycol.* suppl, 35: 85).
1999. Norris J.N., S. Fredericq & M.H. Hommersand. *Taxonomic position of the marine red alga Flahaultia tegetiformans W.R. Taylor in the Caribbean*. XVth International Botanical Congress, St. Louis, MI, 1-7 Aug. (Abstract, *J. Phycol.* suppl, 35: 82).
1999. Fredericq S., M.H. Hommersand & D.W. Freshwater. *Comparative developmental morphology and molecular systematics of Red Algae based on rbcL sequence analysis* in Symposium *Phylogeny of Red Algae*. International Botanical Congress, St. Louis, MI, 1-7 Aug. (Abstract *J. Phycology* Suppl: 35(3): 31). Invited Symposium Speaker.
1999. Mendoza C., L.E. Cid & S. Fredericq. *New insights in the taxonomy and phylogenetic relationships of some red algae from Mexico*. III Congreso Mexicano de Ficología, La Paz, Baja California, Mexico, October 25-29. Invited Plenary Lecture (Abstract).
1999. Phillips N. & S. Fredericq. *Molecular, biogeographic and phylogenetic analysis of the brown algal genus Sargassum (Sargassaceae, Fucales) in the Gulf of Mexico*. 21st Southeastern Phycological Colloquy, LUMCON, Nov. 5-7.
1999. Gurgel C.F. & S. Fredericq. *Observations on the red algal genus Gracilaria (Gracilariales) in the Gulf of Mexico*. 21st Southeastern Phycological Colloquy, LUMCON, Nov. 5-7.
1999. Hommersand M.H. & S. Fredericq. *A vicariant origin of Tethyan and Pacific Ocean red algal floras on a tectonic Gondwanaland*. 21st Southeastern Phycological Colloquy, LUMCON, Nov. 5-7.
1999. Lin S.M., S. Fredericq & M.H. Hommersand. *Phylogenetic reconstruction of the Delesseriaceae (Ceramiales, Rhodophyta) inferred from two molecular datasets*. 21st Southeastern Phycological Colloquy, LUMCON, Nov. 5-7.
1999. Gavio B. & S. Fredericq. *Preliminary observations on the marine red algal Rhodymeniales-Halymeniales complex from the Gulf of Mexico*. 21st Southeastern Phycological Colloquy, LUMCON, Nov. 5-7.
1999. Fredericq S., M.H. Hommersand & D.W. Freshwater. *Molecular systematics of red algae based on rbcL sequence analysis: an overview*. In Mini-Symposium: Molecular Advances in Phycological Research. Vth Latinamerican Phycological Congress, Puerto Varas, southern Chile, November 21- 24. Invited Symposium Speaker (Abstract).
1998. Hommersand M.H. & S. Fredericq. *The phylogeny and biogeography of the Solieriaceae (Rhodophyta) based on rbcL sequences and morphological evidence*. XVIth Int. Seaweed Symposium, Cebu, Philippines, 12-17 April (Abstract)

1998. Freshwater D.W. & S. Fredericq. *Characteristics of nuclear large-subunit rRNA gene sequences in red algae and their use in phylogenetic studies*. XVIth Int. Seaweed Symposium, Cebu, Philippines, 12-17 April (Abstract)
1998. Lin S.-M. & S. Fredericq. *Phylogeny of the Delesseriaceae (Ceramiales, Rhodophyta): a preliminary study derived from morphological and molecular data*. XVIth Int. Seaweed Symposium, Cebu, Philippines, 12-17 April (Abstract).
1998. Fredericq S. *New Perspectives in the systematics of the red algae*. Invited lecture, Sigma Xi, USL campus, May 1.
1998. Hommersand M.H., S. Fredericq & J. Hughey. *Phylogenetic systematics of the Gigartinaceae based on rbcL sequence analysis and morphological evidence*. Invited Symposium Speaker. Annual PSA meeting, Northern Arizona University, Flagstaff, AZ 3-8 August (Abstract, *J. Phycol.* Suppl. 34: 24-25).
1998. Fredericq S., D.L. Moe & M.E. Ramirez. Taxonomic status of the antarctic red alga *Kallymenia antarctica* Hariot. Annual PSA meeting, Northern Arizona University, Flagstaff, AZ, 3-8 August (Abstract, *J. Phycol.* Suppl. 34: 19)
1998. Lindstrom, A. Candia, W. Nelson & S. Fredericq. *Phylogenetic analysis of rbcL sequence data for Pacific species of Porphyra*. Annual PSA meeting, Northern Arizona University, Flagstaff, AZ, 3-8 August 1998 (Abstract, *J. Phycol.* Suppl. 34: 33-34).
1998. Hommersand M.H. & S. Fredericq. *The phylogeny and biogeography of the Solieriaceae (Rhodophyta) based on rbcL sequence analysis and morphological evidence*. Northwest Algal symposium and Pacific Estuarine research Society Joint meeting, Camp Casey, Whidbey Island, WA, May 29-31 (Abstract).
1998. Lin S.M. & S. Fredericq. *Preliminary phylogeny of the marine red algal family Delesseriaceae (Ceramiales, Rhodophyta)*. 52nd Annual PSA meeting, Northern Arizona University, Flagstaff, AZ, 3-8 Aug. (Abstract, *J. Phycol.* suppl. 34: 33).
1997. Ramirez M.E & S. Fredericq. *Taxonomic placement of Kallymenia antarctica* Hariot. International Workshop Investigacion biological marina en el area del Magallanes en relacion con la Antartida, Univ. de Magallanes, Punta Arenas, Chile, April 11-16 (abstract).
1997. Hommersand M.H. & S. Fredericq. *The Phylogeny and biogeography of the Solieriaceae (Rhodophyta) based on rbcL sequences and morphological evidence*. XVIth Int. Seaweed Symposium, Cebu, Philippines, 12-17 April 1997. Invited Symposium speaker (Abstract).
1997. Fredericq S. *New perspectives in the systematics of the Gigartinales, a large order of marine red algae*, Department of Biology, Louisiana State University, Baton Rouge, LA, April 11.
1997. Fredericq S., J.N. Norris & M.H. Hommersand. *Contributions toward a phylogeny of the red algae (Rhodophyta) based on morphological evidence and rbcL sequence analysis*. Sixth Intern. Phycological Congress, Leiden, The Netherlands, 9-16 Aug. (Abstract, *Phycologia* 36(4) suppl: 121).
1997. Hommersand M.H., M.E. Volovsek & S. Fredericq. *A model for the phylogenetic systematics of the Gigartinaceae (Gigartinales, Rhodophyta) based on cystocarp development*. Sixth Intern. Phycological Congress, Leiden, The Netherlands, 9-16 Aug. (Abstract, *Phycologia* 36 (4) suppl: 155).
1997. Rico J., M.D. Guiry & S. Fredericq. *Pterocliadiella (Rhodophyta, Gelidiaceae) in the north-eastern Atlantic*. Sixth International Phycological Congress, Leiden, the Netherlands, August 9-16. (Abstract, *Phycologia* 36(4) supplement: 353).
1997. Fredericq S. *The Halymeniales (Rhodophyta) revisited*. 19th Annual Southeastern Phycological Colloquy, Univ. of Florida at Cedar Key, FL., 24-26 Oct.

1996. Fredericq S. Evolutionary relationships of the Gigartinales, a large order of Red Algae.
 - CERC, Columbia University, 7 March
 - NCBI/GenBank, NIH, Bethesda MD, 8 March
 - University of Southwestern Louisiana Univ., Lafayette LA, April 1
 - Botanical Society of Washington DC, April 7
1996. Fredericq S. *Molecular Systematics of the Gigartinales (Rhodophyta)*. Mellon Foundation Retreat, Cornell Univ., March 21-23
1996. Fredericq S., J.N. Norris, E.A. Zimmer, D.W. Freshwater & M.H. Hommersand. *Proposal of the Dumontiales ord. nov. and reinstatement of the Sphaerococcales Sjoestedt emend. based on family complexes previously placed in the marine red algal order Gigartinales*. 50th Anniversary Meeting, Phycol. Soc. Am., Univ. California, Santa Cruz, 14-19 July (Abstract, *J. Phycol.* suppl.32: 16)
1996. M.H. Hommersand, S. Fredericq, J.N. Norris, E.A. Zimmer, D.W. Freshwater. *A phylogeny for the Solieriaceae and related red algal families inferred from rbcL sequence analysis and morphological evidence*. 50th Anniversary Meeting, Phycol. Soc. Am., Univ. California, Santa Cruz, 14-19 July (Abstract, *J. Phycol.* suppl. 32: 22).
1996. Fredericq, J.N. Norris, E.A. Zimmer & M.H. Hommersand. *Molecular phylogenies indicate the need for reclassification of the large red algal order Gigartinales and highlight the importance of changes in female reproductive characters in its evolution*. 50th Anniversary Meeting SSE/SSB, St. Louis MI, 19-23 June.
1996. Fredericq S. Phylogeny, Systematics and Biogeography of Marine Red Algae in Symposium: *Biodiversity Conservation and New Technologies: Promises and Perils* IVth Congresso Latino Americano de Ficologia, Caxambú, MG, Brasil, 28 July-3 Aug. (abstract).
1996. Hommersand M.H., Fredericq S. & Hughey J.R. *New perspectives in the phylogenetic systematics and biogeography of the red algal order Gigartinales with special emphasis on representatives from Pacific North America*. Annual Meeting Mexican Society of Phycology, Ensenada, Baja California, Mexico, Oct., Mexican Soc. Phycology. Invited Plenary lecture (Abstract).
1995. Fredericq S. *Phylogenetic systematics and biogeography of the carrageenan-containing marine red algae: molecular and morphological evidence*. In Mini-Symposium: *Biogeography and Systematics of Marine Macroalgae*, XVth International Seaweed Symposium, Valdivia, Chile, Jan-8-14 (Abstract). Invited Symposium Lecture.
1995. Ramirez M.E. & S. Fredericq. *Systematics of the Antarctic species of Phyllophoraceae (Gigartinales, Rhodophyta) based on developmental morphology and rbcL sequence analysis*. XVth International Seaweed Symposium, Valdivia, Chile, Jan-8-14 (Abstract).
1995. Brodie J., S. Fredericq, M.D. Guiry & M. Masuda. *A resumé of taxonomic advances in the genus Chondrus (Gigartinaceae, Rhodophyta)*. XVth International Seaweed Symposium, Valdivia, Chile, Jan-8-14(Abstract).
1995. Fredericq S., J.N. Norris, E.A. Zimmer, D.W. Freshwater & M.H. Hommersand. *New insights into the systematics and biogeography of the red algal order Gigartinales derived from rbcL sequence analysis and developmental morphology*. Annual meeting Phycol. Soc. America, Breckenridge, Colorado, August 7- 11 (Abstract *J. Phycol.* suppl.).
1995. Fredericq S., J.N. Norris, E.A. Zimmer, D.W. Freshwater & M.H. Hommersand]. *New insights in the systematics and biogeography of the red algal order Gigartinales derived from rbcL sequence analysis and developmental morphology*. 1st Colouquy

- "Temas Selectos en Sistemática de Rhodophyta Marinas", Escuela Nacional de Ciencias Biológicas, Instituto Politécnico Nacional, Mexico City, Mexico, Aug. 28-Sept. 1, 1995 (Abstract). Invited Plenary Lecture.
1995. Fredericq S., J.N. Norris, E.A. Zimmer, D.W. Freshwater & M.H. Hommersand. *New insights in the systematics of the Dumontiaceae and Sphaerococcaceae complexes, red algal assemblages currently placed in the Gigartinales*. 17th Southeastern Phycological Colloquy, College of Charleston, SC, Oct. 14.
1994. Fredericq S. *New names for genera and species of the economically important red algal family Gigartinaceae*. Multiexport Inc. headquarters & Chilean Customs, Santiago, Chile, Jan. 26.
1994. Freshwater D.W., S. Fredericq & M.H. Hommersand. *Phylogenetic analysis of the Gelidiales: new implications*. Annual meeting Phycol. Soc. America, Univ. of Miami, June (Abstract, *J. Phycol.* suppl.).
1994. Fredericq S., M.H. Hommersand & D.W. Freshwater. *Systematics of the Gigartinaceae-complex based on developmental morphology and rbcL sequence analysis*. In Symposium: *Systematics of Red Algae*. Fifth Intern. Phycol. Congress, Qingdao, China, June 26-July 2. Invited Symposium Speaker. (Abstract).
1994. Fredericq S. *Systematics of the Gigartinaceae-complex based on developmental morphology and rbcL sequence analysis* during Symposium *Systematics of Red Algae*, fifth International Phycological Congress in Qingdao, China, June 26-July 2, 1994. (Abstract). Invited Symposium Lecture.
1994. Freshwater D.W., S. Fredericq & M.H. Hommersand. *Phylogenetic analysis of the Gelidiales: new implications*. Fifth Intern. Phycol. Congress, Qingdao, China, June 26-July 2 (Abstract).
1994. Fredericq S. *Systematics of the marine red algal family Phylloporaceae (Gigartinales) based on rbcL sequence analysis and morphology*. 16th Southeastern Phycological Colloquy, Univ. North Carolina, Beaufort, Sept. 30-Oct. 2.
1994. Hommersand M.H., S. Fredericq & D.W. Freshwater. *New developments in the phylogenetic systematics of the red algae*. 16th Southeastern Phycological Colloquy, Univ. North Carolina, Beaufort, Sept. 30-Oct. 2.
1994. Ramirez M.E. & S. Fredericq. *Sistemática de las especies antárticas Phylloporaceae (Gigartinales, Rhodophyta)*. VIth Congreso Latin-Americano, Mar del Plata, Argentina, Oct. 2-8 (Abstract).
1994. Fredericq S. *Systematics of the marine red algal Gigartinaceae-complex (Gigartinales) based on developmental morphology and rbcL sequence analysis*. Academy of Natural Sciences of Philadelphia, Oct. 14.
1994. Fredericq S. *Systematics of the marine red algal family Phylloporaceae (Gigartinales) based on molecular and morphological evidence*. Dept. of Botany, Duke University, Nov. 17.
1993. Fredericq S., M.E. Ramírez & M.H. Hommersand. *New insights regarding the taxonomic position of Chondriella and the Chondriellaceae (Gigartinales, Rhodophyta)*. 32nd Northeast Algal Symposium, Woods Hole, Mass, Apr. 24-25 (Abstract p. 3, poster).
1993. Hommersand M.H., S. Fredericq & D.W. Freshwater. *Phylogenetic systematics and biogeography of the Gigartinaceae and Gelidiaceae based on comparative morphology and direct sequence analysis of the rbcL gene*. Vth Intern. Seaweed Biogeography Workshop. Univ. Cape Town, Rondebosch, S. Africa, July 12-16 (Abstract).
1993. Fredericq S., M.H. Hommersand & D.W. Freshwater. *Phylogenetic systematics of the Gigartinaceae (Gigartinales, Rhodophyta) based upon direct sequence analysis of the rbcL gene*. XVth Intern. Botanical Congress, Tokyo, Aug. 28-Sept. 3 (Abstract).

1993. Hommersand M.H., S. Fredericq & D.W. Freshwater. *Phylogenetic systematics of the carrageenan-containing red algae based on sequence analysis of rbcL*. XVth Southeastern Phycological Colloquy, Belle W. Baruch Institute, Georgetown, South Carolina, Oct. 15-17.
1993. Fredericq S. *Systematics of the Gigartinaceae based on morphology and sequence analysis of rbcL*. Dept. of Botany, Duke University, Nov. 4.
- 1993 and 1994. *Red Algal Systematics Workshop*, sponsored by Taiwan Ocean University, and held at Keelung, Taiwan, Aug. 16-20, 1993, and July 4-13, 1994. Twice invited to chair the workshop, demonstrate red algal anatomy techniques and apply them to Taiwanese seaweeds.
1992. Hommersand M.H. & S. Fredericq. *The position of Rhodoglossum californicum in the Gigartinaceae*. Annual meeting Phycol. Soc. America, Univ. of Hawaii, Honolulu, Aug. 9-13 (Abstract *J. Phycol.* suppl. 28(3): p. 3).
1992. Fredericq S. & M.H. Hommersand. *Cystocarp development in Mastocarpus stellatus (Petrocelidaceae, Gigartinales)*. XIth International Seaweed Symposium, Brest, France, Aug. 16-21 (Abstract).
1992. Brodie J. & S. Fredericq. *Developmental morphology of Chondrus crispus (Gigartinaceae, Gigartinales)*. XIth International Seaweed Symposium, Brest, France, Aug. 16-21 (Abstract).
1992. Fredericq S. & M.H. Hommersand. *Relationship between Mastocarpus (Petrocelidaceae) and Gymnogongrus (Phylloporaceae)*. 14th Southeastern Phycological Colloquy, Harbor Branch Oceanographic Institution, Fort Pierce, Fla., Oct. 23-25.
1991. Hommersand M.H. & S. Fredericq. *Two developmental strategies in a family of red algae: Chondrus vs. Gigartina*. 13th Southeastern Phycological Colloquy, Clemson, SC, Oct. 25-27.
1991. Hommersand M.H. & S. Fredericq. *Biogeographic affinities of the red algae of the temperate North Atlantic Ocean*. 30th Northeast Algal Symposium, Woods Hole, Mass, Apr. 28-28 (Abstract).
1991. Fredericq S., M.H. Hommersand & J. Cabioch. *Development of the cystocarp in Gigartina pistillata and G. teedii from France*. 3rd International Phycological Congress, Durham, NC, Aug. 4-10 (Abstract *J. Phycol.* suppl. 27:22).
1991. Fredericq S. & J.N. Norris. *An unusual new calciferous red algal genus from the Caribbean*. 3rd International Phycological Congress, Durham, NC, Aug. 4-10 (Abstract *J. Phycol.* suppl. 27:22).
1991. Hommersand M.H., S. Fredericq & S. Thrainsson. *Systematics and biogeography of the Cystocloniaceae (Gigartinales, Rhodophyta)*. 3rd International Phycological Congress, Durham, NC, Aug. 4-10 (Abstract *J. Phycol.* suppl. 27:32).
1990. Fredericq S. & M.H. Hommersand. *Cystocarp formation in Acanthococcus (Cystocloniaceae, Gigartinales), a fusion cell type*. Annual meeting Phycol. Soc. America, College Park, Maryland, June 24-28 (Abstract *J. Phycol.* suppl. 26:19).
1990. Norris J.N. & S. Fredericq. *Studies on cylindrical species of western Atlantic Gracilaria (Gracilariales, Rhodophyta): G. cylindrica Børgesen and G. blodgettii Harvey*. Annual meeting Phycol. Soc. America, College Park, Maryland, June 24- 28 (Abstract *J. Phycol.* suppl. 26:20).
1990. Fredericq S. & M.H. Hommersand. *Morphology and systematics of the agarophyte, Pterocladia capillacea*. 12th Southeastern Phycological Colloquy, Wilmington, NC, Oct. 12-14.
1989. Fredericq S. & M.H. Hommersand. *Morphology and systematics of Holmsella pachyderma (Reinsch) Sturch, a parasite of Gracilaria and Gracilariopsis from*

- Great Britain and Ireland*. 28th Northeast Algal Symposium, Woods Hole, Mass, April 29-30 (Abstract p. 4).
1989. Fredericq S. & M.H. Hommersand. *Diagnosis and Key to the genera of the Gracilariaceae (Gracilariales, Rhodophyta)*. XIIIth International Seaweed Symposium, University of British Columbia, Vancouver, Canada, Aug. 13-18 (Abstract, *J. Phycol.* suppl. 26:19).
1988. Fredericq S. & M.H. Hommersand. *The status of the genus Gracilariopsis (Gracilariaceae, Rhodophyta)*. Annual Meeting Phycol. Soc. America, Pacific Grove, California, July 24-29 (Abstract, *J. Phycol.* suppl. 24:10).
1988. Hommersand M.H. & S. Fredericq. *Nutritive tissues of the floridean cystocarp*. 2nd International Phycological Congress, Melbourne, Australia, Aug. 14-20 (Abstract p. 19).
1988. Hommersand M.H. & S. Fredericq. *Are the agarophytes: Orders Gelidiales, Ahnfeltiales and Gracilariales related taxa?* 10th Southeastern Phycological Colloquy, St. Petersburg Beach, Florida, Oct. 14-16.
1987. Hommersand & S. Fredericq. *The female conceptacle before and after fertilization in some Corallinaceae*. 9th Southeastern Phycological Colloquy, Cocodrie, Louisiana, Oct.
1986. S. Fredericq & M.H. Hommersand. *Morphology, Systematics and Biogeography of Myriogramme*. 25th Northeast Algal Symposium, Woods Hole, Mass, April (Abstract).
1985. Hommersand M.H. & S. Fredericq. *Development of the carposporophyte in Gelidium versicolor from South Africa*. 24th Northeast Algal Symposium, Woods Hole, Mass, April (Abstract)
1985. Fredericq S. *Observations on cystocarp development in some species of Gracilaria*. 2nd Intern. Phycological Congress, Copenhagen, Denmark, Aug. 4-10 (Abstract p. 48).
1985. Hommersand M.H. & S. Fredericq. *Development of the female reproductive system in Gelidium before and after fertilization*. 2nd International Phycological Congress, Copenhagen, Denmark, Aug. 4-10 (Abstract p.68).
1985. M.H. Hommersand, S. Thrainsson & S. Fredericq. *Carposporophyte development in Hypnea and related genera of red algae*. 7th Southeastern Phycological Colloquy. Beaufort, NC, Oct.
1984. Fredericq S. *Some characters used in distinguishing selected Gracilaria species (Gracilariaceae, Rhodophyta) in the Western Atlantic-Caribbean Sea*. 23rd Northeast Algal Symposium, Woods Hole, Mass, April (Abstract).
1984. *Taxonomy Workshop on selected Pacific Economic Algae*, sponsored by California Sea Grant Program, University of California, and held at the University of Guam, Mangilao (Conveners Drs. I.A. Abbott & R. Tsuda). Invited to participate in the workshop on *Gracilaria* (June '84).

OUTREACH

*Videos posted on YouTube:

<http://youtube.com/nemastoma2>

<http://youtube.com/TheREDToLNSF>

***Deepwater Horizon Oil Spill:**

June 1, 2010. KATC TV3 interview about oil spill effect on seaweeds

June 9, 2010. KRVS 88.7 radio: June 9, 2010: Radio interview with Judith Meriwether about oil spill effect on seaweeds

- July 4, 2010. The Daily Advertiser, Achievements, p. 1B.
- July 5, 2010. KATC TV3 interview about oil spill effect on seaweeds
- Aug. 3, 2010. TV interview with Alastair Good, Telegraph TV (UK) about oil spill effect on algae
- Aug. 21, 2010. Panel Discussion Member, *Biggest Issues Affecting our wetlands and coastline*. Moderator: Anne Gisleson. (with M. Varisco, D. Bourque, D. Meffet, K. Cheramie). Acadiana Center for the Arts, Lafayette LA.
- Aug. 22, 2010. *Experts discuss ways to fix oil damage*. Amanda McElfresh, The Advertiser (Lafayette LA).
<http://pqasb.pqarchiver.com/theadvertiser/access/2117234881.html?FMT=ABS&date=Aug+22%2C+2010>
- Sept. 14, 2010. Video Interview with Jessica Kastner from Gulf Coast Research Laboratory for MS Public Broadcasting. About NSF RAPID grant.
<http://spillscience.com>
- Sept. 17, 2010. KFLY TV interview with Chuck Huebner, *Professor warns about Rig Removal*. <http://www.klfy.com/Global/story.asp?S=13175599>
- Sept. 21, 2010. Radio Interview with Jeff Palermo, Louisiana Radio Network: *Are dismantling oil platforms in the Gulf of Mexico a good idea?*
- Sept. 30, 2010. *ULL to study oil leak's impact on marine wildlife*. The Advocate (Baton Rouge), section B, pp. 2-3. <http://www.theadvocate.com/news/104051969.html>
- Oct 6, 2010. *UL professors and students get oil spill research grant*. Elizabeth Rose, The Vermilion (UL Lafayette), p. 4
- Oct. 7-10, 2010. Florida State Workshop invited participant: *GulfPhoto*
- Nov. 1-2, 2010. *Will diversity of macroalgae and macrocrustaceans on deep banks in the northern Gulf be impacted by the Deepwater Horizon Oil Spill?* S. Fredericq & D.L. Felder. LA Gulf Oil research Conference, New Orleans LA. Organized by LA Board of Regents.
- Dec. 2010. *The forgotten Deep. The Gulf's little-seen deep-water ecosystems may bear the brunt of the BP oil spill's damage*. By Wendee Holtcamp. Texas Park and Wildlife Magazine.
- April 17, 2011. *A year after the BP oil spill, fate of gulf ecosystem remains murky*. By Brian Vastag, The Washington Post.
- April 20, 2011. *Disastro Bp un anno dopo, spiagge e paludi ancora ricoperte di petrolio*, Il Fatto Quotidiano (Italy).
- Summer 2011, *La Louisiane*
- June 30, 2011. *Stop-gap funds will support summer research on oil spill*. Gwyneth Dickey Zakaib, Nature newsblog.
- July 6, 2011. *UL professors receive grants. Pair plan to study effects of Deepwater Horizon oil spill*. The Daily Advertiser (Lafayette), p. 2B.
- August 2011, Interview with Corriere della Sera, Milan, Italy
- March 1, 2012. *UL profs to study impact of Gulf oil spill*. Acadiana Gazette.
- Feb. 13, 2012, Interview with Emilio Godoy, journalist of the IPS news agency in Mexico City,
- April 16, 2012. Interview with Associated Press Cain Burdeau (twice)
- April 24, 2012. Interview with Evgeny Popov, Russian State Television
- July 17, 2013. LPB visit

INVITED VOTING PANEL MEMBER

National Science Foundation, DEB-Systematic Biology, Arlington VA, Oct. 2008

National Science Foundation, DEB-Systematic Biology, Arlington VA, April 2005
National Science Foundation, NSF-Living Stock collections, Dec. 9, 2004 (had to decline)
National Science Foundation, Committee of Visitors (COV) for the Instrument-related Activities (IID) Cluster within the Division of Biological Infrastructure (DBI).
Arlington VA, March 2002
Judge for Christensen Price, International Phycological Society, Aug. 2000
National Science Foundation, DEB-Biotic Surveys and Inventory Program, Washington, D.C. Feb. 1997
Agency for International Development (AID), US State Department, Marine Sciences Panel, Washington DC, October 1988
Judge for Phycological Society of America's H.C. Bold Award for best student papers 1991, 1998
Judge for the best student poster award at the 32nd Northeast Algal Symposium, Woods Hole, MA, April 1993

INVITED CHAIRPERSON

Co-Chair, PSA/IPC session "Corallinales", Orlando FL, Aug. 2013
Session co-chair, GoMRI conference, New Orleans (selected and organized abstracts for oral & poster presentations in Biodiversity/Ecology sessions), January 2013
Moderator, Phycological Society of America Annual Meeting, oral Presentations, Section: Systematic Biology of Seaweeds, July 2011
Moderator, Systematics of red Algae, 6th Asian Pacific Phycological Forum, Yeosu, South Korea, Oct. 2011
Moderator, Oral presentations Session 4, 26th Southeastern Phycological Colloquy, Oct. 22-24, 2004, Dauphin Island, Alabama
Co-Chairperson, XVIIth International Seaweed Symposium, Cape Town, South Africa, Contributed Papers *Systematics and Evolution III*, Jan. 2000
Chairperson, 54th Anniversary meeting, Phycol. Soc. Am., San Diego CA. Contributed Papers *Systematics and Evolution III*, July 2000
Chairperson, 50th Anniversary Meeting, Phycol. Soc. Am., Univ. California, Santa Cruz, Contributed Papers *Molecular Systematics*, July 1996
Co-chairperson (with J. Cabioch), XIth International Seaweed Symposium (Brittany, France), Contributed Papers *Biology*, August 1992

EDITORIAL RESPONSIBILITIES

Reviewer for American Journal of Botany, Bulletin of Marine Science, Cryptogamic Algologie, Arquipelago: Life and Earth Sciences, Botanica Marina, Canadian Journal of Botany, Caribbean Journal of Science, Cryptogamic Botany, European Journal of Phycology, Evolution, Hydrobiologia, IJSEM, Journal of Phycology, Molecular Phylogenetics and Evolution, Nova Hedwigia, Phycologia, Phycological Research, Phytotaxa, Proceedings of the Biological Society of Washington, the Quarterly Review of Biology, Taxon.

GRANT REVIEWER

NSF (Systematic Biology, ATOL, Biotic Surveys & Inventories, Biological Field Stations & Marine Laboratories, NSF Microbial observatories/Microbial interactions & Processes Program); Sea Grant College program (Puerto Rico, Oregon); National Institute of Health MBRS Program (Puerto Rico); Ohio University Research Committee; American Philosophical Society; F.W.O.

PROFESSIONAL AFFILIATIONS

AAAS, International Phycological Society, Korean Society of Phycology, Phycological Society of America, Southeast Phycological Society

PERTINENT MARINE FIELD EXPERIENCE

- 2016. STRI: Bocas del Toro Prov., Caribbean Panama
- 2015. STRI: Bocas del Toro Prov., Caribbean Panama (July), Pacific Costa Rica (August).
- 2014. Florida Keys (May)
- 2013. Korea (July); NW Gulf of Mexico (Oct)
- 2012-2010. Post-DWH offshore NW Gulf of Mexico, Dec. 2010; Apr, Sept. 2011; Apr, Aug. Nov. 2012
- 2012-2007. Bocas del Toro Prov., Caribbean Panama, July/August; Pacific Panama and Colon (Caribb. Panama), July
- 2011. Yeosu, South Korea, Oct.
- 2008. NW Gulf of Mexico
- 2006. Florida Middle Ground (June); Carrie Bow Cay, Belize, May
- 2005. Gulf of Campeche, Mexico & NW Gulf of Mexico, June, South Africa (Kwazulu-Natal & Eastern Cape), August
- 2004. Dry Tortugas Fl & NW Gulf of Mexico (June), Norway, Oahu (Hawai'i), July, August
- 2003. NW Gulf of Mexico (NOAA-Explore/FGBNMS), Sept-Oct.; N. Ireland July
- 2001. Flower Garden Banks Marine Sanctuary, Stetson Bank TX, Sonnier Bank LA (NOAA/NURC) Feb-March
- 2001. Offshore Louisiana (dredging), May 29-June 3
- 2001. South Africa (Cape area, Kwa-Zululand), Jan-Feb
- 2000. Baja California del Norte, Mexico, July
- 2000. Texas Flower Gardens, Stetson Banks, Sonnier Bank (NOAA/NURC, April); offshore Louisiana, dredging, May
- 1999. Baja California del Sur, Mexico, October; Southern Chile & Chilöe, November
- 1999. Gulf of Mexico (June, July, August): Offshore Diving expeditions sponsored by NOAA, Mineral Management Service
- 1998. Florida Keys, April; Texas, May; Gulf of Mexico, September
- 1998. E. Falkland Islands, January
- 1995. Pacific Tropical Mexico (Guerrero), September
- 1995. Lesser Antilles (Puerto Rico, US Virgin Isls, St. Maarten, Joost van Dyke, Virgin Gorda, Antigua, Anguilla, Guadeloupe, Martinique, St. Vincent and the Grenadines, Grenada). Harbor Branch Oceanographic Institute Expedition on board of R/V *Sea Diver*, June
- 1995. Central and northern Chile, January
- 1994. Shandong Prov., China; North Taiwan, July
- 1994. King George Isl., South Shetland Isls, Antarctic Peninsula; Central Chile, Magellanes, Chilöe, Jan.-Feb
- 1993. Taiwan (North & South), July
- 1993. Japan (Chiba Pref. and Hokkaido), August
- 1990. Azores, Madeira, Selvage Isls and Canary Isls. Harbor Branch Oceanographic Institute Expedition aboard of R/V *Sea Diver*, July-August
- 1990. Guadeloupe, French West Indies: both Grande Terre and Basse Terre March-April
- 1989. Aldabra Atoll and Mahé (Republic of Seychelles, Indian Ocean). Aldabra Expedition sponsored by the Smithsonian Institution. Feb-April.
- 1986. Florida Keys. Spring
- 1984. Guam, Island of Oahu (Hawaii)

- East coast of USA (Rhode Island, Maine) and Canada (Nova Scotia), Fall
1983. Carrie Bow Cay, Belize
Mayaguana, Bahamas. Department of Paleobiology, NMNH Expedition aboard of
R/V Marsys Resolute
1982. Carrie Bow Cay, Belize
Summer Course: Phycology, Hopkins Marine Station, Stanford University,
Monterey, CA
Field course: Tropical Ecology, Puerto Rico (with George Mason University)
1979. Summer Course: Marine invertebrates, Laboratoire de Biologie, Wimereux,
Boulogne, France
1978. Summer Course: Marine Ecology, Woods Hole Marine Laboratory, Woods Hole, MA
Spring course: Ecology of Terrestrial and Marine Environments, Nieuwpoort
Laboratory, Belgium
1977. Seabird Survey at Texel & Schiermonnikoog, Wadden Islands, the Netherlands, with
the Belgian Ornithological Society, *The Wielewaal*.
Summer course: Marine Ecosystems, Dale Fort Field Centre, SW Wales, U.K.
1976. Summer Course: Marine Algae, Orielton Field Centre, Pembroke, SW Wales, U.K.
Seabird Survey during the Amoco Cadiz Oil Spill, Brittany, France, with the
Belgian National Ornithological Research Center