

## EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, March 25, 1902.*

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

Mr. Alfred Prentice Young, Ph.D., F.G.S., was elected an Ordinary Member of the Society.

Messrs. Miers and Spencer were asked to report to the Council relative to the presentation and exchange list.

The President, General Secretary, and the Editor, in conjunction with Professor Church and Professor Miers, were appointed Editorial Committee for the Journal.

Mr. Spencer reported that he had indexed the literature relating to Mineralogy and Crystallography published in the United Kingdom during 1901, and had sent, on behalf of the Society, the index-slips to the Central Bureau of the International Catalogue of Scientific Literature.

## GENERAL MEETING.

*Held in the Apartments of the Geological Society, March 25, 1902.*

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

Fourteen Members were present. The election of Dr. Young to the Ordinary Membership of the Society was confirmed.

The following paper was read:—

The Petrology of British East Africa: notes on the rock specimens collected by Professor J. W. Gregory and Sir Harry Johnston respectively: by Mr. G. T. Prior (p. 228).

The paper was illustrated by specimens and micro-sections.

Professor Miers submitted a fragment of a statuette consisting chiefly of green mica: archaeologists agree that the workmanship is Roman, and Professor Miers suggested that the material may be one of the varieties of 'emerald' described by Pliny.

## EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, June 10, 1902.*

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

The resignation of the Treasurership by Lieut.-Gen. McMahon, owing to failing eyesight, was announced. A vote was passed expressing deep sympathy with him in his trouble and high appreciation of the services which have been rendered by him to the Society. Mr. W. P. Beale was

elected Treasurer, and Lieut.-Gen. McMahon was elected to the Membership of Council thus vacated.

Mr. William B. Giles, F.I.C., was elected an Ordinary Member of the Society. The death of M. Moissenet, Honorary Member, was announced.

The Secretary submitted a list of changes which he recommended to be made in the Bye-laws of the Society.

Professor Judd, Foreign Secretary, was authorized to inform the Mayor of St. Just-en-Chaussée that the Society sympathizes with the project to establish a Memorial to the brothers Haüy in their native place.

### GENERAL MEETING.

*Held in the Apartments of the Geological Society, June 10, 1902.*

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

Seventeen Members were present. The election of Mr. W. B. Giles to the Ordinary Membership of the Society was confirmed.

The following papers were read:—

1. On Meigen's method of discriminating Calcite and Aragonite: by Dr. A. Hutchinson.

Experiments had been made in order to discover the cause of the discrepancy in the results obtained by Meigen and Panebianco in the application of Meigen's method of discriminating calcite and aragonite [abstract, this vol., p. 206]. It was found that calcite, when treated with a boiling dilute solution of cobalt nitrate, only remains white or becomes yellow (as stated by Meigen) when the cobalt nitrate contains traces of iron, and that Panebianco's lavender-blue colour is only obtained when the cobalt nitrate is free from iron.

2. On the crystalline forms of Krennerite: by Mr. G. F. Herbert Smith (p. 264).

3. On the Gnomonic Projection: by the same.

4. On Volcanic dust fallen at Barbados: by Mr. G. T. Prior.

Specimens were exhibited, and the mineral constituents described, of the volcanic dust which fell in Barbados on May 7 and 8 after the eruption of the Soufrière of St. Vincent. The fact that the constituents are like those of a hypersthene-augite-andesite connects the eruptions with the Pacific rather than with the Atlantic volcanic chain.

5. On the non-existence of 'Kalgoorlite' and 'Coolgardite' as mineral species: by Mr. L. J. Spencer (p. 268).

6. On the crystalline forms of Liveingite: by Mr. R. H. Solly.

Mr. G. F. Herbert Smith exhibited and explained the new form of Three-Circle Goniometer constructed by Messrs. Troughton and Simms for the British Museum according to the plans suggested by him.

Specimens were exhibited by Messrs. Hutchinson, Prior, Spencer, and Solly in illustration of their papers.

#### EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, November 18, 1902.*

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

The following Candidates were elected Ordinary Members of the Society:—Mr. Herbert Stanley Jevons, M.A., B.Sc., F.G.S.; Mr. Arthur Edward Ian Montagu Russell; Mr. Andrew Gibb Maitland, F.G.S.; Mr. John Smith Flett, M.A., D.Sc., F.R.S.E., F.G.S.; Mr. John Allen Howe, B.Sc., F.G.S.; and Mr. Frederic Philip Mennell, F.G.S. Professor A. D'Achiardi of Pisa was elected an Honorary Member of the Society.

The following dates were selected for the meetings of 1903:—February 3, March 24, June 9, November 17, the last to be the Anniversary Meeting.

Mr. J. H. Collins and Mr. H. L. Bowman were elected Auditors of the Balance Sheet for the year ending Dec. 31, 1902.

#### ANNIVERSARY MEETING.

*Held in the Apartments of the Geological Society, November 18, 1902.*

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

Twenty-four Members and one visitor were present.

The President nominated Mr. Barlow and Mr. Herbert Smith to act as scrutineers of the voting papers for the election of Officers and Council; the scrutineers reported that thirty-seven voting papers had been returned to the General Secretary, and that the List as nominated by the Council for the year 1902-3 was approved, namely:—

*President.* HUGO MÜLLER, ESQ., Ph.D., F.R.S.

*Vice-Presidents.* PROF. G. D. LIVEING, M.A., F.R.S.

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

*Treasurer.* W. P. 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.*

THE EARL OF BERKELEY, F.G.S.	F. W. RUDLER, ESQ., F.G.S.
A. HUTCHINSON, ESQ., M.A., PH.D.	G. F. HERBERT SMITH, ESQ., M.A.
J. H. COLLINS, ESQ., F.G.S.	A. HARKER, ESQ., M.A., F.R.S.
PROF. W. J. LEWIS, M.A., F.C.S.	LIEUT.-GEN. C. A. McMAHON, F.R.S.
W. BARLOW, ESQ., F.G.S.	W. POLLARD, ESQ., M.A., PH.D.
B. KITTO, ESQ., F.I.C., F.G.S.	G. T. PRIOR, ESQ., M.A., F.G.S.

The General Secretary read the following

## ANNUAL REPORT OF COUNCIL.

The Balance Sheet for the year ending December 31, 1901, which will be issued with the next Number of the Journal, shows that the Assets of the Society (exclusive of the Library and the Stock of the Journal) amounted to £650 8s. 9d., and that the Liabilities amounted to £17 0s. 1d. The number of Life-Members on December 31, 1901, was fifty-two; the value of the Stock invested in the names of the Trustees of the Society was on that date £519 15s. 10d.

During the Session 1901-2 the Society has lost two Ordinary Members by resignation, and one Honorary Member by death; on the other hand, three Ordinary Members have been elected, and Professor A. D'Achiardi of Pisa has been added to the list of Honorary Members. The total number of Members is now 121; of these 102 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. 60, published in May 1902, has appeared during the Session.

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

On the motion of the President, seconded by Mr. Scott, the Report was adopted. Votes of thanks to the retiring Auditor (Mr. Kitto) and to the Geological Society for the permission to meet in its Apartments were carried with acclamation.

The following alterations in the Bye-laws were proposed by the General Secretary in accordance with Bye-law 30.

*Bye-law 4.* 'The names of the Candidates shall be communicated to every Ordinary Member by the General Secretary.' To be withdrawn.

*Bye-law 11.* 'The names of all candidates proposed for Honorary

Membership shall be communicated by the General Secretary to every Member of the Council, and the election shall not take place until the expiration of four weeks after such communication.' To be withdrawn.

*Bye-law 5.* The words 'at a meeting held at least four weeks after the names of the Candidates have been so communicated' to be withdrawn.

*Bye-law 10.* The words 'and shall be confirmed at the ensuing general meeting by a majority consisting of three-fourths of the members present and voting,' to be added at the end of the Bye-law.

The proposal was carried.

The elections of Mr. H. S. Jevons, Mr. Arthur Russell, Mr. A. G. Maitland, Dr. J. S. Flett, Mr. J. A. Howe, and Mr. F. P. Mennell, to the Ordinary Membership of the Society were confirmed.

The President called the attention of the Meeting to the Memorial proposed to be erected to the brothers Haüy in their native place.

The following papers were then read:—

1. The crystalline forms of Proustite: by Mr. F. E. E. Lamplough (communicated by Professor Lewis) (p. 294).

2. On some minerals from Switzerland: by Professor W. J. Lewis (p. 291).

3. On Baumhauerite, Seligmannite, and a third mineral from Binn: by Mr. R. H. Solly.

4. On a Gnomonic Protractor: by Mr. G. F. Herbert Smith.

5. On the Molecular Volumes of some crystallographically similar minerals: by Mr. G. T. Prior (p. 217).

Owing to the lateness of the hour the following papers were taken as read:—

6. On Phonolitic Rocks from St. Helena and Ascension: by Mr. G. T. Prior (p. 256).

7. Crystalline forms of Carbides and Silicides of iron and manganese ('Ferro-manganese,' &c.): by Mr. L. J. Spencer (p. 296).

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# MINERALOGICAL SOCIETY.

## ABSTRACT OF RECEIPTS AND PAYMENTS FROM JANUARY 1 TO DECEMBER 31, 1901.

RECEIPTS.	£	s.	d.	£	s.	d.
Balance from the year 1900			79			0
Subscriptions—(1) current		30	8		9	
(2) arrears			16		16	
Entrance fees and compositions			47		4	9
Sale of publications by publishers		20	17		5	
"    from Stock (from 1898 inclusive)		4	17		1	
Miscellaneous receipts by Clerk in charge of Stock				2		11
Authors' extra copies			25		17	5
Donation from Professor Church for binding			20		8	9
Dividends on Stock			10		0	0
			13		16	8
			214		5	0

Examined and compared with the vouchers, and found correct.

(Signed) **BENEDICT KUITO** } Auditors.  
**J. H. COLLINS** }

LIABILITIES.	£	s.	d.	ASSETS.	£	s.	d.
Debts owing—Printing		4	13	Balance as above			76
Illustrations			6	Subscriptions unpaid			2
			3	Stock in Consols £540 18s. 7d., valued at £96			11
Honorarium owing to Editor			4	Dividend, January, 1902			13
Secretarial postage to Dec. 31, 1901			19	Balance owing from Publishers from sale of Journal, 1901			30
Attendant's Fee at Meetings to Dec. 31, 1901			10				15
Excess of assets over liabilities			10				10
			4				8
			633				7
			8				0
			650				8
			8				9

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

(Signed) **W. P. BEALE,**  
*Hon. Treasurer.*

*June 30, 1902.*