

AM-94-561

Memorial of Horace Winchell, 1915-1993

Brian J. Skinner

For deposit: Bibliography

American Mineralogist, , , . 79, 11-12, 1231-1232

Bibliography

H. Winchell

- 1937 New method of interpretation of petrofabric diagrams: Am. Mineralogist, v. 22, p. 15-36.
- 1938 New micropycnometer for determination of densities of heavy solids: Am. Mineralogist, v. 23, p. 805-810.
- 1938 X-ray study of diaphorite and freieslebenite: Am. Mineralogist, v. 23, p. 834-836.
- 1940 Mineralogy: Augite crystals from Koko region from Puu Pa., and from Haleakala: B.P. Bishop Mus. Spec. Pub. 35, Honolulu.
- 1944 Orientation of synthetic corundum for jewel bearings: Am. Mineralogist, v. 29, p. 399-414.
- 1945 The Knoop microhardness tester as a mineralogical tool: Am. Mineralogist, v. 30, p. 583-595.
- 1946 Chart for measurement of interference figures: Am. Mineralogist, v. 31, p. 43-50.
- 1946 Navigation in crystallography: Geol. Soc. America Bull. 57, p. 295-308.
- 1946 Observations on orientation and hardness variations: Third Diamond Symposium, Am. Mineralogist, v. 31, p. 149-152.
- 1947 Honolulu Series, Oahu, Hawaii: Geol. Soc. America Bull. 58, p. 1-48.
- 1947 with C.K. Wentworth, Koolau basalt series, Oahu, Hawaii: Geol. Soc. America Bull. 58, p. 49-78.
- 1947 Demonstration of interference figures: Am. Mineralogist, v. 32, p. 588-589.
- 1948 Alignment chart for calculation of specific gravity: Am. Mineralogist, v. 33, p. 353-359.
- 1949 with M.S. Walton, Jr., An inexpensive petrographic microscope: Am. Mineralogist, v. 34, p. 1-10.

- 1951 Alignment chart for calculation of refractive index from deviation of light by a prism: *Am. Mineralogist*, v. 36, p. 287-291.
- 1951 with R.J. Benoit, Taylorite, mascagnite, apthitalite, lecontite, and oxammite from guano: *Am. Mineralogist*, v. 36, p. 590-602.
- 1951 with A.N. Winchell, *Elements of Optical Mineralogy; Part II, Description of Minerals: Fourth Edition*, John Wiley & Sons, New York, 551p. (Russian ed., 1953, Moscow).
- 1955 Dichroism: *Encyclopedia Americana*, one page.
- 1956 Unit cells of calcite: *Am. Jour. Sci.*, v. 254, p. 65-70, 260.
- 1957 Large angular aperture and useful interference figures: *Am. Mineralogist*, v. 42, p. 570-572.
- 1958 Spinel: *Encyclopedia of Chemistry*, first supplement (G.L. Clark, Ed.): Reinhold Book Div., Reinhold Pub. Co., New York City, p. 282-283.
- 1958 The composition and physical properties of garnet: *Am. Mineralogist*, v. 43, p. 595-600.
- 1958 Optics of the eosphorite--childrenite series: *Am. Mineralogist*, v. 43, p. 765-768.
- 1958 Spinel. *Encyclopedia of Chemistry*, Supplement, Clark and Hawley, eds., New York, p. 282-283.
- 1960 with Robert Tilling, Regressions of physical properties on the compositions of clinopyroxenes: I. Lattice constants: *Am. Jour. Sci.*, v. 258, p. 529-547.
- 1961 Regressions of physical properties on the compositions of clinopyroxenes. II. Optical properties and specific gravity: *Am. Jour. Sci.*, v. 259, p. 295-319.
- 1962 A computer program for handling chemical analyses of amphiboles and other minerals: *Am. Mineralogist*, v. 47, p. 411-413.

- 1963 Clinoamphibole regression studies. I. Regression of optical properties and density on composition: Mineralog. Soc. America Spec. Paper 1, p. 267-277.
- 1963 with Mary W. Tisue and Vaughn F. Winchell, Olivine regression studies I. Multiple regressions of optical properties on numbers of cations per unit cell containing 16 oxygen anions: Canadian Mineralogist, v. 7, p. 821-822.
- 1964 with A.N. Winchell, The microscopical characters of artificial inorganic solids: Academic Press, New York, p. xiv + 439.
- 1965 Optical properties of minerals: Academic Press, New York, p. x + 92.
- 1965 with B.E. Leake, Regressions of refractive indices, density and lattice constants on the composition of orthopyroxenes: Am. Mineralogist, v. 50, p. 294.
- 1966 with C.E. Gordillo, E. Linares, and R.D. Toubes, Huemulite, $\text{Na}_4\text{MgV}_{10}\text{O}_{28}\cdot 24\text{H}_2\text{O}$, a new hydrous sodium and magnesium vanadate from Huemul mine, Mendoza Province, Argentina: Am. Mineralogist, v. 51, 1-13.
- 1966 Optical Rotation. Encyclopedia of Chemistry, Clark and Hawley, eds., New York, p. 730.
- 1966 with A.N. Winchell, Refractive Index. Ibid., p. 934-935.
- 1970 with B.J. Skinner, Glossy Spherules from the lunar regolith returned by Apollo 11 expedition, Geochem. et Cosmochim. Acta, Lunar volume, p. 957-964.
- 1978 Report of Subcommittee on Nomenclature of Amphiboles: Am. Mineralogist, v. 63, p. 1023-52; Bull. de Mineralogie, v. 101, p. 453-467; Canadian Mineralogist, v. 16, p. 501-520.