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Memorial of Charles Milton, 1896-1990

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For deposit: Bibliography

American Mineralogist, 79, 1-2, 190-192.

**Bibliography of Charles Milton**

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1929

Milton, Charles: Nepheline syenites and related rocks of the Franklin Furnace quadrangle, New Jersey. Johns Hopkins University doctoral thesis, unpublished, 212 pp.

Singewald, J.T., Jr. and Milton, Charles: Origin of iron ores of Iron Mountain and Pilot Knob, Missouri. Am. Inst. Min. Met. Eng., Tech. Publ. 197, March 1929: Trans. 1929 Yearbook, p. 330-340.

Singewald, J.T., Jr. and Milton, Charles: Authigenic feldspar in limestone at Glen Falls, N.Y.: Geol. Soc. America Bull., 40, p. 463-468. [abst. in Pan-Am. Geol., 51, p. 141, March 1929]

Singewald, J.T., Jr. and Milton, Charles: Greisen and associated mineralization at Silver Mine, Mo. Econ. Geol., 24, p. 569-591. [abst. in Wash. Acad. Sci. J. 19, p. 291. 1929]

Milton, Charles: Some useful petrographic methods. Science, 69, p. 382.

1930

Singewald, J.T., Jr. and Milton, Charles: An alnoite pipe, its contact phenomena and ore deposition near Avon, Mo. J. Geol., 38, p. 54-66.

1931

Ohrenschall, R.D. and Milton, Charles: The occurrence of moissanite (silicon carbide) in sediments. J. Sedimentary Petrology, 1, p. 96-99.

1934

Ross, C.P. and Milton, Charles: Stratigraphic correlation by heavy minerals, in Paleozoic beds in Idaho. (abst.) Wash. Acad. Sci. J., p. 189.

1935

Milton, Charles: Jarosite in tuff from Potosi, Bolivia: Am. Mineralogist, 20, p. 176-178.

Milton, Charles: Metamorphism of a granitic dike at Franklin, New Jersey. (abst.) Wash. Acad. Sci. J., 25, p. 565.

1936

Milton, Charles: A foraminiferal analcite shale from Texas. (abst.) Wash. Acad. Sci. J., 26, p. 386.

1937

Milton, Charles and Johnston, W.D., Jr.: Sulphate minerals from the Comstock Lode, Nevada. (abst.) Mineral. Soc. Meeting Absts., Washington, D.C., Dec. 1937, p. 10.

1938

Milton, Charles: Diabase dikes of the Franklin Furnace, N.J., quadrangle. (abst.) Am. Geophys., Union 19th Ann. Mtg. Pt. 1, p. 264.

Milton, Charles and Johnston, W.D., Jr.: Sulphate minerals from the Comstock Lode, Nevada. Econ. Geol., 33, p. 749-771.

1939

Milton, Charles: Metamorphism of a granitic dike at Franklin, New Jersey. *J. Geol.*, 47, p. 161-175.

1942

Milton, Charles: Note on the occurrence of Calcium Sulfate Hemihydrate ( $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$ ) in thin sections of rocks. *Am. Mineralogist*, 27, p. 517-518.

1944

Milton, Charles, Murata, K.J., and Knechtel, M.M.: Weinschenkite, yttrium phosphate dihydrate, from Virginia. *Am. Mineralogist*, 29, p. 92-107.

Milton, Charles: Stones from Trees. *Scientific Monthly*, 59, p. 421-423.

Milton, Charles: Notes on volcanic rocks from Paricutin, Mexico. *Am. Geophys. Union Trans. 25th Ann. Mtg. Pt. 4*, p. 618-621.

1946

Milton, Charles and Spicer, C.H.: An electrically-heated platinum wire for use in mineralogy laboratory. *Am. Mineralogist*, 31, p. 401-403.

Milton, Charles and Davidson, Norman: Note on straw-silica glass from California. *Am. Mineralogist*, 31, p. 495-498.

Milton, Charles and Axelrod, J.M.: Fused Wood-Ash Stones: Fairchildite (n. sp.)  $\text{K}_2\text{CO}_3 \cdot \text{CaCO}_3$ , Buetschliite (n. sp.)  $3\text{K}_2\text{CO}_3 \cdot 2\text{CO}_3 \cdot 6\text{H}_2\text{O}$  and calcite,  $\text{CaCO}_3$ , their essential components. (abst.) *Geol. Soc. America Bull.*, 57, p. 1218.

[reprinted in *Am. Mineralogist*, 32, p. 204.]

1947

Milton, Charles and Axelrod, J.M.: Fused Wood-Ash Stones: Fairchildite (n. sp.)  $K_2CO_3 \cdot CaCO_3$ , Buetschliite (n. sp.)  $3K_2CO_3 \cdot 2CO_3 \cdot 6H_2O$  and calcite, their essential components. *Am. Mineralogist*, 32, p. 607-624.

Milton, Charles: Diabase Dikes of the Franklin Furnace, New Jersey, quadrangle. *J. Geol.*, 55, p. 522-526.

1948

Axelrod, J.M., Grimaldi, F.S., Milton, Charles, and Murata K.J.: Uranium minerals from the Hillside mine, Yavapai County, Arizona. (abst.) *Geol. Soc. America Bull.*, 59, p. 1309-1310. [reprinted in *Am. Mineralogist*, 34, p. 274. 1949]

1949

Milton, Charles: Nickel-copper-gold mineralogy at the Mackinaw mine, Snohomish County, Washington. (abst.) *Geol. Soc. America Bull.*, 60, no. 12, pt. 2, p. 1909.

Milton, Charles: Note on fire hazard with C.D. West's high refractive index liquids. *Am. Mineralogist*, 33, p. 512-513.

Milton, Charles and Myers, A.T.: Bodenbenderite, a discredited species. *Am. Mineralogist*, 34, p. 608-611.

1950

Milton, Charles and Davidson N.L.: An occurrence of natrolite, andradite, and allanite in the Franklin Furnace quadrangle, New Jersey. *Am. Mineralogist*, 35, p. 500-507.

1951

Axelrod, J.M., Grimaldi, F.S., Milton, Charles, and Murata, K.J.: Uranium minerals from the Hillside Mine, Yavapai Co, Arizona. *Am. Mineralogist*, 36, p. 1-22.

Milton, Charles and Axelrod, J.M.: Calculi and other stones found in mammals. *Journal of Mammalogy*, 32, p. 139-154.

Milton, Charles and Axelrod, J.M.: Stylotypite, a discredited species. *Am. Mineralogist*, 36, p. 696-703.

Milton, Charles: Book review: "Biogeochemistry of Vertebrate Excretion" by G.E. Hutchinson. *Am. Scientist*, 39, p. 730-736.

Milton, Charles, Wilson, I.F., Terrazas, Alfredo, and Houston, J.R.: Mineralogical study of the Guanajuato, Mexico silver-gold ores. (abst.) *Prog. First Interamerican Conv. on Mineral Resources*, 29 Oct.-4 Nov., 1951, Mexico City, p. 15.

Axelrod, J.M., Carron, M.K., Milton, Charles, and Thayer, T.P.: Phosphate mineralization at Bomi Hills and Bambuta, Liberia, west Africa. (abst.) *Geol.*

Soc. America Bull., 62. p. 1421-1422.

Milton, Charles: Book review: "Tables for Microscopic Identification of Ore Minerals" by W. Uytendogaardt. Jour. of Geophysical Res., 56, no. 4, p. 609.

1952

Pavrides, Louis and Milton, Charles: Mineralogy and petrology of the manganese deposits of Aroostook County, Maine. (abst.) Geol. Soc. America Bull., 63, p. 1288. [reprinted in Econ. Geol., 47, p. 766. 1952]

Milton, Charles: Guide Book, Igneous Petrology of Sussex Co., N.J., New Jersey Department of Conservation and Economic Development, Trenton, N.J. 28 + V pp.

Axelrod, J.M., Carron, M.K., Milton, Charles, and Thayer, T.P.: Phosphate Mineralization at Bomi Hills and Bambuta, Liberia, West Africa. Am. Mineralogist, 37, p. 883-909.

Milton, Charles, Wilson, I.F., Terrazas, Alfredo, and Houston, J.R.: Estudio mineralogico de los minerales auro-argentiferos del Distrito de Guanajuato, Mexico. (abst.) Conv. Interam. Rec. Minerales, 1 (a), Mexico, D.F., Mem., p. 72-73.

Milton, Charles: Book review: "Tables for Microscopic Identification of Ore Minerals" by W. Uytendogaardt. Econ. Geol., 47, no. 1, p. 108-109.



1953

Eckel, E.B. and Milton, Charles: Reconnaissance of superficial phosphate deposit near Minas, Uruguay. *Econ. Geol.*, 48, p. 437-446.

Milton, Charles, Hildebrand, F.A., and Sherwood, A.M.: The identity of tinzenite with manganoan axinite. *Am. Mineralogist*, 38, p. 1148-1158.

Conant, L.C., Milton, Charles, and Swanson, V.E.: Sub-Chattanooga residuum in Tennessee and Kentucky. (abst.) *Geol. Soc. America Bull.*, 64, pt. 2, p. 1530.

Boucot, A.J., Harner, R.S., and Milton, Charles: Age of the Bernardston formation [Mass.]. (abst.) *Geol. Soc. America Bull.*, 64, p. 1397-1398.

Milton, Charles, Axelrod, J.M., and Sherwood, A.M.: New occurrence of leucosphenite, in oil shale from Utah. (abst.) *Geol. Soc. America Bull.*, 64, p. 1454-1455. [reprinted in *Am. Mineralogist*, 39, p. 337. 1954]

1954

Milton, Charles: Basement cores from Georgia, Alabama, and Florida. (abst.) *Geol. Soc. America Bull.*, 65, p. 1364.

Milton, Charles and Eckel, E.B.: Igneous Petrology of Paraguay. (abst.) *Geol. Soc. America Bull.*, 65, p. 1286.

Milton, Charles, Axelrod, J.M., and Grimaldi, F.S.: New minerals, reedmergnerite ( $\text{Na}_2\text{O}\cdot\text{B}_2\text{O}_3\cdot 6\text{SiO}_2$ ) and eitelite ( $\text{Na}_2\text{O}\cdot\text{MgO}\cdot 2\text{CO}_2$ ), associated with

leucosphenite, shortite, searlsite, and crocidolite in the Green River formation, Utah. (abst.) Geol. Soc. America Bull., 65, p. 1286-1287.

[reprinted in Am. Mineralogist, 40, p. 326-327. 1955]

Bennison, A.P. and Milton, Charles: Preliminary geologic map of Fairfax, VA and part of the Seneca, VA-MD quadrangles. U.S. Geological Survey Open file report 50-11.

1955

Johnson, R.W., Jr. and Milton, Charles: Igneous petrology of the central Shenandoah Valley, Virginia. Appal. Geol. Soc. Guidebook, May 1955, p. 41-42.

Axelrod, J.M., Carron, M.K., MacNeil, F.S., and Milton, Charles: Gorceixite from Dale County, Alabama. (abst.) Geol. Soc. America Bull., 66, p. 1685.

Johnson, R.W., Jr. and Milton, Charles: Dike rocks of Central Western Virginia. (abst.) Geol. Soc. America Bull., 66, p. 1689-1690.

Milton, Charles and Axelrod, J.M.: Beyrichite, a discredited species. Am. Mineralogist, 40, p. 757-770.

Milton, Charles: Llama bones with lead-copper mineralization from Bolivia. Am. Mineralogist, 40, p. 770-772.

Milton, Charles, Conant, L.C., and Swanson, V.E.: Sub-Chattanooga residuum in Tennessee and Kentucky. Geol. Soc. America Bull., 66, p. 805-810.

Milton, Charles, Axelrod, J.M., and Grimaldi, F.S.: New mineral, garrelsite  $(\text{Ba}_{.65} \text{Ca}_{.29} \text{Mg}_{.06})_4 \text{H}_6\text{Si}_2\text{B}_6\text{O}_{20}$ , from the Green River formation, Utah. (abst.) Geol. Soc. America Bull., 66, p. 1597.

1956

Milton, Charles: Book review: "My hobby is collecting rocks and minerals" by D.E. Jensen. Am. Mineralogist, 41, p. 668-669.

Milton, Charles and Axelrod, J.M.: Additional note on "beyrichite, a discredited species". Am. Mineralogist, 41, p. 365.

Heyl, A.V., Milton, Charles, and Axelrod, J.M.: Nickel minerals from near Linden, Wisconsin. (abst.) Geol. Soc. America, 67, no. 12 pt. 2, p. 1706.

1957

Eugster, H.P. and Milton, Charles: Mineral assemblages of the Green River formation. Annual report of the director, Geophysical Laboratory, Carnegie Institute of Washington for 1957-1958, p. 181-184.

Milton, Charles: Authigenic minerals of the Green River formation of the Uinta Basin, Utah. Intermountain Assc. Petrol. Geol., Guidebook, 8th Ann. Field conf. p. 136-143.

Markewicz, F.J., Chao, E.C.T., and Milton, Charles: Radioactive minerals of New Jersey. (abst.) Geol. Soc. America Bull., 68, p. 1763.

Milton, Charles: Alkalic rocks associated with Triassic diabase near Lambertville, New Jersey. (abst.) Geol. Soc. America Bull., 68, p. 1769.

## 1958

Milton, Charles, Chao, E.C.T., Fahey, J.J., and Mrose, M.E.: Labuntsovite from the Trona mine, Sweetwater County, Wyoming. (abst.) Geol. Soc. America Bull., 69, p. 1614-1615.

Milton, Charles and Carron, M.K.: Gorceixite from Dale County, Alabama. Am. Mineralogist, 43, p. 688-694.

Milton, Charles and Chao, E.C.T.: Eskolaite,  $\text{Cr}_2\text{O}_3$ , in "merumite" from British Guiana. Am. Mineralogist, 43, p. 1203.

Milton, Charles, Axelrod, J.M., and Ingram, Blanche: Bismutoferrite, chapmanite, and "hypochlorite". Am. Mineralogist, 43, p. 656-670.

Milton, Charles and Blade, L.V.: Preliminary note on kimzeyite, a new zirconium garnet. Science, 127, p. 1343.

Boucot, A.J., MacDonald, G.J.F., Milton, Charles, and Thompson, J.B., Jr: Metamorphosed middle Paleozoic fossils from central Massachusetts, eastern Vermont, and western New Hampshire. Geol. Soc. America Bull., 69, p. 855-870.

Heinrich, E.W., Axelrod, J.M., Levinson, A.A., and Milton, Charles: Niobium-titanium-rare earth minerals of Ravalli County, Montana and Lemhi County,

Idaho. (abst.) Geol. Soc. America Bull., 69, p. 1580-1581. also Econ. Geol., 53, p. 930-931.

Milton, Charles and Milton, D.J.: Nickel-gold ore of the Mackinaw Mine, Snohomish County, Washington. Econ. Geol., 53, p. 426-447. [also reprinted as a State of Washington Geological Survey publication, 1959].

Eugster, H.P. and Milton, Charles: Mineral assemblages and phase relations in the Green River formation. (abst.) Geol. Soc. America Bull., 69, no. 12, pt 2, p. 1562.

## 1959

Milton, Charles and Eckel, E.B.: Sections on igneous and metamorphic rocks In: Geology and mineral resources of Paraguay: a reconnaissance. US Geol. Survey Prof. Paper No. 327, p. 12-50.

Milton, Charles, Chao, E.C.T., Fahey, J.J., and Mrose, M.E.: Norsethite,  $\text{BaMg}(\text{CO}_3)_2$ , a new mineral from the Green River formation, Wyoming. (abst.) Geol. Soc. America Bull., 70, p. 1646.

Heyl, A.V., Milton, Charles, and Axelrod, J.M.: Nickel Minerals from near Linden, Iowa County, Wisconsin. Am. Mineralogist, 44, p. 995-1009.

Milton, Charles and Ingram, Blanche: Note on "revoredite" and related lead-sulfur-arsenic glasses Am. Mineralogist, 44, p. 1070-1076.

Birks, L.S., Adler, Isidore, Brooks, E.J., and Milton, Charles: Electron probe analysis of minute inclusions of a copper-iron mineral. *Am. Mineralogist*, 44, p. 974-978.

Milton, Charles and Eugster, H.P.: Mineral assemblages of the Green River formation. In: *Researches in geochemistry*. P.H. Abelson, ed., New York: John Wiley and Sons, p. 118-150.

Love, J.D. and Milton, Charles: Uranium and phosphate in the Green River formation of Wyoming. (abst.) *Geol. Soc. America Bull.*, 70, p. 1640.  
[reprinted in *Economic Geol.*, 54, p. 1351-1352, (1959)]

## 1960

Milton, Charles, Chao, E.C.T., Axelrod, J.M., and Grimaldi, F.S.: Reedmergnerite,  $\text{NaBSi}_3\text{O}_8$  the boron analogue of albite from the Green River formation. *Am. Mineralogist*, 45, p. 188-189.

Milton, Charles, Ingram, Blanche, and Blade, L.V.: Kimzeyite, a zirconium garnet from Magnet Cove, Arkansas. (abst.) *Geol. Soc. America Bull.*, 71, no. 12, pt. 2, p. 1930-1931.

Milton, Charles, Chao, E.C.T., Fahey, J.J., and Mrose, M.E.: Silicate mineralogy of the Green River formation of Wyoming, Utah, and Colorado. *Int. Geol. Congress XXI*, report 21, p. 171-184.

Milton, Charles and Fahey, J.J.: Classification and association of the

carbonate minerals of the Green River formation. Am. J. Sci., 258-A, p. 242-246.

Milton, Charles and Fahey, J.J.: Green River Mineralogy -- A Historical Account. Wyoming Geol. Assc. Guidebook, 15th Edition, Annual Field Conf., p. 159-162.

1961

Milton, Charles, Ingram, B.L., and Blade, L.V.: Kimzeyite, a zirconium garnet from Magnet Cove, Arkansas. Am. Mineralogist, 46, p. 533-548.

Chao, E.C.T., Evans, Jr., H.T., Skinner, B.J., and Milton, Charles: Neighborite,  $\text{NaMgF}_3$ , a new mineral from the Green River formation in Utah: Am. Mineralogist, 46, p. 379-393.

Mrose, M.E., Chao, E.C.T., Fahey, J.J., and Milton, Charles: Norsethite,  $\text{BaMg}(\text{CO}_3)_2$  a new mineral from the Green River formation, Wyoming. Am. Mineralogist, 46, p. 420-429.

Milton, Charles: Mineralogy and Petrology of the Green River formation of Wyoming, Colorado, and Utah. New York Academy of Science Trans., Series II, 23, p. 561-567.

Milton, Charles: Book Review: "Gesteins und Lagerstättenbildung im Wandel der wissenschaftlichen Anschauung" by Walter Fischer. Am. Mineralogist, 46, p. 1003.

1962

Pavrides, Louis and Milton, Charles: Lithology and mineralogy of the deposits. In: Pavrides, L.: Geology and manganese deposits of Maple and Hovey Mountains area, Maine. U.S. Geol. Survey Prof. Paper 362, p. 50-108.

Pecora, W.T., Hearn, B.C., Jr., and Milton, Charles: Origin of spherulitic phosphate nodules in basal Colorado Shale, Bearpaw Mountains, Montana. US Geol. Survey Prof. Paper 450B, p. B30-B35.

Bennison, A.P., Milton, Charles, and Johnston, P.M.: Map of Fairfax, Va. 7 1/2" quadrangle. In: P.M. Johnston, Geology and Ground-Water Resources of the Fairfax Quadrangle, Virginia. U.S. Geol. Survey Water Supply Paper 1539-L.

1963

Milton, Charles: Book Review: "Ore microscopy" by E.N. Cameron. Transactions Am. Geophysical Union, 44, no. 2, p. 601.

Evans, Jr., H.T., Berner, R.A., and Milton, Charles: Valleriite and Mackinawite. (abst.) Geol. Soc. Amer. Spec. Paper, 73, p. 147.

1964

Miser, H.D. and Milton, Charles: Quartz, rectorite and cookeite from the Jeffrey Quarry, near North Little Rock, Pulaski County, Arkansas. Arkansas Geol. Comm. Bulletin 21, 29 p.

Milton, Charles: Note on "Nepheline Syenite" from Brookville, New Jersey. Am.



Jour. Science, 262, p. 1119-1123.

Evans, H.T., Jr., Milton, Charles, Chao, E.C.T., Adler, Isidore, Mead, Cynthia, Ingram, Blanche, and Berner, R.A.: Valleriite and the new iron sulfide, mackinawite. US Geol. Survey Prof. Paper 475D, p. D64-D69.

Milton, Charles and Meyrowitz, Robert: Ferroan northupite in the Green River formation of Wyoming: US Geol. Survey Prof. Paper 501-B, p. B66-B68.

Thayer, T.P., Milton, Charles, Dinnin, Joseph, and Rose, H.J., Jr.: Zincian chromite from Outokumpu, Finland. Am. Mineralogist, 49, p. 1178-1183.

Milton, Charles: Mineralogy and geology of the Green River formation of Colorado, Utah, and Wyoming. Tulsa Geol. Soc. Digest, 32, p. 169.

1965

Milton, Charles, Ingram, Blanche, Clark, J.R., and Dwornik, E.J.: Mckelveyite, a new hydrous sodium barium rare-earth uranium carbonate mineral from the Green River formation, Wyoming. Am. Mineralogist, 50, p. 593-612.

Milton, Charles: Note on occurrence of eudialyte in Canada. Canad. Mineralogist, 8, p. 382-383.

Milton, Charles and Hurst, V.J.: Subsurface "Basement" Rocks of Georgia. Bull. 76, Geol. Survey of Georgia, 56 pp.

1966

Milton, Charles: "Kansite" = Mackinawite, FeS. *Corrosion*, 22, p. 191-193.

Smith, J.W. and Milton, Charles: Dawsonite in the Green River formation of Colorado. *Econ. Geol.*, 61, p. 1029-1042.

1968

Siegel, F.R., Dort, Wakefield, Jr., and Milton, Charles: Thenardite, syngenite, gypsum and calcite caliche from Southern Victoria Land, Antarctica. *Geol. Soc. America Spec. Paper no. 101*, p. 201.

Milton, Charles: Comparison of nepheline syenite complexes in the Beemerville area, Sussex County, New Jersey, and in Augusta County, Virginia. (abst.) *Geol. Soc. America Spec. Paper 101*, p. 269-270.

Milton, Charles and Bennison, A.P.: Phosphate nodules from the Wills Point formation, Hopkins County, Texas. *U.S. Geol. Survey Prof. Paper 600B*, p. B11-B15.

Milton, Charles and Narain, Sat: Merumite occurrence in Guyana. (abst.) *Geol. Soc. America Spec. Paper no. 115*, p. 151.

Milton, Charles, Appleman, D.E., Chao, E.C.T., Cuttitta, Frank, Dinnin, J.I., Dwornik, E.J., Hall, Margaret, Ingram, B.L., and Rose, H.J., Jr.: Mineralogy of merumite, a unique assemblage of chromium minerals from Guyana. (abst.) *Geol. Soc. America Spec. Paper no. 115*, p. 151-152.

Milton, Charles: The "natro-carbonatite" lava of Oldoinyo Lengai, Tanzania. (abst.) Geol. Soc. America program, Ann. Mtg. 1968, p. 202.

1969

Milton, Charles and Grasty, Robert: "Basement" rocks of Florida and Georgia. Bull. Am. Assc. Pet. Geol., 53, p. 2483-2493.

Milton, Charles and Narain, Sat: Merumite occurrence in Guyana. Econ. Geol., 64, p. 910-914.

Milton, Charles, Mrose, M.E., and Hearn, B.C., Jr.: Nepheline syenite at Brookville, New Jersey: Correction. Amer. J. Science, 267, p. 1112-1113.

Milton, Charles: Igneous and metamorphic rocks of Florida. (abst.) Geol. Soc. Amer. Abstracts 1969, pt. 4, p. 54.

Milton, Charles: Crystallographic classification of R(III)OOH compounds. (abst.) Geol. Soc. America Abstracts. 1969, Part 7 (Ann. Mtg), p. 283-284.

1970

Milton, Charles: Note on a Drawing by M. C. Escher. J. Wash. Acad. Sci. 62, p. 315-316.

Milton, Charles: Training abroad of sub-professional workers in earth sciences. In: Proceedings of the second seminar on geochemical prospecting methods and techniques. UNESCO ECAFE Min. Dev. Series no. 38, p. 369-371.

1971

Johnson, R.W., Jr., Milton, Charles, and Dennison, J.M.: Field trip to the igneous rocks of Augusta, Rockingham, Highland, and Bath Counties, Virginia. Virginia Div. Min. and Res. Inform. Circular no. 16, 68 p.

Milton, Charles: Authigenic minerals of the Green River formation. Trona Issue: Contrib. Geology, Univ. of Wyoming, 10, p. 57-63.

Milton, Charles: The Mechanicsburg Stones - a geological report. New England Antiquities Res. Assc. Newsletter., 6, p. 56-57.

1972

Milton, Charles: Igneous and metamorphic basement rocks of Florida. Florida Bureau of Geol., Geol. Bull. No. 55, 125 pp.

Pabst, Adolf and Milton, Charles: Leucosphenite, and its occurrence in the Green River formation of Utah and Wyoming. Am. Mineralogist, 57, p. 1801-1822.

Eisenberg, K.S. and Milton, Charles: Case history of a structural-granite cleaning problem. (abst.) Proc. 1st Int. Symposium on Deterioration of Building Stones, LaRoche, France, 1 page.

1973

Milton, Charles: New data on miserite. (abst.) Geol. Soc. America, Abstracts with programs, 5, no. 3, p. 273.

Evans, H.T., Jr. and Milton, Charles: Crystallography of the heating products of gaylussite and pirssonite. (abst.) American Crystall. Assc., Program and Absts., 1, p. 168. [reprinted in Am. Mineralogist, 58, p. 1104. 1973]

## 1974

Milton, Charles and Pabst, Adolf: Garrelsite,  $\text{NaBa}_3\text{Si}_2\text{B}_7\text{O}_{16}(\text{OH})_4$ . J. Research, US Geol. Survey, 2, p. 213-218.

Milton, Charles, Ingram, Blanche, and Breger, Irving: Authigenic magnesioarfvedsonite from the Green River formation, Duchesne County, Utah. Am. Mineralogist, 59, p. 830-836.

## 1975

Milton, Charles, Dwornik, E.J., and Finkelman, R.B.: Nordstrandite  $\text{Al}(\text{OH})_3$  from the Green River formation in Rio Blanco County, Colorado. Am. Mineralogist, 60, p. 285-291.

Wilson, I.F., Milton, Charles, and Houston, J.R.: A mineralogical study of the Guanajuato, Mexico, silver ores. Open-File Report, US Geol. Survey, 75-70, 12 p.

Pabst, Adolf, Estep, P.A., Dwornik, E.J., Finkelman, R.B., and Milton, Charles: Crystallized nickel porphyrin from the Green River formation, Utah. (abst.) Geol. Soc. America Abst. with programs, 7, p. 1221-1222.

## 1976

Finkelman, R.B., Milton, Charles, and Larson, R.R.: Industrial glass beads in

beach sand from Chesapeake Bay, Maryland. Chesapeake Bay Science, 17, p. 310.

Milton, Charles, Dwornik, E.J., Finkelman, R.B., and Toulmin, P., III. Slag from an ancient copper smelter at Timna, Israel. Jour. History of Metallurgy Soc., 10, p. 24-32.

Stone, C.G. and Milton, Charles: Lithium Mineralization in Arkansas. US Geol. Survey Prof. Paper 1005, p. 137-142.

Milton, Charles, Appleman, D.E., Appleman, M.H., Chao, E.C.T., Cuttitta, Frank, Dinnin, J.I., Dwornik, E.J., Ingram, B.L., and Rose, H.J., Jr.: Merumite: A complex assemblage of chromium minerals from Guyana. US Geol. Survey Prof. Paper No. 887, 29 p.

Milton, Charles: Mineralogy of the Green River formation of Colorado, Utah, and Wyoming, USA. Inter. Geol. Congress, Absts., (25 vol. 2), sect. 14, p. 581-582.

1977

Milton, Charles: Mineralogy of the Green River formation. Min. Record, 8, p. 368-379.

1978

Milton, Charles, Dwornik, E.J., Estep-Barnes, P.A., Finkelman, R.B., Pabst, Adolf, and Palmer, Susan: Abelsonite, nickel porphyrin, a new mineral from the Green River formation, Utah. Am. Mineralogist, 63, p. 930-937.

1980

Milton, Charles: Book review: "Mineral Names: What do they mean?" by R. Scott. *Geology*, 8, no. 3, p. 157-158.

1981

Milton, Charles, Dwornik, E.J., and Finkelman, R.B.: Pecoraite, the nickel analogue of chrysotile,  $\text{Ni}_3\text{Si}_2\text{O}_5(\text{OH})_4$  from Missouri. (abst.) *Geol. Soc. America, Absts. with Programs*, 13, p. 310.

Milton, Charles, Dwornik, E.J., and Marinenko, John: Vashegyite from Nevada and "Palfevite" (=Richmondite) from Nevada and from Arkansas (= Kingite). (abst.) *Geol. Soc. America, Absts. with Programs*, 13, p. 242.

Milton, Charles: Green River Mineralogy. In: *Encyclopedia of Mineralogy* (K. Frye, ed.), Hutchinson Ross Publ. Co., p. 195-199.

1982

Milton, Charles: Restudy of patronite ( $\text{VS}_4$ ) ore, Minasragra, Peru: two new minerals: unnamed  $\text{VOSO}_4 \cdot 3\text{H}_2\text{O}$  and dwornikite ( $\text{Ni}_{0.8}\text{Fe}_{0.2}$ )  $\text{SO}_4 \cdot \text{H}_2\text{O}$ . (abst.) *GAC-MAC, program with absts.*, 7, p. 67.

Milton, Charles, Dwornik, E.J., and Marinenko, J.W.: Vashegyite from Nevada and "Palfevite" (=Richmondite) from Nevada and from Arkansas (= Kingite). In: *Contributions to the Geology of Arkansas, Arkansas Geol. Comm. Misc. Pub. No. 18*, p. 53-62.

Milton, Charles, Evans, H.T., Jr., and Johnson, R.G.: Dwornikite,  $(\text{Ni,Fe})\text{SO}_4 \cdot \text{H}_2\text{O}$ , a member of the kieserite group from Minasragra, Peru. *Min. Mag.*, 46, p. 351-355.

Hey, M.H., Milton, Charles, and Dwornik, E.J.: Eggonite (kolbeckite, sterrettite)  $\text{ScPO}_4 \cdot 2\text{H}_2\text{O}$ . *Min. Mag.*, 46, p. 493-497.

Milton, Charles and Dwornik, E.J.: Prehistoric copper-smelting "scoriae" from Tal-e Maiyan, Iran: methodology and implications of a pioneer study. (abst.) GAC-MAC, program with absts., 7, p. 67.

## 1983

Milton, Charles, Dwornik, E.J., and Finkelman, R.B.: Pecoraite, the nickel analogue of chrysotile,  $\text{Ni}_3\text{Si}_2\text{O}_5(\text{OH})_4$ , from Missouri. *N.J. Miner. Mh.*, 11, p. 513-523.

## 1984

Milton, Charles: Miserite, a review of world occurrences with a note on intergrown wollastonite. In: *Contrib. to the geology of Arkansas*. (J.D. McFarland III and W.V. Bush, eds.), Arkansas Geol. Comm. Misc. Pub., 18B, p. 97-114.

Evans, H.T., Jr., Nord, G.L., Marinenko, J.W., and Milton, Charles: Straczekite, a new calcium barium potassium vanadate mineral from Wilson Springs, Arkansas. *Min. Mag.* 48, p. 289-293.



Milton, Charles and Vitaliano, D.B.: The non-existence of Moissanite. (abst.), 27th Meeting, International Geological Congress, Moscow, 5, Section 10, p. 107-108.

## 1985

Milton, Charles: Kassite,  $\text{CaTi}_2\text{O}_4(\text{OH})_2$  from Magnet Cove, Arkansas. (abst.) Geol. Soc. America Absts. with Programs, 17, p. 168.

Rubin, Martin, Koritzer, Richard, Milton, Charles, and Dwornik, E.J.: Simultaneous Robinson Back Scatter Electron Microscopy and Energy Dispersive X-ray Analysis for Localized Elemental Determination. XI Int. Congress of Chemical Chemistry, p. 1125-1136.

Milton, Charles and Vitaliano, D.B.: Moissanite, SiC, a Geological Aberration. (abst.) Geol. Soc. Amer. Abstracts with Programs, 17, p. 665.

Dyni, J.R., Milton, Charles, and Cashion, W.B.: The saline facies of the upper part of the Green River formation near Duchesne, Utah. Geol. and energy resources, Uinta Basin of Utah, Utah Geol. Assc. Publ., 12, p. 51-60.

## 1986

Milton, Charles and Vitaliano, D.B.: Moissanite, SiC: yes or no? (abst.) Abstracts with program, Inter. Mineral. Assc. 14th Mtg., p. 171.

Evans, H.T., Jr., Dwornik, E.J., and Milton, Charles: Kassite from the Diamond Jo quarry, Magnet Cove, Hot Spring County, Arkansas: the problem of cafetite

and kassite. *Am. Mineralogist*, 71, p. 1045-1048.

Milton, Charles, Stone, C.G., and Dwornik, E.J.: An enigmatic siliceous rock from the Stanley Shale, Arkansas. (abst.) *Geol. Soc. America Absts. with programs*, 18, p. 255.

1987

Appleman, D.E., Evans, H.T., Jr., Nord, G.L., Dwornik, E.J., and Milton, Charles: Delindeite and lourenswalsite, two new titanosilicates from the Magnet Cove Region, Arkansas. *Min. Mag.*, 51, p. 417-425.

1989

Milton, Charles: Note on a detail of M.C. Escher's Belvedere. *Jour. of the Washington Acad. Sci.*, 79, p. i-iii.

Milton, Charles: Oldoinyo Lengai natrocarbonatite lava: its history. (abst.) *28th International Geol. Cong. Abstracts*, 2, p. 2-441.

1991

Milton, Charles: Henry Stephens Washington 1867-1934: *National Academy of Sciences Biographical Memoirs*, 60, p. 367-392.

1993

Milton, Charles, McGee, J.J., and Evans, H.T., Jr.: Mahlmoodite,  $\text{FeZr}(\text{PO}_4) \cdot 4\text{H}_2\text{O}$ , a new iron zirconium phosphate mineral from Wilson Springs, Arkansas. *American Mineralogist*, 78, p. 437-440.

Unpublished maps

Bennison, A.P., Milton, Charles, Bass, M.N., and Chao, E.C.T.: Geological maps of the Herndon, VA. (7 1/2") quadrangle and the Manassas (7 1/2") quadrangle. U.S. Geological Survey.