

PRESENTATION OF THE MINERALOGICAL SOCIETY
OF AMERICA AWARD TO HATTEN S. YODER, JR.*

J. F. SCHAIRER, *Geophysical Laboratory, Carnegie Institution of
Washington, Washington, D. C.*

Mr. President, Fellows and Members of the Mineralogical Society of America, and Guests:

My task on this occasion is a pleasure and privilege. I take great pride in introducing to you my colleague on the scientific staff of the Geophysical Laboratory and warm personal friend, Hatten S. Yoder, Jr.

The Geophysical Laboratory is a wonderful place to work, with all the advantages of good equipment, freedom from petty administrative responsibilities, and the inspiration that comes from working with a group of physicists, chemists, and geologists with a keen and lively interest in the nature of minerals and rocks and the mechanism of geological processes. As the years slip away we who were youngsters some years back begin to show our age by looking into the past as well as forward. The oldsters are prone to say that the world is slipping and things are not as they were in the "good old days." I remember those good old days when I first came down from Yale to the Geophysical Laboratory. What exciting days they were, with the contagious enthusiasm of such a brilliant group as Day, Allen, Washington, Bowen, Fenner, Wright, Merwin, Morey, Zies, Adams, Gibson, Greig, Posnjak, Tunell, Barth and others, and foreign visitors such as Eskola and Tilley! I am happy that I can say today that though many of the old group have now retired we still have today at the Geophysical Laboratory that same spirit of search and adventure in the complex realm of the physics and chemistry of geological processes with a young group every bit as able as the older generation.

We have one of this young group with us today and meet together here to do him honor. He has been chosen because of an outstanding paper on $MgO-Al_2O_3-SiO_2-H_2O$ in the Bowen Volume of the *American Journal of Science* (1952, pp. 569-627). I will let him tell you about his work and plans. He shows every promise of making many more brilliant contributions during the coming years to increase our imperfect knowledge of igneous and metamorphic processes.

Mr. President, I take great pleasure in presenting Dr. Hatten S. Yoder, Jr., for the Fourth Mineralogical Society of America Award.

* Yoder, Dr. Hatten Schuyler, Jr., Geophysical Laboratory, Carnegie Institution of Washington, Washington, D. C. Born in Cleveland, Ohio, March 20, 1921. A.A. 1940, B.S. (Geology) 1941, C.P.P.M. (Meteorology) 1942, Univ. Chicago; Ph.D. (Petrology) 1948, Mass. Inst. Tech. Lt. Comdr., U.S.N.R. (Aerology) 1942-1946. Navy Expedition to Siberia, 1945-1946. Fellow 1948, *Petrologist* 1949-, Geophysical Laboratory. Geol. Soc. Am., Am. Geophys. Union, Mineral. Soc. Am., Mineral. Soc. London, Geol. Soc. Finland, Am. Chem. Soc. Columbia Univ. Bicentennial Medal, 1954. Experimental petrology, phase equilibria in mineral systems; piezochemistry, properties of minerals at high pressures and high temperatures.