

Selected References on Geology, Source Rock and Hydrocarbon Characterization, Scotian Basin, Slope and Adjacent Areas, Eastern Canada

1

January 2008

Atlantic Geoscience Centre, 1991.

East Coast Basin Atlas Series: Scotian Shelf.

Atlantic Geoscience Centre, Geological Survey of Canada, 152p.

Balkwill, H.R. and Legall, F.D., 1989

Whale Basin, Offshore Newfoundland: Extension and Salt Diapirism.

In: A. J. Tankard and J. R. Balkwill (Eds.), *Extensional Tectonics and Stratigraphy of the North Atlantic Margins.*

American Association of Petroleum Geologists Memoir 46, p.233-246.

Barss, J.S., Bujak, J.P., Wade, J.A., and Williams, G.L., 1980

Age, stratigraphy, organic matter type and color, and hydrocarbon occurrences in forty-seven wells offshore eastern Canada.

Geological Survey of Canada Open File Report No.714, 6p.

Bell, J.S., and Campbell, G.R., 1990

Chapter 12- Petroleum Resources.

In: *Geology of the continental margin of eastern Canada*, M. J. Keen and G.L. Williams (Eds.).

Geological Survey of Canada, Geology of Canada no.2, p.190-238 (also Geological Society of America, *The Geology of North America*, vol.I-1).

Bell, J.S., and Howie, R.D., 1990

Chapter 4 – Paleozoic Geology.

In: *Geology of the continental margin of eastern Canada*, M. J. Keen and G.L. Williams (Eds.).

Geological Survey of Canada, Geology of Canada no.2, p.141-165 (also Geological Society of America, *The Geology of North America*, vol.I-1).

Bujak, J.P., Barss, M.S., and Williams, G.L., 1977

Offshore eastern Canada - Part I and II: Organic type, color and hydrocarbon potential.

Oil and Gas Journal, vol.75, no.15, p.96-100 & p.198-202.

Canada-Nova Scotia Offshore Petroleum Board, 2000

Technical Summaries of Scotian Shelf Significant and Commercial Discoveries, 257p.

(Also available on the CNSOPB website:

<http://www.cnsopb.ns.ca/Rightsmgt/Resources/resources.html>)

Canadian Gas Potential Committee, 2001

Natural Gas Potential in Canada - 2001.

Canadian Gas Potential Committee, Calgary, 527p.

Canadian Gas Potential Committee, 1997

Natural Gas Potential in Canada - 1997.

Canadian Gas Potential Committee, Calgary, 113p.

Carswell, A.B., Koning, T., and Hibbs, D.C., 1990

Structural and stratigraphic evolution of the East Georges Bank Basin, offshore Nova Scotia, Canada.

Text, references and figures of paper presented at the Annual Convention of the American Association of Petroleum Geologists, San Francisco, California, 32p.

Cassou, A.M., Connan, J., and Borthault, B., 1977

Relationships between maturation of organic matter and geothermal effect, as exemplified in Canadian East Coast Offshore wells.

Bulletin of Canadian Petroleum Geology, vol.25, no.1, p.174-194.

- Cummings, D.C., and Arnott, R.W.C., 2005
Growth-faulted shelf-margin deltas: a new (but old) play type, offshore Nova Scotia.
Bulletin of Canadian Petroleum Geology, vol.53, no.3 (Sept. 2005), p.211-236.
- Cummings, D.C., Hart, B.S., and Arnott, R.W.C., 2006
Sedimentology and stratigraphy of a thick, areally extensive fluvial-marine transition, Missisauga Formation, offshore Nova Scotia and its correlation with shelf margin and slope strata.
Bulletin of Canadian Petroleum Geology, vol.54, no.2 (June 2006), p.152-174.
- Dehler, S.A., and Roest, W.R., 1998
Gravity Anomaly Map, Atlantic Canada Region, Canada.
Geological Survey of Canada Open File 3658, 1:3,000,000 scale.
- Durling, P., Harvey, P.J., and Howells, K., 1995
Geophysical evidence for thrust faulting in the Carboniferous Antigonish-Mabou Subbasin, Nova Scotia.
Atlantic Geology, vol.31, p.183-196.
- Durling, P; Harvey, P J., 1996
Results of seismic mapping in the St. Georges Bay area: implications for stratigraphy, structure, salt tectonism and petroleum potential.
Geological Survey of Canada, Open File 3319.
- Durling, P., Harvey, P.J., and Howells, K., 1999
Seismic Reflections of the Antigonish - Mabou Subbasin, Northern Nova Scotia.
Geological Survey of Canada, Open File Report, 33p.
- Durling, P., Harvey, P.J., and Howells, K., 1995
The near-surface geology of St. Georges Bay, Nova Scotia: implications for the Hollow Fault.
Canadian Journal of Earth Sciences, vol.32, p.603-613.
- Drummond, K. J., 1990
Geology of Venture, a Geopressured Gas Field, Offshore Nova Scotia. In: *Giant Oil and Gas Fields of the Decade 1978-1988.*
American Association of Petroleum Geologists Memoir 54, Chapter 5, p.55-71.
- Ebinger C.A., & E. Tucholke, B.E., 1988
Marine Geology of the Sohm Basin, Canadian Atlantic Margin.
American Association of Petroleum Geologists Bulletin, Vol.72, No.12, p.1450-1468.
- Edson, G.M., Olson, D.L., and Petty, A.J., 2000
Georges Bank Petroleum Exploration.
U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Region, Office of Resource Evaluation, OCS Report MMS 2000-031, 20p.
- Eliuk, L.S., 1978
The Abenaki Formation, Nova Scotia Shelf, Canada - A depositional and diagenetic model for a Mesozoic carbonate platform.
Bulletin of Canadian Petroleum Geology, vol.26, no.4, p.424-514.
- Eliuk, L.S. 2004
History of the practical application of a failed? dolomite model (mixing zone) to the "Demascota Dolomite Beds" of the Abenaki Formation, Nova Scotia offshore Late Jurassic paleocontinental shelf carbonate margin – Case Study for Core Conference
CSPG Dolomite Conference January 13-15, 2004 15p.(on CD-ROM).
- Eliuk, L.S., and Levesque, R., 1989
Earliest Cretaceous sponge reef mounds, Nova Scotia Shelf (Shell Demascota G-32).
In: *Reefs: Canada and Adjacent Area*, H.H.J. Geldsetzer, N.P. James and G.E. Tebbutt (Eds.)
Canadian Society of Petroleum Geologists Memoir 13, p.713-720.

- Eliuk, L.S. and Prather, B.E. 2005
Baltimore Canyon Trough Mesozoic Carbonate Margin Cores, Offshore USA Atlantic.
 Abstract and core conference article – CSPG-AAPG Convention Core Conference, Calgary, Alberta 31p. (on CD-ROM).
- Ellis, P.M., Crevello, P.D., and Eliuk, L.S., 1985
Upper Jurassic and Lower Cretaceous deep-water buildups, Abenaki Formation, Nova Scotian Shelf.
 In: *Deep-water Carbonates*, P.D. Crevello and P.M. Harris (Eds.)
 Society of Economic Paleontologists and Mineralogists Special Publication 25, p.249-261
- EnCana Corporation, 2006
Deep Panuke Offshore Gas Development – Development Plan
 Deep Panuke Development Plan Application - Volume 2, 293p.
- Geological Survey of Canada, 2004: *Magnetic Anomaly Map – Atlantic Canada Region.*
 Geological Survey of Canada Open File 1813, 1:3,000,000 scale
- Geological Survey of Canada, 2004: *Magnetic Anomaly Map – Scotian Shelf and Surrounds.*
 Geological Survey of Canada Open File 1814, 1:500,000 scale
- Geological Survey of Canada, 2004: *Magnetic Anomaly Map – Gulf of St. Lawrence and Surrounds.* Geological Survey of Canada Open File 1815, 1:500,000 scale
- Gibling, M.R., Calder, J.H., Ryan, R., van der Poll, H.W. and Yeo, G.M., 1992
Late Carboniferous and Early Permian drainage patterns in Atlantic Canada.
 Canadian Journal of Earth Sciences, vol.29, no.2, p.338-352.
- Given, M.M., 1977
Mesozoic and early Cenozoic geology of Offshore Nova Scotia.
 Bulletin of Canadian Petroleum Geology, vol.25, no.1, p.63-91.
- Gradstein, F.M., Jansa, L.F., Srivastava, S.P., Williamson, M.A., Bonham-Carter and Stam, B., 1990
Chapter 8 - Aspects of North American paleo-oceanography.
 In: *Geology of the continental margin of eastern Canada*, M.J. Keen and G.L. Williams (Eds.).
 Geological Survey of Canada, Geology of Canada no.2, p.190-238 (also Geological Society of America, *The Geology of North America*, vol.I-1).
- Grant, A.C., and McAlpine, K.D., 1990
Chapter 6 – The continental margin around Newfoundland.
 In: *Geology of the continental margin of eastern Canada*, M.J. Keen and G.L. Williams (Eds.).
 Geological Survey of Canada, Geology of Canada no.2, p.239-292 (also Geological Society of America, *The Geology of North America*, vol.I-1).
- Greenough, J.D., 1995
Chapter 6 – Mesozoic Rocks.
 In: *Geology of the Appalachian-Caledonian Orogen in Canada and Greenland.* H. Williams (Ed.).
 Geological Survey of Canada, Geology of Canada no.6, p.567-600 (also Geological Society of America, *The Geology of North America*, vol.F-1).
- Grist, A.M., Ryan, R.J., and Zentilli, M., 1995
The thermal evolution and timing of hydrocarbon generation in the Maritimes Basin of eastern Canada: evidence from apatite fission track data.
 Bulletin of Canadian Petroleum Geology, vol.43, no.2, p.145-155.
- Hacquebard, P.A. 1974
A composite coalification curve of the Maritime region and its value for petroleum exploration.
 Geological Survey of Canada, Paper 74-1, Part B, p.21-23.
- Harvey, P.J., 1993

Porosity identification using amplitude variations with offset in Jurassic carbonate, offshore Nova Scotia.

The Leading Edge, Society of Exploration Geophysicists, March 1993, vol.12, no.3, p.180-184.

Harvey, P.J., and MacDonald, D.J., 1990

Seismic Modelling of Porosity within the Jurassic Aged Carbonate Bank, Offshore Nova Scotia.

Canadian Journal of Exploration Geophysicists, vol.26, nos.1&2, p.54-71.

Holser, W.T., Clement, G.P., Jansa, L.F., and Wade, J.A., 1988

Evaporite Deposits of the North Atlantic rift.

In: W. Manspeizer (Ed.), *Triassic-Jurassic Rifting: Continental Breakup and the Origin of the Atlantic Ocean and Passive Margins (Part B)*,

Elsevier, Amsterdam, p.525-556.

Jansa, L.F., 1993

Early Cretaceous Carbonate Platforms of the Northeastern North American Margin.

In: J.A.T. Simo, R.W. Scott and J.-P. Masse (Eds.), *Cretaceous Carbonate Platforms*,

American Association of Petroleum Geologists Memoir 56, p.111-126.

Jansa, L.F., 1986

Paleogeography and evolution of the North Atlantic ocean basin during the Jurassic.

In: *The Geology of North America – Volume M: The Western North Atlantic Region*, P.R. Vogt and B.E. Tucholke (Eds.)

Geological Society of America, p.603-616.

Jansa, L.F., 1981

Mesozoic carbonate platforms and banks off the eastern North American margin.

Marine Geology, vol.44, p.97-117.

Jansa, L.F., and Nogeura Urrea, V.H.N., 1990

Geology and Diagenetic History of Overpressured Sandstone Reservoirs, Venture Gas Field, Offshore Nova Scotia, Canada.

Bulletin of American Association of Petroleum Geologists vol.74, no.10, p.1640-1658.

Jansa, L.F., and Wade, J.A., 1975: *Geology of the continental margin off Nova Scotia and Newfoundland.* In: W.J.M. Van Der Linden and J.A. Wade, (Eds.), *Offshore Geology of Eastern Canada*, Geological Survey of Canada Paper 74-30, vol.2, p.51-105.

Jansa, L.F., and Wade, J.A., 1975: *Paleogeography and sedimentation in the Mesozoic and Cenozoic, southeastern Canada.* In: C.J. Yorath, E.R. Parker and D.J. Glass (Eds.), *Canada's Offshore Margins and Petroleum Exploration*, Canadian Society of Petroleum Geologists, Memoir 4, p.79-102.

Jansa, L.F., and Wiedmann, J., 1982

Mesozoic-Cenozoic Development of the Eastern North American and Northwest African Continental Margins - A Comparison.

In: *Geology of the Northwest African Continental Margin*, U. von Rad, K. Hinz, M. Sarthein and E. Seibold (Eds.)

Springer Verlag, Berlin, p.215-269.

Jansa, L.F., Bujak, J.P, and Williams, G.L., 1980

Upper Triassic salt deposits of the western North Atlantic.

Canadian Journal of Earth Sciences, vol.17, no.5, p.547-559.

Jansa, L.F. Pe-Piper, G., Robertson, P.B. and Freidenreich, O. 1989

Montagnais: A submarine impact structure on the Scotian shelf, eastern Canada.

Geological Society of America Bulletin, vol.101, p.450-463.

Keen, C.E., and Potter, D.P., 1995a

Formation and evolution of the Nova Scotia Rifted margin: Evidence from deep seismic reflection data.

Tectonics, vol.14, no.4, p.918-932.

- Keen, C.E., and Potter, D.P., 1995b
The transition from a volcanic to nonvolcanic rifted margin off eastern Canada.
Tectonics, vol.14, no.2, p.359-371.
- Keen, C.E., MacLean, B.C. & Kay, W.A., 1991
A deep seismic reflection profile across the Nova Scotia continental margin, offshore eastern Canada.
Canadian Journal of Earth Sciences, vol.28, no.7, p.1112-1120.
- Keen, C.E., Kay, W.A., Keppie, D., Marillier F., Pe-Piper, G., & Waldron, J.W.F., 1991
Deep Seismic Reflection Data from the Bay of Fundy and Gulf of Maine: Tectonic Implications for the Northern Appalachians.
Canadian Journal of Earth Sciences, vol.28, no.7, p.1096-1111.
- Kidston, A.G., Brown, D.E., Smith B.M. and Alheim, B., 2002
Hydrocarbon Potential of the Deep-Water Scotian Slope.
Canada-Nova Scotia Offshore Petroleum Board, Halifax, 111p. CD-ROM and
www.cnsopb.ns.ca/resources/assessment.html
- Kidston, A.G., Brown, D.E., Smith B.M. and Alheim, B., 2005
The Upper Jurassic Abenaki Formation Offshore Nova Scotia: A Seismic and Geologic Perspective.
Canada-Nova Scotia Offshore Petroleum Board, Halifax, 165p. CD-ROM and
www.cnsopb.ns.ca/whatsnew/news_jun-27a-5.html
- Klemme, H.D., 1994
Petroleum Systems of the World Involving Upper Jurassic Source Rocks.
In: L.B. Magoon, and W.G. Dow (Eds.), *The Petroleum System – From Source to Trap*
American Association of Petroleum Geologists Memoir 60, p.51-72.
- Li, G., Ravenhurst, C.E., and Zentilli, M., 1995
Implications of apatite fission track analysis for the thermal history of the Scotian Basin, offshore Nova Scotia, Canada.
Bulletin of Canadian Petroleum Geology, vol.43, no.2, p.127-144.
- Louden, K., 2002
Tectonic Evolution of the East Coast of Canada.
Canadian Society of Exploration Geophysicists "Recorder", vol.27, no.2, p.37-48.
- Lyngberg, E., 1984
The Orpheus graben, offshore Nova Scotia: Palynology, organic chemistry, maturation and time-temperature history.
MSc. Thesis, University of British Columbia.
- MacDonald, J.D., 1988
Offshore Nova Scotia: Oil discoveries and possible trends.
(Presented to the 1988 Canadian Society of Petroleum Geologists Technical Conference, Calgary, Alberta, Canada.)
- Mango, F.D. 1990
Pre-steady state kinetics at the onset of petroleum generation.
Organic Geochemistry, vol.16, nos.1-3, p.41-48.
- MacLean, B.C., and Wade, J.A., 1993
Seismic Markers and Stratigraphic Picks in the Scotian Basin Wells.
East Coast Basin Atlas Series, Geological Survey of Canada, 276p.
- MacLean, B.C., and Wade, J.A., 1992
Petroleum geology of the continental margin south of the islands of St. Pierre and Miquelon, Offshore Eastern Canada.

Bulletin of Canadian Petroleum Geology, vol.40, no.3, p.222-253.

MacRae, R.A., Shimelf, J.W, and Wielens, J.B.W., 2002
Sequence stratigraphy and hydrocarbon potential of Upper Cretaceous limestone units, offshore Nova Scotia.
Geological Survey of Canada Open File 4023 (poster montage).

Mudford, B.S., and Best, M.E., 1989
The Venture gas field, offshore Nova Scotia: case study of overpressuring in a region of low sedimentation rate.
Bulletin of American Association of Petroleum Geologists vol.73, no.9, p.1383-1396.

Mukhopadhyay, P.K. 1995
Organic petrography and kinetics of Jurassic/Cretaceous shales and geochemistry of selected liquid hydrocarbons, Scotian Basin.
Geological Survey of Canada Open File Report No.3284.

Mukhopadhyay, P.K. 1994
Organic petrography and kinetics of limestone and shale source rocks in wells adjacent to Sable Island, Nova Scotia and the interpretation on oil-oil or oil-source rock correlation and basin modeling.
Geological Survey of Canada Open File Report No.3167.

Mukhopadhyay, P.K. 1994
Isotope analysis and kinetics of selected kerogens and source rocks from wells adjacent to Sable Island, Nova Scotia.
SSC Contract No. 23420-3-C257/01-OSC.

Mukhopadhyay, P.K. 1993
Analyses and interpretation of geochemical and source rock data from Scotian Shelf wells.
Geological Survey of Canada Open File Report No.2804.

Mukhopadhyay, P.K. 1991
Characterization and maturation of selected Cretaceous and Jurassic source rocks and crude oil, Scotian Shelf.
Geological Survey of Canada Open File Report No. 2621.

Mukhopadhyay, P.K. 1990
Characterization and maturation of selected oil and condensate samples and correlation with source beds, Scotian Shelf.
Geological Survey of Canada Open File Report No. 2620.

Mukhopadhyay, P.K. 1989
Cretaceous organic facies and oil occurrence, Scotian Shelf.
Geological Survey of Canada Open File Report No. 2282.

Mukhopadhyay, P.K. and Birk, D., 1989
Organic facies in the Sable Subbasin, Scotian Shelf.
Geological Survey of Canada Open File Report No. 2027.

Mukhopadhyay, P.K. and Wade, J.A. 1993: *A review of the organic matter type, maturity and hydrocarbon source potential of deep ocean basin sediments from central North Atlantic.*
Geological Survey of Canada Open File Report No. 3156.

Mukhopadhyay, P.K. and Wade, J.A. 1990
Organic facies and maturation of sediments from the three Scotian Shelf Wells.
Bulletin of Canadian Petroleum Geology, vol.38, no.4, p.407-424.

Mukhopadhyay, P.K., Wade, J.A. and Kruge M.A. 1995
Organic facies and maturation of Jurassic/Cretaceous rocks, possible oil-source rock correlation based on pyrolysis of asphaltenes, Scotian Basin, Canada.
Organic Geochemistry, vol.22, no.1, p.85-104.

- Mukhopadhyay, P.K., Wade, J.A. and Williamson, M.A. 1994
Measured vs. Predicted vitrinite reflectance from Scotian wells: Implications for predicting hydrocarbon generation and migration.
 In: *Vitrinite Reflectance as a Maturation Parameter*, P.K. Mukhopadhyay and W.G. Dow (Eds.) American Chemical Society Symposium Series 570, p.230-248.
- Nantais, P.T., 1983
A reappraisal of the regional hydrocarbon potential of the Scotian Shelf.
 Geological Survey of Canada Open File Report No. 1175, 76p.
- Oakey, G.N. (compiler), 1998
Morphology Map, Atlantic Canada Region, Canada.
 Geological Survey of Canada Open File 3774, 1:3,000,000 scale.
- Oakey, G.N., and Dehler, S.A., 1998
Magnetic Anomaly Map, Atlantic Canada Region, Canada.
 Geological Survey of Canada Open File 3659, 1:3,000,000 scale.
- Olsen, P.E., Kent, D.V., Fowell, S.J., Schlische, R.W., Withjack, M.O., and LeTourneau, P.M., 2000
Implications of a comparison of the stratigraphy and depositional environments of the Argana (Morocco) and Fundy (Nova Scotia, Canada) Permian-Jurassic basins.
 In: *Le Permian et le Trias du Maroc, Actes de la Premier Reunion du Groupe Marocain de Permian et du le Trias.* M. Oujidi and M. Et-Touhani (Eds.)
 Hilal Impression, Oudja, Maroc, p.165-183.
- PanCanadian Energy Corporation (EnCana), 2002
Deep Panuke Offshore Gas Development
 Deep Panuke Development Plan Application - Volume 2, 145p.
- Pascucci, P., Gibling, M.R. and Williamson, M.A., 2000
Late Paleozoic to Cenozoic history of the offshore Sydney Basin, Atlantic Canada.
 Canadian Journal of Earth Sciences, vol.37, no.8, p.1165-1165.
- Pe-Piper, G., and Piper, D.J.W, 2004
The effects of strike-slip motion along the Cobequid-Chedabucto-southwest Grand Banks fault system on the Cretaceous-Tertiary evolution of Atlantic Canada.
 Canadian Journal of Earth Sciences, vol.41, no.7, p.799-808.
- Poag, C.W., 1982
Stratigraphic Reference Section for Georges Bank Basin-Depositional Model for New England Passive Margin. American Association of Petroleum Geologists Bulletin, vol.66, no.8 (August 1982), p.1021-1041.
- Powell, T.G., 1985
Paleogeographic implications for the distribution of upper Jurassic source beds: Offshore Eastern Canada.
 Bulletin of Canadian Petroleum Geology, vol.33, no.1, p.116-119.
- Powell, T.G., 1982
Petroleum geochemistry of Verrill Canyon Formation, a source for Scotian Shelf hydrocarbons.
 Bulletin of Canadian Petroleum Geology, vol.30, no.2, p.167-179.
- Powell, T.G., and Snowdon, L.R., 1979
Geochemistry of crude oils and condensates from the Scotian Basin, Offshore Eastern Canada.
 Bulletin of the Canadian Society of Petroleum Geologists, vol.27, no.4, p.453-466.
- Pratt, B.R. and Jansa, L.F. 1988
 Late Jurassic shallow water reefs of offshore Nova Scotia.
 In: *Reefs: Canada and Adjacent Area*, H.H.J. Geldsetzer, N.P. James and G.E. Tebbutt (Eds.)

Canadian Society of Petroleum Geologists Memoir 13, p. 741-747.

Purcell, L.P., Rashid, M.A., and Hardy, I.A., 1979
Geochemical characteristics of sedimentary rocks in Scotian Basin.
Bulletin of American Association of Petroleum Geologists vol.63, no.1, p.87-105.

Purcell, L.P., Umbley, D.C. and Wade, J.A., 1980
Regional geology and hydrocarbon occurrences off the east coast of Canada.
In: *Facts and Principle of World Oil Occurrences*, A. Miall, (Ed.)
Canadian Society of Petroleum Geologists Memoir 6.

Rashid, M.A. and McAlary, J.D., 1977
Early maturation of organic matter and genesis of hydrocarbons as a result of heat from a shallow piercement salt dome.
Journal of Geochemical Exploration, vol.8, no.3, p.549-569.

Ryan, W.B.F. and Miller, E.L., 1981
Evidence of a Carbonate Platform Beneath George's Bank.
Marine Geology, vol. 44, issues 1 & 2, p.213-228.

Schlee, J.S., and Klitgord, K.M., 1988
Georges Bank Basin – A regional synthesis.
In: R.E. Sheridan and J.A. Grow (Eds.), *The Geology of North America, Volume I-2: The Atlantic Continental Margin*
Geological Society of America, p.243-268.

Snowdon, L.R. and Fowler, M.B. 1988
Oil Show Analyzer, Rock-Eval and TOC data for six Scotian Shelf wells.
Geological Survey of Canada Open File No.1403, 49p.

Stea, R.R., and Pullan, S.E., 2001
Hidden Cretaceous basins in Nova Scotia.
Canadian Journal of Earth Sciences, vol.38, no.9, p.1335-1354.

Stea, R.R., and Pullan, S.E., 1997
Post-Early Cretaceous Faulting in the Musquodboit Valley, Nova Scotia.
Geological Survey of Canada Report of Activities, 1997, p.135-143.

Swift, B.A., D.S. Sawyer, J.A. Grow and K.D. Klitgord, 1987a
Subsidence, Crustal Structure and Thermal Evolution of Georges Bank Basin.
American Association of Petroleum Geologists Bulletin, vol.71, no.6 (June 1987), p.702-718.

Swift, S.A., 1987b
Late Cretaceous-Cenozoic Development of Outer Continental Margin, Southwestern Nova Scotia.
American Association of Petroleum Geologists Bulletin vol.71, no.6, p.678-701.

Tanner, L. H., and Brown, D. E., 2003
Tectonostratigraphic evolution of the Orpheus Graben, Scotian Basin, offshore Eastern Canada: Analogies to the Fundy Rift Basin.
In: *The Great Rift Valleys in Eastern North America – Sedimentology, Stratigraphy and Paleontology – Volume 2*, P.M. LeTourneau, P.E. and Olsen (Eds.)
Special Conference Volume, Columbia University Press, p.59-68.

Tanner, L.H., and Brown, D.E., 1999
The Upper Triassic Chedabucto Formation, Guysborough County, Nova Scotia: depositional and tectonic context.
Atlantic Geology, vol.35, p.129-138.

van der Poll, H.W., Gibling, M.R., and Hyde, R.S., 1995
Chapter 5 – Upper Paleozoic Rocks.
In: *Geology of the Appalachian-Caledonian Orogen in Canada and Greenland.* H. Williams (Ed.).

Geological Survey of Canada, Geology of Canada no.6, p.449-556 (also Geological Society of America, *The Geology of North America*, vol.F-1). 9

Various Authors, 1991

Biostratigraphy and Maturation Data, East Coast Basin Atlas Series.
Geological Survey of Canada Publications, p.27-50.

Wade, J.A. (with contributions by Brown, D.E., Durling, P., MacLean, B.C. and Marillier, F., 2000
Depth to Pre-Mesozoic and Pre-Carboniferous Basements.

Geological Survey of Canada Open File Report No.3842 (1:1,250,000 map of Scotian Shelf & Adjacent Areas).

Wade, J. A., 1990

Chapter 4 - The geology of the southeastern margin of Canada, Part 1: The stratigraphy of Georges Bank Basin and relationships to the Scotian Basin

In: *Geology of the continental margin of eastern Canada*, M.J. Keen and G.L. Williams (Eds.).
Geological Survey of Canada, Geology of Canada no.2, p.167-190. (also Geological Society of America, *The Geology of North America*, vol. I-1).

Wade, J.A. and MacLean, B.C., 1990

Chapter 5 - The geology of the southeastern margin of Canada, Part 2: Aspects of the geology of the Scotian Basin from recent seismic and well data.

In: *Geology of the continental margin of eastern Canada*, M. J. Keen and G.L. Williams (Eds.).
Geological Survey of Canada, Geology of Canada no.2, p.190-238 (also Geological Society of America, *The Geology of North America*, vol.I-1).

Wade, J.A., Brown, D.E., Fensome, R.A. and Traverse, A., 1996

The Triassic-Jurassic Fundy Basin, Eastern Canada: regional setting, stratigraphy and hydrocarbon potential.

Atlantic Geology, vol.32, no.3, p.189-231.

Wade, J.A., Campbell, G.R., Procter, R.M., and Taylor, G.C. 1989

Petroleum Resources of the Scotian Shelf.

Geological Survey of Canada Paper 88-10, 26p.

Wade, J.A., MacLean, B.C. & Williams, G.L.; 1995

Mesozoic and Cenozoic stratigraphy, eastern Scotian Shelf: new interpretations.
Canadian Journal of Earth Sciences, vol.32, no.9, pp.1462-1473.

Wierzbicki, R., Harland, N, and Eliuk, L., 2002

Deep Panuke and Demascota core from the Jurassic Abenaki Formation, Nova Scotia: Facies Model, Deep Panuke, Abenaki Formation.

In: Diamond Jubilee Convention, Canadian Society of Petroleum Geologists Annual Convention, Calgary, Alberta, Conference CD-ROM disc: Abstracts of Technical Talks, Posters and Coder Displays, Paper No.12345678, 31 pages with figures.

Wierzbicki, R., Dravis, J.J., Al-Aasm, I., and Harland, N. 2006.

Burial dolomitization and dissolution of Upper Jurassic Abenaki platform carbonates, Deep Panuke reservoir, Nova Scotia, Canada.

American Association of Petroleum Geologists Bulletin, vo.90, p.1843-1861.

Weissenberger, J., Harland, N., Hogg, J., and Sylonyk, G., 2000

Sequence stratigraphy of Mesozoic Carbonates, Scotian Shelf, Canada.

In: GeoCanada 2000 – The Millenium Geoscience Summit, Joint Convention of the CSPG, CSEG, GAC, MAC, CGU & CWLS, Conference CD-ROM disk, Paper No.1262 (5 pages, 4 figures).

Welsink, H.J., Dwyer, J.D., and Knight, R.J., 1990

Tectono-Stratigraphy of Passive Margin Off Nova Scotia.

In: *Extensional Tectonics and Stratigraphy of the North Atlantic Margins*, A.J. Tankard and J.R. Balkwill (Eds.)

American Association of Petroleum Geologists Memoir 31, p.215-231.

Williams, H., and Grant, A.C., 1998
Tectonic Assemblages Map, Atlantic Region, Canada.
Geological Survey of Canada Open File 3657, 1:3,000,000 scale.

Williams, G.L., Fyffe, L. R., Wardle, R. J., Colman-Sadd, S.P., and Boehner, R. C., 1985
Lexicon of Canadian Stratigraphy Volume VI - Atlantic Region.
Canadian Society of Petroleum Geologists, 572p.

Williams, G.L., Ascoli, P., Barss, M.S., Bujak, J.P., Davies, E.H., Fensome, R.A. and Williamson, M.A., 1990
Chapter 3 - Biostratigraphy and related studies. In: Geology of the continental margin of eastern Canada.
In: Geology of the continental margin of eastern Canada, M. J. Keen and G.L. Williams (Eds.).
Geological Survey of Canada, Geology of Canada no.2, 7p.190-238 (also Geological Society of America, *The Geology of North America*, vol.1-1).

Williamson, M.A., 1995
Overpressures and Hydrocarbon Generation in the Sable Sub-basin, Offshore Nova Scotia.
Basin Research, vol.7, p.21-34.

Williamson, M.A., and Desroches, K., 1993
A Maturation Framework for Jurassic Sediments in the Sable Sub-basin, Offshore Nova Scotia.
Bulletin of Canadian Petroleum Geology, vol.41, no.2, p.244-257.

Williamson, M.A., and Smyth, C., 1992
Timing of Gas and Overpressure Generation in the Sable Sub-basin, Offshore Nova Scotia: Implications for Gas Migration Dynamics.
Bulletin of Canadian Petroleum Geology, vol.40, no.2, p.151-169.

Withjack, M.O., Olsen.P.E., and Schlische, R.W., 1995
Tectonic evolution of the Fundy rift basin, Canada: evidence of extension and shortening during passive margin development.
Tectonics, vol.14, p.390-405.

Withjack, M.O., Schlische, R.W., and Olsen, P.E., 1998
Diachronous rifting, drifting and inversion on the passive margin of Central Eastern North America: an analog for other passive margins.
American Association of Petroleum Geologists Bulletin, vol.82, no.5A, p.817-835.
