

## Articles publiés avec comité de lecture

Atse CB, Audet C, de la Noue J (2002) Effects of emperature and salinity on the reproductive success of Arctic charr, *Salvelinus alpinus* (L.) : egg composition, milt characteristics and fry survival Aquac Research 33(4):299-309

Blaise C, Gagné F, Pellerin J, Hansen P, Trottier S (2002) Molluscan shellfish b Omarker study of the Québec, Canada, Saguenay Fjord with the soft-shell clam, *Mya arenaria* Environ Toxicol 17(3):170-186

Boula D, Castric V, Bernatchez L, Audet C (2002) Physiological, Endocrine, and Genetic Bases of Anadromy in the Brook Charr, *Salvelinus Fontinalis*, of the Laval River (Québec, Canada) Environ Biol Fish 64(1-3):229-242

Boula D, Fournier R, Motnikar S, Roussy M, Brêthes J-C (2002) Développement d'un système de stabulation/conditionnement pour l'oursin vert (*Strongylocentrotus droebachiensis*) : comparaison de populations d'origines géographiques différentes Ministère de l'Agriculture, des pêcheries et de l'alimentation (MAPAQ) Direction de l'innovation Cahier d'information n°142

Deflandre B, Mucci A, Gagné J-P, Guignard C, Sundby B ( 2002) Early diagenetic processes in coastal marine sediments disturbed by a catastrophic sedimentation event Geochim Cosmochim Acta 66:2547-2558

Delille D, Delille B, Pelletier E (2002) Effectiveness of bioremediation of crude oil contaminated subantarctic intertidal sediment : The microbial response Microb Ecol 44 (2):118-126

Fournier M, Pellerin J, Lebeuf M, Brousseau P, Morin Y, Cyr D (2002) Effects of exposure of *Mya arenaria* and *Mactromeris polynyma* to contaminated marine sediments on phagocytic activity of hemocytes Aquat Toxicol 59(1-2):83-92

Gagné F, Blaise C, Pellerin J, Gauthier-Clerc S (2002) Alteration of the biochemical properties of female gonads and vitellins in the clam *Mya arenaria* at contaminated sites in the Saguenay Fjord Mar Environ Res 53(3):295-310

Gauthier-Clerc S, Pellerin J, Blaise C, Gagné F (2002) Delayed gametogenesis of *Mya arenaria* in the Saguenay fjord (Canada) : a consequence of endocrine disruptors ? Comp Biochem Physiol C Toxicol Pharmacol 131(4):457-467

Gendron L, Brêthes J-C (2002) Simulations of the impact of different temporal and spatial allocations of fishing effort on fishing mortality in a lobster (*Homarus americanus*) fishery Can J Fish Aquat Sci 59:899-909

Gouteux B, Lebeuf M, Trottier S, Gagné J-P (2002) Toxaphene congeners analysis in biological matrices using high resolution gaz chromatography coupled and ion trap MS/MS Chemosphere 49:183-191

Hamel D, de Vernal A, Gosselin M, Hillaire-Marcel C (2002.) Organic-walled microfossils and geochemical tracers : sedimentary indicators of productivity changes in the North Water and northern Baffin Bay during the last centuries Deep-sea Res II, Top Stud Oceanogr 49:5277-5295

Hilmi K, Murty T, El-Sabah MI, & Chanut J-P (2002) Long-Terme and Short-Term Variations of Sea Level in Eastern Canada : A Review Mar Geod 25(1):61-78

Klein B, LeBlanc B, Mei Z, Beret R, Michaud J, Mundy C, von Quillfeldt C, Garneau M, Roy S, Gratton Y, Cochran J, Bélanger S, Larouche P, Pakulski J, Rivkin R, Legendre L (2002) Phytoplankton biomass, production and potential export in the North Water Deep-sea Res II, Top Stud Oceanogr 49 (22-23):4983-5002

Koutitonsky V, Navarro N, Booth D (2002) Descriptive physical oceanography of Great-Entry lagoon, Gulf of St. Lawrence Estuaire Est Coast Shelf Sci 54(5):833-847

Magnan P, Audet C, Glémet H, Legault M, Rodríguez M, Taylor E (2002) Developments in the ecology, evolution, and behaviour of the charrs, genus *Salvelinus* : relevance for their management and conservation Environ Biol Fish 69:9-14

Mei Z-P, Legendre L, Gratton Y, Tremblay J-É, LeBlanc B, Mundy CJ, Klein B, Gosselin M, Larouche P, Papakyriakou TN, and Lovejoy C, and von Quillfeldt CH (2002) Physical control of spring-summer phytoplankton dynamics in the North Water, April-July 1998 Deep-sea Res II, Top Stud Oceanogr 49:4959-4982

Michel C, Gosselin M, and Nozais C (2002) Preferential sinking export of biogenic silica during the spring and summer in the North Water Polynya (northern Baffin Bay) : Temperature or biological control ? J Geophys Res 107(C7):1-1 - 1-14

Michel C, Nielsen TG, Nozais C, and Gosselin M (2002) Significance of sedimentation and grazing by ice micro- and meiofauna for carbon cycling in annual sea ice (northern Baffin Bay) Aquat Microb Ecol 30:57-68

Miller LA, Yager PL, Erickson KA, Amiel D, Bâcle J, Cochran JK, Garneau M-È, Gosselin M, Hirschberg DJ, Klein B, LeBlanc B, Miller WL (2002) Carbon distributions and fluxes in the North Water, 1998 and 1999 Deep-sea Res II, Top Stud Oceanogr 49:5151-5170

Paille N, Sainte-Marie B, Brêthes J-C (2002) Behavior, growth and survival of instar V lobsters (*Homarus americanus*) in relation to shelter availability and lobster density Mar Freshw Behav Physiol 35(4):203-219

Pesant S, Legendre L, Gosselin M, Bauerfeind E, and Budéus G (2002) Wind-triggered events of phytoplankton downward flux in the Northeast Water Polynya J Mar Syst 31:261-278

Plante S, Audet C, Lambert Y, de la Noüe J (2002) The effects of two rearing salinities on survival and stress of winter flounder broodstock J Aquat Anim Health 14:281-287

Ribeiro C, Schatzmann M, de Assis H, Silva P, Pelletier E, Akaishi F (2002) Evaluation of tributyltin subchronic effects in tropical freshwater fish (*Astyanax bimaculatus*, Linnaeus, 1758) Ecotoxicol Environ Saf 51(3):161-167

Roux R, Gosselin M, Desrosiers G, Nozais C (2002) Effects of reduced ultraviolet radiation on a microbenthic community during a microcosm experiment Mar Ecol Prog Ser 225:29-43

Sakka A, Legendre L, Gosselin M, Niquil N, Delesalle B (2002) Carbon budget of the planktonic food web in an atoll lagoon (Takapoto, French Polynesia) J Plankton Res 24:301-320

Sauvé S, Brousseau P, Pellerin J, Morin Y, Sénelac L, Goudreau P, Fournier M (2002) Phagocytic activity of marine and freshwater bivalves : in vitro exposure of hemocytes to metals (Ag, Cd, Hg and Zn) *Aquat Toxicol* 58(3-4):189-200

Scarratt MG, Levasseur M, Michaud S, Cantin G, Gosselin M, and de Mora SJ (2002) The influence of phytoplankton taxonomic profile on the distribution of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in the Northwest Atlantic *Mar Ecol Prog Ser* 244:49-61

Siah A, Pellerin J, Benosman A, Gagné J-P, and Amiard JC (2002) Progesterone levels during the reproductive cycle of *Mya arenaria* *Comp Biochem Physiol A* 132:213-230

Siah A, Pellerin J, Benosman A, Gagné J, Amiard J (2002) Seasonal gonad progesterone pattern in the soft-shell clam *Mya arenaria* *Comp Biochem Physiol A* 132(2):499-511

Simard Y, Lavoie D, and Saucier FJ (2002) Channel head dynamics : Capelin (*Mallotus villosus*) aggregation in the tidally-driven upwelling system of the Saguenay – St. Lawrence Marine Park's whale feeding ground *Can J Fish Aquat Sci* 59:197-210

St-Jean S, Pelletier E, Courtenay S (2002) Hemocyte functions and bacterial clearance affected in vivo by TBT and DBT in the blue mussel *Mytilus edulis* *Mar Ecol Prog Ser* 236:163 178

St-Jean S, Pelletier E, Courtenay S (2002) Very low levels of waterborne butyltins modulate hemocyte function in the blue mussel *Mytilus edulis* *Mar Ecol Prog Ser* 236:155-161

Tremblay L, Gagné J-P (2002) Fast quantification of humic substances and organic matter by direct analysis of sediments using DRIFT spectroscopy *Anal Chem* 74:2985-2993

Valentin A, Sevigny J-M, Chanut J-P (2002) Geometric morphometrics reveals body shape differences between sympatric redfish *Sebastodes mentella*, *Sebastodes fasciatus* and their hybrids in the Gulf of St. Lawrence *J Fish Biol* 60(4):857-875

Weise AM, Levasseur M, Saucier FJ, Senneville S, Bonneau E, Roy S, Sauvé G, Michaud S, & Fauchot J (2002) The link between precipitation, river run-off, and blooms of the toxic dinoflagellate *Alexandrium tamarensis* in the St. Lawrence *Can J Fish Aquat Sci* 59:464 473

Xie H, Andrews S, Martin W, Miller J, Ziolkowski L, Taylor C, Zafiriou O (2002) Validated methods for sampling monoxide and headspace analysis of carbon in seawater *Mar Chem* 77(2 3):93-108

### **Comptes-rendus de conférence**

Boczar-Karakiewicz B, Romanczyk W, Long B, Bona J (2002) Nourishment of barred nearshore : Jerba, Tunisia. 28th International Conference on Coastal Engineering. American Society of Civil Engineers (ASCE), Cardiff, UK, July 7-12, p 305

Romanczyk W, Boczar-Karakiewicz B (2002) Expanded equilibrium beach profiles. 28th International Conference on Coastal Engineering. American Society of Civil Engineers (ASCE), Cardiff, UK, July 7-12, 3:2850-2861

Simard Y, Lavoie D, Saucier FJ (2002) From plankton to whales : Oceanography of a traditional whale feeding ground and marine park in the St. Lawrence estuary. Annual Science Conference of International Council for the Exploration of the Sea (ICES), Copenhagen (Denmark), October 1-5, CM 2002/N:14

Tremblay L, Kohl SD, Rice JA, Gagné J-P (2002) Effects of lipids on the nonlinear sorption of phenanthrene to sedimentary humic substances. Proceedings of the International Humic Substances Society Twentieth-Anniversary Conference, Boston, July 21-26, p 443-445

Tremblay L, Kohl SD, Rice JA, Gagné J-P (2002) Sorption of PAH to estuarine humic substances and impacts of temperature and salinity variations. Proceedings of the International Humic Substances Society Twentieth-Anniversary Conference, Boston, July 21-26, p 155-157

#### **Éditions de livre ou chapitres de livres**

Galbraith P, Saucier FJ, Michaud M, Lefavre D, Corriveau R, Roy F, Pigeon R, and Cantin S (2002) Shipborne monitoring of near-surface temperature and salinity in the Estuary and Gulf of St. Lawrence. In : Therriault J-C, et Devine L (eds) AZMO Bulletin AZMP, Vol 2, p 26-30

Roy S (2002) Algal Pigment Analysis by High-performance Liquid Chromatography. In : Subba Rao DV (ed) Pelagic Ecology Methodology. Balkema, AA, Lisse, Chapter 14, p 131-140

Roy S (2002) Chlorophyll Analysis by the Fluorometric Method. In : Subba Rao DV (ed) Pelagic Ecology Methodology. A.A. Balkema Publishers, Lisse, Chapter 13, p 121-130