

ANALYSIS OF HEDYPHANE FROM FRANKLIN FURNACE, N.J.

|                                |        |
|--------------------------------|--------|
| Insol.                         | 0.17   |
| Cl                             | 2.98   |
| As <sub>2</sub> O <sub>5</sub> | 29.94  |
| PbO                            | 52.77  |
| MnO, FeO                       | 0.28   |
| CaO                            | 14.98  |
| MgO                            | 0.10   |
| ZnO                            | 0.23   |
| H <sub>2</sub> O               | 0.08   |
|                                | <hr/>  |
|                                | 101.52 |
| --O=Cl                         | .67    |
|                                | <hr/>  |
|                                | 100.85 |

From the results given above the ratios of lime and lead are calculated as 267 and 236, respectively. Lime is molecularly in excess and hedyphane is predominantly a lime mineral. We therefore propose that hedyphane be accorded species rank and that the name be applied to those chloro-arsenates of the apatite group in which lime is molecularly the predominant base.

NOTES AND NEWS

THE MINERALOGICAL SOCIETY OF AMERICA

Nominations of the Council for officers for the year 1926 are as follows:

|                                  |                                  |
|----------------------------------|----------------------------------|
| President: Waldemar T. Schaller  | Treasurer: Alexander H. Phillips |
| Vice President: George Vaux, Jr. | Editor: Walter F. Hunt           |
| Secretary: Frank R. Van Horn     | Councilor, 1925-29: W. A. Tarr   |

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A Committee of the Council was appointed at the last annual meeting to revise the Constitution and By-laws. This committee recommends that the following changes be made:

CONSTITUTION

*Article III.* Insertion of Section 2 to read as follows:

*Section 2.* The Council shall be empowered to elect from time to time as honorary officers or fellows of the Society persons of eminence in the field of mineralogy, or some closely allied science, who shall serve for life.

*Article V,* to read as follows:

This constitution shall be amended when the proposed amendment is favored by four fifths of all the Fellows voting upon it. A copy of the proposed amendment shall be published in the journal of the Society at least three months before the annual meeting. Voting shall be by mail ballot.

BY-LAWS

*Article II, Section 3,* to read as follows:

An arrearage in payment of annual dues of four months shall deprive a Fellow or member of the privilege of taking part in the management of the Society and

of receiving the publications of the Society. An arrearage continuing over two (2); years shall be construed as notification of withdrawal.

*Article IV.* Election of officers and Fellows shall read as follows:

*Section 1.* Nominations for office shall be made by the Council. The list shall be published in the journal of the Society at least three months before the annual meeting. Any ten (10); Fellows or members may forward to the Secretary other nominations for any or all offices. All such nominations reaching the Secretary not later than November 1 shall be printed, together with the names of the nominators; as special ballots. The regular and special ballots shall then be mailed to the general membership. The results shall be announced at the annual meeting, and the officers thus elected shall enter upon duty at the adjournment of the meeting.

*Section 2.* The list of nominations for Fellowship in the Society shall be sent to the Fellows at the same time as the nominations for officers. Five opposing votes shall be considered as rendering a candidate ineligible for Fellowship.

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The next annual meeting will be held in the new Peabody Museum of Yale University, December 28-30, 1925. In order to appear on the advance program of the Geological Society of America, titles of papers for the Mineralogical Society should be in the hands of the Secretary by November 25.

FRANK R. VAN HORN, *Secretary*

The Mineralogical Society sustained a severe loss in the death of one of its most enthusiastic workers, Dr. Edward F. Holden. Although but twenty-four years of age at the time of his death he had made several notable contributions to the science of chemical mineralogy. He was particularly interested in the cause of color in minerals and his investigations on the color of rose quartz, amethyst and smoky quartz have appeared in recent issues. Dr. Holden was also one of the assistant editors of chemical abstracts and an associated editor of *The American Mineralogist*. A memorial sketch of his life will appear in a later number of the *Journal*.

Mr. Samuel G. Gordon of the Academy of Natural Sciences of Philadelphia, has returned from a six months trip to Bolivia and Chile. This trip represents the third of the Academy's mineralogical expeditions. Thirty-eight cases of specimens were secured including fine crystals of cassiterite, vivianite, vauxite, paravauxite, wavellite, teallite and jarosite.

An X-ray diffraction equipment, by which crystalline structure can be investigated, has been presented to Professor W. L. Bragg of the University of Manchester, England, by the General Electric Company of New York and the British Thomson-Houston Co., Ltd., of England.

Professor Louis Wade Currier, assistant professor in mineralogy at Syracuse University for the past four years, has accepted a similar position at the Missouri School of Mines.

Dr. John Jolly, professor of geology and mineralogy in the University of Dublin, has received the honorary degree of doctor of science from the University of Cambridge.

David B. Chisholm, teaching fellow in geology and mineralogy at Syracuse University for the past two, years has been appointed instructor in geology and mineralogy at Colgate University.