

Current Bibliography

Volume 4, Number 1, April 1968

URI: https://id.erudit.org/iderudit/ageo04_1bib01

[See table of contents](#)

Publisher(s)

Maritime Sediments Editorial Board

ISSN

0843-5561 (print)

1718-7885 (digital)

[Explore this journal](#)

Cite this document

(1968). Current Bibliography. *Atlantic Geology*, 4(1), 35–41.

Current Bibliography

Recently published works pertaining to sedimentary geology in the Maritime regions and environs are listed below. They have been extracted from Abstracts of North American Geology for December, 1967 and January, February, March, 1968.

Areal Geology

- BERRYHILL, H. L., Jr., 1967, Late Paleozoic tectonism in eastern United States as indicated by Lower Permian rocks in the Allegheny region; base and age of the Dunkard Group: in Paleotectonic maps of the Permian System; U.S. Geol. Misc. Geol. Inv. Map I-450, p. 33-36.
- _____, 1967, Allegheny region: Chap. A in Paleotectonic investigations of the Permian System in the United States; U.S. Geol. Surv. Prof. Paper 515, p. 1-7.
- BROMERY, R. W.; GRISCOM, A., 1967, Aeromagnetic and generalized geologic map of southeastern Pennsylvania: U.S. Geol. Surv. Geophys. Inv. Map GP-577.
- CHIDESTER, A. H.; HATCH, N. L., Jr.; OSBERG, P. H.; NORTON, S. A.; HARTSHORN, J. H., Geologic map of the Rowe quadrangle, Franklin and Berkshire Counties, Massachusetts, and Bennington and Windham Counties, Vermont: U.S. Geol. Surv. Geol. Quad. Map GQ-642.
- CUMMING, L. M., 1967, Geology of the Passamaquoddy Bay region, Charlotte County, New Brunswick: G. S. C. Paper 65-29, 36 p.
- DAVIS, R. E.; DRAKE, A. A., Jr.; EPSTEIN, J. B., 1967, Geologic map of the Bangor quadrangle, Pennsylvania -New Jersey: U.S. Geol. Survey, Geol. Quad. Map GQ-665.
- EPENSHADE, G. H.; Boudette, E. L., 1967, Geology and petrology of the Greenville quadrangle, Piscataquis and Somerset Counties, Maine: U.S. Geol. Surv. Bull. 1241-F, p. F1-F60.
- HARTSHORN, J. H.; KOTEFF, C., 1967, Geologic map of the Springfield South quadrangle, Hampden County, Massachusetts, and Hartford and Tolland Counties, Connecticut: U.S. Geol. Survey, Geol. Quad. Map GQ-678.
- HUSSEY, A. M., et al (compilers), 1967, Preliminary geologic map of Maine: Maine Geol. Survey.
- MOORE, G. E., Jr., 1967, Bedrock geologic map of the Watch Hill quadrangle, Washington County, Rhode Island, and New London County, Connecticut: U.S. Geol. Surv. Quad. Map GQ-655.
- NEUMAN, R. B., 1967, Bedrock geology of the Shin Pond and Stacyville quadrangles, Penobscot County, Maine: U.S. Geol. Surv. Prof. Paper 524-I, p. I 1 - I 39.
- OFFIELD, T. W., 1967, Bedrock geology of the Goshen-Greenwood Lake area, N. Y.: New York State Mus. and Sci. Service Map and Chart Ser. no. 9, 77 p.
- QUINN, A. W., 1967, Bedrock geology of the Chepachet quadrangle, Providence County, Rhode Island: U.S. Geol. Survey, Bull. 1241-G, p. G 1 - G 26.
- ROBERT, J. -L., 1966, Geology, Mount Vallieries-de-Saint Real area: Mining in Canada, v. 39, p. 43-48.
- SCHWEINFURTH, S. P., 1967, Geologic map of the California quadrangle, Washington and Fayette Counties, Pennsylvania: U.S. Geol. Survey, Geol. Quad. Map GQ-648.
- TOMIKEL, J. C.; SHEPPS, V. C., 1967, The geography and geology of Erie County, Pennsylvania: Penn. Geol. Surv., 4th Ser., Inf. Circ. 56, 64 p.

Geomorphology, Glacial Geology, Hydrology

- ANDREWS, J. T., 1967, Problems in the analysis of the vertical displacement of shorelines: Geog. Branch Canada, Geog. Bull., v. 9, p. 71-74.
- BIRD, J. B., 1967, The physiography of Arctic Canada, with special reference to the area south of Parry Channel: Baltimore, Md., Johns Hopkins Press, 336 p.
- ANDREWS, J. T., 1968, Notes on Glacioisostatic Studies, Baffin Island, Northwest Territories, Canada, Coastal Research Notes, Vol. 2, No. 7, pp. 11-14.
- CALKIN, P. E., 1968, Glaciolacustrine strand lines and Late Pleistocene history of Lake Erie Basin, northwestern New York, a progress report, Coastal Research Notes, Vol. 2, No. 7, pp. 15-20.
- CONNALLY, G. G.; SIRKIN, L. A., 1967, The Pleistocene geology of the Wallkin Valley: in New York State Geol. Assoc., 39th Ann. Mtg., Guide book to field trips, New Paltz, N. Y.,

- p. A 1 - A 23, G 1 - G 3.
- DIONNE, J.-C., 1967, Fentes de gel fossiles, dans le comté de l'Islet: *Cahiers Géographie Québec*, v. 11, p. 96-100.
- _____; LAVERDIÈRE, C., 1967, Sur la mise en place en milieu littoral de cailloux plats posés sur la tranche (English and German Summ.): *Zeitschr. Geomorphologic*, new ser., v. 11, p. 262-286.
- FRIENDS of the PLEISTOCENE (EASTERN GROUP), 1967, Field trip guide, 30th annual reunion, Machias, Maine, May 1967; Orono, Maine, Univ. of Maine Press, 18 p.
- HODGES, A. L., Jr.; BUTTERFIELD, D., 1967, Ground water favorability map of the Missisquoi River Basin, Vermont: Vermont Dept. Water Resources.
- _____, 1967, Ground water favorability map of the Nulhegan-Passumpsic River Basin, Vermont: Vermont Dept. Water Resources.
- IVES, J. D., 1967, Glacier terminal features in northeast Baffin Island - Illustrations with descriptive notes (French abs.): *Canada Geog. Branch, Geog. Bull.*, v. 9, p. 62-70.
- KING, C. A. M.; BUCKLEY, J. T., 1967, The chronology of deglaciation around Ege Bay and Lake Gillian, Baffin Island, N. W. T. (French abs.): *Geog. Branch Canada, Geog. Bull.*, v. 9, p. 20-32.
- LaSALA, A. M., Jr., 1967, New approaches to water-resources investigations in upstate New York: *Ground Water*, v. 5, p. 6-11.
- LAVERDIÈRE, C., 1967, Sur le lieu de fonte sur place de la calotte glaciare de Scheffer: *Canadian Geographer*, v. 11, p. 87-95.
- _____; DIONNE, J.-C., 1967, Un nouveau terme du vocabulaire de la géomorphologie littorale: *Cahiers Géographie Québec*, v. 11, no. 22, p. 100-102.
- McDONALD, B. C., 1967, Pleistocene events and chronology in the Appalachian region of southeastern Quebec, Canada (abs.): *Dissert. Abs. Sec. B, Sci. and Eng.*, v. 28, p. 234B-235B.
- MATTHIAS, G. F., 1967, Weathering rates of Portland arkose tombstones: *Jour. Geol. Education*, v. 15, p. 140-144.
- MOTT, R. J.; PREST, V. K., 1967, Stratigraphy and palynology of buried organic deposits from Cape Breton Island, Nova Scotia: *Cdn. Jour. Earth Sci.*, v. 4, p. 709-724.
- REDFIELD, A. C., 1967, The ontogeny of a salt marsh estuary: in *Estuaries* (ed. G. H. Lauff), *Am. Assoc. Adv. Sci. Pub.* 83, p. 108-114.
- RITCHOT, G., 1967, Problèmes géomorphologiques du Québec méridional - Pt. 1, Le mont Royal, esquisse géomorphologique (English and French abs.): *Rev. Géographie Montréal*, v. 21, p. 41-79.
- SAMUEL, E. A., 1967, Water resources of the Parker and Rowley River basins, Massachusetts: *U.S. Geol. Surv. Hydrol. Inv. Atlas HA-247*.
- TORELL, W. M., 1967, Notes on the Pleistocene coastal features of the Great Lakes with special reference to Ontario: *Coastal Research Notes*, v. 2, no. 6, p. 3-5.
- TURNER, W. R., 1967, A computer-oriented ground-water information storage and retrieval system: *Ground Water*, v. 5, p. 30-37.

Stratigraphy

- CHRISTIE, R. L., 1967, Stratigraphic sections of Palaeozoic rocks on Prince of Wales and Somerset Islands, District of Franklin, Northwest Territories: *G. S. C. Paper 67-24*, 21 p.
- FRAKES, L. A., 1967, Stratigraphy of the Devonian Trimmers Rock in eastern Pennsylvania: *Penn. Geol. Surv., 4th Ser., Bull. G 51 (General Geology Rept.)*, 208 pp.
- KERR, J. W., 1967, Vendom Fiord Formation - A new red-bed unit of probable early Middle Devonian (Eifelian) age, Ellesmere Island, Arctic Canada: *G. S. C. Paper 67-43*, 8 p.
- _____, 1967, New nomenclature for Ordovician rock units of the eastern and southern Queen Elizabeth Islands, Arctic Canada: *Bull. Cdn. Petroleum Geology*, v. 15, p. 91-113.
- _____, 1966, Proterozoic through Devonian stratigraphy, central Ellesmere Island, N. W. T. (abs.): in *Lower Paleozoic symposium; Bull. Cdn. Petroleum Geology*, v. 14, p. 602-603.
- MacLACHLON, D. B., 1967, Structure and stratigraphy of the limestones and dolomites of Dauphin County, Pennsylvania: *Penn. Geol. Surv., 4th Ser., Bull. G 44 (General Geology Rept.)*, 168 p.
- OLIVER, W. A., Jr., 1967, Stratigraphy of the Bois Blanc Formation in New York: *U.S. Geol. Surv. Prof. Paper 584-A*, p. A 1 - A 8.
- ROLIFF, W. A., 1967, A stratigraphic analysis of the subsurface data relating to the Chazy Group in the St. Lawrence Lowland of eastern Canada: *Cdn. Jour. Earth Sci.*, v. 4, p. 579-595.
- WAINES, R. H.; HOAR, F. G., 1967, Upper Silurian-Lower Devonian stratigraphic sequence, western mid-Hudson Valley region, Ulster County, New York: in *New York State*

Geol. Assoc., 39th Ann. Mtg., 1967, Guidebook to field trips, New Paltz, N. Y., p. D1-D 28, H1 - H 3.

Structural Geology, Geophysics

- BEALS, C. S.; RUFFMAN, A. S., 1967, Geological and geophysical studies of Hudson Bay: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 196-210.
- BECK, A. E., 1967, Heat flow studies: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 133-146.
- EVANS, R., 1967, The structure of the salt deposit at Pugwash, Nova Scotia (abs.): Bull. Cdn. Petroleum Geology, v. 15, p. 208.
- EWING, G. N., 1967, Seismic crustal studies in eastern Canada, the Gulf of St. Lawrence region (abs.): Bull. Cdn. Petroleum Geology, v. 15, p. 211-212.
- INNES, M. J. S.; GOODACRE, A. K.; WEBER, J. R.; McCONNELL, R. K., 1967, Structural implications of the gravity field in Hudson Bay and vicinity: in Hudson Bay geophysical survey 1965; Cdn. Jour. Earth Sci., v. 4, p. 977-993.
- JACOBS, J. A.; RUSSELL, R. D., 1967, Geophysical theory and computers: Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 181-184.
- KEEN, M. J., 1967, The Atlantic continental margin: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 211-219.
- PHILLIPS, J. D., 1967, A paleomagnetic study of the Devonian Catskill Formation of Central Pennsylvanian (abs.): Dissert. Abs. Sec. B, Sci. and Eng., v. 28, p. 235B.
- ROY, J. L.; OPDYKE, N. D.; IRVING, E., 1967, Further paleomagnetic results from the Bloomsburg formation: Jour. Geophys. Research, v. 72, p. 5075-5086.
- SERSON, P. H., 1967, Magnetism: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 85-116.
- TANNER, J. G.; INNES, M. J., 1967, Gravity, geodesy, tides, and recent movements of the Earth's crust: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 117-132.
- WHEELER, J. O., 1967, Tectonics: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 3-59.
- WHITHAM, K. (compiler), 1967, National report for Canada - Seismology and physics of the earth's interior, 1963-66: Dominion Observatory Ottawa Contr., v. 7, no. 26, 89 p.
- _____, 1967, Seismology: in Canadian Upper Mantle Report, 1967; G. S. C. Paper 67-41, p. 60-84.
- ZEN, E-an, 1967, Time and space relationships of the Taconic allochthon and autochthon: Geol. Soc. America Spec. Pub. 97, 107 p.

Paleontology

- BAIRD, D.; CARROLL, R. L., 1967, Romeriscus, the oldest known reptile: Science, v. 157, no. 3784, p. 56-58.
- BANKS, H. P.; DAVIS, M. R., 1967, A new genus of Devonian zosterophylloids (abs.) [Gaspé sandstone]: Am. Jour. Botany, v. 54, p. 650.
- BARSS, M. S., 1967, Illustrations of Canadian fossils - Carboniferous and Permian spores of Canada: G. S. C. Paper 67-11, 94 p.
- BERRY, W. B. N., 1967, Monograptids from the McAdam Formation (Silurian), Nova Scotia: Jour. Paleontology, v. 41, p. 965-969.
- BONAMO, P. M.; BANKS, H. P., 1967, Calamophyton in the Middle Devonian of New York State: Am. Jour. Botany, v. 53, p. 778-791.
- BONEHAM, R. F., 1967, Hamilton (Middle Devonian) Chitinozoa from Rock Glen, Arkona, Ontario: Am. Midland Nat., v. 78, p. 121-125.
- BOUCOT, A. J.; JOHNSON, J. G., 1967, Silurian and Upper Ordovician atrypids of the genera Plectatrypa and Spirigerina: Norsk. Geol. Tidsskr., v. 47, p. 79-102.
- _____; CUMMING, L. M.; JAEGER, H., 1967, Contributions to the age of the Gaspé Sandstone and Gaspé Limestone: G. S. C. Paper 67-25, 27 p.
- BRENNER, G. J., 1967, Early angiosperm pollen differentiation in the Albian to Cenomanian deposits of Delaware (U. S. A.): in Palaeophytic and Mesophytic palynology - Internat. Conf. Palynology, 2nd., Utrecht, 1966; Rev. Palaeobotany and Palynology, v. 1, nos. 1-4 (spec. vol.), p. 219-227.
- BURKE, J. J., 1967, A new Endelocrinus from the Brush Creek Limestone (Pennsylvanian) of

- Pennsylvania: Carnegie Mus. Annals, v. 39, art. 4, p. 75-83.
- BURKE, J. J., 1967, Tegmen roof of Plaxocrinus mooresi (Whitfield): Ohio Jour. Sci., v. 67, p. 298-301.
- COLSON, C. T., 1967, The occurrence of the coral genera Pseudozaphrentoides and Lophanplexus in the Pennsylvanian of Ohio: Ohio Jour. Sci., v. 67, p. 232-237.
- DAVIS, M. B., 1967, Pollen deposition in lakes as measured by sediment traps: Geol. Soc. Amer. Bull., v. 78, p. 849-858.
- DREIMANIS, A., 1967, Mastodons, their geologic age and extinction in Ontario, Canada: Cdn. Jour. Earth Sci., v. 4, p. 663-675.
- ERDTMANN, B. -D., 1967, Allograptus canadensis n. sp. - Its significance to Lower Ordovician correlation: Cdn. Jour. Earth Sci., v. 4, p. 609-617.
- GLOBENSKY, Y. R., 1967, Upper Mississippian non-carbonate microfauna from the Windsor Group of the Atlantic Provinces (abs.): Bull. Cdn. Petroleum Geology, v. 15, p. 213-214.
- HOARE, R. D.; STELLER, D. L., 1967, A Devonian brachiopod with epifauna: Ohio Jour. Sci., v. 67, p. 291-297.
- HOLSINGER, J. R., 1967, Systematics, speciation, and distribution of the subterranean amphipod genus Stygonectes (Gammaridae): U.S. Nat. Mus. Bull. 259, 176 p.
- HULINGS, N. C., 1967, Marine Ostracoda from the western North Atlantic Ocean between Cape Hatteras, North Carolina, and Jupiter Inlet, Florida: Bull. Marine Sci., v. 17, p. 629-659.
- JOHNSON, J. G., 1967, Toquimaella, a new genus of karpinskiinid brachiopod: Jour. Paleontology, v. 41, p. 874-880.
- _____ ; TALENT, J. A., 1967, Cortezorthinae, a new subfamily of Siluro-Devonian dalmanellid brachiopods: Paleontology, v. 10, p. 142-170.
- MCGREGOR, D. C., 1967, Composition and range of some Devonian spore assemblages of Canada: in Palaeophytic and Mesophytic palynology - Internat. Conf. Palynology, 2nd., Utrecht, 1966; Rev. Palaeobotany and Palynology, v. 1, nos. 1-4 (spec. vol.), p. 173-183.
- MATTEN, L., 1967, A progymnosperm from the Middle Devonian of New York (abs.): Am. Jour. Botany, v. 54, p. 651.
- MATTEN, L. C.; BANKS, H. P., 1967, Relationship between the Devonian progymnosperm genera Sphenoxylon and Tetraxylopteris: Torrey Bot. Club. Bull., v. 94, p. 321-333.
- _____, 1967, Triloboxylon ashlandicum gen. and sp. n. from the Upper Devonian of New York: Am. Jour. Botany, v. 53, p. 1020-1028.
- PETERS, L. R., 1966, Evolutionary trends of the Mucrospirifer: Wisconsin Acad. Sci. Arts and Letters, Trans., v. 55, p. 139-143.
- PETRYK, A. A., 1967, Some Silurian stromatoporoids from northwestern Bassin Island (abs.): Bull. Cdn. Petroleum Geology, v. 15, p. 212.
- RASETTI, F., 1967, Lower and Middle Cambrian trilobite faunas from the Taconic sequence of New York: Smithsonian Misc. Coll., v. 152, no. 4, 111 p.
- STEVENSON, J. S.; STEVENSON, L. S., 1967, Note on fossil teeth from Joggins, Nova Scotia: Geol. Assoc. Can. Proc., v. 18, p. 109-114.
- STONE, J. L.; BANKS, H. P., 1967, A problematical Platyphyllum (abs.) [Devonian, New York]: Am. Jour. Botany, v. 54, p. 650.
- TERASMAE, J., 1967, A review of Quaternary palaeobotany and palynology in Canada: G. S. C. Paper 67-13, 12 p.
- THOMPSON, M. L., 1967, American fusulinacean faunas containing elements from other continents: in Essays in paleontology and stratigraphy - R. C. Moore Commemorative Volume; Kansas Univ. Geology Dept. Spec. Pub. 2, p. 102-112.
- WAGNER, F. J. E., 1967, Published references to Champlain Sea faunas 1837-1966 and list of fossils: G. S. C. Paper 67-16, 82 p.
- WATERHOUSE, J. B., 1967, Cool-water faunas from the Permian of the Canadian Arctic: Nature, v. 216, no. 5110, p. 47-49.
- WILSON, E. O.; CARPENTER, F. M.; BROWN, W. L., Jr., 1967, The first Mesozoic ants: Science, v. 157, no. 3792, p. 1038-1039.

Marine Geology, Geophysics, Geochemistry

- BERGGREN, W. A., et al, 1967, Late Pliocene-Pleistocene stratigraphy in deep sea cores from the south-central North Atlantic: Nature, v. 216, no. 5112, p. 253-255.
- BIGGS, R. B., 1967, The sediments of Chesapeake Bay: in Estuaries (ed. G. H. Lauff); Am. Assoc. Adv. Sci. Pub. 83, p. 239-260.
- EMERY, K. O., GARRISON, L. E., 1967, Sea levels 7,000 to 20,000 years ago: Science, v. 157, no. 3789, p. 684-687.

- HARLAND, W. B., 1967, Early history of the North Atlantic Ocean and its margins: *Nature*, v. 216, no. 5114, p. 464-467.
- HATHAWAY, J. C., 1967, Data File, Continental Margin Program, Atlantic Coast of the United States - V. 1, Sample collection data, Supp. 1: Woods Hole Oceanographic Institution, Reference 67-21, 108 p.
- HAYES, M. O., 1967, Relationship between coastal climate and bottom sediment type in the inner continental shelf: *Marine Geology*, v. 5, p. 111-132.
- HEIRTZLER, J. R., 1967, Measurements of the vertical geomagnetic field gradient beneath the surface of the Arctic Ocean: *Geophys. Prosp.*, v. 15, p. 194-203.
- _____ ; HAYES, D. E., 1967, Magnetic boundaries in the North Atlantic Ocean: *Science*, v. 157, no. 3785, p. 185-187.
- HOBSON, G. D., 1967, Hudson Bay crustal seismic experiment - time and distance data: *Cdn. Jour. Earth Sci.*, v. 4, p. 879-899.
- HOBSON, G. D., et al, 1967, Crustal structure under Hudson Bay: *Cdn. Jour. Earth Sci.*, v. 4, p. 929-947.
- HUBERT, J. F.; NEAL, W. J., 1967, Mineral composition and dispersal patterns of deep-sea sands in the western North Atlantic petrologic province: *Geol. Soc. Amer. Bull.*, v. 78, p. 749-711.
- HUNTER, J. A.; MEREU, R. F., 1967, The crust of the Earth under Hudson Bay: *Cdn. Jour. Earth Sci.*, v. 4, p. 949-960.
- JOHNSON, G. L.; HEEZEN, B. C., 1967, The Arctic Mid-Oceanic Ridge: *Nature*, v. 215, no. 5102, p. 724-725.
- KING, L. H., 1967, Use of a conventional echo-sounder and textural analyses in delineating sedimentary facies - Scotian Shelf: *Cdn. Jour. Earth Sci.*, v. 4, p. 691-708.
- KRAUSE, D. C., 1967, Submarine geology of the southern New England continental shelf: in *Economic geology in Massachusetts - Conf., Amherst, 1966, Proc.*, p. 545-546.
- LOKEN, O. H., 1967, Notes on the bathymetry of Gray Strait, northern Labrador, Canada (French abs.): *Geog. Branch Canada, Geog. Bull.*, v. 9, p. 57-61.
- LONCAREVIC, B. D., The Mid-Atlantic Ridge and North Atlantic Ocean: in *Canadian Upper Mantle Report, 1967; G.S.C., Paper 67-41*, p. 220-227.
- LOWRIE, A., Jr.; HEEZEN, B. C., 1967, Knoll and sediment drift near Hudson Canyon: *Science*, v. 157, no. 3796, p. 1552-1553.
- LUTERNAUER, J. L., PILKEY, O. H., 1967, Phosphorite grains - Their application to the interpretation of North Carolina shelf sedimentation: *Marine Geology*, v. 5, p. 315-320.
- LUYENDYK, B. P.; MELSON, W. G., 1967, Magnetic properties and petrology of rocks near the crest of the Mid-Atlantic ridge: *Nature*, v. 215, no. 5097, p. 147-149.
- McCRONE, A. W., 1967, The Hudson River estuary - Sedimentary and geochemical properties between Kingston and Haverstraw, New York: *Jour. Sed. Pet.*, v. 37, p. 475-486.
- MacKENZIE, M. G., 1967, Environments of deposition on an offshore barrier sand bar, Moriches Inlet, Long Island, New York: *Tulane Studies Geology*, v. 5, no. 2, p. 67-80.
- McMASTER, R. L., 1967, Compactness variability of estuarine sediments - An *in situ* study: in *Estuaries* (ed. G. H. Lauff), *Am. Assoc. Adv. Sci. Pub.* 83, p. 261-267.
- McMULLEN, R. M.; SWIFT, D. J. P., 1967, An occurrence of large-scale rhomboid ripples, Minas Basin, Nova Scotia: *Jour. Sed. Pet.*, v. 37, p. 705-706.
- MARLOWE, J. I., 1967, The geology of part of the continental slope near Sable Island, Nova Scotia: *G.S.C. Paper 65-38*, 30 p.
- MATTHEWS, D. H.; BATH, J., 1967, Formation of magnetic anomaly pattern of Mid-Atlantic Ridge: in *Internat. Symp. on Geophysical Theory and Computers*, 3rd., Cambridge, England, 1966; *Proc. Royal Astron. Soc. Geophys. Jour.*, v. 13, nos. 1-3, p. 349-357.
- PEZZETTA, J. M., 1967, Recent sediments of the Scotian Shelf (abs.): *Bull. Cdn. Petroleum Geology*, v. 15, p. 210-211.
- PHILLIPS, J. D., 1967, Magnetic anomalies over the mid-Atlantic ridge near 27°N: *Science*, v. 157, no. 3791, p. 920-923.
- PRATT, R. M., 1967, The seaward extension of submarine canyons off the northeast coast of the United States: *Deep-Sea Research*, v. 14, p. 409-420.
- REDFIELD, A. C., 1967, Postglacial change in sea level in the western North Atlantic Ocean: *Science*, v. 157, no. 3789, p. 687-692.
- REIDY, F. A., 1967, Vehicle makes ocean-bottom surveys: *Ocean Industry*, v. 2, no. 6, p. 40-44.
- RHOADS, D. C., 1967, Biogenic reworking of intertidal and subtidal sediments in Barnstable Harbor and Buzzards Bay, Massachusetts: *Jour. Geology*, v. 75, p. 461-476.
- ROSS, D. A., 1967, Heavy-mineral assemblages in the nearshore surface sediments of the Gulf of Maine: in *Geol. Surv. research 1967, Chap. C; U.S. Geol. Surv. Prof. Paper 575-C*,

- p. C 77- C 80.
- RUFFMAN, A.; KEEN, M. J., 1967, A time-term analysis of the first arrival data from the seismic experiment in Hudson Bay, 1965: *Cdn. Jour. Earth Sci.*, v. 4, p. 901-928.
- SIEVER, R.; KASTNER, M., 1967, Mineralogy and petrology of some mid-Atlantic Ridge sediments: *Jour. Marine Research*, v. 25, p. 263-278.
- TAGG, A. R.; UCHUPI, E., 1967, Subsurface morphology of Long Island Sound, Block Island Sound, Rhode Island Sound, and Buzzards Bay: in *Geological Survey Research 1967*, Chap. C; U.S. Geol. Survey, Prof. Paper 575-C, p. C 92 - C 96.
- TRUMBULL, J. V. A.; McCANIS, M. J., 1967, Geological exploration in an East coast submarine canyon from a research submersible: *Science*, v. 158, no. 3799, p. 370-372.
- VanANDEL, Tj. H.; CORLISS, J. B.; BOWEN, V. T., 1967, The intersection between the Mid-Atlantic Ridge and the Vema Fracture zone in the North Atlantic: *Jour. Marine Research* v. 25, p. 343-351.
- VESPER, W. H., 1967, Behavior of beach fill and borrow area at Sherwood Island State Park, Westport, Connecticut: U.S. Army Corps Engineers Coastal Eng. Research Center Tech. Memo. 20, 25 p.

Sedimentary Petrology and Geochemistry, Sedimentology

- AGTERBERG, F. P.; HILLS, L. V.; TRETTIN, H. P., 1967, Paleocurrent trend analysis of a delta in the Bjerne Formation (Lower Triassic) of northwestern Melville Island, Arctic Archipelago: *Jour. Sed. Pet.*, v. 37, p. 852-862.
- BEUTNER, E. C.; FLUECKINGER, L. A.; GORD, T. M., 1967, Bedding geometry in a Pennsylvanian channel sandstone: *Geol. Soc. Amer. Bull.*, v. 78, p. 911-915.
- CLIFTON, H. E., 1967, Solution-collapse and cavity filling in the Windsor Group, Nova Scotia, Canada: *Geol. Soc. America Bull.*, v. 78, p. 819-831.
- FRIEND, P. F., 1967, Clay fractions and colours of some Catskill (Devonian) red beds (abs.): *Geol. Soc. London Proc.* 1965-66, no. 1632, p. 78; discussion and replies 78-82.
- JARON, M. G., 1967, A method for determining post-depositional alteration in underclays and associated lithologies: *Penn. Geol. Survey, 4th Ser., Inf. Circ.* 57, 14 p.
- KAYE, C. A., 1967, Fossiliferous bauxite in glacial drift, Martha's Vineyard, Massachusetts: *Science*, v. 157, no. 3792, p. 1035-1037.
- KELLEY, D. R., 1967, Relationship of geology and production in the Red Valley and Venango sandstones middle producing district, Pennsylvania: *Producers Monthly*, v. 31, p. 10-17.
- KLEIN, G. deV., 1967, Comparison of Recent and ancient tidal flat and estuarine sediments: in *Estuaries* (ed. G.H. Lauff), *Am. Assoc. Adv. Sci. Pub.*, 83, p. 207-218.
- LAJTAI, E. M., 1967, The origin of some varves in Toronto, Canada: *Cdn. Jour. Earth Sci.*, v. 4, p. 633-639.
- LEWIS, D. W., 1967, Cambrian (pre-Beekmantown) sedimentation in S. W. Quebec with special reference to three deep wells near Montreal (abs.): *Bull. Cdn. Petroleum Geology*, v. 15, p. 213.
- MATTER, A., 1967, Tidal flat deposits in the Ordovician of western Maryland: *Jour. Sed. Pet.*, v. 37, p. 601-609.
- REIDENOUE, D.; WILLIAMS, E. G.; DUTCHER, R. R., The relationship between paleotopography and sulfur distribution in some coals of western Pennsylvania: *Econ. Geology*, v. 62, p. 632-647.
- WOLFF, R. G., 1967, X-ray and chemical study of weathering glauconite: *Am. Mineral.*, v. 52, p. 1129-1138.
- YOUNG, F. G., 1967, Petrology of the Deschambault Formation, Trenton Group, St. Lawrence Lowland of Quebec (abs): *Bull. Cdn. Petroleum Geology*, v. 15, p. 212.

Absolute Age

- CLARKE, A. H., Jr., et al, 1967, Ancient oyster and bay scallop shells from Sable Island: *Nature*, v. 215, no. 5106, p. 1146-1148.
- IVES, P. C.; LEVIN, B.; OMAN, C. L.; RUBIN, M., 1967, U.S. Geological Survey radiocarbon dates IX: *Radiocarbon*, v. 9, p. 505-529.
- LONG, A.; MIELKE, J. E., 1967, Smithsonian Institution radiocarbon measurements IV: *Radiocarbon*, v. 9, p. 368-381.
- LOWDON, J. A.; FYLES, J. G.; BLAKE, W., Jr., 1967, Geological Survey of Canada radiocarbon dates VI: *Radiocarbon*, v. 9, p. 156-197.

- OGDEN, J. G., 3rd., 1967, Ohio Wesleyan University natural radiocarbon measurements III: Radiocarbon, v. 9, p. 316-332.
- JAMASKI, F.; HAMADA, T.; FUJIYAMA, C., 1967, RIKEN natural radiocarbon measurements III: Radiocarbon, v. 9, p. 301-308.

Miscellaneous

- CAMERON, E. M., 1967, A computer program for factor analysis of geochemical and other data: G. S. C. Paper 67-34, 41 p.
- FARQUAR, C. O. (editor), 1967, Economic geology in Massachusetts - Proceedings of a conference in January, 1966: Amherst Mass., Graduate School, Univ. Massachusetts, 568 p.
- FINN, W. D. L., 1967, Static and seismic behaviour of an earth dam: Cdn. Geotech. Jour., v. 4, no. 1, p. 28-37.
- FOX, W. T., 1967, FORTRAN IV program for vector trend analyses of directional data: Kansas Geol. Survey Contr. 11, 36 pp.
- FRAZER, N. H. C., 1967, Geology of the Wexford property, Gaspé area, Quebec: Cdn. Mining Jour., v. 88, no. 4, p. 118-120.
- JENNESS, S. E., 1967, Report of activities - Pt. A, May to October, 1966: G. S. C. Paper 67-1, pt. A, 221 p.
- SABINA, A. P., 1967, Rocks and minerals for the collector - Eastern Townships and Gaspé, Quebec, and parts of New Brunswick: G. S. C. Paper 66-51, 170 p.
- SNOWDEN, D., 1967, Abstracts of publications in scientific journals by officers of the Geological Survey of Canada, January 1966 to March 1967: G. S. C. Paper 67-4, 61 p.
- STERLING, D., 1967, The outer lands - A natural history guide to Cape Cod, Martha's Vineyard, Nantucket, Block Island and Long Island: Amer. Mus. Nat. Hist., New York, Natural History Press, 192 p.
- TAN, Li-Ping, 1967, Stratiform copper mineralization at Pahaquarry, New Jersey, U. S. A.: Geol. Soc. China Proc. 1966, no. 10, p. 145-150.
- THAYER, C. W., 1967, Mud stalagmites and the conulite: Nat. Speleol. Soc. Bull., v. 29, p. 91-95.