

EXCERPT MINUTES OF COUNCIL MEETING:

*Held in the Apartments of the Geological Society, Burlington House,
London, W., June 15, 1920, at 4 p.m.*

Dr. A. E. H. TUTTON, F.R.S., Past-President, in the Chair.

Mr. George Letchworth English and Senhor Jorge Belmiro de Araujo Ferraz were provisionally elected Ordinary Members of the Society. The death of Mr. C. Roe Gardiner, Ordinary Member, was announced.

The following changes in the list of Officers and Council were approved for recommendation to the Members of the Society:—Ordinary Members of Council—Messrs. Barker, Cullis, Richardson, and Scott, in place of the four retiring Members of Council, Messrs. Collins, De Castro, Hilton, and Russell.

The following were suggested as the dates of the meetings in 1921:—Tuesdays, January 18, March 22, June 21, and November 1 (Anniversary).

The Editor reported that owing to the increased cost of printing he was issuing smaller numbers of the Journal at more frequent intervals, the price of each number remaining as before but marked as net.

GENERAL MEETING.

*Held in the Apartments of the Geological Society, Burlington House,
London, W., June 15, 1920, at 5.30 p.m.*

Dr. A. E. H. TUTTON, F.R.S., Past-President, in the Chair.

Nineteen Ordinary Members, one Honorary Member (Prof. A. Lacroix), and three Visitors were present.

The elections of Messrs. G. L. English and J. B. de Araujo Ferraz as Ordinary Members of the Society were confirmed.

The following papers were read:—

1. Rare zinc-copper minerals from the Rhodesia Broken Hill mine, Northern Rhodesia: by Mr. F. P. Mennell (p. 69).
2. Note on the plumbiferous barytes from Shibukuro, prefecture of Akita, Japan: by Prof. R. Ohashi (p. 73).
3. The fibrous gypsum of Nottinghamshire: by Mr. W. A. Richardson (p. 77).
4. A new model rotating-stage petrological microscope: by Mr. W. A. Richardson (p. 96).

Mr. W. Barlow exhibited models of the atomic structure of crystals of ammonium chloride, potassium chloride, and tartaric acid. Specimens and a microscope were also exhibited in illustration of the papers.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, Burlington House, London, W., November 9, 1920, at 4 p.m.

Sir WILLIAM P. BEALE, Bart., President, in the Chair.

Prof. William Lawrence Bragg, Mr. Edward Lionel Johnson, Prof. George Murgoci, Prof. Ryōichi Ōhashi, Dr. Alfred Schoep, and Mr. Franklin White were provisionally elected Ordinary Members of the Society. The death of Prof. E. Kinch, Ordinary Member, was announced.

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

It was resolved that the set of publications Nos. 1–82 with the exception of Nos. 17, 18, 19, and 22, be offered to non-members at the reduced price of £10.

Mr. Barlow was reappointed to represent the Society on the Conjoint Board of Scientific Societies for 1921.

A preliminary report from the Committee of British Petrographic Nomenclature was submitted.

The Secretary announced that the Royal Society, administering the Government Publication Grant, had made a grant of £50 in aid of the publication of 'Mineralogical Abstracts'.

GENERAL (ANNIVERSARY) MEETING.

Held in the Apartments of the Geological Society, Burlington House, London, W., November 9, 1920, at 5.30 p.m.

Sir WILLIAM P. BEALE, Bart., President, in the Chair.

Twenty-four Members and two Visitors were present.

The President nominated Messrs. Butler and Edge to act as scrutineers of the voting-papers for the election of Officers and Council.

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

President. Sir William P. Beale, Bart, K.C, F.G.S., F.C.S.

Vice-Presidents. Prof. H. L. Bowman, M.A., D.Sc., F.G.S.

Dr. A. Hutchinson, O.B.E., M.A., Ph.D., F.G.S.

Treasurer. Dr. J. W. Evans, LL.B., D.Sc., F.R.S.

General Secretary. Dr. G. T. Prior, M.A., D.Sc., F.R.S.

Foreign Secretary. Prof. W. W. Watts, LL.D., Sc.D., F.R.S.

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

Ordinary Members of the Council.

Dr. A. Holmes, D.Sc., F.G.S.	Mr. W. Campbell Smith, M.C., M.A., F.G.S.
Miss M. W. Porter.	Mr. T. V. Barker, M.A., B.Sc., F.C.S.
Mr. R. H. Rastall, M.A., F.G.S.	Prof. C. G. Cullis, D.Sc., F.G.S.
Sir Jethro J. H. Teall, M.A., D.Sc., LL.D., F.R.S.	Mr. W. A. Richardson, M.Sc., F.G.S.
Mr. A. F. Hallimond, M.A., F.G.S.	Dr. Alex. Scott, M.A., D.Sc.
Dr. F. H. Hatch, O.B.E., Ph.D., F.G.S.	
Mr. J. A. Howe, O.B.E., B.Sc., F.G.S.	

The elections of Messrs. W. L. Bragg, E. L. Johnson, G. Murgoci, R. Ōhashi, A. Schoep, and F. White as Ordinary Members of the Society were confirmed.

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

The following ANNUAL REPORT OF COUNCIL was read:—

During the Session 1919-20 four ordinary meetings have been held (by kind permission) in the Apartments of the Geological Society, Burlington House, W., at which fifteen papers were read.

At the meeting of Council held on January 20, 1920, on the motion of Mr. Campbell Smith, it was resolved to recommend the appointment of a Joint Committee of twelve petrologists, six selected from the Geological and six from the Mineralogical Society, to consider the standardization of British Petrographic Nomenclature, and at a special meeting held at the Natural History Museum on February 18 the Committee was appointed.

Four numbers of the Journal, containing nineteen papers, have been issued, viz. No. 87 published in November 1919, No. 88 in March 1920, No. 89 in May 1920, and No. 90 in September 1920. A new feature in the last three numbers is the publication, in accordance with a resolution of the Council, of 'Mineralogical Abstracts' in separately-paged appendices. Reprints of these appendices have also been prepared so as to be available for separate distribution.

The balance-sheet for the year ending December 31, 1919, showed that the financial position of the Society was satisfactory. The assets (exclusive of the Library and stock of the Journal) amounted to £1,031 5s. 8d., and the liabilities to £23 10s. 9d. The value of the Stock invested in the names of the Trustees of the Society was on that date £841 0s. 0d., corresponding to £16 16s. 5d. for each Life-Member. A donation of £5 was made to the Conjoint Board of Scientific Societies.

During the Session the Society has lost by death one Honorary Member, Prof. E. S. Fedorov, and two Ordinary Members, Dr. A. P. Young and Mr. C. Roe Gardiner. Eight Ordinary Members have been elected. The total number of members on November 8, 1920, was 145, of whom 14 are Honorary. Of the Ordinary Members 50 are Life-Members.

During the Session Mr. Barlow has represented the Society on the Conjoint Board of Scientific Societies, Dr. Prior on the Federal Council of Pure and Applied Chemistry, Mr. Spencer and Dr. Herbert Smith on the 'Publications' and 'Miscellaneous' Committees respectively of the Imperial Mineral Resources Bureau, and Dr. Evans and Dr. Prior on a Committee of the International Research Council to consider the formation of a Union in Geology. Six members,

viz. Messrs. Evans, Hatch, Holmes, Prior, Rastall, and Campbell Smith, were appointed to serve on a Committee of British Petrographic Nomenclature.

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

On the motion of Mr. Crook, seconded by Miss Raisin, the Report was adopted.

The following papers were then read:—

1. A graphic method for the comparison of minerals with four variable components forming two isomorphous pairs: by Dr. E. S. Simpson (p. 99).

2. Fibrolite (= sillimanite) as a gem-stone from Burma and Ceylon: by Mr. L. J. Spencer (p. 107).

3. The origin of the alkali rocks: by Dr. J. W. Evans.

4. Monticellite from a mixer slag: by Mr. A. F. Hallimond (p. 193).

5. A refractometer for the determination of liquid mixtures: by Dr. H. H. Thomas and Mr. A. F. Hallimond (p. 124).

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, Burlington House, London, W., January 18, 1921, at 4 p.m.

Dr. A. HUTCHINSON, Vice-President, in the Chair.

Mr. Albert George Frederick Gregory and Mr. Cecil Edgar Tilley were provisionally elected Ordinary Members of the Society. The deaths of Sir Lazarus Fletcher, Past-President and Secretary, and Mr. G. Seligmann, Ordinary Member, were announced.

Messrs. Campbell Smith and Harwood were elected Auditors of the accounts of the year ending December 31, 1920.

The Report of the Committee on British Petrographic Nomenclature was laid before the Council, and it was resolved that its publication in the Mineralogical Magazine [p. 137] should be recommended at a meeting of the officers of the Mineralogical and Geological Societies to be held the next day.

The lists of Foreign Members and Institutions to which the Journal was sent before the war were considered, and a committee, consisting of the Editor, Treasurer, Secretary, Librarian, and Dr. Hutchinson, was appointed to consider a general revision of the list of institutions.

GENERAL MEETING.

Held in the Apartments of the Geological Society, Burlington House, London, W., January 18, 1921, at 5.30 p.m.

Dr. A. HUTCHINSON, Vice-President, in the Chair.

Twenty Members and three Visitors were present.

The elections of Messrs. A. G. F. Gregory and C. E. Tilley as Ordinary Members were confirmed.

The death of Sir Lazarus Fletcher, Past-President and Secretary of the Society, was announced, and the Chairman and Dr. Tutton referred in moving terms to his distinguished career and the work he had done for the Society. The President's letter, recalling the words of hope and encouragement contained in Sir Lazarus's Presidential Address of October, 1888, was also read.

The following papers were read:—

1. The olivine group: by Mr. A. F. Hallimond.
2. A method of constructing rock-analysis diagrams on a statistical basis: by Mr. W. A. Richardson (p. 130).
3. Identity of Trechmann's ' β -tin' with stannous sulphide: by Mr. L. J. Spencer (p. 113).

A series of Spanish minerals collected by Mr. A. B. Edge and specimens in illustration of Mr. Spencer's paper were shown.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, Burlington House, London, W., March 22, 1921, at 5 p.m.

Dr. A. E. H. TUTTON, F.R.S., Past-President, in the Chair.

Lady Rachel Workman M^cRobert, Mr. Alfred Joseph Bull, and Mr. Allen Ernest Mitchell were provisionally elected Ordinary Members of the Society.

An audited statement of receipts and expenditure for the year ending December 31, 1920, submitted by the Treasurer, was approved.

It was resolved that the date-card of the meetings should in future be for the Session (November to November) instead of for the year.

GENERAL MEETING

Held in the Apartments of the Geological Society, Burlington House, London, W., March 22, 1921, at 5.30 p.m.

Dr. A. E. H. TUTTON, F.R.S., Past-President, in the Chair.

Twenty Members and three Visitors were present.

The elections of Lady M^cRobert and Messrs. A. J. Bull and A. E. Mitchell were confirmed.

The following papers were read:—

1. The vibrations of a crystalline medium: by Prof. H. Hilton [Phil. Mag., 1921, vol. 42, p. 148].
2. Augite from Nishigatake, Japan: by Prof. R. Ōhashi (p. 173).
3. On the Adare and Ensisheim meteorites: by Dr. G. T. Prior (p. 163).

Mr. W. Barlow exhibited and described models representing the atomic structure of calcite and aragonite.

MINERALOGICAL SOCIETY.

ABSTRACT OF RECEIPTS AND PAYMENTS FOR THE YEAR ENDING DECEMBER 31, 1920.

RECEIPTS.			PAYMENTS.			
	£	s.	d.	£	s.	d.
Balance from 1919—Bank . . .	117	7	5			
Office . . .	1	3	8			
	<hr/>					
Subscriptions—(1) current . . .	40	19	0			
(2) arrears . . .	13	13	0			
(3) advance . . .	2	2	0			
	<hr/>					
Entrance Fees and Life Compositions . . .			56	14	0	
Sale of Publications . . .			39	18	0	
Grant from the Royal Society in respect of the publication of 'Mineralogical Abstracts' . . .			65	1	1	
Interest on Investments* :—						
£850 5% War Loan . . .	42	10	0			
£50 5% Nat. War Bonds . . .	2	10	0			
£50 4% Funding Loan . . .	2	0	0			
	<hr/>					
			47	0	0	
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			118	10	8	
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			56	14	0	
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			39	18	0	
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			102	13	4	
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			£377	3	9	
	<hr/>					
			£377	3	9	

[* With reference to the Balance Sheet for 1919 the stock held by the Society was then as above and not £940 5% War Loan as there stated.]

BALANCE SHEET.

DECEMBER 31, 1920.

LIABILITIES.		ASSETS.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.
Oxford University Press	75 10 0	Balance at Bank	99 11 7
Williams & Strahan	2 15 0	At Office	3 1 9
Editor's Honorarium (1920).	0 10 0	Investments:—	102 13 4
Porter at Geological Society (1920)	0 10 0	£850 5% War Loan	705 10 0
J. Mugford for care of stock of Publications (1920)	0 12 3	£50 5% Nat. War Bonds	46 10 0
Do. for postage (1920)	0 14 10	£50 4% Funding Loan	34 0 0
Excess of assets over liabilities	1 17 1	Sale of Publications (1920):—	786 0 0
	865 0 5	Owing from Publishers	57 10 0
		" " J. Mugford	0 19 2
		Arrears of Subscriptions (estimated)	58 9 2
			23 0 0
	<u>£970 2 6</u>		<u>£970 2 6</u>

The stock of publications and the value of the library are not included in the above assets.

(Signed) JOHN W. EVANS, W. CAMPBELL SMITH } Auditors.
 Hon. Treasurer. II. F. HARWOOD }
 July 11, 1921.