

## BIBLIOGRAPHY OF CLARENCE SAMUEL ROSS\*

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- (with T. E. Savage). The age of the iron ore in eastern Wisconsin: *Am. Jour. Sci.*, (4), **41**, 187-193, illus., (1916).
- The "chloritic" material in the ores of southeastern Missouri: *Econ. Geol.*, **11**, 289-290, (1916); abs., *Ill. Acad. Sci. Tr.*, **9**, 209, (1917).
- (with E. S. Larsen, Jr.). The R and S molybdenum mine, Taos County, New Mexico: *Econ. Geol.*, **15**, 567-573, (1920).
- (with H. D. Miser). Diamond-bearing peridotite in Pike County, Arkansas: *Econ. Geol.*, **17**, 662-674, illus., (1922).
- The Lacasa area, Ranger district, north-central Texas: *U. S. Geol. Survey Bull.* **726**, 303-314, illus., (1922).
- A method of distinguishing fused cores: *Am. Assoc. Petr. Geol. Bull.*, **6**, 372-374, (1922).
- Structure and oil and gas resources of the Osage Reservation, Oklahoma; Tps. 20 and 21 N., R. 12 E.: *U. S. Geol. Survey Bull.* **686**, 171-178, illus., (1922).
- Structure and oil and gas resources of the Osage Reservation, Oklahoma; Tps. 21 and 22 N., R. 11 E.: *U. S. Geol. Survey Bull.* **686**, 179-191, illus., (1922).
- (with C. F. Bowen and others). Structure and oil and gas resources of the Osage Reservation, Oklahoma; Tps. 21-23 N., Rs. 6-7 E., and Tps. 23-25 N., Rs. 3-5 E.: *U. S. Geol. Survey Bull.* **686**, 279-301, illus., (1922).
- (with H. D. Miser). Diamond-bearing peridotite in Pike County, Arkansas: *U. S. Geol. Survey Bull.* **735**, 279-322, illus., (1923).
- (with H. D. Miser). Peridotite dikes in Scott County, Arkansas: *U. S. Geol. Survey Bull.* **735**, 271-278, illus., (1923).
- Evidences of slumping previous to consolidation in the Pennsylvanian of Oklahoma: *Am. Assoc. Petr. Geol. Bull.*, **8**, 505-510, illus., (1924).
- A method of preparing thin sections of friable rocks: *Am. Jour. Sci.*, (5), **7**, 483-485, (1924).
- Beds of volcanic material as key horizons: *Am. Assoc. Petr. Geol. Bull.*, **9**, 341-343, (1925).
- (and E. V. Shannon). Bentonite and montmorillonite [abs.]: *Am. Mineral.*, **10**, 64, (1925).
- (and E. V. Shannon). The chemical composition and optical properties of beidellite: *Washington Acad. Sci. Jour.*, **15**, 467-468, (1925).
- Leverrierite and related minerals, in Base exchange in ground water by silicates as illustrated in Montana: *U. S. Geol. Survey Water-Supply Paper* **520**, 60-61, (1925).
- (and E. V. Shannon). Mordenite and associated minerals from near Challis, Custer County, Idaho: *U. S. Natl. Mus. Proc.*, **64**, art. 19, 19 p., illus., (1925).
- (and E. V. Shannon). Nature of bentonite and related clays [abs.]: *Pan-Am. Geol.*, **43**, 364-365, (1925).
- (with H. D. Miser). Pre-Cambrian rhyolite discovered in well in northwestern Arkansas: *Am. Assoc. Petr. Geol. Bull.*, **9**, 1115, (1925).
- (and E. V. Shannon). The so-called genthite from Webster, North Carolina: *Am. Mineral.*, **10**, 444-445, (1925).
- (and E. P. Henderson). Topaz and associated minerals from the Einstein silver mine, Madison County, Missouri: *Am. Mineral.*, **10**, 441-443, (1925).
- (with H. D. Miser). Volcanic rocks in the Upper Cretaceous of southwestern Arkansas and southeastern Oklahoma: *Am. Jour. Sci.*, (5), **9**, 113-126, (1925).

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- A Colorado lamprophyr of the verite type: *Am. Jour. Sci.*, (5), **12**, 217-229, (1926).
- Methods of preparation of sedimentary materials for study: *Econ. Geol.*, **21**, 454-468, illus., (1926).
- (and E. V. Shannon). The minerals of bentonite and related clays and their physical properties: *Am. Cer. Soc. Jour.*, **9**, 77-96, illus., (1926).
- Nephelite-hauynite aloinite from Winnett, Montana: *Am. Jour. Sci.*, (5), **11**, 218-227, (1926).
- (and E. V. Shannon). Nickeliferous vermiculite and serpentine from Webster, North Carolina: *Am. Mineral.*, **11**, 90-93, (1926).
- (and E. V. Shannon). The origin, occurrence, composition, and physical properties of the mineral iddingsite: *U. S. Natl. Mus. Proc.*, **67**, art. 7, 19 p., illus., (1926).
- The optical properties and chemical composition of glauconite: *U. S. Natl. Mus. Proc.*, **69**, art. 2, 15 p., illus., (1927).
- Altered Paleozoic volcanic materials and their recognition: *Am. Assoc. Petr. Geol. Bull.*, **12**, 143-164, illus., (1928).
- (and W. F. Foshag). Anauxite, a mineral species, based on material from Bilin, Czechoslovakia: *Am. Mineral.*, **13**, 153-155, (1928).
- The mineralogy of clays: *First International Congress of Soil Science, June 13-22, 1927, Washington, D. C., Proc. and Papers, Commission 5*, 555-561, (1928).
- (and P. F. Kerr). Optical and x-ray research on clay minerals [abs.]: *Am. Mineral.*, **13**, 110, (1928).
- (and E. V. Shannon and F. A. Gonyer). The origin of nickel silicates at Webster, North Carolina: *Econ. Geol.*, **23**, 528-552, illus., (1928); abs. with title; The formation of nickel silicates by base exchange, *Am. Mineral.*, **13**, 110, (1928).
- Physico-chemical factors controlling magmatic differentiation and vein formation: *Econ. Geol.*, **23**, 864-886, (1928).
- Preparation of sedimentary materials for study: *Econ. Geol.* **23**, 334, (1928).
- Report on the studies of clays [abs.]: *Washington Acad. Sci. Jour.*, **18**, 265, (1928).
- Sedimentary analcite: *Am. Mineral.*, **13**, 195-197, (1928); abs. with title, Sedimentary analcite in Arizona, **13**, 111, (1928).
- Bentonitic materials, in Geology and ground water of Rosebud County, Montana: *U. S. Geol. Survey Water-Supply Paper* **600**, 18, (1929).
- Is chromite always a magmatic segregation product? *Econ. Geol.* **24**, 641-645, (1929).
- (and E. V. Shannon). The manganese minerals of a hydrothermal vein near Sparta, North Carolina [abs.]: *Am. Mineral.*, **14**, 106, (1929).
- Origin of the magnetite and associated rocks of Cranberry, N. C. [abs.]: *Washington Acad. Sci. Jour.*, **19**, 233-234, (1929).
- (and H. D. Miser and L. W. Stephenson). Water-laid volcanic rocks of early Upper Cretaceous age in southwestern Arkansas, southeastern Oklahoma, and northeastern Texas: *U. S. Geol. Survey Prof. Paper* **154**, 175-202, illus., (1929).
- (and P. F. Kerr). Dickite, a kaolin mineral: *Am. Mineral.*, **15**, 34-39, (1930).
- (and P. F. Kerr). The kaolin minerals: *Am. Cer. Soc. Jour.*, **13**, 151-160, (1930)
- (and E. P. Henderson and Eugene Posnjak). Clarkeite; a new uranium mineral: *Am. Mineral.*, **16**, 213-220, illus., (1931); abs., **16**, 114, (1931).
- (and P. F. Kerr). The clay minerals and their identity: *Jour. Sed. Petr.*, **1**, 55-65, illus., (1931).
- (and P. F. Kerr). The kaolin minerals: *U. S. Geol. Survey Prof. Paper* **165**, 151-176, illus., (1931).
- The origin of chromite: *Econ. Geol.*, **26**, 540-545, (1931).
- The Valles Mountain volcanic center of New Mexico [abs.]: *Am. Geophys. Union Tr.*, **12th. Ann. Mtg.**, 185-186, (1931).

- (and P. F. Kerr). The manganese minerals of a vein near Bald Knob, North Carolina: *Am. Mineral.*, **17**, 1-18, illus., (1932).
- Titanium deposits of Roseland district, in Northern Virginia, *Guidebook 11*, 29-36, illus., *16th Internat. Geol. Congress*, (1932).
- (and E. P. Henderson). Variations in optical properties and composition in the anthophyllite series [abs.]: *Am. Mineral.*, **17**, 114, (1932).
- (and P. F. Kerr). The clay minerals, in Symposium on the physical chemistry of the alumina-silica refractories: *Am. Cer. Soc. Jour.*, **16**, 57-58, (1933).
- Differentiation as a source of vein and ore-forming materials, in Ore deposits of the Western States (Lindgren Volume), p. 128-144, *Am. Inst. Min. Met. Eng.*, New York, (1933).
- Introduction to chapter, Physical-chemical factors in the development of a deep-seated type of ore-deposit, in Ore deposits of the Western States (Lindgren Volume), p. 56-58, *Am. Inst. Min. Met. Eng.*, New York, (1933).
- (with R. C. Wells and J. G. Fairchild). Thorianite from Easton, Pa.: *Am. Jour. Sci.*, (5), **26**, 45-54, (1933).
- (and P. F. Kerr). Bentonite and related clays [abs.]: *Geol. Soc. Am. Proc.* **1933**, 380, (1934).
- Field evidence about the viscosity of lavas: *Am. Geophys. Union Tr.*, **15th Ann. Mtg.**, **Pt. 1**, 255-257, (1934).
- The origin of the rutile deposits of the Amherst-Nelson County district [abs.]: *Va. Acad. Sci. Proc.* **1933-1934**, 54-55, (1934).
- The role of volatiles in the formation of Virginia titanium deposits [abs.]: *Am. Geophys. Union Tr.*, **15th Ann. Mtg.**, **Pt. 1**, 245, (1934).
- Theory trend as to ore genesis: *Eng. Min. Jour.*, **135**, 15-17, illus., (1934).
- Copper deposits in the eastern United States, in Copper resources of the world, Volume **1**, p. 151-166, illus., *16th Internat. Geol. Congress*, (1935).
- Genetic relations of sphalerite in pegmatite [abs.]: *Am. Mineral.*, **20**, 203, (1935); *Geol. Soc. Am. Proc.* **1934**, 103, (1935).
- Origin of the copper deposits of the Ducktown type in the southern Appalachian region: *U. S. Geol. Survey Prof. Paper* **179**, 165 p., illus., (1935).
- (and J. V. Lewis). Sulphide deposits of southwest Virginia [abs.]: *Va. Acad. Sci. Proc.*, **1934-1935**, 62-63, (1935).
- (with G. R. Mansfield). Welded rhyolitic tuffs in southeastern Idaho: *Am. Geophys. Union Tr.*, **16th Ann. Mtg.**, **Pt. 1**, 308-321, illus., (1935).
- Copper deposits of the southern Appalachian region: *Econ. Geol.*, **31**, 428-432, (1936).
- (and P. F. Kerr). Halloysite and allophane: *U. S. Geol. Survey Prof. Paper* **185**, 135-148, illus., (1936).
- Mineralization of the Virginia titanium deposits: *Am. Mineral.*, **21**, 143-149, (1936); abs., **21**, 192, (1936).
- [Review of] Hot springs of the Yellowstone National Park, by E. T. Allen and A. L. Day: *Econ. Geol.*, **31**, 322-325, (1936).
- Sphalerite from a pegmatite near Spruce Pine, North Carolina: *Am. Mineral.*, **22**, 643-650, illus., (1937).
- Valles volcano, New Mexico [abs.]: *Washington Acad. Sci. Jour.*, **28**, 417, (1938).
- Volcanic activity at Magnet Cove, Arkansas: *Am. Geophys. Union Tr.*, **19th Ann. Mtg.**, **Pt. 1**, 263-264, (1938).
- (and L. W. Stephenson). Calcareous shells replaced by beidellite: *Am. Mineral.*, **24**, 393-397, illus., (1939).
- (with S. B. Hendricks). Chemical composition and genesis of glauconite and celadonite: *Am. Mineral.*, **26**, 683-708, illus., (1941).
- (and S. B. Hendricks). Clay minerals of the montmorillonite group, their mineral and

- chemical relationships, and the factors controlling base exchange: *Soil Sci. Soc. America Proc.*, **6**, 58–62, (1941).
- Occurrence and origin of the titanium deposits of Nelson and Amherst Counties, Virginia: *U. S. Geol. Survey Prof. Paper* **198**, 59 p., illus., (1941).
- Origin and geometric form of chalcodony-filled spherulites from Oregon: *Am. Mineral.*, **26**, 727–732, illus., (1941); reprinted in *The Mineralogist*, **10**, 171–174, 192–193, illus., (1942).
- Sedimentary analcite: *Am. Mineral.*, **26**, 627–629, illus., (1941).
- Extreme hydrothermal alteration in the Buck Creek, North Carolina, dunite body [abs.]: *Am. Mineral.*, **27**, 233, (1942).
- Presentation of the Roebling Medal of the Mineralogical Society of America to Esper S. Larsen, Jr.: *Am. Mineral.*, **27**, 155–156, (1942).
- The titanium district of Roseland, Virginia, in Ore deposits as related to structural features, p. 137, Princeton Univ. Press, Princeton, N. J., (1942).
- Clays and soils in relation to geologic processes: *Washington Acad. Sci. Jour.*, **33**, 225–235, (1943).
- William Shirley Bayley (1861–1943): *Econ. Geol.*, **38**, 263–264, (1943).
- Geologic occurrences of rutile [abs.]: *Econ. Geol.*, **39**, 103, (1944).
- Memorial of William Shirley Bayley [1861–1943]: *Am. Mineral.*, **29**, 115–120, portrait, (1944).
- Minerals and mineral relationships of the clay minerals: *Am. Cer. Soc. Jour.*, **28**, 173–183, (1945).
- (and S. B. Hendricks). Minerals of the montmorillonite group, their origin and relation to soils and clays: *U. S. Geol. Survey Prof. Paper* **205**, 23–79, illus., (1946).
- Sauconite, a clay mineral of the montmorillonite group: *Am. Mineral.*, **31**, 411–424, (1946); abs. with title, Sauconite, the zinc clay mineral, *Geol. Soc. Am. Bull.*, **56**, 1193, (1945); *Am. Mineral.*, **31**, 206, (1946).
- Acceptance of the Roebling Medal of the Mineralogical Society of America: *Am. Mineral.*, **32**, 166–172, portrait, (1947).
- Mineralogy of the ballast sands of Japanese balloons [abs.]: *Geol. Soc. Am. Bull.*, **58**, 1222, (1947); *Am. Mineral.*, **33**, 207, (1948).
- Virginia titanium deposits: *Econ. Geol.*, **42**, 194–198, (1947).
- Volcanic emanations as keys to ore transport, in Report of the Committee on research on ore deposits, *Econ. Geol.*, **42**, 537–539, (1947).
- Optical properties of glass from Alamogordo, New Mexico: *Am. Mineral.*, **33**, 360–362, illus., (1948).
- Photomicrography by inclined illumination: *Am. Mineral.*, **33**, 363–365, illus., (1948).
- [Review of] The petrography and petrology of South African clays, by V. L. Bosazza: *Am. Mineral.*, **33**, 650–651, (1948).
- Charles Whitman Cross [1854–1949]: *Washington Acad. Sci. Jour.*, **39**, 347–348, (1949).
- The dark-field stereoscopic microscope for mineralogic studies: *Am. Mineral.*, **35**, 906–910, illus., (1950).
- [Review of] Colloidal chemistry of the silicate minerals, by C. E. Marshall: *Am. Mineral.*, **36**, 921, (1951).
- [Review of] Symposium on mineral resources of the southeastern United States: *Am. Mineral.*, **36**, 517–518, (1951).
- Provenience of pyroclastic materials [abs.]: *Geol. Soc. Am. Bull.*, **62**, 1473, (1951).
- (and M. D. Foster). Studies of minerals in dunites and in olivine-rich inclusions in basaltic rocks [abs.]: *Geol. Soc. Am. Bull.*, **62**, 1472–1473, (1951); *Am. Mineral.*, **37**, 299, (1952).