

## Conférences données par les membres du GIROQ entre 1996 et 2001

2001

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- Adly C.L., G.S. Peers, N.M. Price (2001) Regulation of ascorbate peroxidase activity by light and Fe in *Thalassiosira weissflogii*. CEBIC annual meeting, Princeton. June 16-20.
- Aubin-Horth N., J.J. Dodson (2001) La vie n'est pas une longue rivière tranquille: La taille atteinte comme variable déterminante de l'histoire de vie chez le saumon atlantique juvénile. 4<sup>ème</sup> réunion annuelle du CIRSA, Québec. Février.
- Aubin-Horth N., J.J. Dodson (2001) Variability in the threshold value related to a conditional strategy. Society for the Study of Evolution. Knoxville, Tennessee. Juin, 14.
- Barber D., R. Marsden, P. Minnett, G. Ingram, L. Fortier (2001) An overview of the physical processes within the North Water (NOW). International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Bernatchez L. (2001) Investigating the evolutionary ecology of Atlantic salmon using from molecular genetics. University of Otago, Dunideen. Mars.
- Bernatchez L. (2001) Investigating the evolutionary ecology of Atlantic salmon using from molecular genetics. Université McGill. Octobre.
- Bussièrès D., J.J. Dodson, K. Plante (2001) Taux de survie en mer et mortalité sélective selon la taille des saumonnetaux de la rivière Sainte-Marguerite (Saguenay). 4<sup>ème</sup> réunion annuelle du CIRSA, Québec. Février.
- Castric V., L. Bernatchez (2001) On the way to migration-drift equilibrium: how far along are anadromous brook charr in eastern Canada? Population Genetics Group 2001. Sheffield, UK. Janvier.
- Castric V., L. Bernatchez (2001) The rise and fall of isolation by distance in the anadromous brook charr. European Society for Evolutionary Biology (ESEB 2001), Aarhus, Danemark.
- Castric V., L. Bernatchez (2001) Populations anciennes ou récentes? L'histoire postglaciaire de l'omble de fontaine anadrome dans l'est du Canada. 4<sup>ème</sup> colloque du Centre Interuniversitaire de Recherche sur le saumon de l'Atlantique (CIRSA). Université Laval, Québec.
- Castric V., L. Bernatchez, K. Belkhir, F. Bonhomme (2001) Déficit en hétérozygotes chez l'omble de fontaine dans trois petits lacs: Un test d'hypothèses alternatives. Colloque du Petit pois déridé, Orsay, France.
- Dodson J.J., F. Colombani, J. Carscadden (2001) The holarctic phylogeographic structure in mitochondrial DNA of capelin (*M. villosus*). The Capelin Meeting, Reykjavik, Islande. Juillet 16.
- Fortier M., L. Fortier, M. Ringuette, B. Hargrave, I. Walsh, H. Hattori, H. Sasaki, M. Sampei (2001) Annual dynamics of Arctic calanoid copepods in an Arctic polynya: what can we learn from "swimmers" retained in 24 months of sequential sediment trap collections. International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Garant D., J.J. Dodson, L. Bernatchez (2001) Genetic and environmental components of offspring size in salmon: influences of rearing habitat and male reproductive phenotype. Society for Study of Evolution meeting. Knoxville, TN, USA.
- Garant D., P.-M. Fontaine, S.P. Good, J.J. Dodson, L. Bernatchez (2001) Influence de l'identité parentale du mâle sur la croissance et la survie des rejetons chez le saumon atlantique. 4<sup>ème</sup> colloque du Centre Interuniversitaire de Recherche sur le saumon de l'Atlantique (CIRSA). Université Laval, Québec.
- Gaymer C., J.H. Himmelman, L.E. Johnson (2001) Effect of intra- and interspecific interactions on the feeding behavior of two subtidal seastars in the northern Gulf of St. Lawrence, eastern Canada. Congrès annuel de Benthic Ecology Meetings (New Hampshire, USA). 16 mars.
- Hattori H., M. Sampei, M. Ringuette, P. Saunders, H. Sasaki, M. Fortier, L. Fortier (2001) In situ feeding activity of copepods on the carbon cycling in the North Water Polynya. International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Kraft C.E., P.J. Sullivan, A.Y. Karatayev, L.E. Burlakova, J.C. Nekola, L.E. Johnson, D.K. Padilla (2001) Landscape patterns of aquatic invaders: Assessing the extent of zebra mussel dispersal from spatial distributions. Congrès annuel de l'Ecological Society of America, Wisconsin (USA) 06 août.
- Lamote M., L.E. Johnson (2001) Photosynthetic abilities of furoid algae during low tide; differing responses of adults and young stages. Congrès annuel des Benthic Ecology Meetings (New Hampshire, USA). 16 mars.

- Lamote M., L.E. Johnson (2001) Photosynthetic abilities of fucoid algae during low tide; differing responses of adults and young stages. Congrès annuel de Phycological Society America. Colorado (USA). 24 juin.
- Landry C., D. Garant, L. Bernatchez (2001) Choix de partenaires sexuels chez le saumon atlantique: parenté et Complexe Majeur d'Histocompatibilité. 4ème colloque du Centre Interuniversitaire de Recherche sur le saumon de l'Atlantique (CIRSA). Université Laval, Québec.
- Lenormand S., J.J. Dodson (2001) Résidence en eau douce ou anadromie chez l'omble de fontaine (*Salvelinus fontinalis*): influence sur la croissance, l'âge à maturité et la fécondité. 4ième réunion annuelle du CIRSA, Québec. Février.
- Lenormand S., J. J. Dodson (2001) Evolution of anadromy in brook charr, *Salvelinus fontinalis* : a trade-off between fecundity and survival. What would happen if migrants' survival was to decrease ? Workshop on Fisheries-induced adaptative Change (Adaptive Dynamics Network, International Institute for Applied Systems Analysis), Laxenburg, Autriche. Mars.
- Moreau V., R. Tremblay, E. Bourget (2001) Distribution of *Mytilus edulis* and *M. trossulus* in the Baie des Chaleurs and the Gaspé peninsula. Association Aquacole du Canada. Halifax, Mai 2001.
- Pardo L.-M., L.E. Johnson (2001) Risk-averse behavior in the intertidal snail *Littorina saxatilis*: external and internal controls. Congrès annuel des Benthic Ecology Meetings (New Hampshire, USA). 16 mars.
- Peers G.S., N.M. Price (2001) Substitution between Mn and Fe in a marine diatom. CEBIC annual meeting, Princeton. June 16-20.
- Pernet F., R. Tremblay, E. Bourget, M. Roussy (2001) Biochemical indicator of quality of giant scallop larvae *Placopecten magellanicus* : from broodstock conditioning to larval settlement. Larvi'01 - Fish and shellfish larviculture symposium, Ghent, Belgique.
- Price N.M., E. Armstrong, J. Granger, M.T. Maldonado (2001) Microbial uptake of Fe siderophore complexes : Receptors of bacteria and reductases of phytoplankton. CEBIC annual meeting, Princeton. June 16-20, invited.
- Ringuette M., L. Fortier, M. Fortier, J. Runge, S. Bélanger, P. Larouche, J.-M. Weslawski, S. Kwasniewski (2001) Advanced copepodite recruitment and accelerated population growth in Arctic calanoid copepods of the North Water Polynya. International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Ringuette M., L. Fortier, P. Sirois, M. Fortier, J. Runge, D. Gauthier (2001) Prey abundance, temperature and the feeding success of Arctic cod larvae (*Boreogadus saida*) in the North Water. International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Prokopowicz A., L. Fortier (2001) Patterns in trophic and size class structure of NOW zooplankton. International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Sirois P., M. Ringuette, L. Fortier, V. Perron, M. Fortier, J. Gagné (2001) Compared early growth of Arctic cod in the NEW and NOW Polynyas. International Polynya Symposium (IPS2001), September 9-13, Quebec.
- Thériault V., J.J. Dodson (2001) Migrer ou ne pas migrer: là est la question chez l'omble de fontaine. 4ième réunion annuelle du CIRSA, Québec. Février.
- Tremblay J.E., E. Bucciarelli, B. Vander Wagt, H. deBaar, N.M. Price (2001) Effect of iron on the C/N/P/Si composition of diatoms, a partial synthesis. ASLO Meeting, Albuquerque, NM.

## 2000

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- Addy T., L.E. Johnson (2000) Duck and cover: littorine behavior across a wave exposure gradient. 29ième congrès annuel de Benthic Ecology, Wilmington, Caroline du Nord, USA, 9-12 mars.
- Adly C.L., G.S. Peers, N.M. Price (2000) Ascorbate peroxidase activity in *Thalassiosira weissflogii* is independent of Fe-nutritional status. CEBIC annual meeting, Princeton. June 16-20.
- Angers B., V. Castric, L. Bernatchez (2000) Factors affecting population genetic structure. The brook charr as a case study. Fourth International Charr Symposium, Trois-Rivières, Qc, Canada, juin.
- Aubin-Horth N., J.J. Dodson (2000) Spatial and temporal variability of juvenile atlantic salmon size and of size-selective mortality rate: influence on the incidence of precocious sexual maturity in male parr. World Congress Fish Biol., Aberdeen. July.
- Audet C., L. Bernatchez (2000) Domestication of a feral anadromous strain of brook charr (*Salvelinus fontinalis*) for coastal aquaculture development. Fourth International Charr Symposium, Trois-Rivières, Qc, Canada, juin.

- Bernatchez L. (2000) Combining genetic and ecological approaches to infer an adaptive radiation in whitefish *Coregonus* sp. California State University, San Francisco, mars.
- Bernatchez L. (2000) Combining genetic and ecological approaches to infer an adaptive radiation in whitefish *Coregonus* sp. University of California, Davis (Bodega Bay Laboratory), mars.
- Bernatchez L. (2000) Fish stories from the North : relevance for speciation. University of Queensland, Brisbane, Australie, septembre.
- Bernatchez L. (2000) The evolutionary of whitefish. University of California, Santa Cruz, mars.
- Bernatchez L., P. Duchesne (2000) Effets à longs termes des programmes d'ensemencement de support sur l'évolution de la consanguinité des populations sauvages. 3ème colloque du Centre Interuniversitaire de Recherche sur le saumon de l'Atlantique (CIRSA). Université Laval, Québec.
- Bernatchez L., P. Duchesne (2000) Long-term effects of supportive breeding programs on genetic diversity: an analytical approach. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Boula D., L. Bernatchez, C. Audet (2000) Variation saisonnière de l'adaptabilité à l'eau de mer chez l'omble de fontaine anadrome (*Salvelinus fontinalis*). Fourth International Charr Symposium, Trois-Rivières, Qc, Canada, juin.
- Boula D., L. Bernatchez, C. Audet (2000) Variation saisonnière de l'adaptabilité à l'eau de mer chez l'omble de fontaine anadrome (*Salvelinus fontinalis*) : effet de la domestication. Congrès de la Société Canadienne de Zoologie, Moncton, mai.
- Bourget E. (2000) Distribution de deux espèces de moules *Mytilus edulis* et *M. trossulus* dans la baie des Chaleurs selon différents types d'habitats. Atelier de travail sur la distribution de *Mytilus edulis* et *M. trossulus*. Gaspé, 18-19 octobre 2000.
- Bourget E. (2000) Les agents de changements dans les transferts de technologies universitaires. Seminario de vinculacion y transferencia tecnologica. Conacyt- Université Laval, Mexico 12-14 novembre 2000.
- Castric V., L. Bernatchez (2000) Population genetic structure in anadromous brook charr. Fourth International Charr Symposium, Trois-Rivières, Qc, Canada, juin.
- Castric V., L. Bernatchez (2000) Population structure in anadromous brook charr *Salvelinus fontinalis* L. - population genetics tools address ecological problematics. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Castric V., L. Bernatchez, K. Belkhir, F. Bonhomme (2000) Testing non random contribution of individual progenies to local gene pools in brook charr: does it explain fluctuating heterozygote deficiencies? Fourth International Charr Symposium, Trois-Rivières, Qc, Canada, juin.
- Castric V., L. Bernatchez, K. Belkhir, F. Bonhomme (2000) Testing non random contribution of individual progenies to local gene pools in brook charr. Annual meeting of the Society for Molecular Biology and Evolution. New Haven, CT, USA, juin.
- Fortier L. (2000) Forecasting the impacts of a melting Arctic: the necessity for international networking. PAGSE annual meeting. October 12, Ottawa.
- Fortier L. et al. (2000) The International North Water Polynya Study (NOW) : an early synthesis. Invited. 15<sup>th</sup> International Symposium on Okhotsk Sea and sea ice. Mombetsu, Japan, 7 février.
- Fortier L. et al. (2000) The International North Water Polynya Study : progress report and early synthesis. Invited. American Society of Limnology and Oceanography. 2000 Ocean Sciences Meeting. San Antonio, TX, 24 janvier.
- Fortier L., M. Fortier (2000) Polynyas in changing polar seas. American Society of Limnology and Oceanography (ASLO), Aquatic Sciences Meeting, June 5-9, Copenhagen, Denmark.
- Fortier M., L. Fortier, L. Legendre (2000) Climatic and biological forcing of the vertical flux of biogenic particles under first-year ice in the Canadian Arctic in spring. 15<sup>th</sup> International Symposium on Okhotsk Sea and sea ice. Mombetsu, Japan, 7 février.
- Fortier M., L. Fortier, L. Legendre (2000) Meteorological and biological forcing of the vertical flux of biogenic particles under first-year ice in the Canadian Arctic in spring. American Society of Limnology and Oceanography. 2000 Ocean Sciences Meeting. San Antonio, TX, 25 janvier.
- Fortier M., L. Fortier, L. Legendre, C. Michel (2000) Climatic and biological forcing of the vertical flux of biogenic particles under first-year ice in the Canadian Arctic in spring. 2nd International Symposium on Environmental Research in the Arctic and 5th Ny-Alesund Scientific Seminar, Tokyo, Japon, 23-25 février.

- Fortier M., L. Fortier, M. Ringuette, B. Hargrave, I. Walsh, H. Hattori, H. Sasaki (2000) Population dynamics of calanoid copepods in the North Water Polynya: What can we learn from “swimmers” retained in sequential sediment traps? XXIII Symposium on Polar Biology, Tokyo, Japon, 8-9 Décembre.
- Fortier M., L. Fortier, M. Ringuette, B. Hargrave, I. Walsh, H. Hattori, H. Sasaki, M. Sampei (2000) Overwintering dynamics of calanoid copepods in the North Water: new insights from 24 months of sediment trap collections. American Society of Limnology and Oceanography (ASLO), Aquatic Sciences Meeting, June 5-9, Copenhagen, Denmark.
- Fukuchi M., Fortier, L., M. Fortier et al. (2000) The International North Water Polynya Study (NOW) : an early synthesis. 2nd International Symposium on Environmental Research in the Arctic and 5th Ny-Alesund Scientific Seminar, Tokyo, Japon, 23-25 février.
- Gagnon P., J.H. Himmelman, L.E. Johnson (2000) Seaweed survival in barren zones: a case of associational refuge for juvenile *Agarum cribrosum*. 29<sup>ième</sup> congrès annuel de Benthic Ecology, Wilmington, Caroline du Nord, USA, 9-12 mars.
- Garant D., J.J. Dodson, L. Bernatchez (2000) Évaluation du succès reproducteur individuel chez le saumon de l'Atlantique. 3<sup>ème</sup> colloque du Centre Interuniversitaire de Recherche sur le saumon de l'Atlantique (CIRSA). Université Laval, Québec.
- Garant D., C. Landry, J.J. Dodson, L. Bernatchez (2000) Genetic assessment of mating patterns and fitness component: Atlantic salmon as a case study. Annual meeting of the Society for Molecular Biology and Evolution. New Haven, CT, USA, juin.
- Garant D., J.J. Dodson, L. Bernatchez (2000) An assessment of individual reproductive success in a wild population of anadromous Atlantic salmon (*Salmo salar* L.). Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Garneau M.-È., M. Gosselin, É. Fouilland, B. Klein, B. LeBlanc, R. Beret, L. Legendre, T. Odate, M. Fukuchi (2000) Nutrients and chlorophyll distribution in the North Water Polynya in autumn 1999. International Arctic Environmental Symposium, National Institute of Polar Research, Tokyo, Japon, 23-25 février.
- Gaymer C.F., J.H. Himmelman, L.E. Johnson (2000) Use of prey resources by the seastars *Leptasterias polaris* and *Asterias vulgaris*: a comparison between field and laboratory experiments. 29<sup>ième</sup> congrès annuel de Benthic Ecology, Wilmington, Caroline du Nord, USA, 9-12 mars.
- Hattori H., N. Kobayashi, M. Sanpei, M. Ringuette, P. Saunders, H. Sasaki, M. Fortier (2000) Seasonal change of in situ grazing rate of the major copepod population in the North Water Polynya. XXIII Symposium on Polar Biology, Tokyo, Japon, 8-9 Décembre.
- Hébert C., L. Bernatchez (2000) Hydrography versus population genetic structure in brook charr (*Salvelinus fontinalis*) from eastern Canada. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Himmelman J.H. (2000) Subtidal food thieves (Interactions of four invertebrate kleptoparasites with the seastar *Leptasterias polaris*). University of Wollongong, Wollongong, New South Wales, Australia. (16 mars 2000).
- Himmelman J.H. (2000) Subtidal food thieves (Interactions of four invertebrate kleptoparasites with the seastar *Leptasterias polaris*). James Cook University, Townsville, Queensland, Australia. (26 juin 2000).
- Himmelman J.H. (2000) Subtidal food thieves. University of Western Australia, Perth, Western Australia. (14 septembre 2000).
- Himmelman J.H., L. Freites, C.J. Lodeiros (2000) Predation can cause major losses during growout of bivalves in suspended culture. Australian Association of Marine Sciences (AMSA), University of New South Wales, Sydney, Australia. (12 juillet 2000).
- Himmelman J.H., P. Gagnon, L.E. Johnson (2000) A refuge of association for algae faced with intensive grazing on sea urchin barrens. 10th International Echinoderm Conference, Dunedin, Nouvelle-Zélande, 31 jan. - 4 fév.
- Johnson L.E. (2000) Ecological Impacts of Zebra Mussels. Great Plains Workshop on Zebra Mussels, Council Bluffs, Iowa, USA, 7-8 mars. (conférencier invité).
- Johnson L.E. (2000) Facteurs contrôlant le recrutement des macroalgues. Station Biologique de Roscoff, Université Paris VI, France, 29 sept. (conférencier invité).
- Johnson L.E. (2000) Influence de l'hétérogénéité du substrat sur le recrutement des macroalgues. Station Marine Wimereux, Université de Lille 1, France, 9 oct. (conférencier invité).

- Johnson L.E. (2000) Influence of spatial heterogeneity on the recruitment of macroalgae. Port Erin Marine Laboratory, Université de Liverpool, Angleterre, 16 oct. (conférencier invité).
- Johnson L.E. (2000) Overland dispersal of zebra mussels: patterns and processes. Conférence au Département de zoologie, Université de Guelph, Canada, 15 fév. (conférencier invité).
- Johnson L.E. (2000) Recrutement chez les macroalgues. Conférence au Département de biologie, Université de Lille 1, France, 23 juin. (conférencier invité).
- Johnson L.E. (2000) Recrutement chez les macroalgues. Station Marine Wimereux, Université de Lille 1, France, 9 oct. (conférencier invité).
- Johnson L.E. (2000) Transmittal Vectors, and «Mussel Invincibility Myths». Great Plains Workshop on Zebra Mussels, Council Bluffs, Iowa, USA, 7-8 mars. (conférencier invité).
- Johnson L.E. (2000) Use of Cross-Polarized Light for Zebra Mussel Identification. Great Plains Workshop on Zebra Mussels, Council Bluffs, Iowa, USA, 7-8 mars. (conférencier invité).
- Johnson L.E. (2000) Zebra Mussel Introductions to Inland Lakes, the Michigan Study. Great Plains Workshop on Zebra Mussels, Council Bluffs, Iowa, USA, 7-8 mars (conférencier invité).
- Johnson L.E., C.E Kraft (2000) Regional differences in rates and patterns of North American inland lake invasions by zebra mussels. Congrès annuel de l'American Society of Limnology and Oceanography, Copenhagen, Danemark, 5-9 juin.
- Karnovsky N., L. Fortier, M. Fortier, G.L. Hunt, M. Ringuette (2000) The seasonal distribution and abundance of seabirds in relation to prey availability in the North Water. Invited. American Society of Limnology and Oceanography. 2000 Ocean Sciences Meeting. San Antonio, TX, 25 janvier.
- Karnovsky N., G. Hunt Jr., L. Fortier, K. Falk, K. Hobson (2000) Estimating the export of carbon through marine birds in the North Water. American Society of Limnology and Oceanography (ASLO), Aquatic Sciences Meeting, June 5-9, Copenhagen, Denmark.
- Klein B., B. LeBlanc, Z.-P. Mei, R. Beret, J. Michaud, C.-J. Mundy, C. H. von Quillfeldt, M.-È. Garneau, K. Erickson, L. Miller, P. Yager, S. Roy, Y. Gratton, J.K. Cochran, D. Barber, L. Legendre (2000) Size-fractionated phytoplankton biomass and primary production in the North Water Polynya. Aquatic Sciences Meeting, American Society of Limnology and Oceanography, Copenhagen, Danemark, 5-9 juin.
- Landry C., D. Garant, L. Bernatchez (2000) Ecological factors influencing MHC polymorphism in Atlantic salmon. Society for the Study of Evolution, Bloomington, Indiana, juin.
- Landry C., L. Bernatchez (2000) Exon 2 variation at a MHC Class II B gene in wild populations of landlocked and anadromous Atlantic salmon (*Salmo salar*). Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Landry C., L. Bernatchez (2000) Polymorphisme d'un gène du système immunitaire du saumon atlantique, formes résidente et anadrome. 3ème colloque du Centre Interuniversitaire de Recherche sur le saumon de l'Atlantique (CIRSA). Université Laval, Québec.
- LeBlanc B., Z.-P. Mei, Y. Suzuki, L. Legendre (2000) Photosynthetic parameters of phytoplankton in the North Water Polynya. Aquatic Sciences Meeting, American Society of Limnology and Oceanography, Copenhagen, Danemark, 5-9 juin.
- Legendre L. (2000) Pelagic food webs: Responses to environmental processes and effects on the environment. Conférence invitée. International Symposium Food-web dynamics in spatial heterogeneity under multiple disturbances, Kyoto, Japon, 8 décembre.
- Legendre L. (2000) Pelagic food webs: Responses to environmental processes and effects on the environment. Hokkaido Tokai University, Sapporo, Japon, 27 novembre 2000.
- Legendre L. (2000) Transfer of atmospheric carbon to the deep ocean: Marine biogeochemistry *versus* biological oceanography. Tohoku University, Sendai, Japon, 4 décembre 2000.
- Legendre L. (2000) Transfer of atmospheric carbon to the deep ocean: Marine biogeochemistry *versus* biological oceanography. Hokkaido University, Sapporo, Japon, 28 novembre 2000.
- Legendre L. (2000) Transfer of atmospheric carbon to the deep ocean: Marine biogeochemistry *versus* biological oceanography. Soka University, Hachioji, Tokyo, Japon, 17 novembre 2000.
- Legendre L. (2000) Transfer of atmospheric carbon to the deep ocean: Marine biogeochemistry *versus* biological oceanography. National Institute of Polar Research, Tokyo, Japon, 8 novembre 2000.

- Legendre L., C. Courties, M. Troussellier (2000) Flow cytometry in oceanography : Two decades of discoveries and progress. Conférence invitée (Frontier Lecture). International Society for Analytical Cytology (ISAC) XX International Congress, Montpellier, France, 21 mai.
- Legendre L., M.-J. Martineau, H. Sasaki. (2000) Downward export of phytoplankton in the North Water Polynya. Symposium on Polar Biology, National Institute of Polar Research, Tokyo, Japon, 7 décembre 2000.
- Legendre L., R. Rivkin (2000) Cycling and export of biogenic carbon in the upper ocean: global estimates based upon the food-web control nodes approach. Aquatic Sciences Meeting, American Society of Limnology and Oceanography, Copenhagen, Danemark, 5-9 juin.
- Legendre L., R.B. Rivkin (2000) Cycling of biogenic carbon in oceans: regulation by food-web control nodes. Second JGOFS Open Science Conference, Bergen, Norvège, 13-27 avril.
- Legendre L., R.B. Rivkin (2000) Cycling of biogenic carbon in the upper ocean. I. Development of a model based on food-web control nodes. SOLAS Open Science Conference, Damp, Allemagne, 20-24 février.
- Lenormand S., J.J. Dodson (2000) Freshwater residence or migration in brook charr: influence on growth and associated age at maturity and age-specific fecundity. World Congress Fish Biol., Aberdeen. July.
- Lovejoy C., N.M. Price, C.D. Payne, L. Legendre (2000) Marine pelagic microbial communities under advective regimes: implications of phytoplankton bloom initiation and maintenance. 7th European Marine Microbiology Symposium, Noordwijkerhout, Pays-Bas, 17-22 septembre.
- Lu G., D. Basley, L. Bernatchez (2000) Phylogeographic structure and origin of lake whitefish (*Coregonus clupeaformis*) in Maine as revealed by MTDNA and microsatellite analyses. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Maldonado M.T., N.M. Price (2000) The role of ferric chelate reductase in Fe acquisition by a marine diatom. ASLO Meeting, San Antonio, TX.
- Maldonado M.T., P.W. Boyd, R. Strzepek, M. Gall, P.J. Harrison, N.M. Price (2000) Physiological response of Southern Ocean phytoplankton to a mesoscale Fe enrichment. ASLO Meeting, San Antonio, TX.
- Moreau V., R.Tremblay, E. Bourget (2000) Distribution de deux espèces de moules *Mytilus edulis* et *M. trossulus* dans la baie des Chaleurs selon différents types d'habitats. Atelier de travail sur la distribution de *Mytilus edulis* et *M. trossulus*. Gaspé, 18-19 octobre 2000.
- Niquil N., S. Pouvreau, A. Sakka, L. Legendre, B. Delesalle (2000) Field and numerical study of the planktonic food web in Takapoto Atoll lagoon (French Polynesia): Implications for the farming of pearl oysters. 9th International Coral Reef Symposium, Bali, Indonésie, 23-27 octobre.
- Nodwell L., N.M. Price (2000) Inorganic colloidal iron use by marine mixotrophic algae. ASLO Meeting, San Antonio, TX.
- Peers G., N.M. Price (2000) Increase in superoxide dismutase activity in Fe-limited cultures of the marine diatom *Thalassiosira weissflogii*. ASLO Meeting, San Antonio, TX.
- Peers G., N.M. Price (2000) Fe/Mn interactions in marine diatoms. CEBIC annual meeting, Princeton. June 16-20.
- Potvin C., L. Bernatchez (2000) Use of microsatellites to determine distribution and fishing contribution of land-locked Atlantic salmon populations (*Salmo salar* L.) in Lake St-Jean over spatial and temporal scales. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Price N.M., J. Granger, E. Armstrong (2000) Iron-siderophore receptors of heterotrophic marine bacteria. PICES-IFEP Planning Workshop, Tsukuba, Japan.
- Qiu J.W., R. Tremblay, E. Bourget (2000) Salinity tolerance during the life-cycles of mussels *Mytilus edulis* and *M. trossulus*. Atelier de travail sur la distribution de *Mytilus edulis* et *M. trossulus*. Gaspé, 18-19 octobre 2000.
- Ringuette M., L. Fortier, J. Runge (2000) Hydrography, phytoplankton biomass and the reproduction of calanoid copepods in the North Water. American Society of Limnology and Oceanography. 2000 Ocean Sciences Meeting. San Antonio, TX, 25 janvier.
- Rivkin R., L. Legendre (2000) Food-web control of heterotrophic microbial processes in the ocean: patterns and processes. Conférence invitée. International Symposium Food-web dynamics in spatial heterogeneity under multiple disturbances, Kyoto, Japon, 8 décembre.
- Rivkin R.B., L. Legendre (2000) Cycling of biogenic carbon in the upper ocean. II. Implementation of the food-web control node model. SOLAS Open Science Conference, Damp, Allemagne, 21-24 février.

- Rivkin R.B., L. Legendre, R.M. Anderson (2000) Global pattern in bacterial processes: influence on carbon cycling in the upper ocean. Second JGOFS Open Science Conference, Bergen, Norvège, 13-27 avril.
- Roques S., J.-M. Sévigny, L. Bernatchez (2000) Evidence for introgressive hybridization at microsatellite loci between two marine fishes (*Sebastes sp.*) from the North Atlantic. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Saint-Laurent R., M. Legault, L. Bernatchez (2000) Différentiation génétique et morphologique des formes sympatriques naine et normale d'éperlan du Lac Saint-Jean. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Saint-Laurent R., M. Legault, L. Bernatchez (2000) Testing the divergent-with-gene-flow model : sympatric ecotypes of rainbow smelt (*Osmerus mordax*) as a case study. Society for the Study of Evolution, Bloomington, Indiana, juin.
- Sirois P., L. Fortier, J. Michaud (2000) Hatchdate, growth and survival of Arctic cod larvae (*Boreogadus saida*) in the Northeast Water. American Society of Limnology and Oceanography. 2000 Ocean Sciences Meeting, San Antonio, TX, 25 janvier.
- Thériault V., J.J. Dodson (2000) Anadromy versus residency in brook charr (*Salvelinus fontinalis*) : the importance of growth during the early life history stages. World Congress Fish Biol., Aberdeen. July.
- Tremblay J.E., N.M. Price (2000) Nutrients, water masses and new production in the North Water Polynya. ASLO Meeting, San Antonio, TX.
- Tremblay J.E., N.M. Price (2000) Influence of Fe on elemental composition of Thalassiosira. CEBIC annual meeting, Princeton. June 16-20.
- Turgeon J., L. Bernatchez (2000) Taxonomy and conservation of North American ciscoes (*Coregonus spp.*): insights from molecular phylogeography. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.
- Wirth T., L. Bernatchez (2000) Panmixia in the European eel : a wavering paradigm. Society for the Study of Evolution, Bloomington, Indiana, juin.
- Wirth T., L. Bernatchez (2000) Revisiting the panmixia paradigm in species of European and American eels (*Anguilla anguilla* and *A. rostrata*) with a microsatellite perspective. Conférence Canadienne de Recherche sur les Pêches (CCRP) Fredericton, New Brunswick, janvier.

## 1999

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- Addy T., L.E. Johnson (1999) The influence of spatial heterogeneity on the foraging of littorines. 6<sup>th</sup> International Symposium on Littorinid Biology, Priory, Jamaïque, 24-31 juillet.
- Alunno-Bruscia M., M. Fréchette, E. Bourget (1999) Identifying the regulating factors of density-dependence in experimental mussel populations (*Mytilus edulis*). ICES, St. Andrews, N. B., Septembre 1999.
- Bernatchez L (1999) Bridging the Gap between molecular genetics and fish ecology : microsatellites as the ecologically correct markers. Canadian Conference for Fisheries Research, January .Edmonton. (conférencier Stevenson).
- Bernatchez L. (1999) The history of an adaptive radiation in the whitefish, *Coregonus sp.* Mars, Department of Fisheries Sciences, genetics, University of Florida, Gainesville, USA.
- Bernatchez L. (1999) Alternative uses of microsatellite loci in Atlantic salmon *Salmo salar*. 25<sup>th</sup> Annual Meeting of the Atlantic International Chapter, American Fisheries Society. Septembre.
- Bernatchez L. (1999) L'étude de la divergence populationnelle chez les Corégones : une approche moléculaire et écologique intégrée. Université de Montpellier II, France. Juillet.
- Bernatchez L. (1999) The history of an adaptive radiation in the whitefish, *Coregonus sp.* Mars, Department of Genetics, University of Georgia, Athens, USA. Floride.
- Bernatchez L. (1999) Une approche intégrée pour l'application du concept d'ESU : l'exemple de l'éperlan arc-en-ciel. Atelier nord-américain sur l'Éperlan arc-en-ciel. Québec. Février.

- Bernatchez L., P. Duchesne (1999) Factors influencing the power of multi-locus genotypic information for quantifying reproductive success at the population level. June, American Society of Ichthyology and Herpetology, Pennsylvania State University, State College.
- Bernatchez, L. (1999) L'histoire d'une radiation adaptative chez les Corégones. Université du Québec à Trois-Rivières. Septembre.
- Brokordt K., M. Lafrance, J.H. Himmelman, O. Nusetti, H. Guderley (1999) The use of escape responses to evaluate the physiological status of scallops; experiments with temperate and tropical species. 12th International Pectinid Workshop, Bergen, Norway. 5-11 mai.
- Bussièrès D., J.J. Dodson (1999) Comparaison des caractéristiques démographiques des saumoneaux des deux branches de la rivière Sainte-Marguerite (Saguenay). Réunion annuelle du CIRSA (Centre Interuniversitaire de Recherche sur le saumon Atlantique), Québec, 22-23 janvier.
- Castric V., L. Bernatchez, F. Bonney. (1999) Genetic population structure of brook charr (*Salvelinus fontinalis* Mitchell) in Maine: is watershed the best unit for management? 25<sup>th</sup> Annual Meeting of the Atlantic International Chapter, American Fisheries Society. Septembre.
- Dodson J.J. (1999) L'incidence d'un maximum de turbidité sur le cycle biologique et le recrutement de l'éperlan arc-en-ciel dans l'estuaire du fleuve St-Laurent. Colloque du programme Seine-Aval, "L'estuaire de la Seine: fonctionnement, perspectives". Rouen, 17, 18 et 19 novembre. (invité)
- Dodson J.J. (1999) L'incidence d'un maximum de turbidité sur le cycle biologique et le recrutement de l'éperlan arc-en-ciel dans l'estuaire du fleuve St-Laurent. Centre Saint-Laurent, Environnement Canada, Montréal, 10 décembre (invité)
- Dodson J.J. (1999) The molecular Ecology of Fishes. Séminaire invité et atelier de travail; National University of Singapore, June, 1999.
- Doiron S., L. Bernatchez, P. Blier (1999) A comparative sequence analysis of mitochondrial genome between brook charr (*Salvelinus fontinalis*) and Arctic charr (*S. alpinus*) (Pisces, Salmonidae). VIIth Congress of the European Society for Evolutionary Biology (ESEB99), Barcelone, Août.
- Doiron S., L. Bernatchez, P. Blier. (1999) Une analyse de séquence comparative entre le génome mitochondrial de l'Omble de fontaine (*Salvelinus fontinalis*) et l'Omble chevalier (*S. alpinus*). 67<sup>ème</sup> Congrès de l'ACFAS, Ottawa. Mai
- Dufresne F., E. Bourget, L. Bernatchez (1999) Selection and geneflow in *Semibalanus balanoides* as reviewed by allozyme and microsatellite markers. European Society for Evolutionary Biology. Barcelona, Spain Sept.99.
- Fortier L. (1999) The North Water: an Arctic Oasis. Les Eaux du Nord: un oasis arctique. Invité. Canadian Society of Zoologists. Ottawa. 5 mai.
- Fortier M (1999) Polynyas: Harbingers of a changing Arctic. Réunion du Commission on Geosciences, Environment, and Resources (CGER) et du Polar Research Board (PRB). Ottawa, Canada, 15-16 juillet.
- Freites L., C.J. Lodeiros, J.H. Himmelman (1999) Impact of recruiting gastropod and decapod predators on the scallop *Envula ziczac* (L.) in suspended culture. 12th International Pectinid Workshop, Bergen, Norway. 5-11 mai.
- Garant D., J.J. Dodson, L. Bernatchez. (1999) An assessment of individual reproductive success in a wild population of anadromous Atlantic salmon (*Salmo salar* L.). June, American Society of Ichthyology and Herpetology, Pennsylvania State University, State College.
- Garant D., J.J. Dodson, L. Bernatchez (1999) Variation spatio-temporelle de la structure génétique intra-rivière chez le saumon Atlantique (*Salmo salar*). Réunion annuelle du CIRSA (Centre Interuniversitaire de Recherche sur le saumon Atlantique), Québec, 22-23 janvier.
- Granger J., N.M. Price (1999) A putative membrane receptor for desferal in heterotrophic marine bacteria. CEBIC annual meeting, Princeton.
- Guichard F., E. Bourget (1999) The emergence of patterns in intertidal landscapes: scaling the interaction between environmental complexity and biotic processes. ICES young scientists conference, Gilleleje, Denmark, 20-24 november.
- Johnson L.E., C.E. Kraft (1999) Overland dispersal of zebra mussels: Regional differences among North American lake districts. *Congrès annuel de l'Ecological Society of America*, Spokane, WA, 8-12 août.
- Johnson L.E., J.J. Dodson, W.F. Vincent, E. Bourget, J.-J. Frenette, S.G. Monismith (1999) Disruption of the St. Lawrence estuarine food web by an invasive species: The role of hydrodynamic circulation, fluvial discharge, and implications for flow management. 6<sup>th</sup> Annual International Conference on the St. Lawrence River (St. Lawrence River Institute of Environmental Sciences), Cornwall, ON, 26-28 avril.



- Lecomte F., J.J. Dodson (1999) Discrimination morphologique des populations d'éperlans de l'estuaire du Saint-Laurent: Implications et applications potentielles. Premier Atelier Nord-Américain sur l'éperlan arc-en-ciel /First North American Workshop on Rainbow Smelt, Québec, Québec 21-23 février 1999
- Lecomte F., S. Georges, J.J. Dodson (1999) Cas de la pêche de l'éperlan de la rive nord de l'estuaire moyen: Importance relative des prises provenant des deux populations de l'estuaire. Atelier sur les pêches commerciales (Ministère de l'Environnement et de la Faune Québec) Québec, Québec 12, 13 et 15 janvier 1999
- Legendre L. (1999) Contrôle physique et biologique du réseau alimentaire planctonique dans les océans. Institut Maurice-Lamontagne, Mont-Joli, Québec, 21 janvier.
- Legendre L. (1999) Flux de carbone biogène dans le milieu pélagique marin. Cours invités. Maîtrise de Biologie des populations et écosystèmes, Mention Écologie marine. Université Pierre et Marie Curie, Paris, France, 11 février-11 mars.
- Legendre L. (1999) Flux de carbone biogène dans les océans: régulation par la taille des organismes pélagiques. Université Pierre et Marie Curie, Paris, France, 26 février.
- Legendre L. (1999) Nutrient supply and structure of pelagic food webs in marine systems. Conférence invitée. GLOBEC/COP Workshop on "Large Rivers and Marine Populations", LUMCON Marine Center, Cocodrie, Louisiane, USA, 13-15 janvier.
- Legendre L. (1999) The carbon cycle in oceans and lakes: biogenic components. Conférence invitée. Cyanobacteria Risk Assessment at Biwa-ko (CRAB) Meeting, Otsu, Japon, 15-17 décembre.
- Legendre L. (1999) The International North Water Polynya Study: first results. Conférence invitée. Ocean-Atmosphere-Ice Interactions (OAI) All Hands Meeting, Norfolk, Virginia, USA, 19-22 Octobre.
- Legendre L., F. Rassoulzadegan (1999) Stable versus unstable food webs in oceans. Conférence invitée. Aquatic Sciences Meeting, Santa Fe, New Mexico, USA, 3 février.
- Lovejoy C., L. Legendre (1999) Isolation of phototrophic and mixotrophic flagellates from the North Water Polynya. Gordon Research Conference on Polar Marine Science, Ventura, California, USA, 7-12 mars.
- Lu G., L. Bernatchez, D. Basley (1999) Phylogenetic structure and origin of lake whitefish in northern Maine and southern Quebec. 25<sup>th</sup> Annual Meeting of the Atlantic International Chapter, American Fisheries Society. Septembre.
- Mei Z.-P., B. Klein, C. Hellum, B. LeBlanc, C. Lovejoy, L. Legendre (1999) Studies on the biomass and primary production of phytoplankton in the North Water Polynya. Gordon Research Conference on Polar Marine Science, Ventura, California, USA, 7-12 mars.
- Mingelbier M., F. Lecomte, J.J. Dodson (1999) Contribution des facteurs hydrologiques et climatiques aux variations des captures d'éperlan arc-en-ciel dans l'estuaire moyen du Saint-Laurent. Premier Atelier Nord-Américain sur l'éperlan arc-en-ciel /First North American Workshop on Rainbow Smelt, Québec, Québec 21-23 février 1999
- Miron G., L. Walters, R. Tremblay, E. Bourget (1999) Physiological condition and barnacle larval behavior: A preliminary look at the relationship between TAG/DNA ratio and larval substratum exploration in *Balanus amphitrite*. XXIV<sup>e</sup> congrès annuel de la Société québécoise pour l'étude biologique du comportement, Université Laval, Sainte-Foy, QC, 5-7 novembre.
- Nodwell L., N.M. Price (1999) Mixotrophic flagellates use inorganic colloidal Fe for growth. NEAS April.
- Nodwell L., N.M. Price (1999) Colloidal Fe utilization by mixotrophic phytoplankton. CEBIC annual meeting, Princeton
- Nodwell L., N.M. Price (1999) Colloidal Fe use by mixotrophic algae. Forum Québécois en Sciences de la Mer. Institut Maurice Lamontagne, Rimouski, QC. Novembre.
- Norstrom R.J., A.T. Fisk, K.A. Hobson, M.D. Loewen, M. Fortier, G.A. Stern. (1999) Organochlorine concentrations in individual species of Arctic marine zooplankton collected in the Northwater Polynya: Relationships with trophic level and body size. SETAC 20th Annual Meeting, Philadelphia, PA, 14-18 novembre.
- Olivier F., R. Tremblay, E. Bourget, D. Rittschof (1999) Barnacle settlement: field experiments on the influence of larval supply, tidal level, biofilm quality and age of *Balanus amphitrite* (Darwin) cyprids. Marine Biofouling, Plymouth, 7-9 July.
- Peers G., N.M. Price (1999) The effects of Fe deficiency on SOD activities in the marine diatom *Thalassiosira weissflogii* (clone Actin) NEAS April.

- Peers G., N.M. Price (1999) Iron regulation of superoxide dismutase activity in a marine diatom. Forum Québécois en Sciences de la Mer. Institut Maurice Lamontagne, Rimouski, QC. Novembre.
- Peers G., N.M. Price (1999) Iron regulation of superoxide dismutase activity in a marine diatom. CEBIC annual meeting, Princeton.
- Plourde S., J.A. Runge, P. Joly, B. Zakardjian (1999) Life cycle of *Calanus finmarchicus* in the lower St. Lawrence Estuary: imprint of circulation and late spring phytoplankton bloom. ICES symposium, Tromso, Norway. 24-27 août.
- Price NM (1999) The biogeochemistry of iron in the sea. Bioiron99, Sorrento, Italy May 22-29, invited.
- Price N.M. (1999) Ferric chelate reductases. CEBIC annual meeting, Princeton.
- Price N.M., V. Pretty, C. Payne (1999) Evolution of resistance in Chlorophyceae exposed to long-term cadmium stress. CEBIC annual meeting, Princeton
- Rhydderch J., L. Bernatchez, F. Kircheis (1999) Gene diversity analysis of landlocked Arctic charr from Maine, USA. 25<sup>th</sup> Annual Meeting of the Atlantic International Chapter, American Fisheries Society. Septembre.
- Ringuette M., L. Fortier, J. Runge, L. Legendre (1999) Egg production by large calanoid copepods from April to July 1998 in the North Water Polynya. Gordon Research Conference on Polar Marine Science, Ventura, California, USA, 7-12 mars.
- Roques S., J.-M. Sévigny, L. Bernatchez (1999) Evidence for unidirectional introgression at microsatellite loci between two marine fishes (*Sebastes sp.*) from the North Atlantic. VIIth Congress of the European Society for Evolutionary Biology (ESEB99), Barcelone, Août.
- St-Laurent, R., M. Legault, L. Bernatchez (1999) Genetic and morphological differentiation between dwarf and normal forms of smelt (*Osmerus mordax*) in Lac Saint-Jean. Atelier nord-américain sur l'Éperlan arc-en-ciel. Québec. Février.
- Tessier, N., L. Bernatchez (1999) Effective number of breeders in Atlantic salmon and variance in reproductive success. June, American Society of Ichthyology and Herpetology, pennsylvania State University, State College.
- Thériault V., J.J. Dodson (1999) Déterminisme de l'anadromie chez l'omble de fontaine (*Salvelinus fontinalis*): importance de la croissance pendant les jeunes stades de vie. Réunion annuelle du CIRSA (Centre Interuniversitaire de Recherche sur le saumon Atlantique), Québec, 22-23 janvier.
- Tremblay J.-E., C.D. Payne, N.M. Price (1999) How productive is the North Water Polynya? Gordon Research Conference, Ventura, CA.
- Tremblay J.-E., Y. Gratton, N.M. Price (1999) Origin and importance of different water masses in the North Water Polynya: A functional classification of sampling sites. Forum Québécois en Sciences de la Mer. Institute Maurice Lamontagne, Rimouski, QC, novembre.
- Turgeon J., L. Bernatchez (1999) Phylogeography of North American ciscoes (Pisces: Salmonidae: *Coregonus ssp.*). VII International Symposium on the Biology and Management of Coregonine Fishes. Ann Harbor, Michigan, USA, août.
- Turgeon J., L. Bernatchez (1999) Phylogeography of North American ciscoes (Pisces: Salmonidae: *Coregonus ssp.*). VIIth Congress of the European Society for Evolutionary Biology (ESEB99), Barcelone, août.

## 1998

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- Angers A., P. Magnan, L. Bernatchez (1998) Canonical correspondence analysis for estimating spatial and environmental effects on microsatellite gene diversity in brook charr. Adv Mol Ecol, NATO Advanced Study Institute, Erice, Italy. March
- Aubin-Horth N., S.P. Good, J.J. Dodson (1998) Variability in individual Atlantic salmon growth rates and the incidence of precocious male maturity. Can Conf for Fish Res, Kingston, January
- Bernatchez L. (1998) Genetic diversity of La Mauricie National Park brook char (*Salvelinus fontinalis*). Am Soc of Ichthyology and Herpetology, Guelph, Ontario. July
- Bernatchez L. (1998) Integrating molecular genetics and ecology in studies of adaptive radiation: Whitefish, *Coregonus sp.*, as a case study. Mol Gen Anim Ecol. University of Aberdeen, Scotland, septembre

- Bernatchez L. (1998) Overview of phylogeographic structure in brown trout, *Salmo trutta*. Trout Concert, Silkeborg, Denmark, juillet
- Bernatchez L. (1998) Some guidelines on the use of microsatellites for fine scale population structure and individual assignment. Ottawa, décembre
- Bernatchez L. (1998) The history of an adaptive radiation in whitefish *Coregonus* sp. Zool Soc London, septembre
- Bernatchez L. (1998) Utilité de la caractérisation génétique pour la gestion et la conservation des populations animales : cas d'application chez les poissons du Québec. Université Laval, Mars
- Bernatchez L. (1998) Utilité des outils moléculaires en gestion des populations. Université Laval, Février
- Bourget E. (1998) Patterns of benthic invertebrate settlement: The importance of spatial scales, as well as planktonic behaviour. 4th Larval Biology Meeting, University of Melbourne, Melbourne, Australie, 13-18 janvier
- Brawley S.H., R. Li, L.E. Johnson (1998) Gamete release at low tide in fucoid algae Ann. Meetings Soc. Integrative Comp. Biol., Boston, Mass., janvier
- Brawley S.H., R. Li, G. Pearson, E. Serrão, V. Speransky, L.E. Johnson (1998) Environmental effects upon reproductive success in marine algae Amer Assoc Advance Science (AAAS), Seattle, Washington, février
- Dodson J.J., P.-M. Fontaine, S.P. Good, N. Aubin-Horth (1998) Breeding success and offspring growth performance of precociously mature and anadromous male Atlantic salmon (*Salmo salar*) as revealed by microsatellites. Evol Ecol Ethol Fish, Seattle, July.
- Dodson J.J., W. Vincent, N. Bertrand, D. Thivierge (1998) The dynamics of an estuarine ecotone; trophic structure in the frontal zone of the St. Lawrence estuarine turbidity maximum. 5<sup>th</sup> annual International Conference on the St. Lawrence Ecosystem, Cornwall, Ontario, April
- Douglas M.R., P.C. Brunner, L. Bernatchez (1998) Are *Coregonus* from the Central Alpine lakes species flocks? American Society of Ichthyology and Herpetology, Guelph, Ontario. July
- Fortier L. (1998) Les oasis de l'Arctique. Biosphère de Montréal. août
- Fortier L., S. Demers, L. Legendre (1998) The scientific study of an Arctic marine oasis. Université de Kyoto, Kyoto, Japon, 10 décembre
- Garant D., J.J. Dodson, L. Bernatchez (1998) A microsatellite assessment of within-river population structuring associated with the number of spawning/nursery grounds in Atlantic salmon (*Salmo salar*). Amer Soc Ichthyol Herpetol, Guelph. July
- Garant D., J.J. Dodson, L. Bernatchez (1998) Indices de structuration génétique intra-rivière chez le saumon de l'Atlantique (*Salmo salar* L.). 66<sup>ème</sup> Congrès de l'ACFAS, Sainte-Foy. Mai
- Garton D.W., L.E. Johnson (1998) Sources of variation in growth rates of *Dreissena polymorpha* in mid western lakes, USA. Soc Int Limnol, Dublin, Irlande, août
- Gaymer C., J. Himmelman, L.E. Johnson (1998) Utilisation des ressources alimentaires chez *Leptasterias polaris* et *Asterias vulgaris* sur la côte nord du golfe du Saint-Laurent. 66<sup>e</sup> Congrès de l'ACFAS, Québec, mai
- Good S.P., J.J. Dodson, M.G. Meekan, D.A.J. Ryan (1998) Annual variation in size-selective mortality in 0+ Atlantic salmon (*Salmo salar*) alevins : Evidence from otolith microstructure. 2th Int Symp Fish Otolith Res Applic, Bergen, Norway. June 20-25
- Hammer F., R.J. McPherson, C.J. Lee, T. Martin, L. Bernatchez (1998) Mitochondrial DNA analysis of wild brook char (*Salvelinus fontinalis*) populations in northwestern Pennsylvania using PCR-SSCP. Amer Soc Ichthyol Herpetol, Guelph, Ontario. July
- Johnson L.E. (1998) Dispersal mechanisms of the zebra mussel. Zebra Mussel in Ireland Conference (Nat University Galway/Conn. Sea Grant), Galway, Irlande, février
- Johnson L.E. (1998) Dispersal of exotic aquatic species to western North America. 8<sup>th</sup> Int'l Zebra Mussel and Aquatic Nuisance Species Conference, Sacramento, Californie, mars
- Johnson L.E. (1998) Overland spread of the zebra mussel: mechanisms and prevention. MRC Memphrémagog, Magog, avril
- Johnson L.E. (1998) Canals and inland waterways as vectors of species introductions. Blueback Herring Workshop (NY Sea Grant), Syracuse, New York, juin

- Johnson L.E. (1998) Canals: functional links between ecosystems. « Canals in New York : Gateways for exotic species ? Workshop (US Fish & Wildlife Service), Syracuse, New York, septembre
- Lecomte F., J.J. Dodson (1998) Maintaining the genetic segregation of two sympatric populations of smelt in the St. Lawrence estuary ; the importance of spawning time and place. Can Conf Fish Res, Kingston, January
- Lecomte F., J.J. Dodson (1998) The collapse of the smelt fishery in the St. Lawrence middle estuary; stock management, conservation and the importance of basic biology. 5<sup>th</sup> ann Int Conf St. Lawrence Ecosystem, Cornwall, Ontario, April
- Lecomte F., J.J. Dodson (1998) Using genetic markers to identify population-specific retention zones for larval rainbow smelt (*Osmerus mordax*); testing the member-vagrant hypothesis. Evol Ecol Ethol Fish, Seattle, July.
- Lecomte F., J.J. Dodson (1998) Molecular ecology of the St.Lawrence smelts. Présentation au :Division Marine Fisheries of Massachussetts, Glouster, Massachussetts 23 au 25 mars 1998
- Lecomte F., J.J. Dodson (1998) Travaux de recherche sur l'éperlan arc-en-ciel réalisés par l'Université Laval. Atelier sur les pêches commerciales (Ministère de l'Environnement et de la Faune Québec). Québec 13-15 janvier
- Lee C.J., R.J. Mcpherson, F. Hammer, T. Martin, L. Bernatchez. (1998) Estimation of the genetic variability of a fragmented population of brook char (*Salvelinus fontinalis*) in western Pennsylvania using microsatellites. Amer Soc Ichthyol Herpetol, Guelph, Ontario. July
- Legendre L., F. Rassoulzadegan (1998) Stable *versus* unstable planktonic food webs in oceans. Conférence invitée. Eight Int Symp Microb Ecol, Halifax, Canada, 9-14 août
- Legendre L., J. Michaud (1998) Flux of biogenic carbon in oceans: size-dependent regulation by pelagic food webs. Ocean Sciences Meeting, San Diego, Californie, U.S.A., 9-13 février
- Legendre L., M. Fortier, C. Michel, L. Fortier, B. LeBlanc (1998) Dynamics and downward export of first-year ice algae and under-ice phytoplankton on the Canadian Arctic Shelf. 30th Int Liège Colloquium on Ocean Hydrodynamics. Liège, Belgique, 4-8 mai
- Legendre L. (1998) Are phytoplankton blooms a sickness of water bodies? Cyanobacteria Risk Assessment at Biwa-ko (CRAB) Meeting, Otsu, Japon, 26-28 octobre
- Legendre L. (1998) Contrôle physique et biologique du réseau alimentaire planctonique dans les océans. Université de Liège, Belgique, 25 novembre
- Legendre L. (1998) Flux de carbone biogène dans les océans : régulation par la taille des organismes pélagiques. Université de Liège, Belgique, 24 novembre
- Legendre L. (1998) Flux de carbone biogène dans les océans : régulation par la taille des organismes pélagiques. Université de Perpignan, France, 16 juillet
- Legendre L. (1998) Flux of biogenic carbon in oceans: size-dependent regulation by pelagic food webs. Conférence invitée. Cyanobacteria Risk Assessment at Biwa-ko (CRAB) Meeting, Otsu, Japon, 26-28 octobre.
- Legendre L. (1998) Food-web structure and fluxes of biogenic carbon in polar marine waters. Conférence invitée en séance plénière. 32e Congrès annuel, Soc Can Météorol Océanogr, Halifax, Canada, 1-4 juin.
- Legendre L. (1998) Physical *versus* biological control of the planktonic food web. Université de Kyoto, Kyoto, Japon, 10 décembre
- Lu G., L. Bernatchez, A. Chouinard (1998) Correlation between the extent of reproductive isolation and morphological specialization among sympatric whitefish ecotypes (*Coregonus* sp.) as revealed by microsatellites and morphological analyses. June, Soc Study of Evolution, Vancouver.
- Lu G., L. Bernatchez (1998) Correlation between the extent of reproductive isolation and morphological specialization among sympatric whitefish ecotypes (*Coregonus* sp.) as revealed by microsatellites and morphological analyses. July, Amer Soc Ichthyol Herpetol, Guelph, Ontario
- Lu G., L. Bernatchez (1998) Évidences expérimentales de l'isolement reproductif entre les morphotypes sympatriques de Grand Corégone (*Coregonus clupeaformis* Mitchell). Mai, 66ème Congrès de l'ACFAS, Sainte-Foy.
- Maranger R., D.M. Bird, N.M. Price (1998) Iron acquisition by ingestion of bacteria in an open sea photosynthetic flagellate. FEMS Marine Microbiology Meeting, Spain. May 17-21
- Meekan M.G., J.J. Dodson, S.P. Good, D.A.J. Ryan (1998) Otolith- and fish-size relationships, measurement error and size-selective mortality during the early life of Atlantic salmon, *Salmo salar*. 2d Int Symp Fish Otolith Res Application, Bergen, Norway. June 20-25

- Niquil N., A. Sakka, L. Legendre, B. Delesalle (1998) Trophic structure and stability of the planktonic food web of an atoll lagoon (Takapoto, French Polynesia). European Meeting, International Society for Reef Studies, Perpignan, France, 1-4 septembre.
- Nodwell L., N.M. Price (1998) Ingestion of inorganic iron colloids by mixotrophic marine phytoplankton. Forum Québécois en Sciences de la Mer. Université Laval, QC, octobre.
- Pesant S., E. Bauerfiend, M. Johnson, L. Legendre, M. Gosselin, O. Haupt (1998) Downward export of phytoplankton production in the Northeast Water Polynya: Influence of wind and hydrodynamic conditions. 30th Int Liège Colloquium on Ocean Hydrodynamics. Liège, Belgium, 4-8 mai
- Ritzrau W., S. Pesant, D. Piepenburg, G. Graf, L. Legendre, R. Ramseier (1998) Benthic-pelagic coupling in the Northeast Water Polynya: A self-sustaining system vs. potential export from a semi enclosed Arctic ecosystem. 30th Int Liège Colloquium on Ocean Hydrodynamics. Liège, Belgium, 4-8 mai
- Roques S., L. Bernatchez (1998) A study of the North Atlantic redfish species complex (genus *Sebastes*); usefulness of microsatellites for intra- and inter-specific differentiation. Amer Soc Ichthyol Herpetol, Guelph, Ontario. July
- Roques S., L. Bernatchez (1998) La variabilité génétique des sébastes de l'Atlantique du nord: les microsatellites peuvent-ils adresser la question d'interspécificité? Mai, 66ème Congrès de l'ACFAS, Sainte-Foy.
- Runge J.A., B. Zakardjian, I.A. McLaren, S. Plourde, P. Joly, Y. Gratton (1998) The life history of *Calanus finmarchicus* in coastal waters of eastern Canada. GLOBEC Annual meeting, University of British Columbia, Vancouver, B.C., January
- Saint-Laurent R., J. Turgeon, L. Bernatchez (1998) Différenciation génétique et morphologique de deux formes de ciscos, *Coregonus* sp. (Coregonidae: Poissons) du lac Nipigon. 66ème Congrès de l'ACFAS, Sainte-Foy. Mai
- Sakka A., L. Legendre, B. LeBlanc, M. Gosselin, B. Delesalle (1998) Which nutrient limits the algal growth in the closed atoll lagoon of Takapoto, French Polynesia? Ocean Sciences Meeting, San Diego, Californie, U.S.A. (Prix de la meilleure affiche étudiante, Session "Biogéochimie cyclique, distribution des nutriments, et régulation biologique"). 9-13 février
- Sirois P., J.J. Dodson (1998) The energetic consequences of feeding in a turbid estuarine environment. Canadian Conference for Fisheries Research, Kingston, January
- Tessier N., L. Bernatchez (1998) A mtDNA and microsatellite of single vs multiple origins of landlocked Atlantic salmon (*Salmo salar*) from Lake St-Jean, Québec, (Canada), Amer Soc Ichthyol Herpetol, Guelph, Ontario. July
- Tessier N., L. Bernatchez (1998) Caractérisation génétique et impact des ensemencements sur les populations de ouananiche (*Salmo salar* L.) du lac Saint-Jean, 66ème Congrès de l'ACFAS, Sainte-Foy. Mai
- Touratier F., L. Legendre, A. Vézina, J.-H. Hecq (1998) Northeast Water Polynya 1993: modeling of pelagic ecosystem. Ocean Sciences Meeting, San Diego, Californie, U.S.A., 9-13 février.
- Turgeon J., A. Estoup, L. Bernatchez (1998) Molecular ecology of the Lake Nipigon Ciscoes (Salmonidae) species flocks. Soc for the Study of Evolution, Vancouver. June
- Turgeon J., A. Estoup, L. Bernatchez (1998) The Lake Nipigon ciscoes species flock: Ecomorphological and microsatellite assessment, Adv Mol Ecol, NATO Advanced Study Institute, Erice, Italy. March
- Turgeon J., L. Bernatchez (1998) Lake Nipigon ciscoes species flocks (*Coregonus* spp.): an ecomorphological and microsatellite assessment., Amer Soc of Ichthyol Herpetol, Guelph, Ontario, July
- Zakardjian B., Y. Gratton, Y. Lu, I.A. McLaren, S. Plourde, J.A. Runge, J. Sheng, K. Thompson (1998) Coupling of the life-cycle of *Calanus finmarchicus* with the hydrodynamics of the Gulf of St. Lawrence-Scotian Shelf System. CMOS Annual meeting, Halifax, N.S., June
- Zakardjian B., Y. Gratton, Y. Lu., I.A. McLaren, S. Plourde, J.A. Runge, J. Sheng, K Thompson (1998) Coupling of the life-cycle of *Calanus finmarchicus* with the hydrodynamics of the Gulf of St. Lawrence-Scotian Shelf System. Ocean Sciences Meeting, San Diego, Ca, February

## 1997

- Angers A., L. Bernatchez (1997) Mitochondrial and microsatellite DNA diversity among Mauricie National Park brook charr populations: A microdimensional study of intraspecific phylogeography. June, American society of Ichthyology and Herpetology, Seattle.

- Archambault P., E. Bourget (1997) Coastal topographical heterogeneity: Influence on recruitment of littoral benthic invertebrates. 25th Annual Benthic Ecology Meeting, Portland, Maine, 3-6 avril 1997
- Bernatchez L., C.C. Wilson (1997) Comparative phylogeography of nearctic and palearctic freshwater fishes. June, American society of Ichthyology and Herpetology, Seattle.
- Bonnardelli J.C., J.H. Himmelman, K. Drinkwater (1997) Relation of spawning of the giant scallop, *Placopecten magellanicus*, to temperature fluctuations during downwelling events. 11th International Pectinid Workshop, La Paz, Mexico, 10-15 mai
- Bourget E. (1997) Comportement larvaire des invertébrés benthiques. Club comportement, Université Laval, Québec, 25 mars
- Bourget E. (1997) Échelles spatiales et fixation des larves d'invertébrés benthiques. GIROQ, Département de biologie, Université Laval, Octobre
- Bourget E. (1997) Hétérogénéité topographique, échelles spatiales et structure des communautés benthiques littorales. Séminaire GDR Manche, Laboratoire maritime, Wimereux, France 24-25 novembre
- Chouinard A., L. Bernatchez (1997) Ecological speciation in sympatric pairs of lake whitefish (*Coregonus clupeaformis*, Salmonidae). June, American society of Ichthyology and Herpetology, Seattle.
- Dodson J.J. (1997) L'écologie de l'estuaire moyen du Saint-Laurent: la vie dans les eaux turbides. INRS-eau, Ste-Foy, Avril
- Dodson J.J., N. Bertrand, D. Thivierge, W. Vincent (1997) Trophodynamics of a larval fish nursery; hydrodynamic control of trophic structure in the frontal zone of the St. Lawrence estuary maximum turbidity zone. American Society of Limnologists and Oceanographers, February 10-14, Santa Fe, New Mexico.
- Fortier L. (1997) The International North Water Polynya Study. Société Royale du Canada 15 avril
- Fortier L., M. Fortier (1997) Effect of ice-related primary production on zooplankton and fish larvae. Gordon Conference, Ventura, CA. 5 mars
- Fortier M., L. Fortier, L. Legendre (1997) Population dynamics and reproduction of small egg-bearing cyclopoid and calanoid copepods in seasonally ice-covered Barrow Strait (Canadian Arctic Archipelago) in spring. Gordon Research Conference on Sea Ice Ecology, Ventura, California, USA, 3 mars.
- Freites L.F., C. Lodeiros, C. Morales, Côté, J.H. Himmelman (1997) Effect of sea waves on growth of tropical scallops *Euvola zizyae* and *Nodipecten nodosus* in hanging culture in the Gulf of Cariaco, Venezuela. 11th International Pectinid Workshop, La Paz, Mexico, 10-15 mai
- Frenette J.-J., W.F. Vincent, L. Legendre, T. Nagata, K. Kawabata, M. Kumagai (1997) Biological responses to typhoon-induced mixing in two morphologically distinct basins of Lake Biwa. International Symposium on A New Strategy for Water Environmental Research 1997 ANSWER'97, Wuxi & Nanjing, Chine, 20-25 juillet.
- Garton D.W., L.E. Johnson (1997) Environmental influences of depth and temperature on growth and recruitment of zebra mussels in an inland lake. Seventh International Zebra Mussel and other Aquatic Nuisance Species Conference, New Orleans, LA, 27-30 jan.
- Glémet H., P. Blier, L. Bernatchez (1997) Physiological evidence from Brook char, *Salvelinus fontinalis*, supporting positive selection of mitochondrial DNA introgression. June, American society of Ichthyology and Herpetology, Seattle.
- Granger J., N.M. Price (1997) The availability of siderophore bound Fe to marine eubacteria. . Gordon Research Conference, Chemical Oceanography, KUA, NH.
- Guichard F., E. Bourget (1997) Topographic disturbance on rocky shores: the scale-dependent response of benthic communities. Ecological Society of America 1997 Annual Meeting, Albuquerque, NM, USA, 10-14 août
- Guichard F., E. Bourget (1997) Predicting intertidal benthic diversity and biomass from hydrodynamics: the importance of topographical scales. 25th Annual Benthic Ecology Meeting, Portland, Maine, 3-6 avril
- Himmelman J.H., D.J. Arsenault (1997) Relation of spawning in the Iceland scallop (*Chlamys islandica*) to environmental factors. 11th International Pectinid Workshop, La Paz, Mexico, 10-15 mai
- Johnson L.E. (1997) Ontogenetic vulnerability of seaweeds: bigger is not always better. University of Wisconsin, Green Bay, November 13
- Johnson L.E. (1997) Overland dispersal mechanisms of the zebra mussel: myths, reality, and common sense. Heartland Zebra Mussel Information Workshop, Kansas City, MO, November 18.

- Johnson L.E. (1997) Range expansion of the zebra mussel in North America: predictions for the West. Heartland Zebra Mussel Information Workshop, Kansas City, MO, November 18
- Johnson L.E. (1997) Use of cross-polarizing light for detecting and enumerating veligers of the zebra mussels in plankton samples. Heartland Zebra Mussel Information Workshop, Kansas City, MO, November 18
- Johnson L.E. (1997) Invasion biology of the zebra mussel: dispersal vectors and their limitations. Second Northeast Conference on Non-Indigenous Aquatic Species, Burlington, VT, USA, 18-19 avr.
- Johnson L.E. (1997) Risk Assessment I: transmittal vectors, and "mussel invincibility myths". Western Zebra Mussel Information and Monitoring Workshop, U.S. Fish and Wildlife Service, Portland, OR, 10-12 mars.
- Johnson L.E. (1997) Risk Assessment VII: mussel introductions to inland lakes - the Michigan experience. Western Zebra Mussel Information and Monitoring Workshop, U.S. Fish and Wildlife Service, Portland, OR, 10-12 mars.
- Johnson L.E. (1997) La moule zébrée dans le fleuve St.-Laurent: quelles sont les possibilités? GIROQ, Université Laval, avril 1997.
- Johnson L.E. (1997) Use of cross-polarized light for zebra mussel identification. Western Zebra Mussel Information and Monitoring Workshop, U.S. Fish and Wildlife Service, Portland, OR, 10-12 mars.
- Johnson L.E. (1997) Westward expansion of the zebra mussel: will the spread be slowed by dispersal and demographic limitations? American Fisheries Society, Monterey, CA, USA, 25-28 août
- Johnson L.E., T. Horvath, G.A. Lamberti, D.M. Lodge (1997) Mechanisms of the geographical spread of zebra mussel over different spatial scales. American Society of Limnology and Oceanography, Santa Fe, NM, 10-14 fev.
- Kraft K., L.E. Johnson (1997) The overland dispersal of zebra mussels to inland lakes: slowing down or an unusual summer? Seventh International Zebra Mussel and other Aquatic Nuisance Species Conference, New Orleans, LA, 27-30 jan.
- Legendre L. (1997) Growth of algal cells in three different marine environments: open waters, coral reefs, and springtime sea ice. Gordon Research Conference on Sea Ice Ecology, Ventura, California, USA, 5 mars.
- Legendre L. (1997) Environmental fate of biogenic carbon in lakes. Conférence invitée. International Symposium on A New Strategy for Water Environmental Research 1997 ANSWER'97, Wuxi & Nanjing, Chine, 20-25 juillet.
- Legendre L. (1997) Estimation du flux de carbone organique particulaire hors de la zone euphotique de l'océan. Centre d'océanographie de Marseille, France, 18 juin.
- Legendre L. (1997) Estimation du flux de carbone organique particulaire hors de la zone euphotique de l'océan. Centre ORSTOM, Papeete, Polynésie Française, 11 avril.
- Legendre L. (1997) Estimation du flux de carbone organique particulaire hors de la zone euphotique de l'océan. Département de biologie, Université Laval, 23 janvier.
- Legendre L. (1997) Flux of particulate organic material from the euphotic zone of ocean: Estimation from phytoplankton biomass. Ocean Sciences Meeting, Santa Fe, New Mexico, USA, 14 février.
- Legendre L. (1997) How could we take advantage of the original characteristics of Canadian marine sciences research? Workshop on the Future Directions for Marine Sciences in Canada, St. John's, Terre-Neuve, Canada, 22-24 mai 1997.
- Legendre L., J. Michaud (1997) Flux de carbone biogène dans les océans: régulation par la taille des organismes pélagiques. Université Laval, Québec, 13 novembre.
- Legendre L., J. Michaud (1997) Flux de carbone biogène dans les océans: régulation par la taille des organismes pélagiques. Université de Bretagne Occidentale, Brest, France, 9 octobre.
- Legendre L. (1997) Phytoplankton blooms: Implications for the flux of biogenic carbon in aquatic environments. Conférence invitée. Cyanobacteria Risk Assessment at Biwa-ko (CRAB) Meeting, Monterey, Californie, U.S.A., 15-19 septembre.
- Legendre L., J. Michaud (1997) Flux of biogenic carbon in oceans: size-dependent regulation by pelagic food webs. Northwater Polynya Workshop, Tokyo, Japon, 9 décembre.
- Legendre L., J. Michaud (1997) Flux of biogenic carbon in oceans: size-dependent regulation by pelagic food webs. Delta Institute, Yerseke, Pays-Bas, 21 novembre.

- Legendre L., J. Michaud (1997) Flux of biogenic carbon in oceans: size-dependent regulation by pelagic food webs. Université de Groningen, Pays-Bas, 19 novembre.
- Legendre L., B. Robineau, B. LeBlanc (1997) Picocyanobacteria in the first-year sea ice and ice-covered waters of the Northern Hemisphere. International Symposium on Marine cyanobacteria and related organisms. Institut Océanographique, Paris, France, 24-28 novembre.
- Lovejoy C., L. Legendre, J.-C. Therriault, W.F. Vincent (1997) Marine nanoplankton and bacteria: Trophic domains in the Gulf of St. Lawrence. Tenth International Congress of Protozoology, Sydney, Australie, 21-25 juillet.
- Martin S., J.-Y. Savaria, C. Audet, L. Bernatchez (1997) Microsatellites reveal no evidence for inbreeding effects but low-inter-stock genetic diversity among brook charr stocks used for production in Québec. Association Aquacole du Canada, Québec, juin.
- McKindsey C, E. Bourget (1997) Diversity of rocky intertidal communities through succession: A matter of perspective. 25th Annual Benthic Ecology Meeting, Portland, Maine, 3-6 avril 1997
- Meekan M., J.J. Dodson, D. Ryan, S. Good (1997) Relationships between otolith and somatic growth and the detection of size-selective mortality in young Atlantic salmon. American Society of Ichthyologists and Herpetologists (Larval Fish Conference). Seattle, Wash. USA. June 26-July 2.
- Michel C., L. Legendre (1997) Export of ice algae under first-year sea-ice at low and high latitudes in the Northern Hemisphere. Twelfth International Symposium on Okhotsk Sea & Sea Ice, Mombetsu, Japon, 2-5 février.
- Michel C., L. Legendre, H. Hattori, H. Saito (1997) Does copepod grazing determine the fate of ice algae under first-year sea ice in the Northern Hemisphere? Comparative results from high and low latitudes. Gordon Research Conference on Sea Ice Ecology, Ventura, California, USA, 5 mars.
- Miron G., B. Boudreau, E. Bourget (1997) Distribution of intertidal barnacles: a case study using multiple working hypotheses approach. 25th Annual Benthic Ecology Meeting, Portland, Maine, 3-6 avril
- Niquil N., A. Sakka, G.A. Jackson, B. Delesalle, L. Legendre (1997) Food-web analysis of the plankton ecosystem in the lagoon of Takapoto Atoll, French Polynesia. Ocean Sciences Meeting, Santa Fe, New Mexico, USA, 13 février.
- Price N.M., M.T. Maldonado, J. Granger (1997) Utilization of complexed Fe by eucaryotic marine phytoplankton. Gordon Research Conference, Chemical Oceanography, KUA, NH.
- Ricciardi T., L.E. Johnson (1997) The zebra mussel: a classic marine mussel lifestyle in a freshwater environment. Benthic Ecology Meetings, Portland, ME, 3-6 avr.
- Sirois P., J.J. Dodson (1997) Influence of turbidity and prey density in growth and consumption rates of smelt larvae (*Osmerus mordax*). American Society of Ichthyologists and Herpetologists (Larval Fish Conference). Seattle, Wash. USA. June 26-July 2.
- Tessier N., L. Bernatchez (1997) Temporal changes in the genetic diversity of landlocked Atlantic salmon populations assessed by microsatellite DNA polymorphism. June, American society of Ichthyology and Herpetology, Seattle.
- Walters L.J., G. Miron, E. Bourget (1997) Endoscopy to directly observe surface exploration by larvae of sessile Marine invertebrates. 25th Annual Benthic Ecology Meeting, Portland, Maine, 3-6 avril

## 1996

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- Ahner B.A., J.G. Lee, N.M. Price, F.M.M. Morel (1996) Phytochelatin: A barometer of Cd utilization and Cd toxicity in the open ocean? Ocean Sciences Meeting, San Diego, CA, USA, janvier
- Angers A., L. Bernatchez (1996) Evolution of an imperfect microsatellite locus and implications on population divergence estimates. Society for the Study of Evolution, St. Louis, MISS, USA, juin
- Archambault P., E. Bourget (1995) Influence de l'hétérogénéité côtière sur les peuplements benthiques de l'étage intertidal de l'estuaire maritime du St-Laurent. ACFAS, Chicoutimi, QC, Canada, mai
- Archambault P., B. Bang, E. Bourget, J.C. Roff, R.G. Ingram (1996) The CHASE experiment: Nearshore distribution and abundance of zooplankton in relation to hydrodynamics. 28th International Liège Colloquium on Ocean Hydrodynamics «Modelling hydrodynamically dominated marine ecosystems», Liège, Belgique, mai
- Archambault P., E. Bourget, B. Bang, J.C. Roff, R.G. Ingram (1996) The CHASE experiment: Coastal topographic heterogeneity and the accumulation of zooplankton. An effect of retention, local production or reproduction?



- Conférence Zone côtière Canada 96. Les zones côtières: gestion intégrée et développement durable, Rimouski, QC, Canada, août
- Ardisson P.-L., E. Bourget (1996) A study of the relationship between runoff and benthos abundance: A scale-oriented approach. Land-Ocean Interactions in the coastal zone, Second International Symposium on Functioning of Coastal Ecosystems in Various Geographical Regions, Université de Gdansk, Sopot, Pologne, septembre
- Bernatchez L. (1995) Étude l'ADN mitochondrial chez l'Éperlan anadrome: un test génétique de l'hypothèse "Member/Vagrant". Université de Montpellier II, Montpellier, France, novembre
- Bernatchez L. (1995) Use of molecular systematics in defining evolutionarily significant units in northern fishes. University of Arizona, Tuscon, AR, USA, décembre
- Bernatchez L. (1996) Global patterns in fish intraspecific mtDNA diversity. Society for the Study of Evolution, St-Louis, MISS, USA, juin
- Bernatchez L. (1996) Systématique moléculaire, évolution parallèle et définition d'unités de conservation chez les poissons. Université Laval, Québec, QC, Canada, mars
- Bernatchez L. (1996) The history of an adaptive radiation in whitefishes (*Coregonus*). University of British Columbia, Vancouver, Canada, septembre
- Bernatchez L., A. Chouinard, D. Pigeon (1996) The evolutionary history of adaptive radiation in *Coregonus*. Endless forms; species and speciation, Asilomar, CA, USA, mai
- Blanchard D., E. Bourget (1996) Hierarchical scales of coastal heterogeneity and benthic intertidal species diversity and abundance. Conférence Zone côtière Canada 96. Les zones côtières: gestion intégrée et développement durable, Rimouski, QC, Canada, août
- Bourget E. (1995) Le programme de recherche hétérogénéité côtière (CHASE): une approche novatrice pour évaluer l'impact des grands aménagements côtiers. Séminaire technique en environnement: dépollution du littoral et des sites miniers. Conférence organisée par le ministère de l'Environnement et de l'Aménagement du territoire tunisien. Tunis, Tunisie, mai
- Bourget E. (1995) Le programme de recherche hétérogénéité côtière (CHASE): une approche novatrice pour évaluer l'impact des grands aménagements côtiers. Séminaire technique sur l'environnement du littoral et l'environnement minier. Conférence organisée par le ministère des Affaires Etrangères et du Commerce International du Canada. Rabat, Maroc, mai
- Bourget E. (1996) Commentaires critiques sur les approches en écologie marine et en océanographie biologique. Université d'Aix-Marseille II, campus de Luminy, Marseille, France, novembre
- Bourget E. (1996) Commentaires critiques sur les approches utilisées dans les sciences aquatiques. INRS-Eau, Ste-Foy, QC, Canada, février
- Bourget E. (1996) Facteurs de répartition d'une espèce littorale commune, *Semibalanus balanoides*, sur la côte est canadienne (importance de l'apport larvaire, de la condition physiologique, du comportement et de la génétique des larves). Université d'Aix-Marseille II, campus de Luminy, Marseille, France, novembre
- Bourget E. (1996) Le «déterminisme» du recrutement chez quelques espèces benthiques littorales: importance des échelles spatiales. Laboratoire Arago, Banyuls-sur-Mer, France, décembre
- Bourget E. (1996) Modèles de production et de flux d'énergie. Université d'Aix-Marseille II, campus de Luminy, Marseille, France, décembre
- Bourget E. (1996) Processus actifs et passifs de fixation chez les larves d'invertébrés benthiques. Station marine d'Endoume. Endoume, France, octobre
- Bourget E. (1996) Quelques commentaires critiques sur les approches utilisées dans les sciences aquatiques. Centre océanographique de Rimouski, QC, Canada, janvier
- Bourget E., M. Harvey (1996) Passive and active processes involved in the settlement of scallop larvae on filamentous substrata. Settlement and metamorphosis of marine invertebrate larvae. University of Plymouth, UK, juillet
- Bourget E. (1996) Le «déterminisme» du recrutement chez quelques espèces benthiques littorales: importance des échelles spatiales. Université d'Aix-Marseille II, campus de Luminy, Marseille, France, décembre

- Brunner P.C., M.R. Douglas, L. Bernatchez (1996) Is Arctic charr, *Salvelinus alpinus* L., a genetically depauperate species? A microsatellite and mtDNA perspective. American society of Ichthyology and Herpetology, New Orleans, LA, USA, juin
- Chase Z., N.M. Price (1996) Iron retention by protozoan grazers. Ocean Sciences Meeting, San Diego, CA, USA, janvier
- Chouinard A., D. Pigeon, L. Bernatchez (1996) MtDNA phylogeographic structure in Lake whitefish (*Coregonus clupeaformis*): evidence for multiple origins of dwarf and normal morphotypes in northeastern North America. Society for the Study of Evolution, St-Louis, MISS, USA, juin
- Claerebout M.R., Y. Tessier, W.J.S. Currie, J.C. Roff (1996) The CHASE experiment: multifractal modelling centimetre to kilometre scale variability in plankton abundance in coastal waters. 28th International Liège Colloquium on Ocean Hydrodynamics «Modelling hydrodynamically dominated marine ecosystems», Liège, Belgique, mai
- Cusson M., E. Bourget (1996) Scales of topographic heterogeneity: Their influence on the structure of a soft-bottom benthic community. 24th Benthic Ecology Meeting. The University of South Carolina, Columbia, SC, USA, mars
- Dodson J.J. (1996) Les écosystèmes de l'estuaire moyen du fleuve St-Laurent, Conférencier invité, Département des sciences biologiques, Université de Montréal, Montréal, QC, Canada, octobre
- Dodson J.J., F. Colombani, J. Carscadden (1996) Holarctic phylogeographic structure in mtDNA of capelin *Mallotus villosus*. Canadian Conference for Fisheries Research, Ottawa, ONT, Canada, janvier
- Douglas M.R., P.C. Brunner, L. Bernatchez (1996) Relationships of some central Alpine coregonid populations (*Coregonus* spp., Salmoniformes) as revealed by microsatellite DNA analysis. American society of Ichthyology and Herpetology, New Orleans, LA, USA, juin
- Fontaine P.-M., J.J. Dodson, L. Bernatchez, A. Slettan (1996) Microsatellite polymorphisms of Québec Atlantic salmon (*Salmo salar*) populations. Canadian Conference for Fisheries Research, Ottawa, ONT, Canada, janvier
- Fortier L. (1996) La nutrition et la croissance des poissons sont-elles limitées pendant la phase larvaire? INRS-Océanologie, QC, Canada, décembre
- Fortier L. (1996) Le déclin des stocks de morue de l'Atlantique: rôle de la croissance larvaire dans le déterminisme du recrutement. Département de biologie, Université du Québec à Montréal, QC, Canada, avril
- Fortier L. (1996) Des oasis dans le désert de glace. Les Nocturnes du Biodôme de Montréal, QC, Canada, janvier
- Garton D.W., L.E. Johnson (1996) Population ecology of zebra mussels in inland lakes. Sixth International Zebra Mussel and other Aquatic Nuisance Species Conference, Dearborn, MI, USA, mars
- Glémet H., P. Blier, L. Bernatchez (1996) Are introgressed brook charr better performers at cold temperatures? Canadian Conference for Fisheries Research, Montréal, QC, Canada, janvier
- Glémet H., P. Blier, P. Boily, L. Bernatchez (1996) The evolutionary significance of mtDNA introgression assessed by physiological performance in brook charr (*Salvelinus fontinalis*). Society for the Study of Evolution, St-Louis, MISS, USA, juin
- Good S., M. Meekan, J.J. Dodson (1996) Relationship between early life history events and otolith growth in Atlantic salmon larvae. Canadian Conference for Fisheries Research, Ottawa, ONT, Canada, janvier
- Guichard F., E. Bourget, J.-L. Robert (1996) The CHASE experiment: Can the scaling of shore topography and hydrodynamics help predict the spatial structure of benthic communities? Conférence Zone côtière Canada 96. Les zones côtières: gestion intégrée et développement durable, Rimouski, QC, Canada, août
- Guichard F., E. Bourget, J.-L. Robert (1996) The CHASE experiment: Coupling scales of topographic heterogeneity, hydrodynamics and spatial structure of shore benthic communities. 28th International Liège Colloquium on Ocean Hydrodynamics «Modelling hydrodynamically dominated marine ecosystems», Liège, Belgique, mai
- Ingram R.G. (1995) Climate change and Hudson Bay. Finnish Global Change Program, Canadian LOICZ. Kuhmo, Finlande, novembre
- Ingram R.G. (1995) Interannual variability in Hudson Bay. Arctic and Antarctic Institute. St. Petersburg, Russie, novembre
- Ingram R.G. (1996) Climate change and Hudson Bay. Canadian Council on Fisheries. Montréal, QC, Canada, janvier
- Ingram R.G. (1996) Interannual variability in Hudson Bay. ACFAS, McGill, Montréal, QC, Canada, mai

- Johnson L.E. (1995) Transmittal vectors and "mussel invincibility myths". Zebra Mussels Invade Dixie! Zebra Mussel Teleconference. Florida Sea Grant Program, University of Florida, Gainesville, FL, USA, septembre
- Johnson L.E., C.E. Kraft, J. Hieb, P. Marangelo (1996) The overland dispersal of zebra mussels: Current status and trends in the Great Lake Region. Sixth International Zebra Mussel and other Aquatic Nuisance Species Conference, Dearborn, MI, USA, mars
- Klein B., L. Legendre, E. Tamigneaux, L. Mousseau, M. Mingelbier, S. Dauchez (1996) Year-round occurrence of the multivorous food web in temperate neritic waters. Ocean Sciences Meeting, San Diego, CA, USA, février
- Lauga D., E. Bourget (1996) Influence de l'hétérogénéité côtière sur l'abondance de phytoplancton et la croissance de *Mytilus edulis* dans le littoral de l'estuaire du St-Laurent. Conférence Zone côtière Canada 96. Les zones côtières: gestion intégrée et développement durable, Rimouski, QC, Canada, août
- Legendre L. (1996) Exportation du carbone biogène dans les océans: contrôle par les réseaux trophiques et les conditions du milieu. Centre ORSTOM, Papeete, Tahiti, Polynésie Française, avril
- Legendre L. (1996) Fluxes of biogenic carbon in oceans: biological approaches. International Workshop on the Okhotsk Sea and Arctic, Tokyo, Japon, février-mars
- Legendre L. (1996) The special role of very small organisms in sustaining the production of large animals in seasonally ice-covered waters. Eleventh International Symposium on Okhotsk Sea & Sea Ice / Peoples living by ice-covered seas, Mombetsu, Japon, février
- Legendre L., F. Rassoulzadegan (1996) Food web mediated export of biogenic carbon in oceans: environmental Control. Conférencier invité. Ocean Sciences Meeting, San Diego, CA, USA, février
- Legendre L., F. Rassoulzadegan (1996) Food-web mediated export of biogenic carbon in oceans: environmental control. Twenty Eight International Liège Colloquium on Ocean Hydrodynamics, Liège, Belgique, mai
- Maldonado M.T., N.M. Price (1996) Iron acquisition by phytoplankton: Laboratory and field results. Ocean Sciences Meeting, San Diego, CA, USA, janvier
- Martin S., J.-Y. Savaria, G.-Y. Maynard, C. Audet, G.Y. Maynard, L. Bernatchez (1996) Genetic improvement of brook charr (*Salvelinus fontinalis*) used for production in Québec. Association Aquacole du Canada, Ottawa, ONT, Canada, juin
- McKindsey C.W., E. Bourget (1996) Succession and diversity in the rocky intertidal: What is really going on? Conférence Zone côtière Canada 96. Les zones côtières: gestion intégrée et développement durable, Rimouski, QC, Canada, août
- Miron G., B. Boudreau, E. Bourget (1996) The effect of larval supply, habitat selection, and early post-settlement mortality on small scale distribution of barnacles. Settlement and Metamorphosis of Marine Invertebrate Larvae. University of Plymouth, UK, juillet
- Nieke B., A. Condal, C. Gold, L. Legendre, J.-C. Therriault (1996) Mapping of chlorophyll *a* concentrations from airborne lidar data in case 2 waters: Is krigging or Voronoi the better suited method? Ocean Sciences Meeting, San Diego, CA, USA, février
- Nowak R., S. Lovejoy, Y. Tessier, M. Claereboudt, P. Garrido, J. Roff, R.G. Ingram, D. Schertzer, E. Bourget (1996) Complex and vector cascade approach to multifractal marine data for Chase. 28th International Liège Colloquium on Ocean Hydrodynamics «Modelling hydrodynamically dominated marine ecosystems», Liège, Belgique, mai
- Payne C.D., N.M. Price (1996) Phylogenetic trends in trace metal toxicity of marine phytoplankton. Ocean Sciences Meeting, San Diego, CA, USA, janvier
- Pearce C.M., J.L. Manuel, S.M. Gallagher, R.K. O'Dor, E. Bourget (1996) The effect of water-column stratification on depth of larval scallop settlement. Settlement and Metamorphosis of Marine Invertebrate Larvae. University of Plymouth, UK, juillet
- Pigeon D., J.J. Dodson, L. Bernatchez (1996) Spatio-temporal distribution of sympatric smelt larvae populations in an estuarine contact zone assessed by mtDNA variation. Society for the Study of Evolution, St-Louis, MISS, USA, juin
- Savenkoff C., A. Vézina, T.T. Packard, N. Silverberg, J.-C. Therriault, W. Chen, C. Bérubé, A. Mucci, B. Klein, F. Mesplé, J.-E. Tremblay, L. Legendre, J. Wesson, R.G. Ingram (1996) Oxygen and nutrient variations in the deep layer of the Gulf of St. Lawrence and their implication for the carbon cycle. Ocean Sciences Meeting, San Diego, CA, USA, février

- Schmitt F., D. Schertzer, S Lovejoy, Y Brunet (1996) Multifractal properties of temperature fluctuations in turbulence. Fractals Chaos Chem Eng, CFIC 96, Rome, Italie, juin
- Sirois P, JJ Dodson (1996) Analysis at the individual level of the relationships between egg diameter, otolith microstructure and length at hatching of rainbow smelt, *Osmerus mordax*. Canadian Conference for Fisheries Research, Ottawa, ONT, Canada, janvier
- Tessier N, L Bernatchez (1996) Mitochondrial and microsatellite DNA analyses reveal strong genetic divergence among sympatric populations of landlocked Atlantic salmon (*Salmo salar*). Society for the Study of Evolution, St-Louis, MISS, USA, juin
- Tessier N, L Bernatchez (1996) Structure génétique des populations sympatriques de Ouananiche (*Salmo salar*) du Lac Saint-Jean, Québec. Canadian Conference for Fisheries Research, Montréal, QC, Canada, janvier
- Tessier Y, MR Claereboudt, S Lovejoy, R Nowak, J Roff, E Bourget, RG Ingram, D Schertzer (1996) Universal multifractal analysis of plankton and related physical variables gathered during the CHASE experiment. Twenty eight International Liège Colloquium on Ocean Hydrodynamics «Modelling hydrodynamic ally dominated marine ecosystems», Liège, Belgique, mai
- Tian R-C, A Vézina, L Legendre (1996) Modeling of carbon biogeochemical cycles in cold seas: an application to the Gulf of St-Lawrence. Twenty Eight International Liège Colloquium on Ocean Hydrodynamics, Liège, Belgique, mai
- Tortell PD, NM Price (1996) Iron requirements of marine heterotrophic bacteria: Effects of Fe deficiency on growth and cellular metabolism. Ocean Sciences Meeting, San Diego, CA, USA, janvier
- Walters LJ, G Miron, E Bourget (1996) Direct observations of invertebrate larval exploration of substrata and settlement via endoscopy. Settlement and metamorphosis of marine invertebrate Larvae. University of Plymouth, UK, juillet