

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, June 14, 1905.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

A letter of resignation of Membership of Mr. W. W. Butler was read.

Mr. De Castro, Dr. Flett, Mr. Rudler, and Dr. Tutton were nominated to replace the Ordinary Members of Council retiring by seniority, namely Messrs. Harker, Pollard, Prior, and Herbert Smith.

GENERAL MEETING.

Held in the Apartments of the Geological Society, June 14, 1905.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

Eighteen Members were present.

The following papers were read:—

1. The chemical composition of Lengenbachite: by Mr. A. Hutchinson.
2. The chemical composition of Hutchinsonite: by Dr. G. T. Prior.
3. The identity of the ancient Amiantos of Cyprus with Chrysotile: by Dr. J. W. Evans (p. 143).
4. The application of methods of descriptive geometry to the gnomonic projection of crystals: by the same (p. 149).

Mr. D. F. Campbell showed a specimen of Dundasite from Wales (p. 167), and the President three sealed tubes containing supersaturated solutions of sodium nitrate which, however much shaken, deposit no crystals until cooled below certain temperatures (p. 123).

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, November 14, 1905.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

Mr. Bernard Mouat Jones was elected an Ordinary Member of the Society, and Professor H. Baumhauer of Freiburg, Switzerland, an Honorary Member.

The following were selected as the dates of Meeting for the year 1906:—Tuesdays, January 23, March 20, June 12, November 13, the last to be the Anniversary Meeting.

The draft annual report of Council submitted by the Secretary was approved.

ANNIVERSARY MEETING.

Held in the Apartments of the Geological Society, November 14, 1905.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

Twenty-five Members and one Visitor were present.

The election of Mr. B. M. Jones as Ordinary Member and of Professor H. Baumhauer as Honorary Member was confirmed.

The scrutineers reported that thirty-five voting papers for the election of Officers and Council had been returned to the General Secretary, and that the List as nominated by the Council was approved, namely:—

President. Prof. H. A. MIERS, M.A., D.Sc., F.R.S.

Vice-Presidents. Prof. W. J. LEWIS, M.A., F.C.S.

Prof. G. D. LIVEING, M.A., D.Sc., F.R.S.

Treasurer. W. PHIPSON BEALE, K.C., F.G.S., F.C.S.

General Secretary. L. FLETCHER, M.A., F.R.S.

Foreign Secretary. Prof. J. W. JUDD, C.B., LL.D., F.R.S.

Editor of the Journal. L. J. SPENCER, M.A., F.G.S.

Ordinary Members of Council.

H. L. BOWMAN, M.A., F.C.S.

J. A. HOWE, B.Sc., F.G.S.

H. F. COLLINS, A.R.S.M.

A. HUTCHINSON, M.A., F.G.S.

C. G. CULLIS, D.Sc., F.G.S.

J. P. DE CASTRO, M.A., F.C.S.

R. H. SOLLY, M.A.

J. S. FLETT, M.A., D.Sc., F.R.S.E.

J. W. EVANS, LL.B., D.Sc., F.G.S.

F. W. RUDLER, I.S.O., F.G.S.

Rev. J. M. GORDON, F.G.S.

A. E. H. TUTTON, D.Sc., F.R.S.

The following ANNUAL REPORT OF COUNCIL was read:—

The Balance Sheet for the year ending December 31, 1904, which has already been published in No. 64 of the Journal, shows that the Assets of the Society (exclusive of the Library and the Stock of the Journal) amounted to £682 8s. 3d., and that the Liabilities amounted to £56 19s. 8d. The number of Life-Members on December 31, 1904, was fifty-one; the value of the Stock invested in the names of the Trustees of the Society was on that date £569 1s. 10d., corresponding to £11 3s. 2d. for each Life-Member.

During the Session 1904-5 the Society has lost no members either by death or resignation; three additional Ordinary Members (Mr. Barker,

Mr. Woodgate, and Dr. Goodchild) have been elected. The total number of Members on November 13, 1905, was 123; of these nineteen are Honorary Members and 104 are Ordinary Members; of the latter fifty-one have compounded for the annual subscription.

Four Meetings have been held during the year, all in London, and (by kind permission) in the Apartments of the Geological Society, Burlington House.

Only one Number of the Journal, No. 64, published in May, 1905, has been issued during the Session. Three of the papers were descriptive of instruments; that of Mr. Hartley described a new device for separating minerals by means of heavy liquids; Mr. Herbert Smith's paper described an improved form of Refractometer; Dr. Evans explained some new forms of Quartz-wedge. Two papers of Mr. Hilton related to crystallographic projection; Mr. Solly described some new minerals from the Binnenthal; Mr. Currie and Mr. Thomas treated of Scotch Minerals, and Mr. Lindsey of Brookite from the Cleveland ironstone.

The Council has to congratulate the Society on its continued prosperity.

On the motion of the President, seconded by Dr. Scott, the Report was adopted.

A vote of thanks to the Council of the Geological Society for permission to meet in the Apartments of the Society was carried with acclamation.

The following papers were read:—

1. On a tabular crystal of white Diopside: by Prof. W. J. Lewis.
2. On a curious crystal of Pyroxene: by the same.
3. On a Carlsbad-twin of Albite: by the same.
4. The determination of the angle between the optic axes of a crystal in parallel polarized light: by Dr. J. W. Evans (p. 157).
5. Note on the formation of Gypsum crystals in a disused well at chemical works: by Mr. C. J. Woodward.
6. Note on the crystallization of drops, especially of potash-alum: Mr. Jacques Chevalier (communicated by the President) (p. 134).
7. On Ilmenite, Seligmannite, Marrite, Proustite, Trechmannite, and Hyalophane from the Binnenthal: by Mr. R. H. Solly (p. 184).

Specimens were exhibited in illustration of the various papers, and also a Turnerite from Switzerland by the Rev. J. M. Gordon, and Pitchblende from Cornwall by Mr. A. Russell.

GENERAL MEETING.

Held in the Apartments of the Geological Society, January 23, 1906.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

Eighteen Members and one Visitor were present.

The following papers were read:—

1. Geikielite and the magnesium-ilmenite series: by Mr. T. Crook and Mr. B. M. Jones (p. 160).

2. Studies in Crystallization: by Professor H. A. Miers and Mr. J. Chevalier (p. 123).

3. On the determination of refractive indices by the method of minimum deviation: by Mr. G. F. Herbert Smith (p. 191).

Dr. J. W. Evans afterwards initiated a discussion as to the indication of the character of quartz-wedges and mica-plates by means of marks on them. Professor Miers illustrated his paper by means of the lantern; Messrs. Crook and Jones showed specimens illustrating the characters of Geikielite; and Mr. Herbert Smith submitted a diagram (Plate IV) useful for the determination of refractive indices without calculation.
