

- Belknap, D. F., Kelley, J. T., and Shipp, R. C.**
1986: Quaternary stratigraphy of representative Maine estuaries: initial examination by high resolution seismic reflection profiling; in *A Treatise on Glaciated Coasts*, (ed.) D. FitzGerald and P. Rosen, Academic Press, New York, p. 178-207.
- Bonifay, D. and Piper, D. J. W.**
1988: Probable Late Wisconsinan ice margin on the upper continental slope off St. Pierre Bank, Eastern Canada; *Canadian Journal of Earth Sciences*, v. 25, p. 853-865.
- Boyd, R., Scott, D. B., and Douma, M.**
1988: Glacial tunnel valleys and the Quaternary history of the Scotian Shelf; *Nature*, v. 333, no. 6168, p. 61-64.
- CLIMAP Project Members**
1976: The surface of the ice-age Earth; *Science*, v. 191, p. 1131-1137.
- Denton, G. H. and Hughes, T. J.**
1981: The Last Great Ice Sheets; John Wiley and Sons, New York, 484 p.
- Dyke, A. S. and Prest, V. K.**
1987: Late Wisconsinan and Holocene history of the Laurentide ice sheet; *Géographie Physique et Quaternaire*, v. 41, p. 237-263.
- Gipp, M. R.**
1989: Late Wisconsinan deglaciation of Emerald Basin, Scotian Shelf; unpublished M.Sc. thesis, Memorial University of Newfoundland, St. Johns, Newfoundland, 219 p.
- Gipp, M. R. and Piper, D. J. W.**
1989: Chronology of Late Wisconsinan glaciation, Emerald Basin, Scotian Shelf; *Canadian Journal of Earth Sciences*, v. 26, p. 333-335.
- Grant, D. R.**
1989: Quaternary geology of the Atlantic Appalachian region of Canada; Chapter 5 in *Quaternary Geology of Canada and Greenland*, (ed.) R. J. Fulton; Geological Survey of Canada, Geology of Canada, no. 1, p. 393-440 (also Geological Society of America, *The Geology of North America*, v. K-1).
- Hildebrand, L. P.**
1984: Oceanographic setting; in *Health of the Northwest Atlantic*, (ed.) R. C. H. Wilson and R. F. Addison; Environment Canada and Department of Fisheries and Oceans, p. 8-30.
- King, L. H. and Fader, G. B.**
1986: Wisconsinan glaciation of the continental shelf, southeastern Atlantic Canada; Geological Survey of Canada, Bulletin 363, 72 p.
- Lazler, J. R. N.**
1982: Seasonal variability of temperature and salinity in the Labrador Current; *Journal of Marine Research*, v. 40, p. 341-356.
- Lewis, C. F. M. and Anderson, T. W.**
1989: Oscillations of levels and cool phases of the Laurentian Great Lakes caused by inflows from glacial lakes Agassiz and Barlow-Ojibway; *Journal of Paleolimnology*, v. 2, p. 99-146.
- Macpherson, J. B.**
1988: Comments on "Late Wisconsinan and Holocene history of the Laurentide ice sheet" by A. S. Dyke and V. K. Prest; *Géographie Physique et Quaternaire*, v. 42, p. 101-102.
- McLaren, S. A.**
1988: Quaternary seismic stratigraphy and sedimentation of the Sable Island sand body, Sable Island Bank, outer Scotian Shelf; Technical Report 11, Centre for Marine Geology, Dalhousie University, Halifax, Nova Scotia, 95 p.
- Mosher, D. C., Piper, D. J. W., Vilks, G., Aksu, A. E., and Fader, G. B.**
1989: Evidence for Wisconsinan glaciations in the Verrill Canyon area, Scotian Slope; *Quaternary Research*, v. 31, p. 27-40.
- Mott, R. J., Grant, D. R., Stea, R. R., and Ochletti, S.**
1986: Late glacial climatic oscillation in Atlantic Canada equivalent to the Allerød/Younger Dryas event; *Nature*, v. 323, p. 247-250.
- Mudie, P. J.**
1990: Oceanographic and climatic setting of Quaternary glaciation on the eastern Canadian Margin; in *Geology of the Continental Margin of Eastern Canada*, (ed.) M. J. Keen and G. L. Williams; Geological Survey of Canada, Geology of Canada, no. 2, p. 489-494 (also Geological Society of America, *The Geology of North America*, v. I-1).
- Mudie, P. J. and Guilbault, J. -P.**
1982: Ecostratigraphic and paleomagnetic studies of late Quaternary sediments on the Northeast Newfoundland Shelf; in *Current Research, Part B*; Geological Survey of Canada, Paper 82-1B, p. 107-116.
- Peltier, W. R.**
1988: Lithospheric thickness, Antarctic deglaciation history and ocean basin discretization effects in a global model of postglacial sea level change: a summary of some sources of nonuniqueness; *Quaternary Research*, v. 29, p. 93-112.
- Piper, D. J. W., Gipp, M. R., and Moran, K.**
1990: Radiocarbon dating evidence for the age of deglaciation of LaHave Basin, Scotian Shelf; in *Current Research, Geological Survey of Canada, Paper 90-1B*, p. 29-32.
- Quinlan, G. and Beaumont, C.**
1982: The deglaciation of Atlantic Canada as reconstructed from the post-glacial relative sea-level record; *Canadian Journal of Earth Sciences*, v. 19, p. 2232-2246.
- Rampton, V. N., Gauthier, R. C., Thibault, J., and Seaman, A. A.**
1984: Quaternary geology of New Brunswick; Geological Survey of Canada, Memoir 416, 77 p.
- Ruddiman, W. F. and McIntyre, A.**
1981: The North Atlantic Ocean during the last deglaciation; *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 35, p. 145-214.
- Schlee, J.**
1973: Atlantic continental shelf and slope of the United States - sediment texture of the northeastern part; United States Geological Survey, Professional Paper 529-L, 64 p.
- Schnitker, D.**
1989: Younger Dryas events in the Gulf of Maine; *Eos, Transactions of the American Geophysical Union*, v. 70, p. 372.
- Scott, D. B., Boyd, R., Douma, M., Medloll, F. S., Yull, S., Leavitt, E., and Lewis, C. F. M.**
1989: Holocene relative sea-level changes and Quaternary glacial events on a continental shelf edge: Sable Island Bank; in *Late Quaternary Sea-Level Correlation and Applications*, (ed.) D. B. Scott, P. Pirazzoli, and C. M. Honig; Kluwer Academic Publishers, Dordrecht, The Netherlands, p. 105-109.
- Scott, D. B., Boyd, R., and Medloll, F. S.**
1987a: Relative sea level changes in Atlantic Canada, observed level and sedimentological changes vs. theoretical models; in *Society of Economic Paleontologists and Mineralogists, Special Publication No. 41*, eds. D. Nummedal, O. Pilkey, and D. Howard, p. 87-96.
- Scott, D. B. and Greenberg, D. A.**
1983: Relative sea level rise and tidal development in the Fundy tidal system; *Canadian Journal of Earth Sciences*, v. 20, p. 1554-1564.
- Scott, D. B., Medloll, F. S., and Miller, A. A. L.**
1987b: Holocene sea levels, paleoceanography, and late glacial ice configuration near the Northumberland Strait, Maritime Provinces; *Canadian Journal of Earth Sciences*, v. 24, p. 668-675.
- Scott, D. B., Mudie, P. J., Vilks, G., and Younger, D. C.**
1984: Latest Pleistocene - Holocene paleoceanographic trends on the continental margin of eastern Canada: foraminifera, dinoflagellate and pollen evidence; *Marine Micropaleontology*, v. 9, p. 181-218.
- Stea, R. R. (co-ordinator)**
1987: Quaternary glaciations, geomorphology, and sea level changes: Bay of Fundy region; NATO Advanced Study Institutes Programme, International Advanced Course on Late Quaternary Sea-level Correlations and Applications, Halifax, Nova Scotia, 79 p.
- Stea, R. R. and Mott, R. J.**
1989: Deglaciation environments and evidence for glaciers of Younger Dryas age in Nova Scotia, Canada; *Boreas*, v. 18, p. 169-187.
- Stea, R. R. and Wightman, D. M.**
1987: Age of the Five Islands Formation, Nova Scotia, and deglaciation of the Bay of Fundy; *Quaternary Research*, v. 27, p. 211-219.
- Stow, D. A. V.**
1981: Laurentian Fan: morphology, sediments, processes and growth pattern; *American Association of Petroleum Geologists Bulletin*, v. 65, p. 375-390.
- Sverdrup, H. V., Johnson, M. W., and Fleming, R. H.**
1942: *The Oceans: Their Physics, Chemistry and General Biology*; Prentice-Hall, New York, 1087 p.
- 14 ka: marges glaciaires sur les terres d'après Grant (1989), selon le modèle minimal représenté dans Dyke et Prest (1987) avec des modifications par endroits; marges glaciaires autour du bassin d'Émeraude d'après Gipp (1989) et dans le bassin de LaHave déduites de données rapportées par Piper et al. (1990); l'absence de glace sur Le Banquereau est basée sur une diminution du taux de sédimentation au puits Tantallon M-41; la présence de glace dans le chenal du Flétan est basée sur les indications que fournissent les langues de till (G. B. J. Fader, communication personnelle); données sur le niveau marin autour du golfe du Maine résumées dans Stea (1987); circulation océanique extrapolée d'après Ruddiman et McIntyre (1981).
- 18 ka: marges glaciaires sur les terres d'après Grant (1989), selon le modèle minimal représenté dans Dyke et Prest (1987) avec des modifications par endroits; marges glaciaires sur la plate-forme Néo-Écossaise d'après Schlee (1973), Boyd et al. (1988), Gipp (1989), Gipp et Piper (1989) et Scott et al. (1989); marges glaciaires extrapolées pour Terre-Neuve d'après les données sur la plate-forme Néo-Écossaise en tenant compte des dates fournies par Mudie et Guilbault (1982) et Mosher et al. (1989); montrant l'extension maximale de la glace avant 18 ka, peut-être il y a 25 ka) et des dates pour le chenal du Flétan (G. B. J. Fader, communication personnelle); la présence de glace sur certains des bancs externes est basée sur des indications dans Gipp (1989); niveau marin sur les bancs externes à -110 m d'après la terrasse de King et Fader (1986) et d'après comparaison avec la courbe «eustatique» du niveau marin; le golfe du Saint-Laurent et le chenal Laurentien sont représentés comme une baie où il y avait vélage d'après 1) des indications géologiques à l'effet que l'île d'Anticosti et les îles de la Madeleine n'ont pas été englacées, 2) la grande profondeur du chenal Laurentien comparée à l'épaisseur probable de la plate-forme de glace (voir Quinlan et Beaumont, 1982) et 3) le stade sédimentologique 2 du cône Laurentien (Stow, 1981); étendue des eaux polaires d'après Alam et al. (1983); circulation océanique extrapolée d'après Ruddiman et McIntyre (1981).

RÉFÉRENCES

Alam, M.

1979: The effect of Pleistocene climatic changes on the sediments around the Grand Banks; unpublished Ph.D. thesis, Dalhousie University, Halifax, Nova Scotia, 222 p.

Alam, M., Piper, D. J. W., et Cooke, H. B. S.

1983: Late Quaternary stratigraphy and paleoceanography of the Grand Banks continental margin, eastern Canada; *Boreas*, v. 12, p. 253-261.

Andrews, J. T.

1987: The Laurentide ice sheet: research problems; *Géographie Physique et Quaternaire*, v. 41, p. 315-318.

Belknap, D. F., Kelley, J. T., et Shipp, R. C.

1986: Quaternary stratigraphy of representative Maine estuaries: initial examination by high resolution seismic reflection profiling; in *A Treatise on Glaciated Coasts*, (ed.) D. FitzGerald and P. Rosen, Academic Press, New York, p. 178-207.

Bonifay, D. et Piper, D. J. W.

1988: Probable Late Wisconsinan ice margin on the upper continental slope off St. Pierre Bank, Eastern Canada; *Canadian Journal of Earth Sciences*, v. 25, p. 853-865.

Boyd, R., Scott, D. B., et Douma, M.

1988: Glacial tunnel valleys and the Quaternary history of the Scotian Shelf; *Nature*, v. 333, no. 6168, p. 61-64.

CLIMAP Project Members

1976: The surface of the ice-age Earth; *Science*, v. 191, p. 1131-1137.

Denton, G. H. et Hughes, T. J.

1981: The Last Great Ice Sheets; John Wiley and Sons, New York, 484 p.

Dyke, A. S. et Prest, V. K.

1987: Late Wisconsinan and Holocene history of the Laurentide ice sheet; *Géographie Physique et Quaternaire*, v. 41, p. 237-263.

Gipp, M. R.

1989: Late Wisconsinan deglaciation of Emerald Basin, Scotian Shelf; unpublished M.Sc. thesis, Memorial University of Newfoundland, St. Johns, Newfoundland, 219 p.

Gipp, M. R. et Piper, D. J. W.

1989: Chronology of Late Wisconsinan glaciation, Emerald Basin, Scotian Shelf; *Canadian Journal of Earth Sciences*, v. 26, p. 333-335.

Grant, D. R.

1989: Quaternary geology of the Atlantic Appalachian region of Canada; Chapter 5 in *Quaternary Geology of Canada and Greenland*, (ed.) R. J. Fulton; Geological Survey of Canada, Geology of Canada, no. 1, p. 393-440 (also Geological Society of America, *The Geology of North America*, v. K-1).

Hildebrand, L. P.

1984: Oceanographic setting; in *Health of the Northwest Atlantic*, (ed.) R. C. H. Wilson and R. F. Addison; Environment Canada and Department of Fisheries and Oceans, p. 8-30.

King, L. H. et Fader, G. B.

1986: Wisconsinan glaciation of the continental shelf, southeastern Atlantic Canada; Geological Survey of Canada, Bulletin 363, 72 p.

Lazler, J. R. N.

1982: Seasonal variability of temperature and salinity in the Labrador Current; *Journal of Marine Research*, v. 40, p. 341-356.

Lewis, C. F. M. et Anderson, T. W.

1989: Oscillations of levels and cool phases of the Laurentian Great Lakes caused by inflows from glacial lakes Agassiz and Barlow-Ojibway; *Journal of Paleolimnology*, v. 2, p. 99-146.

Macpherson, J. B.

1988: Comments on "Late Wisconsinan and Holocene history of the Laurentide ice sheet" by A. S. Dyke and V. K. Prest; *Géographie Physique et Quaternaire*, v. 42, p. 101-102.

McLaren, S. A.

1988: Quaternary seismic stratigraphy and sedimentation of the Sable Island sand body, Sable Island Bank, outer Scotian Shelf; Technical Report 11, Centre for Marine Geology, Dalhousie University, Halifax, Nova Scotia, 95 p.

Mosher, D. C., Piper, D. J. W., Vilks, G., Aksu, A. E., et Fader, G. B.

1989: Evidence for Wisconsinan glaciations in the Verrill Canyon area, Scotian Slope; *Quaternary Research*, v. 31, p. 27-40.

Mott, R. J., Grant, D. R., Stea, R. R., et Ochletti, S.

1986: Late glacial climatic oscillation in Atlantic Canada equivalent to the Allerød/Younger Dryas event; *Nature*, v. 323, p. 247-250.

Mudie, P. J.

1990: Oceanographic and climatic setting of Quaternary glaciation on the eastern Canadian Margin; in *Geology of the Continental Margin of Eastern Canada*, (ed.) M. J. Keen and G. L. Williams; Geological Survey of Canada, Geology of Canada, no. 2, p. 489-494 (also Geological Society of America, *The Geology of North America*, v. I-1).

Mudie, P. J. et Guilbault, J. -P.

1982: Ecostratigraphic and paleomagnetic studies of late Quaternary sediments on the Northeast Newfoundland Shelf; in *Current Research, Part B*; Geological Survey of Canada, Paper 82-1B, p. 107-116.

Peltier, W. R.

1988: Lithospheric thickness, Antarctic deglaciation history and ocean basin discretization effects in a global model of postglacial sea level change: a summary of some sources of nonuniqueness; *Quaternary Research*, v. 29, p. 93-112.

Piper, D. J. W., Gipp, M. R., et Moran, K.

1990: Radiocarbon dating evidence for the age of deglaciation of LaHave Basin, Scotian Shelf; in *Current Research, Geological Survey of Canada, Paper 90-1B*, p. 29-32.

Quinlan, G. et Beaumont, C.

1982: The deglaciation of Atlantic Canada as reconstructed from the post-glacial relative sea-level record; *Canadian Journal of Earth Sciences*, v. 19, p. 2232-2246.

Rampton, V. N., Gauthier, R. C., Thibault, J., et Seaman, A. A.

1984: Quaternary geology of New Brunswick; Geological Survey of Canada, Memoir 416, 77 p.

Ruddiman, W. F. et McIntyre, A.

1981: The North Atlantic Ocean during the last deglaciation; *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 35, p. 145-214.

Schlee, J.

1973: Atlantic continental shelf and slope of the United States - sediment texture of the northeastern part; United States Geological Survey, Professional Paper 529-L, 64 p.

Schnitker, D.

1989: Younger Dryas events in the Gulf of Maine; *Eos, Transactions of the American Geophysical Union*, v. 70, p. 372.

Scott, D. B., Boyd, R., Douma, M., Medloll, F. S., Yull, S., Leavitt, E., et Lewis, C. F. M.

1989: Holocene relative sea-level changes and Quaternary glacial events on a continental shelf edge: Sable Island Bank; in *Late Quaternary Sea-Level Correlation and Applications*, (ed.) D. B. Scott, P. Pirazzoli, and C. M. Honig; Kluwer Academic Publishers, Dordrecht, The Netherlands, p. 105-109.

Scott, D. B., Boyd, R., et Medloll, F. S.

1987a: Relative sea level changes in Atlantic Canada, observed level and sedimentological changes vs. theoretical models; in *Society of Economic Paleontologists and Mineralogists, Special Publication No. 41*, eds. D. Nummedal, O. Pilkey, and D. Howard, p. 87-96.

Scott, D. B. et Greenberg, D. A.

1983: Relative sea level rise and tidal development in the Fundy tidal system; *Canadian Journal of Earth Sciences*, v. 20, p. 1554-1564.

Scott, D. B., Medloll, F. S., et Miller, A. A. L.

1987b: Holocene sea levels, paleoceanography, and late glacial ice configuration near the Northumberland Strait, Maritime Provinces; *Canadian Journal of Earth Sciences*, v. 24, p. 668-675.

Scott, D. B., Mudie, P. J., Vilks, G., et Younger, D. C.

1984: Latest Pleistocene - Holocene paleoceanographic trends on the continental margin of eastern Canada: foraminifera, dinoflagellate and pollen evidence; *Marine Micropaleontology*, v. 9, p. 181-218.

Stea, R. R. (co-ordinator)

1987: Quaternary glaciations, geomorphology, and sea level changes: Bay of Fundy region; NATO Advanced Study Institutes Programme, International Advanced Course on Late Quaternary Sea-level Correlations and Applications, Halifax, Nova Scotia, 79 p.

Stea, R. R. et Mott, R. J.

1989: Deglaciation environments and evidence for glaciers of Younger Dryas age in Nova Scotia, Canada; *Boreas*, v. 18, p. 169-187.

Stea, R. R. et Wightman, D. M.

1987: Age of the Five Islands Formation, Nova Scotia, and deglaciation of the Bay of Fundy; *Quaternary Research*, v. 27, p. 211-219.

Stow, D. A. V.

1981: Laurentian Fan: morphology, sediments, processes and growth pattern; *American Association of Petroleum Geologists Bulletin*, v. 65, p. 375-390.

Sverdrup, H. V., Johnson, M. W., et Fleming, R. H.

1942: *The Oceans: Their Physics, Chemistry and General Biology*; Prentice-Hall, New York, 1087 p.