

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, June 16, 1908.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

The resignation of the Earl of Berkeley was announced.

Resolved to nominate Dr. A. E. H. Tutton as Vice-President in place of Professor G. D. Liveing; and Messrs. W. Barrow, F. N. A. Fleischmann, H. Hilton, and A. Hutchinson, in place of the four retiring Ordinary Members of Council (Messrs. J. P. De Castro, J. S. Flett, F. W. Rudler, and A. E. H. Tutton).

Dr. G. T. Prior was appointed representative of the Society at the celebration of the fiftieth Anniversary of the University Museum, Oxford, on October 8, 1908.

GENERAL MEETING.

Held in the Apartments of the Geological Society, June 16, 1908.

PROFESSOR H. A. MIERS, D.Sc., F.R.S., President, in the Chair.

Fourteen Members and six Visitors were present.

The following papers were read:—

1. On the possible existence of a nickel-iron constituent (Fe_5Ni_3) in both the meteoric iron of Youndeggin and the meteoric stone of Zomba: by Mr. L. Fletcher (p. 147).

2. Kaolinization and other changes in West of England rocks: by Mr. F. H. Butler (p. 128).

3. On Schwartzembergite, and the drawing of light-figures: by Dr. G. F. Herbert Smith.

4. The chemical composition of Seligmannite: by Dr. G. T. Prior.

Rock-specimens and slides were exhibited by Mr. Butler in illustration of his paper.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, November 17, 1908.

PRINCIPAL MIERS, D.Sc., F.R.S., President, in the Chair.

Dr. Catherine A. Raisin, Mr. Edward Hopkins, and Dr. S. James Shand, were elected Ordinary Members of the Society.

The following were selected as the dates of meeting for the year

1909:—Tuesdays, January 26, March 23, June 15, November 16, the last to be the Anniversary Meeting.

The Annual Report of Council, drafted by Dr. Prior, was read and approved.

A committee, consisting of the Secretary, the Editor of the Journal, Dr. Tutton, and Mr. Barlow, was appointed to consider the vacancies in the list of Honorary Members.

ANNIVERSARY MEETING.

Held in the Apartments of the Geological Society, November 17, 1908.

PRINCIPAL MIERS, D.Sc., F.R.S., President, in the Chair.

Thirty Members and three Visitors were present.

The elections of Dr. Catherine A. Raisin, Mr. Edward Hopkins, and Dr. S. James Shand to the Ordinary Membership were confirmed.

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

President—Principal H. A. Miers, M.A., D.Sc., F.R.S.

Vice-Presidents—Prof. W. J. Lewis, M.A., F.C.S.

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

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

General Secretary—L. Fletcher, M.A., 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 the Council.

W. Barlow, F.R.S.

G. Barrow, F.G.S.

J. J. Beringer, A.R.S.M., F.C.S.

F. N. A. Fleischmann, M.A., F.C.S.

H. B. Hartley, M.A., F.C.S.

H. Hilton, M.A.

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

B. Kitto, F.I.C., F.G.S.

G. T. Prior, M.A., D.Sc., F.G.S.

Arthur Russell.

G. F. H. Smith, M.A., D.Sc., F.G.S.

A. P. Young, Ph.D., F.G.S.

The following ANNUAL REPORT OF COUNCIL was read:—

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

During the year four meetings have been held (by kind permission) in the Apartments of the Geological Society, Burlington House, W.; at which twenty papers were read. Two numbers of the Journal (No. 68

published in April, and No. 69 published in November) containing fourteen papers, have been issued during the Session. In this connexion thanks are due to Professor Lewis for the loan of seventeen blocks, and to Dr. F. Zambonini for the loan of three blocks, to illustrate their papers in No. 68 of the Journal; also to Mr. A. Hutchinson for the loan of fifteen blocks to illustrate his paper in No. 69 of the Journal, and to the Editor and Publishers of the 'Naturalist' for printing off from their block 500 copies of the portrait of Dr. Sorby.

During the session 1907-8 the Society has lost by resignation two Ordinary Members (the Earl of Berkeley and Mr. B. H. Woodward), and by death its first President, Dr. Henry Clifton Sorby, while five Ordinary Members have been elected. The total number of members on November 16, 1908, was 127; of whom eighteen are Honorary Members and 109 are Ordinary Members. Of the latter, fifty-one have compounded for their annual subscription.

The financial position of the Society is in a satisfactory state. The balance-sheet of the year ending December 31, 1907, shows that the assets (exclusive of the Library and the stock of the Journal) amounted to £761 18s. 3d., and that the liabilities amounted to £73 16s. 3d. The value of the Stock invested in the names of the Trustees of the Society was on that date £603 10s., corresponding to £11 16s. 8d. for each Life-Member.

The Society was represented at the celebration of the fiftieth Anniversary of the University Museum, Oxford, by Dr. G. T. Prior.

On the motion of Dr. Tutton, seconded by Mr. Kitto, the Report was adopted, and a vote of thanks was passed to Dr. Prior for his services as Acting Secretary during the illness of Mr. Fletcher.

The dates of meeting for 1909 proposed by the Council were approved.

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

The following papers were then read:—

1. On Micæ from North Wales and Connemara: by Mr. A. Hutchinson and Mr. W. Campbell Smith.

2. On the occurrence of the rare mineral Carminite in Cornwall: by Mr. Arthur Russell.

3. On Russian universal instruments and methods: by Mr. T. V. Barker.

4. On the composition of the Chandakapur meteoric stone: by Mr. H. E. Clarke and Mr. H. L. Bowman.

Owing to the lateness of the hour, the following papers were held over:—

Note on the spontaneous crystallization of drops of solutions as spherulites: by Monsieur Jacques Chevalier (communicated by the President).

Contributions to the study of parallel growths of different substances: by Dr. S. Kreutz (communicated by the President).

On a new method for studying the optical properties of crystals: by the late Dr. H. C. Sorby (communicated by the President).

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, January 26, 1909.

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

Mr. David Bowen, F.G.S., Instructor in Surveying at the School of Mines, Camborne, was elected an Ordinary Member of the Society.

Mr. J. P. De Castro and Dr. J. W. Evans were elected auditors for the accounts of the year ending December 31, 1908.

The Secretary was instructed, on the proposition of Mr. Hutchinson, to ascertain by means of a reply post-card the wishes of the members relative to the hour of meeting of the Society, the choice being between 5 p.m., 5.30 p.m., and 8 p.m.

GENERAL MEETING.

Held in the Apartments of the Geological Society, January 26, 1909.

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

Twenty-three Members and three Visitors were present.

The election of Mr. David Bowen to the Ordinary Membership was confirmed.

The following papers were then read:—

1. On the identity of Poonahlite with Mesolite: by Dr. H. L. Bowman (p. 216).

2. Contributions to the study of parallel growths of different substances: by Dr. S. Kreutz (communicated by the President) (p. 232).

3. 'Cross-planes' in twin-crystals: by Dr. J. W. Evans.
4. The comparison of the refractive indices of minerals in thin sections, when the directions of vibrations are not parallel: by Dr. J. W. Evans.
5. Some additional localities for Idocrase in Cornwall: by Messrs. G. Barrow and H. H. Thomas (p. 238).
6. Detrital Andalusite in Tertiary and Post-tertiary sands: by Mr. H. H. Thomas (p. 241).
7. Note on the spontaneous crystallization of drops of solutions as spherulites: by Monsieur Jacques Chevalier (communicated by the President) (p. 224).
8. On a new method for studying the optical properties of crystals: by the late Dr. H. C. Sorby, Past-President (communicated by the President) (p. 189).
9. The energy of twin-crystals: by Mr. H. Hilton (p. 245).

Mr. Hutchinson exhibited and explained a new form of protractor, designed by Professor V. Goldschmidt, for use in the preparation of stereographic and gnomonic projections of crystals. Specimens were exhibited in illustration of the papers of Dr. Bowman, and Messrs. Barrow and Thomas; and also other specimens submitted by Mr. Arthur Russell.

EXCERPT MINUTES OF COUNCIL MEETING.

Held in the Apartments of the Geological Society, March 23, 1909.

PRINCIPAL MIERS, D.Sc., F.R.S., President, in the Chair.

The death of Mr. Hudleston, Past-President, was announced, and the President was requested to send a letter of condolence to the widow.

The resignation of Mr. John Parkinson was accepted.

Mr. Henry Dewey, F.G.S., was elected an Ordinary Member.

Announced that the Royal Society had agreed to contribute the sum of £10 from the Publication Fund for the cost of the publication of the posthumous paper of Dr. Sorby.

The audited balance-sheet for the year ending December 31, 1908, was approved.

Mr. Spencer reported that he has prepared on behalf of the Society 1076 slips relative to mineralogical, crystallographical, and petrographical papers and books published in the United Kingdom during 1908 for the International Catalogue of Scientific Literature.

The Secretary reported that the Members who were not indifferent relative to the hour of meeting had voted as follows :—

Five for 8 p.m. ; twelve for 5.30 p.m. ; four for either 5 or 5.30 ; sixteen for 5 p.m. It was resolved to select 5.30 p.m. for the hour of meeting, and that the first meeting at the earlier hour be the Anniversary Meeting, on November 16, 1909.

GENERAL MEETING.

Held in the Apartments of the Geological Society, March 23, 1909.

PRINCIPAL MIERS, D.Sc., F.R.S., President, in the Chair.

Twenty-five Members and one Visitor were present.

The election of Mr. Henry Dewey to the Ordinary Membership was confirmed.

It was announced that the hour of meeting would be changed to 5.30 p.m., the first meeting at the earlier hour being the Anniversary Meeting on November 16, 1909.

The following papers were read :—

1. On a stage-goniometer for use with the Dick-pattern of microscope : by Professor H. L. Bowman.
2. The electrostatic separation of minerals : by Mr. T. Crook (p. 260).
3. On the identity of Guarinite and Hiortdahlite : by Dr. F. Zambonini (with chemical analysis by Dr. G. T. Prior) (p. 247).
4. Note to a paper 'On the comparison of refractive indices of minerals in thin sections' : by Dr. J. W. Evans.

MINERALOGICAL SOCIETY.

ABSTRACT OF RECEIPTS AND PAYMENTS FROM JANUARY 1 TO DECEMBER 31, 1908.

RECEIPTS.		£ s. d.	£ s. d.	PAYMENTS.		£ s. d.	£ s. d.
Balance from 1907	.	.	112 12 8	Printing Magazine (No. 67)	.	43 9 10	
Subscriptions—(1) current	.	49 7 0		Authors' copies	.	8 16 6	
(2) arrears	.	6 6 0		Illustrations	.	5 14 0	
(3) advance	.	1 1 0					58 0 4
Entrance fees and Compositions	.	.	56 14 0	Printing Magazine (No. 68)	.	33 12 0	
—sale of publications—			4 4 0	Authors' copies	.	5 12 3	
By Publishers	.	31 16 0		Illustrations	.	5 14 6	
By G. Savigar	.	10 13 7					44 18 9
" (from Max Weg)	.	6 0 9		Printing Magazine (No. 69)	.	27 6 0	
			48 10 4	Authors' copies	.	5 16 6	
			17 6 11	Illustrations	.	4 5 0	
Dividends on Stock	.	.		(Portrait of Sorby)	.	8 0 0	
				Special wrappers	.	6 6 6	
							38 2 0
				International Catalogue of Scientific Literature, cards			8 0 0
				Miscellaneous Printing	.		6 5 9
				Editor's Honorarium (1907)	.		10 10 0
				G. Savigar for care of Stock (1907)	.		1 1 0
				Porter's Fee	.		1 0 0
				Postage and Parcels—			
				Printers (Magazine)	.	6 17 1	
				(Authors' copies)	.	9 7 7	
				G. Savigar (1907)	.	3 6 6	
				Hon. Secretary (1907)	.	3 7 7	
				Hon. Treasurer (1907)	.	7 7 7	
				Investments	.		8 1 4
				Bank Charges	.		33 1 11
				Balance at Bank	.		0 1 0
				" in Office	.		37 4 1
							13 9
							37 17 10
							<u>£239 7 11</u>
							<u>£239 7 11</u>

(Signed) JOHN W. EVANS } Auditors.
J. PAUL DE CASTRO }

Examined and compared with the vouchers, and found correct.

LIABILITIES.		£	s.	d.	ASSETS.		£	s.	d.
Owing for Editor's Honorarium (1908)	.	10	10	0	Balance at Bank
" G. Savigar for care of Stock (1908)	.	1	1	0	" in Office	.	.	.	37 4 1
" Do. for postage (1908)	.	0	4	6	Consols (£750 19s. 10d., valued at £84)	.	.	.	0 13 9
" Hon. Secretary for postage (1908)	.	0	7	5	Sale of Publications—	.	.	.	630 0 0
" Hon. Treasurer " (1908)	.	0	9	3	Owing from Publishers	.	.	.	26 4 6
Balance of assets over liabilities	.	696	18	7	" G. Savigar	.	.	.	10 3 5
					Subscriptions in arrear, valued at	.	.	.	36 7 11
									5 5 0
									<u>£709 10 9</u>

The number of Life Members on December 31, 1908, was 51.

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

March 19, 1909.