

BAY OF FUNDY BIBLIOGRAPHY: SUPPLEMENT III

The references included herein supplement the recent extensive bibliography, **Moyse, C.M.** 1978. Bay of Fundy Environmental and Tidal Power Bibliography. Fish. Mar. Serv. Tech. Rep. No. 822, and its two supplements; Proc. N.S. Inst. Sci. (1979), 29: 313-314 and Proc. N.S. Inst. Sci. (1981), 31: 181-185. The present citations were either omitted through oversight or have been published subsequently.

Any references or omissions for inclusion in future supplements should be sent to: **P.J. CRANFORD, Marine Ecology Laboratory, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, N.S. B2Y 4A2.** All citations received are included, even internal reports that can be difficult to obtain.

Les références incluses constituent un supplément à la récente bibliographie d'envergure compilée par C.M. Moyse (Bay of Fundy Environmental and Tidal Power Bibliography Fish Mar. Ser. Tech. Rep. No. 822, 1978) et à ses deux suppléments, Proc. N.S. Inst. Sci. (1979) 29: 313-314 et Proc. N.S. Inst. Sci. (1981) 31: 181-185. Les citations qui suivent furent précédemment omises par mégarde ou ont été publiées ultérieurement à la parution de la bibliographie et de ses suppléments.

Toute référence omise ou nouvelle devrait être envoyée à: P.J. Cranford, Marine Ecology Laboratory, Bedford Institute of Oceanography, P.O. Box 1006, Dartmouth, N.S., B2Y 4A2. Toutes les citations reçues sont incluses, y compris certains rapports internes difficiles à obtenir.

References

- Amos, C.L., and Greenberg, D.A.** 1980. The simulation of suspended particulate matter in the Minas Basin, Bay of Fundy—A region of potential tidal power development. *In: Proc. Can. Coastal Conference 1980*, pp. 2-20.
- Amos, C.L., and Long, B.F.N.** 1980. The sedimentary character of Minas Basin, Bay of Fundy. *Geol. Surv. Can. Pap.* 80-10: 123-152.
- Amos, C.L., and Asprey, K.W.** 1981. Chignecto Bay station monitoring program of suspended particulate matter. *Bedford Institute of Oceanography Data Series.* BI-R-81-15.
- Braune, B.M., and Gaskin, D.E.** 1982. Feeding ecology of non-breeding populations of larids off Deer Island, New Brunswick. *Auk* 99: 67-76.
- Bray, D.I., DeMerchant, P.P. and Sullivan, D.L.** 1982. Some hydrotechnical problems related to the construction of a causeway in the estuary of the Petitcodiac River, New Brunswick. *Can. J. Civ. Eng.* 9: 296-307.
- Brown, R.G.B., Barker, S.P., and Gaskin, D.E.** 1979. Daytime surface swarming by *Meganyctiphanes novogica* (M. Sars) (Crustacea, Euphausiacea) off Brier Island, Bay of Fundy. *Can. J. Zool.* 57: 2285-2291.
- Cammen, L.M.** 1982. The effect of particle size on organic content and microbial abundance within four marine sediments. *Mar. Ecol. Prog. Ser.* 24: 273-280.
- Cammen, L.M., and Walker, J.A.** 1982. Distribution and activity of attached and free-living suspended bacteria in the Bay of Fundy. *Can. J. Fish. Aquat. Sci.* 39: 1655-1663.
- Corkett, C.J.** 1981. The copepodid stages of the copepods *Acartia tonsa*, *A. clausii* and *Eurytemora herdmani* from the Annapolis River, Nova Scotia. *Proc. N.S. Inst. Sci.* 31: 173-180.
- Craig, H.D.** 1977. *Intertidal Animal and Trace Zonations in a Macrotidal Environment, Minas Basin, Bay of Fundy.* MSc. Thesis, McMaster Univ., Hamilton, Ont.
- Daborn, G.R., Redden, A.M. and Gregory, R.S.** 1982. *Ecological Studies of the Annapolis Estuary.* Publications of the Acadia University Institute, Wolfville, N.S.: No. 29.

- Dadswell, M.J., Melvin, G.D., and Williams, P.J.** 1983. Effect of turbidity on the temporal and spatial utilization of the inner Bay of Fundy by American shad (*Alosa sapidissima*) (Pisces: Clupeidae) and its relationship to local fisheries. *Can. J. Fish. Aquat. Sci.* 40 (Suppl. 1): 322-330.
- Dalrymple, R.W.** 1979. Wave-induced liquifaction: a modern example from the Bay of Fundy. *Sedimentology* 26: 835-844.
- Dalrymple, R.W.** 1980. Wave-induced liquifaction: an addendum. *Sedimentology* 27: 461.
- Dalrymple, R.W., Knight, J.J., and Lambiase, J.J.** 1978. Bedforms and their hydraulic stability relationships in a tidal environment. Bay of Fundy, Canada. *Nature (Lond.)* 275: 100-104.
- DeWolfe, D.L.** 1981. *Atlas of Tidal Currents: Bay of Fundy and Gulf of Maine*. Can. Hydrographic Service.
- Dillon Consulting Engineers and Planners.** 1977. *Tides in the Cobequid Bay and the Salmon River estuary*. Report C.D. 77.3.9-1.
- Erskine, J.** 1971. Along the dikes. In: Erskine, J. *In Forest and Field*. N.S. Museum Publication. Halifax, N.S. pp. 20-30.
- Frank, P.G.** 1974. *General Biology of the Anemone Nematella vectensis (Stephenson)*. MSc. Thesis, Acadia Univ., Wolfville, N.S.
- Gaskin, D.E.** 1977. Harbour porpoise *Phocoena phocoena* (L.) in the western approaches to the Bay of Fundy 1969-75. Rep. Int. Whale. Comm. 27: 487-492.
- Gaskin, D.E.** 1977. Harbour porpoise *Phocoena phocoena* (L.) in the western approaches to the Bay of Fundy 1969-75. Rep. Int. Whaling Comm. 27: 487-492. during 1969-1977. *Arch. Environ. Contam. Toxicol.* 8: 733-762.
- Gilmurray, M.C., and Daborn, G.R.** 1982. Feeding relations of the Atlantic silver-side *Menidia menidia* in the Minas Basin, Bay of Fundy. *Mar. Ecol. Prog. Ser.* 6: 231-235.
- Godin, G., Bolduc, P.A., Mitchell, D.G., and Yuen, S.** 1981. *Statistical Search For High Water at Board Landing Bridge, Truro, Nova Scotia*. DFO Manuscript Report Series No. 58.
- Gordon, D.C., and Desplanque, C.** 1981. *Ice Dynamics in the Chignecto Bay Region of the Bay of Fundy*. In: Workshop in ice action on shoreline evolution. National Research Council associate committee for research on shoreline erosion and sedimentation, pp. 35-52.
- Gordon, D.C., and Baretta, J.W.** 1982. *A Preliminary Comparison of Two Turbid Coastal Ecosystems: The Dollard (Netherlands - FRG) and the Cumberland Basin (Canada)*. Hydrological Bull. (In press).
- Grant, D.R.** 1980. Quaternary sea-level change in Atlantic Canada as an indication of crustal deleveling. In: *Earth Rheology, Isostasy and Eustasy*. (ed. N.A. Morner) John Wiley & Sons, Chichester, pp. 201-214.
- Green, D.F.** 1981. Chignecto marshes: bird and hay country. *Can. Geogr.* 103: 44-49.
- Greenberg, D.A., and Amos, C.L.** 1983. Suspended sediment transport and deposition modelling in the Bay of Fundy, Nova Scotia—A region of potential tidal power development. *Can. J. Fish. Aquat. Sci.* 40 (Suppl. 1): 20-34.
- Greenberg, D.A.** 1983. Modelling the mean barotropic circulation in the Bay of Fundy and Gulf of Maine. *J. Phys. Oceanogr.* 13: 886-904.
- Hargrave, B.T., Prouse, N.J., Phillips, G.A., and Neame, P.A.** 1983. Primary production and respiration in pelagic and benthic communities at two intertidal sites in the upper Bay of Fundy. *Can. J. Fish. Aquat. Sci.* 40 (Suppl. 1): 229-243.
- Hatcher, A., and Patriquin, D.G. (Eds.)** 1981. *Saltmarshes of Nova Scotia: A Status Report of the Salt Marsh Working Group*. Dalhousie Univ., Halifax, N.S.

- Hawkins, C.M., and Keizer, P.D.** 1982. Ammonia excretion in *Corophium volutator*: using an automated method. *Can. J. Fish. Aquat. Sci.* 39: 640-643.
- Hilchey, J.D.** 1981. The agricultural future of dyked land in Nova Scotia. In: *Saltmarshes of Nova Scotia*. (ed. A. Hatcher and D. Patriquin) Dalhousie Univ., Halifax, N.S., pp. 45-52.
- Hildebrand, L.P.** 1981. Preliminary observations on the distribution, composition and abundance of zooplankton in Chignecto Bay during June and August 1978, with emphasis on the relationship to tidal cycles. *Can. Tech. Rept. Fish. Aquat. Sci.* 1036.
- Hildebrand, L.P., MacDormand, E.B., Nelson, D.R., Powell, C.G. Rogers, N.A., and Walker, J.A.** 1980. Activities of the Job Corps program; Fundy tidal power development. Final report for Project No. 16-01-002N. Bedford Institute of Oceanography, Dartmouth.
- Holloway, P.E.** 1981. Longitudinal mixing in the upper reaches of the Bay of Fundy. *Estuarine, Coastal and Shelf Sci.* 13: 495-515.
- Iles, T.D., and Sinclair, M.** 1982. Atlantic herring: stock discreteness and abundance. *Science* 215: 627-633.
- Imrie, D.M.G., and Daborn, G.R.** 1981. Food of some immature fish of Minas Basin, Bay of Fundy. *Proc. N.S. Inst. Sci.* 31: 149-154.
- Johnston, D.D. and Wildish, D.J.** 1982. Effect of suspended sediment or feeding by larval herring (*Clupea harengus harengus* L.). *Bull. Environ. Contam. Toxicol.* 29: 261-267.
- Knight, R.J.** 1980. Linear bar development and tidal current flow in Cobequid Bay, Bay of Fundy, Nova Scotia. Geological Survey of Canada paper. 80-10: 153-180.
- Kornfield, I., Sidell, B.D., and Gagnon, P.S.** 1982. Stock definition in Atlantic herring (*Clupea harengus harengus*): genetic evidence for discrete fall and spring spawning populations. *Can. J. Fish. Aquat. Sci.* 39: 1610-1621.
- Kulka, D.W., and Corey, S.** 1978. The life history of *Thysanoessa inermis* (Kroyer) in the Bay of Fundy. *Can. J. Zool.* 56: 492-506.
- Kulka, D.W., Corey, S., and Iles, T.D.** 1982. Community structure and bio mass of euphausiids in the Bay of Fundy. *Can. J. Fish. Aquat. Sci.* 39: 326-334.
- Lambiase, J.J.** 1980. Topographic control of sediment distribution on an intertidal sand bar: a case study. Geological Survey of Canada paper. 80-10: 181-187.
- Leslie, H.A., Campbell, A., and Daborn, G.R.** 1981. *Nectonema* (Nematomorpha: Nectonematoidea) a parasite of decapod Crustacea in the Bay of Fundy. *Can. J. Zool.* 59: 1193-1196.
- Loring, D.H.** 1982. Geochemical factors controlling the accumulation and dispersal of heavy metals in the Bay of Fundy sediments. *Can. J. Earth Sci.* 19: 930-944.
- Lynch, D.K.** 1982. Tidal bores. *Sci. Am.* 247: 146-156.
- MacInnis, A.** 1976. Saltmarsh vegetation - typing project. N.S. Lands and Forests, Kentville, N.S.
- Majka, M.** 1978. Wings over Fundy. *Nature Canada* 7: 42-47.
- McAloney, K.** 1981. Waterfowl use of Nova Scotian salt marshes. In: *Saltmarshes of Nova Scotia*. (ed. A. Hatcher and D. Patriquin) Dalhousie Univ., Halifax, N.S., pp. 60-66.
- Miller, J.D., and Whitney, N.J.** 1981. Fungi from the Bay of Fundy II. Observations on fungi from living and cast seaweeds. *Bot. Mar.* 24: 405-411.
- Miller, J.D., and Whitney, N.J.** 1981. Fungi of the Bay of Fundy III. Geofungi in the marine environment. *Mar. Bio.* (Berl.) 65: 61-68.
- Noble, J.P.A. and Logan, A.** 1981. Size-frequency distributions and taphonomy of brachiopods: a recent model. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* 36: 87-105.

- Ogden, J.G.** 1981. Geology and hydrology of salt marshes in Nova Scotia. In: *Saltmarshes of Nova Scotia*. (ed. A. Hatcher and D. Patriquin) Dalhousie Univ., Halifax, N.S., pp. 28-42.
- Page, F.H.** 1981. *Structure of Sublittoral Hard Bottom Benthic Communities in the Quoddy Region, Bay of Fundy*. MSc. Thesis, Univ. of New Brunswick, Fredericton, N.B.
- Patriquin, D.G.** 1981. The general biology of salt marshes. In: *Saltmarshes of Nova Scotia*, (ed. A. Hatcher and D. Patriquin) Dalhousie Univ., Halifax, N.S. pp. 4-26.
- Payne, F.** 1981. Saltmarsh recreational values and management considerations. In: *Saltmarshes of Nova Scotia*. (ed. A. Hatcher and D. Patriquin) Dalhousie Univ., Halifax, N.S., pp. 54-59.
- Pearce, P.A., and Smith, A.D.** 1973. The potential influence on waterfowl of port and tidal power development in the Bay of Fundy. In: *Waterfowl Studies in Eastern Canada, 1969-73*. (ed. H. Boyd) Canadian Wildlife Service Report Series. 29: 91-100.
- Reid, P.C.** 1980. Toxic dinoflagellates and tidal power generation in the Bay of Fundy, Canada. *Mar. Pollut. Bull.* 11: 47-51.
- Risk, M.J., and Tunnicliffe, V.J.** 1978. Intertidal spiral burrows: *Paraonis fulgens* and *Spiophanes wigleyi* in the Minas Basin, Bay of Fundy. *J. Sediment Petrol.* 48: 1287-1292.
- Risk, M.J., and Yeo, R.K.** 1980. Animal-sediment relationships in Minas Basin, Bay of Fundy. Geological Survey of Canada paper. 80-10: 189-194.
- Roberts, D.** 1982. *Distribution of Organic Carbon and Nitrogen in Various Natural Particle Types of a Fine Intertidal Sediment*. M.Sc. Thesis, Dalhousie Univ., Halifax, N.S.
- Salinas, I.M.** 1980. *Feeding Strategies of Microgadus tomcod and Menidia menidia Inhabiting a Mudflat Ecosystem in the Bay of Fundy*. MSc. Thesis, Dalhousie Univ., Halifax, N.S.
- Schwinghamer, P.** 1981. Characteristic size distributions of integral benthic communities. *Can. J. Fish. Aquat. Sci.* 38: 1255-1263.
- Schwinghamer, P., Tan, F.C., and Gordon, D.C.** 1983. Stable carbon isotope studies on the Pecks Cove mudflat ecosystem in the Cumberland Basin, Bay of Fundy. *Can. J. Fish. Aquat. Sci.* 40 (Suppl. 1): 262-272.
- Sinclair, A., Sinclair, M., and Isles, T.D.** 1981. An analysis of some biological characteristics of the 4 x juvenile - herring fishery. *Proc. N.S. Inst. Sci.* 31: 155-172.
- Sinclair, M., Sinclair, A., and Isles, T.D.** 1982. Growth and maturation of south-west Nova Scotia Atlantic herring (*Clupea harengus harengus*). *Can. J. Fish. Aquat. Sci.* 39: 288-295.
- Sweet, C.E.** 1967. Preliminary report on ice conditions in Minas Basin, Chignecto Bay and the Annapolis Basin area of the Bay of Fundy. Unpublished report submitted to the Atlantic Tidal Power Programming board.
- Tee, K.T.** 1982. The structure of three-dimensional tide-generating currents: experimental verification of a theoretical model. *Estuarine Coast. Shelf Sci.* 14: 27-48.
- Tidal Power Corporation.** 1982. Fundy tidal power update '82. Tidal Power Corporation, Halifax, N.S.
- Turk, T.R., and Risk, M.J.** 1981. Effect of sedimentation on infaunal invertebrate populations of Cobequid Bay, Bay of Fundy. *Can. J. Fish. Aquat. Sci.* 38: 642-648.

- Vanicek, P.** 1976. Pattern of recent vertical crustal movements in Maritime Canada. *Can. J. Earth Sci.* 13: 661-667.
- Walker, A., Ackles, T., Perkyns, J., MacKinnon, M.D., Keizer, P.D. and McLachlan, J.** 1981. The chemistry of tidal waters of a salt marsh of Minas Basin (Bay of Fundy) Kings County, Nova Scotia. *Atlantic Research Lab. Tech. Rept. No. 29.*
- White, A.W.** 1982. Intensification of *Gonyaulax* blooms and shellfish toxicity in the Bay of Fundy. *Can. Tech. Rep. Fish. Aquat. Sci.* 1064.
- White, A.W., and Lewis, C.M.** 1982. Resting cysts of the toxic, red tide dinoflagellate *Gonyolax excavata* in Bay of Fundy sediments. *Can. J. Fish. Aquat. Sci.* 39: 1185-1194.
- Wildish, D.J.** 1980. Reproductive bionomics of two sublittoral amphipods in a Bay of Fundy estuary. *Inter. J. Invertebr. Reprod.* 2: 311-320.
- Wildish, D.J., and Dickinson, J.J.** 1982. A new species of *Haploops* (Amphipoda, Ampeliscidae) from the Bay of Fundy. *Can. J. Zool.* 60: 962-967.
- Wildish, D.J., and Peer, D.L.** 1983. Tidal current speed and production of benthic macrofauna in the lower Bay of Fundy. *Can. J. Fish. Aquat. Sci.* 40 (Suppl. 1): 309-321.
- Yeo, R.K. and Risk, M.J.** 1981. The sedimentology, stratigraphy, and preservation of intertidal deposits in the Minas Basin system, Bay of Fundy. *J. Sediment. Petrol.* 51: 245-260.