

PEACOCK MEMORIAL PRIZE,* 1953

offered by the

WALKER MINERALOGICAL CLUB

Royal Ontario Museum of Geology and Mineralogy
100 Queen's Park, Toronto 5

THIS PRIZE OF ONE HUNDRED DOLLARS cash is again offered for the best scientific paper on pure or applied mineralogy (including crystallography and petrology) submitted to the Club by a graduate student at any university or similar institution.

Conditions:

1. The paper submitted may offer new or refined observations, or a significant synthesis and interpretation of existing data, or some new or improved application of mineralogy to useful ends, or the results of other work of sufficient interest and value.
2. The papers should be typed double-spaced on letter-size paper and illustrations should be carefully prepared and suitable for reproduction. References to the literature should follow the style in *Contributions to Canadian Mineralogy* as printed in *The American Mineralogist* (May-June issues, 1949-50-51-52).
3. Each paper must be accompanied by a letter from the student's supervisor stating the nature and extent of the assistance he may have given to the work submitted.
4. The papers are to be sent to the Secretary, Walker Mineralogical Club, 100 Queen's Park, Toronto, *not later than June 30, 1953*. They will be judged by a committee appointed by the Council of the Club who will consider both the value of the papers and their suitability for publication without substantial changes. If no paper of sufficient merit is received, the prize will not be given.
5. The Committee will select one or more of the papers for presentation by the authors or other designated persons at a regular meeting of the Club, and the result of the contest will be announced at that time.
6. The prize winning paper, and perhaps others of sufficient merit, will be published in *Contributions to Canadian Mineralogy*.

* Instituted in 1947 as the Walker Mineralogical Club prize, was renamed the Peacock Memorial Prize in 1950 in honour of the late Professor Martin A. Peacock, President of the Walker Mineralogical Club 1942-43, and Editor of *Contributions to Canadian Mineralogy*, 1944-50.

Prizes have been awarded to:

- A. R. GRAHAM, Queen's University (1947), "X-ray study of chalcosiderite and turquoise": *Univ. Toronto Studies, Geol. Series*, No. 52, 1948 (*Contributions to Canadian Mineralogy*, Vol. 4, No. 4).
- I. H. MILNE, Univ. of Toronto (1948), "Chloritoid from Megantic County, Quebec": *Am. Mineral.*, 34, 1949 (*Contributions to Canadian Mineralogy*, Vol. 5, No. 1).
- R. J. ARNOTT, University of Manitoba (1950), "X-ray diffraction data on some radioactive oxide minerals": *Am. Mineral.*, 35, 1950 (*Contributions to Canadian Mineralogy*, Vol. 5, No. 2).
- R. J. TRAILL, Queen's Univ. (1952), "Synthesis and x-ray study of uranium sulphate minerals": *Am. Mineral.*, 37, 1952. (*Contributions to Canadian Mineralogy*, Vol. 5, No. 4).

ANNUAL MEETING

The thirty-fourth annual meeting of the Mineralogical Society of America will be held in Toronto, Canada, Monday through Wednesday, November 9-11, 1953. A series of field trips is being planned for Thursday, Friday and Saturday following the meeting.

Abstracts of papers to be presented at the annual meeting must be received by the Secretary on or before *July 15, 1953*. Abstracts blanks may be obtained from the Secretary.
C. S. HURLBUT, JR., *Secretary*

INTERNATIONAL UNION OF CRYSTALLOGRAPHY

The Executive Committee has accepted a kind invitation from the French Government to hold the Third General Assembly and International Congress in Paris from 21 to 28 July 1954. These dates have been chosen in consultation with the French National Committee for Crystallography and with the National Committees of all the Adhering Bodies. It is hoped that this early notice will make it possible for crystallographers throughout the world to arrange to attend.

Further particulars of the meeting will be given from time to time in *Acta Crystallographica*.

The Geology Department of the School of Mines and Metallurgy of the University of Missouri, Rolla, Missouri, wishes to announce the availability of several graduate assistantships and research fellowships for the academic year 1953-54. Application blanks and information concerning these may be obtained from Dr. O. R. Grawe, Chairman of the Geology Department.

It is announced that Dr. Robert W. Webb has accepted the joint position of Executive Director of the American Geological Institute and Executive Secretary of the Division of Geology and Geography of the National Research Council, effective January 1, 1953.

Dr. Webb will be on leave of absence from his position as Professor of Geology, Department of Physical Science, Santa Barbara College, University of California.

A.G.I. Report No. 8, "*Departments of Geological Science in Educational Institutions of the U. S. and Canada*," December 1952 (revision of Report #6, March 1952), has been sent to the printer and will be available for distribution in either January or February, 1953, depending upon the number and nature of crises that develop in its reproduction by a direct offset process. Price, \$1.00. Orders now being held will be filled at the first possible moment. Address: American Geological Institute, 2101 Constitution Ave., Washington, D. C.

Copies of Resource Appraisals Map MR-1, "Geologic Environment of Alumina Resources of the Columbia River Basin" can be obtained at 80 cents each from the Chief of Distribution, Geological Survey, Department of the Interior, Washington 25, D. C., for requests originating east of the Mississippi River, or from the Geological Survey, Rocky Mt. Service and Supply, Denver Federal Center, Bldg. 25, Colo., for requests originating west of the river.

"Table 1 gives the chemical analyses of potential alumina ores in the Basin and vicinity. Table 2 shows the reserves of potential alumina ore in millions of short tons (dry). . . . Other potential recoverables from the Columbia Basin aluminous ores include titanium,

iron, and gallium. . . . An extensive list and bibliography provide details on the known deposits by subject, county, and author."

The American Association of Spectrographers is planning a symposium on "Emission Spectroscopic Determination of Metals in Non-Metallic Samples." The symposium will be held in Chicago on May 1, 1953. Contributed papers in the fields of petroleum, geology, agriculture, pharmacy, biology, ceramics, etc., are welcome. Please address all inquiries to:

J. P. Pagliassotti, *Chairman*; Symposium Committee,
c/o Standard Oil Company (Indiana),
Box 431, Whiting, Indiana

The Society for Experimental Stress Analysis will hold its Spring Meeting on May 20, 21, and 22, 1953 at Hotel Schroeder, Milwaukee, Wisconsin. Inquiries may be directed to Mr. W. F. Hofmeister, Metallurgical Laboratory, Chain Belt Company, 4501 West Greenfield Ave., Milwaukee, Wisconsin.

REPORT OF THE COMMITTEE ON THE MEASUREMENT OF GEOLOGIC TIME, 1951-52

The 1951-52 report of the Committee on the Measurement of Geologic Time, of the Division of Geology and Geography of the National Research Council of the National Academy of Sciences, published in January 1953, is available on order to the Division, 2101 Constitution Avenue, N.W., Washington 25, D.C., price: \$1.50. This is the latest in a series of reports that have been in great demand since the Committee was formed in 1924.

OFFICERS: AMERICAN GEOLOGICAL INSTITUTE

President: Dr. Carey Croneis, President, Beloit College, Beloit, Wisconsin.

Vice Pres.: Dr. W. C. Krumbein, Professor of Geology, Northwestern University, Evanston, Illinois.

Sec'y-Treas.: Dr. Harry S. Ladd, U. S. Geological Survey, Washington 25, D. C.

Executive Director: Dr. Robert W. Webb, 2101 Constitution Avenue, N.W., Washington 25, D. C.

All communications regarding the *News Letter* and the Institute may be addressed to the Executive Director. Suggestions, contributions, and criticisms are welcome.