

CURRENT BIBLIOGRAPHY

Recently published works pertaining to sedimentary geology in the Maritime region and environs are listed below. They have been extracted from Geoscience Abstracts for November and December 1966, and Abstracts of North American Geology for January and February 1967

Geological Maps and Regional Geology

- BRUNNER, J. J., 1966, Quart nord-ouest du conton de Holland, comté de Gaspé-Nord (Northwest quarter of Holland Township, Gaspé North county): Quebec, Dept. Nat. Resources, Geol. Rept. 125, 108 p.
- MALLOY, R. J. and R. N. HARBISON, 1966, Marine geology of the northeastern Gulf of Maine: U.S. Coast & Geodetic Survey, Tech. Bull. No. 28, 15 p.
- TAGG, A. R. and E. UCHUPI, 1966, Distribution and geologic structure of Triassic rocks in the Bay of Fundy and the northeastern part of the Gulf of Maine: U.S. Geol. Surv., Prof. Paper 550-B, p. 95-98.

Geomorphology

- ANDREWS, J. T., 1966, Pattern of coastal uplift and deglaciation, west Baffin Island, N. W. T.: Geog. Bull., v. 8, p. 174-193.
- BEAL, M. A. et al., 1966, The floor of the Arctic Ocean: geographic names: Arctic, v. 19, p. 215-219.
- DIONNE, J.-C., 1966, Un type de buttes gazonnées: Rev. Géomorphologique Dynamique, v. 16, p. 97-100.
- GRANT, A. C., 1966, A continuous seismic profile on the continental shelf off N. E. Labrador: Can. Jour. Earth Sci., v. 3, p. 725-730.
- HAY, J. and P. FARB, 1966, The Atlantic shore-Human and natural history from Long Island to Labrador: Harper and Row, New York and London, 246 p.
- KROUSE, D. E. et al., 1966, Seismic profile showing Cenozoic development of the New England continental margin: Jour Geophys. Res., v. 71, p. 4327-4332.
- MATTHEWS, B., 1966, Radiocarbon dated postglacial land uplift in northern Ungava, Canada: Nature, v. 211, no. 5054, p. 1164-1166.
- PELLETIER, B. R., 1966, Development of submarine physiography in the Canadian Arctic and its relation to crustal movements: in Continental Drift, Roy. Soc. Canada, Spec. Pub. 9, p. 77-101.
- UCHUPI, E., 1966, Topography and structure of Cashes Ledge, Gulf of Maine: Maritime Sediments, v. 2, p. 117-120.
- U.S. ARMY, Corps of Engineers, Coastal Engineering Research Center, 1966, Interagency Conference on continental shelf research: 37 p.
- YANAGUTI, S., 1966, On the changes in the heights of mean sea-levels at Portland, Maine and at Baltimore, Md. U.S.A.: Tokyo Univ. Earthquake Res. Inst. Bull., v. 44, p. 141-152.

Structural Geology

- CAMERON, H. L., 1966, The Cabot fault zone: in Continental Drift, Roy. Soc. Canada, Spec. Pub. 9, p. 129-140.
- FYSON, W. K., 1966, Structures in the Lower Paleozoic Meguma Group, Nova Scotia: Geol. Soc. America Bull., v. 77, p. 931-943.
- HILGENBERG, O. C., 1966, Bestätigung der Kennedy-Channel-Scherung durch die Bruchstruktur von Grönland und Nordost-Kanada: Geotektonische Forschungen, no. 22, 74 p., English summary.

- HOEN, E. W., 1964, The anhydrite diapirs of central western Axel Heiberg Island: in Jacobson-McGill Arctic Research Expedition to Axel Heiberg Island, Queen Elizabeth Islands, 1959-1962, McGill University, Montreal, 102 p.
- KUMARAPALI, P. S. and V. A. SAULL, 1966, The St. Lawrence Valley system: A North American equivalent of the East African rift valley system: *Can. Jour. Earth Sci.*, v. 3, p. 639-658.
- MINARD, J. P. and J. P. OWENS, 1966, Domes in the Atlantic Coastal Plain east of Trenton, New Jersey: *U. S. Geol. Surv., Prof. Paper 550-B*, p. 16-19.

Paleontology

- BERRY, W. B. N. and G. THEOKRITOFF, 1966, Description and Paleocology of an Tremadoc dendroid Graptolite from northern New York: *Geol. Soc. American Bull.*, v. 77, p. 873-877.
- _____, 1966, Zones and Zones - with exemplification from the Ordovician: *Am. Assoc. Pet. Geol. Bull.*, v. 50, p. 1487-1500.
- BOUCOT, A. J. and J. G. JOHNSON, 1966, *Ehlersella*, a new Silurian stricklandiid brachiopod genus: *Jour. Paleo.*, v. 40, p. 569-572.
- DOMBROWSKI, H. J., 1966, Geological problems in the question of living bacteria in Paleozoic salt deposits: in Symposium on Salt, 2d - v. 1, *Geology, Geochemistry, Mining, Northern Ohio Geol. Soc.*, Cleveland, p. 215-220.
- DURAND, J. W. et al., 1966, Treatise on invertebrate paleontology: Part V. Echinodermata 3, Volume 2, Geological Society of America and University of Kansas Press, New York and Lawrence, 695 p.
- McGREGOR, D. C. and B. OWENS, 1966, Illustrations of Canadian fossils, Devonian spores of eastern and northern Canada: *Geol. Surv. Canada, Paper 66-30*, 66 p.
- RADFORTH, N. W., 1966, The ancient flora and continental drift: in *Continental Drift*, Roy. Soc. Canada, Spec. Pub. 9, p. 53-70.
- RASETTI, F., 1966, Revision of the North American species of the Cambrian trilobite genus *Pagetia*: *Jour. Paleo.*, v. 40, p. 502-511.
- SHAW, A. B., 1966, Paleontology of northwestern Vermont - II, Fossils from the Middle Cambrian St. Albans Shale: *Jour. Paleo.*, v. 40, p. 843-858.

Geophysics

- ARMSTRONG, R. L., 1966, K-Ar dating of plutonic and volcanic rocks in orogenic belts: in *Potassium argon dating*, Springer-Verlag, New York, p. 117-133.
- BERGER, J.; A. E. COK; J. E. BLANCHARD and M. J. KEEN, 1966, Morphological and geophysical studies on the eastern seaboard of Canada-The Nova Scotian shelf: in *Continental Drift*, Roy. Soc. Canada, Spec. Pub. 9, p. 102-113.
- CANADA, GEOLOGICAL SURVEY, 1966, Aeromagnetic map, Larrys River, Guysborough County, Nova Scotia: *Geol. Surv. Canada, Geophysics Paper 231*, 2nd. edition.
- _____, Aeromagnetic map, Franboise, Cape Breton and Richmond counties, Nova Scotia: *Geol. Surv. Canada, Geophysics Paper 233*, 2nd edition.
- _____, Aeromagnetic map, Country Harbour, Guysborough County, Nova Scotia: *Geol. Surv. Canada, Geophysics Paper 242*, 2nd edition.
- _____, Aeromagnetic maps, Scotian Shelf-Sheets 10K (5, 10-15), 10L(2-16), 10M(1-16), 10N(3-6, 11-14), 11C(3-6, 11-14), 11D(1-4, 6-9), 11F(1, 2, 7, 8): *Geol. Surv. Canada, Geophysics Papers 4823-4884*.
- _____, Geological Survey of Canada field parties, 1966 (total 102): *Geol. Surv. Canada, Prelim. Ser. Map 1-1966*.

- DEUTSCH, E. R., 1966, The rock magnetic evidence for continental drift: in Continental Drift, Roy. Soc. Canada, Spec. Pub. 9, p. 28-52.
- EWING, G. N. and G. D. HOBSON, 1966, Marine seismic refraction investigation over the Orpheus gravity anomaly off the east coast of Nova Scotia: Geol. Surv. Canada, Paper 66-38, 10 p.
- FAIRRBAIN, H. W.; M. L. BOTTIN; W. H. PINSON, Jr., and P. M. HURLEY, 1966, Whole-rock age and initial $\text{Sr}^{87}/\text{Sr}^{86}$ of volcanics underlying fossiliferous Lower Cambrian in the Atlantic provinces of Canada: Can. Jour. Earth Sci., v. 3, p. 509-521.
- GOODACRE, A. K. and P. W. NYLAND, 1966, Underwater gravity measurements in the Gulf of St. Lawrence: in Continental Drift, Roy. Soc. Canada, Spec. Pub. 9, p. 114-128.
- KING, E. R., I. ZEITZ and L. R. ALLDREDGE, 1966, Magnetic data on the structure of the central Arctic region: Geol. Soc. America Bull., v. 77, p. 619-646.
- LAROCHELLE, A., 1966, Sur le paléomagnétisme des terrains rouges Permo-carbonifères de l'est du Canada (discussion of paper by J. L. ROY, 1966): Can. Jour. Earth Sci., v. 3, p. 730-733.
- _____ and R. K. WANLESS, 1966, The paleomagnetism of a Triassic diabase dike in Nova Scotia: Jour. Geophys. Res., v. 71, p. 4949-4953.
- MÜLLER, F. and W. BARR, 1966, Postglacial isostatic movement in northeastern Devon Island, Canadian Arctic Archipelago: Arctic, v. 19, p. 263-269.
- OPDYKE, N. D. and H. WENSINK, 1966, Paleomagnetism of rocks from the White Mountain plutonic-volcanic series in New Hampshire and Vermont: Jour. Geophys. Res., v. 71, p. 3045-3051.
- STEENBURGH, W. E. van and M. J. GIROUX, 1966, Scientific research in the Arctic - Canada: Arctic, v. 19, p. 48-61.
- VOGT, P. R. and N. A. OSTENSO, 1966, Magnetic survey over the Mid-Atlantic Ridge between 42°N and 46°N : Jour. Geophys. Res., v. 71, p. 4389-4411.

Stratigraphy and Historical Geology

- BARR, C. A., 1966, Bromine investigations on Eastern Canada salt deposits: in Symposium on Salt, 2nd - V.1, Geology, Geochemistry, Mining, Northern Ohio Geol. Soc., Cleveland, p. 276-292.
- BOYLE, R. W. et al., 1966, Geochemistry of Pb, Zn, Cu, As, Sb, Mo, Sn, W, Ag, Ni, Co, Cr, Ba and Mn in the waters and stream sediments of the Bathurst-Jacquet River district, New Brunswick: Geol. Surv. Canada, Paper 65-42, 50 p.
- HOWIE, R. D., 1966, Catalogue of well samples from Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland at the Geological Survey of Canada, Ottawa: Geol. Surv. Canada, Paper 65-40, 43 p.
- LaSALLE, P., 1966, Geology of the Hébertville area (unconsolidated sediments), Lac Saint-Jean, Jonquière-Kenogami and Roberval countries: Quebec Dept. Nat. Res., Prelim. Rept. 546, 12 p.
- PAVLIDES, L. and W. B. N. BERRY, 1966, Graptolite-bearing Silurian rocks of the Houlton-Smyrna Mills area, Aroostook county, Maine: U. S. Geol. Surv., Prof. Paper 550-B, p. 51-61.
- ROBERT, J.-L., 1966, Geology of the Mount Vallières-de-Saint-Réal area, Gaspé North county: Quebec Dept. Nat. Res., Prelim. Rept. 549, 21 p.
- TUKE, M. F. et al., 1966, The basal sedimentary rocks in Somerset Island, N. W. T.: Can. Jour. Earth Sci., v. 3, p. 697-711.
- VAN DE POLL, H. W., 1966, Sedimentation and paleocurrents during Pennsylvanian time in the Moncton Basin, New Brunswick: Maritime Sediments, v. 2, p. 120-127.

Sedimentary Petrology

- HEEZEN, B. C. ; E. D. SCHNEIDER and O. H. PILKEY, 1966, Sediment transport by the Antarctic Bottom Current on the Bermuda Rise: *Nature*, v. 211, no. 5049, p. 611-612.
- KALLIOKOSKI, J. , 1966, Diagenetic pyritization in three sedimentary rocks: *Econ. Geol.*, v. 61, p. 872-885.
- McMULLEN, R. M. , 1966, Surface sediments on the Grand Banks off Newfoundland: A progress report: *Maritime Sediments*, v. 2, p. 131-132.
- MILLIMAN, J. D. , 1966, Submarine lithification of carbonate sediments: *Science*, v. 153, no. 3739, p. 994-997.

Geohydrology

- HODGES, A. L. , Jr. , 1966, Ground water favorability map of the Batten Kill, Walloonsac River and Hoosic River basins: *Vermont Dept. Water Res.*
- UPSON, J. E. , 1966, Relationships of fresh and salty ground water in the northern Atlantic Coastal Plain of the United States: *U.S. Geol. Surv., Prof. Paper* 550-C, p. 235-243.

Mineral Deposits and Fuels

- HOGG, G. M. , 1966, The exploration of a sulphide-bearing belt, Labrador and New Quebec: *Can. Mining & Metall. Bull.*, v. 59, p. 1085-1092.
- LLOYD, G. V. , 1966, Exploration for gas in Eastern Canada: *Oilweek*, v. 17, p. 42, abstract.

Miscellaneous

- CHARLIER, R. H. , 1966, International Oceanographic Congress, Moscow, 1966: *Geotimes*, v. 11, no. 2, p. 11-12.
- _____ , Probing the oceans: *Science*, v. 153, no. 3742, p. 1421-1423.
- DIETZ , R. S. , 1966, Our deep and wide ocean: *Science*, v. 153, no. 3742, p. 1423-1428.
- TREMAINE, M. , ed. , 1965, Arctic bibliography, Vol. XII: U.S. Government Printing Office, Washington, D.C. , 20420, 1392 p.