

THERMAL ANALYSIS AS A MEANS OF DETECTING KAOLINITE IN SOILS. JOSEF MATĚJKA. *Chem. Listy*, 16, 8-14 (1922); thru *Mineral. Abstr.*, 2, 131.

The presence and amount (down to 3%) of kaolinite in a soil can be determined from the dehydration diagram, since the dehydration curve of pure kaolinite has a characteristic break at 570-580°, which is not appreciably changed by the presence of quartz, orthoclase, calcite, or muscovite. But magnesite must previously be removed by HCL, as it affects the curve. E. F. H.

NOTES AND NEWS

Attention is called to the approaching annual meeting of The Mineralogical Society of America which will be held at Ithaca, New York, during the Christmas holidays; the exact date will be announced later. Attendance is urged to insure a large and successful meeting.

Dr. Kinoshige Inouye, director of the Imperial Geological Survey of Japan, has made an appeal for publications of a geological and mineralogical character to replace the periodicals destroyed by the recent earthquake and fire.

Models illustrating crystal structure, prepared under the direction of Professor A. Sommerfeld, may now be purchased through the Central Scientific Co., Chicago, Illinois. Models of rock salt, diamond, graphite, calcite, pyrite, rutile and anatase can be constructed immediately upon order. The list price is approximately \$35 each, f.o.b. Chicago.

Professor W. A. Tarr, of the University of Missouri, will spend the coming year in Europe on sabbatical leave. He will continue his studies of stylolites and related features of sedimentary rocks as well as visit the more important mineral deposits.

Dr. Edmund Otis Hovey, curator of the department of geology and invertebrate paleontology of the American Museum of Natural History, and for many years secretary of the American Geological Society, died on September 26, aged sixty-two years.

Professor William J. Miller has resigned as head of the department of geology in Smith College to become professor of geology and chairman of the department in the University of California, Southern Branch, Los Angeles.

The new England Intercollegiate Geological Excursion was held in the vicinity of Brown University, Providence, October 10 and 11. The carboniferous series including the coal deposits were studied, also the metamorphic rocks, the shore lines and the glacial geology.