

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, June 21st, 1898.

Prof. A. H. CHURCH, M.A., F.R.S., Vice-President, in the Chair.

The death of Professor Sandberger, Honorary Member, was announced.

A letter from Mr. Thoms, relative to the proposed publication of Prof. Heddle's *Mineralogy of Scotland*, was read.

GENERAL MEETING.

Held in the Apartments of the Geological Society, June 21st, 1898.

Prof. A. H. CHURCH, M.A., F.R.S., Vice-President, in the Chair.

Thirteen Members and two Visitors were present.

The following papers were read :—

1. On some crystal forms of Lead : a study in crystal measurement : by Professor Miers (page 113).

2. On the chemical composition of Chalcophyllite : by Mr. E. G. J. Hartley (page 120).

3. On a possibly dimorphous form of an oxy-chloride of lead : by Mr. Herbert Smith (page 108).

Mr. Tutton exhibited an improved form of interference-dilatometer, and demonstrated the mode of use.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, October 4th, 1898.

Professor N. S. MASKELYNE, M.A., F.R.S., President, in the Chair.

A proposal for an exchange of publications with the Imperial University of Moscow was accepted.

Resolved to nominate for the new Council as follows :—

President : Prof. Church (in succession to Prof. Maskelyne).

Vice-President : Prof. Liveing (in succession to Prof. Church). Messrs. Cole, Gurney, Platnauer, Teall, Tutton and Watts (in succession to Messrs. Church, J. Geikie, Hutchinson, Kitto, Liveing and Rutley), as Members of Council.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, November 15th, 1898.

Prof. N. S. MASKELYNE, M.A., F.R.S., President, in the Chair.

MM. Fouqué and Lévy were elected Corresponding Members of the Society.

Mr. J. P. de Castro, B.A., and Mr. H. C. Dickson were elected Ordinary Members of the Society.

The Draft Annual Report prepared by the Secretary was emended and approved.

ANNIVERSARY MEETING.

Held in the Apartments of the Geological Society, November 15th, 1898.

Prof. N. S. MASKELYNE, M.A., F.R.S., President, in the Chair.

Eighteen Members were present.

The following Report of Council for the Session 1897-8 was read:—

REPORT.

The Balance Sheet for the year ending December 31st, 1897, which was issued with Number 54 of the Journal, showed that the state of the Finances of the Society was all that could be wished, the Assets (exclusive of the Stock of the Journal and the Library) amounting to £568 19s. 9d., and the Liabilities to £47 16s. 10d. The number of actual Members who had compounded before December 31st, 1897, for the payment of their Annual Subscription was 44.

During the Session 1897-8 two Members have been removed by death, namely, Professor Heddle, Past-President, and Professor Sandberger, Corresponding Member; one Member has resigned; five non-effective Members have been removed for non payment of their Subscriptions: on the other hand, two Corresponding Members and three Ordinary Members have been elected to the Society.

The total number of Members is now 131: of these 110 are Ordinary Members and 21 are Corresponding 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. The attendances at these Meetings have been 15, 18, 11 and 15, respectively.

Two Numbers of the Journal, published in December 1897 and June 1898, respectively, have been issued since the last Anniversary Meeting. To Number 53 Professor Miers contributed detailed information relative to British Pseudomorphs, information which it is very useful to place on record. Messrs. Prior and Spencer gave an elaborate report of their investigations relative to the species Andorite, Sundtite and Webnerite, and established their identity. Dr. Hussak, who is adding so much to our knowledge of the Mineralogy of Brazil, described, in conjunction with Mr. Prior, a new species, an antimonate of iron, Tripuhyite. Mr. Derby, also working in Brazil, announced the common occurrence of Monazite and Xenotime in the far-distant European rocks. Mr. Mallet gave the results of a minute chemical and optical examination of crystals of Blödite, and Mr. Henderson described a new mode of occurrence of Apophyllite in South Africa. A very noteworthy addition to the Number is Mr. Spencer's alphabetical list of the Mineral Species which have been named since the issue of the last edition (1892) of Dana's *System of Mineralogy*. An elaborate Index, compiled by Mr. Spencer, brings Volume XI. to a conclusion.

Number 54 contains information from Mr. Spencer about Augelite from a new locality in Bolivia. The same author, collaborating with Mr. Prior, proves that the mineral, long supposed to be a crystallised form of Brongniardite, is really a stanniferous Argyrodite. Mr. Herbert Smith, in a paper which we may hope to be followed by many others, contributes to our knowledge of Atacamite. Dr. Hussak describes a new mineral from Brazil, Senaite, belonging to the Ilmenite group, the analysis being by Mr. Prior, who in a subsequent paper critically discusses the existence of the species named Sphærostilbite. For the Abstracts which appear in the two Numbers the Society is indebted to the patient industry of Mr. Spencer and Mr. Herbert Smith.

The Council has to congratulate the Society on the continued steady sale of the Journal.

The Report of the Council was adopted.

The Elections of MM. Fouqué and Lévy as Corresponding Members and of Messrs. De Castro and Dickson as Ordinary Members were announced.

Messrs. Barlow and Hutchinson, having been nominated by the President to act as scrutators of the voting-papers for the election of Officers and Council, reported that 59 ballot-papers had been returned, and that the Officers and Council nominated have been elected, namely :—

<i>President.</i>	PROF. A. H. CHURCH, M.A., F.R.S.
<i>Vice-Presidents.</i>	PROF. G. D. LIVEING, M.A., F.R.S. MR. HUGO MÜLLER, Ph.D., F.R.S.
<i>Treasurer.</i>	MR. F. W. RUDLER, F.G.S.
<i>General Secretary.</i>	MR. L. FLETCHER, M.A., F.R.S.
<i>Foreign Secretary.</i>	PROF. J. W. JUDD, C.B., F.R.S.
<i>Twelve Ordinary Members of Council.</i>	MR. W. BARLOW, F.G.S., F.C.S. PROF. GRENVILLE A. J. COLE, M.R.I.A., F.G.S. THE REV. H. P. GURNEY, D.C.L., M.A., F.G.S. MR. F. R. MALLETT, F.G.S. LIEUT.-GEN. C. A. McMAHON, F.R.S. PROF. H. A. MIERS, M.A., F.R.S. MR. H. M. PLATNAUER, B.Sc., A.R.S.M., F.G.S. MR. W. J. POPE, F.C.S. MR. G. T. PRIOR, M.A., F.G.S. MR. J. J. H. TEALL, M.A., F.R.S. MR. A. E. TUTTON, M.A., A.R.C.S., F.C.S. PROF. W. W. WATTS, M.A., F.G.S.

A vote of thanks to the Auditors, Mr. J. H. Collins and Mr. B. Kitto, was passed, and the Auditors were re-elected.

A vote of thanks to the retiring Officers and Council was proposed by Professor Miers and seconded by Dr. Müller, and was carried with acclamation. The retiring President, Professor Maskelyne, expressed his gratification at the way in which the motion had been received.

A vote of thanks to the Geological Society for the use of its Apartments was carried.

The following papers were read :—

1. Plagionite, Heteromorphite and Semseyite as Members of a Natural Group of Minerals: by Mr. L. J. Spencer: with chemical analyses by Mr. G. T. Prior (page 55).
2. Petrographical Notes on rock-specimens collected during the Ross Antarctic Expedition of 1839-43: by Mr. G. T. Prior (page 69).
3. Mineralogical Notes from the Oxford University Laboratory: communicated by Prof. H. A. Miers (page 111).

4. Note on the occurrence of Riebeckite in trachytic rocks from Abyssinia: by Mr. G. T. Prior (page 92).

5. Mineral Deposits of the Binnenthal: by Mr. R. H. Solly.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, January 31st, 1899.

Prof. A. H. CHURCH, M.A., F.R.S., President, in the Chair.

Mr. J. Currie, M.A., F.R.S.E., and Mr. C. G. Cullis, B.Sc., were elected Ordinary Members of the Society.

The resignation of Mr. T. Warburton was announced.

The Auditors' Balance Sheet for the year ending December 31st, 1898, was submitted and approved.

GENERAL MEETING.

Held in the Apartments of the Geological Society, January 31st, 1899.

Prof. A. H. CHURCH, M.A., F.R.S., President, in the Chair.

Twenty-one Members and four Visitors were present.

The following papers were read:—

1. On a new mode of occurrence of Ruby, in North Carolina: by Prof. J. W. Judd, C.B., LL.D., F.R.S., and Mr. W. E. Hidden, F.G.S.; with crystallographic notes by Dr. J. H. Pratt.

2. Experiments with Zeolites: by Prof. A. H. Church, F.R.S., President.

3. Analyses of Ceylon Apatite: by Prof. A. H. Church, F.R.S., President.

4. On the constitution of the Mineral Arsenates and Phosphates. II. Pharmacosiderite: by Mr. E. G. J. Hartley.

5. On the specific identity of Binnite and Tennantite: by Mr. G. T. Prior and Mr. L. J. Spencer.

Prof. Church exhibited blue Apatites from Ceylon, one containing as much as 3.21 per cent. of chlorine, others only 0.63 and 0.34 per cent. He stated that the action of silver nitrate on Phillipsite is analogous to that investigated by Eichhorn and Lemberg in the case of salts on other zeolites.

Mineralogical Society—Abstract of Receipts and Payments from 1st January to 31st December, 1898.

RECEIPTS.		PAYMENTS.	
	£ s. d.		£ s. d.
Balance from year 1897	78 0 6	Printing and Stationery	...
Subscriptions:—		Illustrations	...
(1) In advance	1 1 0	Attendants' Fees at Meetings	...
(2) Current	40 18 10	Secretarial Postage for 1897	...
(3) In arrear	29 8 0	Commission on Cheques	...
	<u>71 7 10</u>	Investments and Brokers' Commission	...
Entrance Fees and Compositions	23 2 0	Balance at Bank	£100 9 7
Sale of Publications:—		" in Office	0 13 10
(1) From Publishers	11 7 6		<u>101 8 5</u>
(2) In Office	9 9 11		
Dividends on Stock	20 17 5		
	<u>10 14 2</u>		
	<u>£204 1 11</u>		<u>£204 1 11</u>

Examined and compared with the vouchers and found correct.

January 26th, 1899.

LIABILITIES.		ASSETS.	
	£ s. d.		£ s. d.
Secretarial Postage for 1898	0 16 9	Balance as above	101 3 5
		Subscriptions unpaid	23 2 0
		Stock in 2½ Consols : £408 18s. 4d., valued at 111	453 17 11
		Dividend on Stock, January 1899	2 14 4
		Sale of Journal, 1898 (estimated)	12 0 0
		Due for Authors' Copies	16 2 0
Excess of Assets over Liabilities	608 2 11		
	<u>£608 19 8</u>		<u>£608 19 8</u>

The number of Life-Members on December 31st, 1898, was 46.

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

(Signed) **F. W. RUDLER,**
Treasurer.

(Signed)
**BENEDICT KITTO, }
J. H. COLLINS, }
Auditors.**