

## ANNUAL MEETING PLACES

- 1920 Chicago, Illinois
- 1921 Amherst, Massachusetts
- 1922 Ann Arbor, Michigan
- 1923 Washington, D.C.
- 1924 Ithaca, New York
- 1925 New Haven, Connecticut
- 1926 Madison, Wisconsin
- 1927 Cleveland, Ohio

## NOTES AND NEWS

THE CONVENIENCE OF A ROTATING TABLE IN THE USE  
OF A TWO-CIRCLE GONIOMETER

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With the development of the two-circle goniometer by Goldschmidt, mineralogists were given an instrument which obviated the necessity of constantly resetting a crystal. The position of the vertical circle, however, is such as to cause considerable inconvenience in reading. It is necessary to get up and walk to the side of the instrument in order to read the vernier.

The writer is aware of two attempts to overcome this handicap, on one instrument the circle was graduated on the edge; on another, a device for reflecting the vernier, by a system of mirrors, into the same telescope used for reading the horizontal circle, was employed.

The writer has found that a rotating table, of the type that microscopists used for shifting a microscope from one person to another, was most convenient, (Fig. 1).



FIG. 1. Goniometer mounted on rotating table.

This table is 30 inches in diameter, and 29 inches high, and carries the entire instrument and lamp. The axle is 1.5 inches in diameter and 3.5 inches long, and is rigidly

fastened to a steel plate 0.5 inch thick, and 8 inches in diameter. This plate rotates upon a plate of similar size (fastened on a pedestal), in which is a hole in which the axle rotates.

After reading the horizontal circle, a short turn of the table is sufficient to bring the vernier of the vertical circle beneath the eye.

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A series of thirty lectures on X-rays and crystal structure was given by Professor W. L. Bragg at the Massachusetts Institute of Technology during February. An advanced course was also given covering the following subjects: The symmetry of space groups; The dynamics of the crystal lattice; The quantitative treatment of X-ray diffraction; The analysis of complex crystals; and Molecular and atomic structure.

Dr. L. J. Spencer has been appointed keeper of mineralogy in the British Museum of Natural History, succeeding Dr. G. T. Prior who retired on December 16.

The late Professor A. Liversidge has bequeathed to the department of minerals of the British Natural History Museum his mineral collection comprising 2000 specimens, mainly from Australia. The bequest includes about 40 specimens of meteorites; about 40 sections of gold nuggets showing internal structure and about 40 gem stones.

An impromptu dinner party was given by Professor Frank R. Van Horn at the Case Athletic Club on the evening of December 29 in honor of Dr. T. L. Walker's sixtieth birthday. Covers were laid for fourteen guests including the present officers of The Mineralogical Society and as many of the past-presidents as were in attendance at the eighth annual meeting of the Society.

At the last annual meeting the Council of The Mineralogical Society authorized the granting of 50 reprints (without covers) to contributors of *leading articles* that are published in The American Mineralogist. The new rule goes into effect with this issue. As this arrangement will increase the printing costs to the Society it is hoped that contributors will cooperate in an attempt to keep the costs from mounting too high by reducing as far as possible the number of cuts that are sent in accompanying the articles.

## PROCEEDINGS OF SOCIETIES

### PHILADELPHIA MINERALOGICAL SOCIETY

*Academy of Natural Sciences of Philadelphia, January 5, 1928.*

A stated meeting of the Philadelphia Mineralogical Society was held on the above date with an attendance of thirty-three members and twelve visitors. The president, Mr. Clay, presided.

Mr. Arnold Morris was elected a junior member. Mr. J. C. Boyle was elected vice-president and Mr. H. W. Arndt a councillor.

A resolution was passed to extend the felicitations of the Society to Dr. Victor Goldschmidt on the occasion of his 75th birthday anniversary.