

PROCEEDINGS
OF THE
MINERALOGICAL SOCIETY.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, November 17, 1903.

DR. HUGO MÜLLER, F.R.S., President, in the Chair.

The following Candidates were elected Ordinary Members of the Society:—Mr. Donald Fraser Campbell, B.A.; Mr. George Walter Grabham, B.A.; and Mr. Robert Heron Rastall, B.A.

The death of Professor A. F. Renard, Honorary Member of the Society, was announced, and the Foreign Secretary was requested to send a letter of condolence to the widow.

The following were selected as dates of meeting for 1904:—February 2, March 22, June 7, November 15, the last to be the Anniversary Meeting.

The draft Annual Report of Council, submitted by the Secretary, was read and approved.

ANNIVERSARY MEETING.

Held in the Apartments of the Geological Society, November 17, 1903.

DR. HUGO MÜLLER, F.R.S., President, in the Chair.

Twenty-three Members were present.

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

President. HUGO MÜLLER, Esq., Ph.D., LL.D., F.R.S.

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

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

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

General Secretary. L. FLETCHER, Esq., 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, Esq., M.A., F.G.S.

Ordinary Members of Council.

W. BARLOW, Esq., F.G.S., F.C.S.	W. POLLARD, Esq., M.A., D.Sc., F.G.S.
B. KITTO, Esq., F.I.C., F.G.S.	
F. W. RUDLER, Esq., F.G.S.	G. T. PRIOR, Esq., M.A., F.G.S.
G. F. HERBERT SMITH, Esq., M.A., F.G.S.	H. L. BOWMAN, Esq., M.A., F.C.S.
A. HARKER, Esq., M.A., F.R.S.	H. F. COLLINS, Esq., A.R.S.M.
Lieut.-Gen. C. A. McMAHON, F.R.S.	C. G. CULLIS, Esq., D.Sc., F.G.S.
	R. H. SOLLY, Esq., M.A., F.G.S.

The following ANNUAL REPORT OF COUNCIL was read :—

The Balance Sheet for the year ending December 31, 1902, shows that the Assets of the Society (exclusive of the Library and the Stock of the Journal) amounted to £623 10s. 7d., and that the Liabilities amounted to £18 11s. 3d. The number of Life-Members on December 31, 1902, was fifty-two; the value of the Stock invested in the names of the Trustees of the Society was on that date £508 7s. 6d.

During the Session 1902–3 the Society has lost by death two Ordinary and two Honorary Members; on the other hand, eight Ordinary Members have been elected, and Professor Liebisch, of Göttingen, and Professor G. Strüver, of Rome, have been added to the list of Honorary Members. The total number of Members is now 126; of these 107 are Ordinary Members and nineteen are Honorary Members.

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

One Number of the Journal, No. 61, published in February, 1903, has appeared during the Session.

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

On the motion of Professor H. A. Miers, seconded by Mr. H. L. Bowman, the Report was adopted. A vote of thanks to the Geological Society for the permission to meet in its Apartments was carried with acclamation.

The elections of Mr. D. F. Campbell, Mr. G. W. Grabham, and Mr. R. H. Rastall to the Ordinary Membership of the Society were confirmed.

The following papers were then read :—

1. On Sartorite, Anatase, Galena, and other minerals from the Binnenthal: by Mr. R. H. Solly (p. 16).

2. On the pleochroism of Adamite: by Mr. L. J. Spencer.
3. On the prismatic method of determining refractive indices: by Mr. G. F. Herbert Smith.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, February 2, 1904.

DR. HUGO MÜLLER, F.R.S., President, in the Chair

The resignation of Mr. S. R. Adcock was accepted.

Mr. J. H. Collins and Mr. H. L. Bowman were appointed to audit the accounts of the Society.

Professor S. L. Penfield, of Yale University, was elected an Honorary Member.

GENERAL MEETING.

Held in the Apartments of the Geological Society, February 2, 1904.

DR. HUGO MÜLLER, F.R.S., President, in the Chair.

Twenty-two Members and three Visitors were present.

The election of Professor S. L. Penfield, Yale University, to the Honorary Membership was confirmed.

The following papers were read:—

1. The Gnomonic Net: by Mr. Harold Hilton (p. 18).
2. On a new sulphostannite of lead (Teallite), from Bolivia, and its relations to Franckeite and Cylindrite: by Mr. G. T. Prior (p. 21).

Mr. W. F. Ferrier then gave a short account of the discovery of Corundum in Canada and its mode of occurrence in that region.

Professor H. A. Miers, followed by Mr. W. F. Ferrier, Mr. L. J. Spencer, and Mr. J. H. Collins, called the attention of the members to the exhibition of the Rashleigh Mineral Collection in the Truro Museum, specially mentioning the Connellite, Cassiterite, Clinoclase, and Erubescite.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, March 22, 1904.

DR. R. H. SCOTT, F.R.S., Past-President, in the Chair.

The Secretary announced the deaths of Professor Ferdinand Fouqué, Honorary Member, and Lieut.-Gen. C. A. McMahan, Ordinary Member.

The audited Balance Sheet for the year ending December 31, 1903, was submitted and approved.

It was reported that Mr. L. J. Spencer had sent in to the Central Bureau of the International Catalogue of Scientific Literature 535 slips relative to titles of mineralogical papers published in Great Britain during 1903.

GENERAL MEETING.

Held in the Apartments of the Geological Society, March 22, 1904.

PROFESSOR H. A. MIERS, F.R.S., Vice-President, in the Chair.

Nineteen Members were present.

The following papers were read:—

1. Irregularly developed crystals of Zircon (specific gravity 4.0) from Ceylon: by Mr. L. J. Spencer (p. 43).

2. Notes on 'Feather-ore': identity of 'Domingite' (= 'Warrenite') with Jamesonite: by Mr. L. J. Spencer.

3. Further determinations of the indices of refraction of Stibnite from Japan: by Dr. A. Hutchinson.

4. The connexion between the atom-arrangements of the crystals of certain allied carbon compounds: by Mr. W. Barlow.

5. On the construction and use of a diagram in connexion with the anharmonic ratios of four tautozonal planes: by Mr. Herbert Smith (p. 49).

6. Note relative to the history of the Caperr meteorite: by Mr. L. Fletcher (p. 41).

7. On the meteoric irons of Bethany, Lion River, Mukerop, Springbok River, and Great Fish River, South Africa: by Mr. L. Fletcher (pp. 28, 37).

Further Professor Judd called attention to two twins of Quartz from La Gardette, which he submitted for inspection.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, June 7, 1904.

DR. HUGO MÜLLER, F.R.S., President, in the Chair.

The Secretary announced the deaths of Professor Sir Clement Le Neve Foster, Mr. Frank Rutley, and Mr. Hamilton Charles Dickson, and the resignation of Mr. William Rich, Ordinary Members of the Society.

Resolved to nominate as Officers and Council for the Session 1904-5, the following:—

President. Professor H. A. Miers (*vice* Dr. Hugo Müller).

Vice-President. Professor W. J. Lewis (*vice* Professor H. A. Miers); and Dr. J. W. Evans, the Rev. J. More Gordon, Mr. J. Allen Howe, and Dr. A. Hutchinson in place of Messrs. Barlow, Kitto, Rudler, and McMahon, Ordinary Members of Council; the remainder of the Officers and Council to be the same as at present.

GENERAL MEETING.

Held in the Apartments of the Geological Society, June 7, 1904.

DR. HUGO MÜLLER, F.R.S., President, in the Chair.

Sixteen Members and two Visitors were present.

A photogravure of the portrait of Professor Groth was submitted for inspection (p. 66).

The following papers were read:—

1. On cobaltiferous Mispickel from Norway: by the Rev. Mark Fletcher (p. 54).

2. On an improved form of Refractometer: by G. F. Herbert Smith.

3. Notes on the Development of the Kimberley Diamond Mines: by Professor H. A. Miers.

Professor Miers' notes were accompanied with numerous lantern illustrations.

MINERALOGICAL SOCIETY.

ABSTRACT OF RECEIPTS AND PAYMENTS FROM JANUARY 1 TO DECEMBER 31, 1903.

RECEIPTS.	£ s. d.	£ s. d.	PAYMENTS.	£ s. d.	£ s. d.
Balance from 1902		90 15 0	Printing Magazine (No. 61)		35 5 10
Subscriptions—(1) current	40 19 0		Authors' separate copies		5 11 9
(2) arrears	9 9 0		Illustrations (Printers)		10 16 6
(3) in advance	3 3 0		" (Miss Drake)		2 2 0
Entrance fees and compositions		53 11 0	Miscellaneous Printing		53 16 1
Sales of publications by publishers (1902)	11 11 6		Editor's Honorarium (1903)		8 8 7
Do. by G. Savigar (1903)	1 5 7		Postage and Parcels		10 10 0
Dividends on Stock		12 17 1	G. Savigar for care of stock (1902)		2 3 10
Donation towards Illustrations		14 12 5	Porter's Fee		1 1 0
Overpayment of foreign subscriptions		5 13 6	Bank Charges		1 0 0
		0 2 0	Investments		67 2 5
			Balance at Bank		50 16 5
			" in Office		4 7 8
					55 4 1
					<u>199 12 0</u>

Examined and compared with the vouchers, and found correct.

(Signed) J. H. COLLINS. } Auditors.
H. L. BOWMAN. }

LIABILITIES.	£ s. d.	ASSETS.	£ s. d.
Owing for Printing, &c., of No. 62 of Magazine	51 7 1	Balance at Bank	50 16 5
Editor's Honorarium (1903)	10 10 0	" in Office	4 7 8
Miscellaneous Printing	4 14 10	Consols (£629 6s. 1d., valued at £87)	547 9 10
G. Savigar for care of Stock (1903)	1 1 0	Balance owing from Publishers	12 16 0
Do. for postage	0 1 4	" " G. Savigar	0 11 7
Secretary's postage (1903)	0 17 8	Subscriptions in arrear, valued at	9 9 0
Treasurer's " (1903)	0 8 10		
Excess of assets over liabilities	556 9 9		
	<u>£625 10 6</u>		<u>£625 10 6</u>

The number of Life-Members on December 31, 1903, was 52.

The Stock of Publications and the value of the Library are not included in the above assets.

(Signed) W. P. BEALE,
Hon. Treasurer.
March, 1904.