

EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, June 18, 1912,
at 5 p.m.*

DR. A. E. H. TUTTON, F.R.S., Vice-President, in the Chair.

Mr. A. F. Hallimond and Mr. R. Bell were elected Ordinary Members of the Society.

The following changes in the list of Officers and Council were approved for recommendation to the Members of the Society:—

President. Dr. A. E. H. Tutton, in place of Prof. W. J. Lewis.

Vice-President. Dr. A. Hutchinson, in place of Dr. A. E. H. Tutton.

Ordinary Members of the Council. Messrs. F. H. Butler, J. P. De Castro, B. Kitto, and Prof. A. Liversidge, in place of Messrs. J. H. Collins, C. G. Cullis, J. W. Evans, and J. A. Howe.

On the motion of Dr. Fletcher, seconded by Dr. Prior, it was resolved that the normal tenure of the office of President be three years.

The Address to be presented to the Royal Society was considered.

Resolved that newly elected Members be given the back numbers of the volume of the Journal current at the time of their election, and that the rule shall apply to Members elected since the beginning of the present volume.

GENERAL MEETING.

*Held in the Apartments of the Geological Society, June 18, 1912,
at 5.30 p.m.*

DR. A. E. H. TUTTON, F.R.S., Vice-President, in the Chair.

Twenty-seven Members were present.

The elections of Mr. A. F. Hallimond and Mr. R. Bell to the Ordinary Membership of the Society were confirmed.

The following papers were read:—

1. The isomorphism of the acid tartrates and tartar-emetics of potassium, rubidium, and caesium: by Mr. T. V. Barker.

2. On Topaz and Beryl from the granite of Lundy Island: by Mr. W. F. P. McLintock and Mr. T. C. F. Hall (p. 294).

3. On the Rathite group: by Mr. R. H. Solly.

4. On the minerals of the Nakhla meteorite: by Dr. G. T. Prior (p. 274).

5. Note on the occurrence of Cassiterite and Strüverite in Perak: by Mr. J. B. Scrivenor (p. 302).

Specimens were exhibited in illustration of the papers of Messrs. McLintock and Hall, and Mr. Scrivenor.

EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, November 12, 1912,
at 5 p.m.*

PROFESSOR W. J. LEWIS, M.A., F.R.S., President, in the Chair.

Dr. Waldemar T. Schaller, Mr. Edward Sydney Simpson, and Mr. Arthur Henry Morgan were elected Ordinary Members of the Society.

The death of Prof. F. Zirkel, Honorary Member, was announced; and the resignation of Mr. A. L. Hall, Ordinary Member, was accepted.

The following were selected as the dates of meeting for the year 1913: Tuesdays, January 21, March 11, June 17, and November 11, the last to be the Anniversary Meeting.

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

A vote of thanks was passed to Dr. G. F. Herbert Smith for sending notices of the meetings of the Society to 'Nature', 'The Geological Magazine', 'The Mining Journal', and 'Centralblatt für Mineralogie'.

ANNIVERSARY MEETING.

*Held in the Apartments of the Geological Society, November 12, 1912,
at 5.30 p.m.*

PROFESSOR W. J. LEWIS, M.A., F.R.S., President, in the Chair.

Thirty-one Members and five Visitors were present.

The elections of Messrs. W. T. Schaller, E. S. Simpson, and A. H. Morgan to the Ordinary Membership were confirmed.

The scrutineers reported that forty-seven voting-papers had been returned, and that the list as nominated by the Council was approved, namely:

President. A. E. H. Tutton, M.A., D.Sc., F.R.S.

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

A. Hutchinson, M.A., Ph.D., F.G.S.

Treasurer. W. Phipson Beale, K.C., M.P., F.G.S., F.C.S.

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

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

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

Ordinary Members of Council.

T. V. Barker, M.A., B.Sc., F.C.S.	Sir Thomas H. Holland, K.C.I.E., D.Sc., F.R.S.
W. Barlow, F.R.S.	B. Kitto, F.I.C., F.G.S.
F. H. Butler, M.A., A.R.S.M., L.S.A. (Lond.)	Prof. A. Liversidge, M.A., LL.D., F.R.S.
T. Crook, A.R.C.Sc.I., F.G.S.	R. Pearce, Ph.D., F.G.S.
J. P. De Castro, M.A., F.I.C., F.C.S.	G. F. Herbert Smith, M.A., D.Sc., F.G.S.
Rev. J. M. Gordon, M.A., F.G.S.	H. H. Thomas, M.A., B.Sc., F.G.S.

The following ANNUAL REPORT OF COUNCIL was read:—

During the Session 1911-12 four meetings have been held (by kind permission) in the Apartments of the Geological Society, Burlington House, W., at which twenty-two papers were read. One number of the Journal (No. 75), containing nine papers, was published in May. For the loan of blocks for figures in this number the Society is indebted to Prof. Lewis, Dr. Tutton, and Dr. Hutchinson.

The balance-sheet of the year ending December 31, 1911, shows that the financial position of the Society is satisfactory. The assets (exclusive of the Library and stock of the Journal) amounted to £798 18s. 8d., and the liabilities to £14 11s. 7d. The value of the Stock invested in the names of the Trustees of the Society was on that date £714 11s. 2d., corresponding to £13 4s. 8d. for each Life-Member.

During the Session 1911-12 the Society has lost by death three Honorary Members (Prof. F. Zirkel, Prof. G. J. Brush, and Prof. S. Calderón) and two Ordinary Members, and by resignation two Ordinary Members. Two Honorary Members (Prof. V. Goldschmidt and Prof. C. Viola) and five Ordinary Members have been elected. The total number of members on November 11, 1912, was 185, of whom seventeen are Honorary. Of the Ordinary Members fifty-four have compounded for their annual subscription.

Sir Henry Miers and Mr. F. N. A. Fleischmann have been elected Trustees of the Society. At the celebration of the 250th Anniversary of the Royal Society the President, Prof. W. J. Lewis, acted as delegate for the Mineralogical Society and presented an address.

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

On the motion of Mr. Barker, seconded by Mr. De Castro, 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.

The dates of meeting for 1913, proposed by the Council, were approved.

The following papers were read:—

1. Ilmenite from the Lengenbach quarry, Binnenthal: by Prof. W. J. Lewis (p. 348).
2. An account of the minerals found in the Virtuous Lady mine, near Tavistock: by Mr. Arthur Russell.
3. Some graphical methods in crystallography and crystal-optics: by Dr. A. Hutchinson.
4. Labradorite from Co. Down: by Dr. A. Hutchinson and Mr. W. Campbell Smith (p. 267).
5. Apparatus for preparing thin-sections of rocks: by Dr. G. F. Herbert Smith (p. 317).
6. Calcite crystals from a water-tank: by Mr. Russell F. Gwinnell (p. 345).

Dr. J. Drugman exhibited plaster models of crystals, and Mr. Russell showed a fine series of specimens from the Virtuous Lady mine in illustration of his paper.

EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, January 21, 1913,
at 5 p.m.*

DR. A. E. H. TUTTON, F.R.S., President, in the Chair.

Prof. F. Wallerant and Prof. F. W. Clarke were elected Honorary Members of the Society.

Prof. Bundjirō Kotō, Prof. Austin Flint Rogers, and Mr. Harvey Collingridge were elected Ordinary Members of the Society.

Messrs. H. H. Thomas and W. Campbell Smith were elected Auditors of the Accounts for the year ending December 31, 1912.

The President, the General Secretary, and the Editor of the Journal, in conjunction with Dr. L. Fletcher and Sir Henry Miers, were appointed Editorial Committee for the Journal.

GENERAL MEETING.

*Held in the Apartments of the Geological Society, January 21, 1913,
at 5.30 p.m.*

DR. A. E. H. TUTTON, F.R.S., President, in the Chair.

Thirty-one Members and one Visitor were present.

The elections of Prof. F. Wallerant and Prof. F. W. Clarke as Honorary Members, and of Prof. B. Kotō, Prof. A. F. Rogers, and Mr. H. Collingridge to the Ordinary Membership of the Society were confirmed.

The following papers were read:—

1. Note on the determination of the optic axial angle of crystals in thin-section: by Mr. H. Collingridge (p. 348).

2. Optical activity and enantiomorphism of molecular and crystal structure: by Messrs. T. V. Barker and J. E. Marsh.

3. Graphical determinations of angles and indices in zones: by Dr. G. F. Herbert Smith (p. 326).

4. On the Goldschmidt apparatus for cutting models of crystals: by Dr. J. Drugman.

5. On a nodule of Iron-pyrites: by Prof. H. L. Bowman.

Papers (2), (3), and (4) were illustrated by lantern slides. Mr. F. N. A. Fleischmann exhibited a carved specimen of amethyst, and Mr. E. Hopkins showed scales and weights used in Bombay for weighing pearls.

EXCERPT MINUTES OF COUNCIL MEETING.

*Held in the Apartments of the Geological Society, March 11, 1913,
at 5 p.m.*

PROFESSOR H. L. BOWMAN, D.Sc., Vice-President, in the Chair.

The audited Balance-sheet for the year ending December 31, 1912, was approved, and instructions were given for it to be inserted in the Minutes and to be published in the next issue of the Journal.

Prof. H. L. Bowman was appointed as Delegate to represent the Society at the International Geological Congress to be held in Canada this year.

Letters were read from the recently elected Honorary Members, Prof. F. Wallerant and Prof. F. W. Clarke.

GENERAL MEETING.

*Held in the Apartments of the Geological Society, March 11, 1913,
at 5.30 p.m.*

PROFESSOR H. L. BOWMAN, D.Sc., Vice-President, in the Chair.

Twenty-two Members and two Visitors were present.

The following papers were read:—

1. The mineral collection of Thomas Pennant (1726–1798): by Mr. W. Campbell Smith (p. 331).
2. The minerals and mineral-localities of Montgomeryshire: by Mr. Arthur Russell.
3. A new stereographic protractor: by Dr. G. F. Herbert Smith.
4. A (sixth) list of new mineral names: by Mr. L. J. Spencer (p. 352).

Dr. A. Hutchinson exhibited the new 'universal apparatus' for optical determinations devised by him, and Mr. Arthur Russell mineral-specimens from Montgomeryshire in illustration of his paper.

MINERALOGICAL SOCIETY.

ABSTRACT OF RECEIPTS AND PAYMENTS FROM JANUARY 1 TO DECEMBER 31, 1912.

	£	s.	d.	£	s.	d.
RECEIPTS.						
Balance from 1911	35	4	6			
Subscriptions—(1) current	51	8	0			
(2) arrears	10	10	0			
Entrance fees and compositions	61	18	0			
Sale of publications—	18	18	0			
By Publishers	37	6	0			
By G. Savigar	1	12	0			
Dividends on Stock	22	6	9			
	<hr/>					
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3
				<hr/>		
				£177	5	3

BALANCE SHEET.

DECEMBER 31, 1912.

LIABILITIES.		£	s.	d.	ASSETS.		£	s.	d.
Owing for Editor's Honorarium (1912)		10	10	0	Balance at Bank		59	15	4
" G. Savigar for care of stock of Publications (1912)		1	1	0	" in Office			10	11
" Do. for postage (1912)			8	8	Consols (£998 4s. 7d., valued at £74)		60	6	3
" Hon. Secretary for postage (1912)			8	9	Sale of Publications (1912) —		788	14	0
" Do., fee paid for lantern			2	6	Owing from Publishers		40	8	0
" Hon. Treasurer for postage (1912)			7	7	" G. Savigar		2	0	11
" Williams & Strahan for Printing, &c.			3	8	Arrears of Subscriptions (estimated good)		42	8	11
Excess of assets over liabilities			885	11			10	10	0
							<u>£851</u>	<u>19</u>	<u>2</u>

The number of Life Members on December 31 was fifty-four.

The stock of Publications and the value of the Library are not included in the above assets. (Signed) W. P. BEALE,
Hon. Treasurer.