

PROCEEDINGS
OF THE
MINERALOGICAL SOCIETY OF GREAT
BRITAIN AND IRELAND.
1881.

EXCERPT MINUTES OF COUNCIL MEETING

Held at the Albert Rooms, Stonygate, York, Sept. 2nd, 1881.

PROF. M. F. HEDDLE, F.R.S.E., President, in the Chair.

The following gentlemen were duly elected Members of the Society.—

JAMES BRENNER, Esq., M.A., Dundee.

J. A. HARVIE BROWN, Esq., Dunipace, Scotland.

R. F. MALLEY, Esq., Geol. Survey, India.

MONS. F. MICAULT, St. Brienc, France.

The following resolution was adopted.

“That the authors of all papers which are printed in the Magazine shall in future defray one third of the cost of all such coloured illustrations of their papers as have been approved by the Editing Committee, but that there shall be nothing in this resolution to prevent an author from withdrawing such illustrations, if he considers the estimate to be excessive; nor shall there be any thing which shall prevent the Editing Committee on the one hand, or the author on the other, from undertaking the whole cost of such illustrations in the event of there being any difficulty, or difference of opinion, as to the estimate; it being always understood that the question of admission of all such illustrations is to be determined by the Editing Committee, subject, of course, to the ultimate decision of the Council.”

THE SIXTH ANNUAL GENERAL MEETING OF THE SOCIETY

*Was held on the 2nd of September, 1881, at 4 p.m., at the Albert
Rooms, Stonygate, York.*

PROF. M. F. HEDDLE, F.R.S.E., President, in the Chair.

The Minutes of the last two Meetings of Feb. 15th and March 30th were read and confirmed.

The Auditor's certificate of the scrutiny of the balloting papers for Council and Officers was read, and the following were declared duly elected for the ensuing year,

President—W. H. HUDLESTON, M.A., J.P., F.G.S.,

Council—T. DAVIS, F.G.S.,

JAS. GEIKIE, F.R.S.,

M. HAWKINS JOHNSON, F.G.S.,

H. LOUIS, Esq.

REV. W. W. PEYTON,

in place of Messrs. Collins, Flight, Greene, Hudleston and Scott.

General Secretary—R. H. SCOTT, F.R.S.

On the motion of Mr. Greg, seconded by Mr. Sorby, the warmest thanks of the Society were unanimously tendered to Dr. Heddle for his services as President during the last two years.

The following Report of the Council for the past year was read and adopted.

“The Society has now completed the fifth year of its existence, and its numbers show a slight improvement, though their total remains, as in the last two years, at 172.

“The number of ordinary members has been increased by two, whilst that of the Associates has been diminished by an equal amount.

“The precise figures at present are :

Corresponding Members	24
Ordinary Members	. 126
Associates 22

Total 172

“The balance sheet, which appeared with Part 20 of this Magazine, exhibits a balance in the Treasurer's hands of £42 4s. 3d., but the statement of assets and liabilities shows that since the date of the last balance sheet the expenditure on printing has been larger than was justified by the

condition of the Society's finances. The debt to our printers, outstanding on Dec. 31st, 1880, has been increased by more than £100 during the year, standing at £230 16s. 6d., instead of £129 10s. 3d. as in the accounts for 1879.

“It is true that the sale of the Magazine has produced £40 6s. during the year 1880, whereas only £15 8s. was realised from the same source in 1879. The Council may, therefore, assure the members that they have put down the value of the stock in hand of the Magazine at a very low estimate (one third of its selling price) when they have entered £185 for this item as a set off against the printer's account.

“They have, however, deemed it advisable to restrict, temporarily, the issue of the successive parts of the Magazine, and, accordingly, only three instead of four parts have appeared since the last Annual Meeting; viz., No. 18 in Sep. 1880, No. 19 in April, and No. 20 in August 1881.

“They determined in December last that the price of the yearly series of the Magazine shall be at least equal to the amount of the yearly subscription of the Members.

“By a continuance of judicious economy in the department of printing, the Council feel confident that they will be able to replace the Society in a satisfactory financial position, as a considerable sum has been paid to the printers during 1881, and the amount due to them, after the issue of Part 20, is only £153 12s. 1d., while the cash in hand is £74 15s. 9d., and the outstanding bills, exclusive of printing the Magazine, do not exceed £6.

“The chief contributor to the Magazine has been our President, whose paper on “The Geognosy and Mineralogy of Sutherland,” in continuation of its predecessors on Shetland, Orkney, and Caithness, occupies the greater part of two of the numbers which have appeared during the year.

“As soon as this paper is completed, a geological map of the county will be issued, which has been drawn by Prof. Heddle upon a map prepared from original survey and engraved for the Duke of Sutherland, K.G. The Council are in a position to say that this map, which will be sold to non-members at the price of a guinea, will be distributed to the actual Members and Associates at the time of its appearance *gratis*, as a part of the Magazine.

“The only other paper calling for special notice has been a further contribution from Mr. Collins “On Cornish Tinstones and Tin Capels,” which appeared in Part 18.

“In conclusion, the Council have to report that the Society has sustained a severe loss in the resignation by Mr. J. H. Collins of the combined offices of General Secretary and Editor of the Magazine, which he has filled with such advantage to the Society ever since it was first founded in 1876.

"It was mainly by Mr. Collins' efforts that the Society was brought into being, and it is to his untiring energy that its present position is almost exclusively due. His resignation became inevitable owing to his acceptance of a post connected with the Rio Tinto Mines in Spain, which necessitated his residence out of England. The Council have as a temporary measure requested Mr. R. H. Scott to act as General Secretary for the present, and have entrusted the editorial functions to a committee of five Members, including the President and General Secretary."

(Signed) M. F. HEDDLE, President.

The President then called on Mr. Greg to move his proposed change in Rule 17, of which notice had been duly given.

Mr. Greg proposed and Mr. Sorby seconded the following alteration of Rule 17.

"At meetings of the Council three shall be a quorum, of whom one shall be either the President, one of the Vice-Presidents, or the General Secretary."

The alteration was put to the vote and carried unanimously.

The President proposed, and Mr. Dudgeon seconded the following addition to Rule 24.

"All expenses incurred at local meetings are to be defrayed by the Members who take part therein."

This addition was also carried unanimously.

Mr. Scott proposed, and Mr. Walker seconded the following addition to Rule 31.

"The name of any Member or Associate whose subscription is more than three years in arrear shall, after intimation to said Member, be erased from the list of the Society, but the person expelled shall have a right of appeal, as provided by Rule 28."

This addition was also carried unanimously.

The General Secretary then read a paper by Prof. A. Liversidge "On a peculiar copper ore from Coombing Copper Mine, New South Wales."

The President and other Members expressed their agreement with the Author of the paper that the substance was not a specific ore but only a mixture, and Dr. Trechmann pointed out that if so much silica was present as had been found the mineral should be translucent in thin slices.

Mr. P. Dudgeon read a paper "On the occurrence of 'Linarite' in Slag."

Mr. Sorby pointed out the very great interest which attached to the discovery of minerals formed under conditions of which we knew something, such as those found in furnace products.

Mr. P'Anson read a joint paper by himself and Mr. E. A. Pankhurst "On Artificial forms of Silica," illustrated by a series of preparations.

The President stated that he considered the paper to be one of the most interesting he had heard for a long time. He himself had studied Agates for many years, and he possessed a collection of over 5000 specimens. His friend, Mr. Dudgeon, had also a very large collection.

The paper gave rise to considerable discussion, and Dr. W. Lant Carpenter stated that he had produced a deposit of Silica of considerable hardness by precipitation from an Alkaline Silicate.

Dr. Trechmann read a preliminary "Note on a new occurrence of Epistilbite."

The General Secretary read a note by Mr. W. Terrill "On Artificial Crystals of Specular Iron, found in a Copper works Slag."

EXCERPT MINUTES OF COUNCIL MEETING,

Held at 116, Victoria Street, Dec. 14th, 1881.

W. H. HUDLESTON, Esq., F.G.S., President, in the Chair.

The following gentlemen were duly elected Members.

H. BAKER, Esq., F.C.S., Manchester,

R. FLEMING, Esq., 1, Exchange Place, Dundee.

Resolved—"That the Geological Map of Sutherlandshire, prepared by Professor Heddle, be issued as part 21 of the Magazine."

A GENERAL MEETING OF THE SOCIETY

Was held on Wednesday, December 14th, 1881, at 116, Victoria Street, at 8 p.m.

W. H. HUDLESTON, F.G.S., President, in the Chair. 9 Members were present.

The minutes of the Annual General Meeting at York, Sept. 2nd, were read and confirmed.

The Secretary read the following paper "On some minerals from the Sodalite Syenite of Julianshaab District, South Greenland," by Johann Lorenzen, Communicated by Prof. Johnstrup (Foreign Member).

The President announced that two visitors were present from the Kimberley Mine, South Africa, Messrs. E. Baring Gould and Porter Rhodes, and he invited them to give an account of the working of the mine.

Mr. Porter Rhodes exhibited a model of his Great Diamond, weight 152 carats, and several specimens of diamonds, as well as of the "reef," the diamantiferous matrix, with crystals imbedded in it.

Mr. Baring Gould exhibited photographs of the workings of the mine.

An interesting conversation ensued, and the President in closing the meeting expressed the warm thanks of the Society to their visitors of the evening, for the very interesting communication they had made.

Mr. Rudler exhibited a specimen of native copper from the sinter of a geyser in Iceland.

EXCERPT MINUTES OF COUNCIL MEETING.

Held at 166, Victoria Street, March 23rd, 1882.

W. H. HUDLESTON, F.G.S., President, in the Chair.

The audited Balance Sheet for the past year was submitted, and ordered to be printed for distribution to the Members.

The following gentlemen were duly elected Members.

ALEXANDER DAVIDSON, Esq., Fergus Place, Kirkcaldy, Fifeshire.

RIDLEY HENDERSON, Esq., 9, Bush Lane, Cannon Street, E.C.

ALEXANDER HUTTON, Esq., Royal Bank, Arbroath.

COLIN LIVINGSTON, Esq., Fort William, N.B.

GEORGE TATE, Ph. D., F.G.S., College of Chemistry, Liverpool.

ASSOCIATE:

H. F. COLLINS, Esq., Royal School of Mines.

Abstract of Receipts and Payments of the Mineralogical Society, for the Year 1881.

Dr.		RECEIPTS.		Cr.		PAYMENTS.	
	£	s.	d.		£	s.	d.
Balance on January 1st, 1881	42	4	3	Printing and Illustrations	199	12	6
Subscriptions for 1882	5	10	0	Expenses incidental to Meetings	0	7	6
1881	90	18	0	Chemical Expenses	6	17	6
previous years	31	15	0	Postage and Parcels	10	13	9
Life Compositions (?)	73	10	0	Investments	51	11	11
Entrance Fees	17	17	0	Sundry small items	3	8	6
Sale of Publications (exclusive of Publisher's Sale)	12	19	2	Balance in hand and at Bank	5	8	8
Dividends and other small items	3	6	11				
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	£278	0	4				

BENEDICT KITTO.
F. W. RUDLER.

Examined and found correct.

March 6th, 1882.

LIABILITIES.		ASSETS.					
	£	s.	d.		£	s.	d.
Leake & Leake, Printing	121	1	3	Subscriptions for 1881, unpaid	22	15	0
Wightman & Co., Printing	1	19	0	prior to 1881, —	12	12	0
Heard & Son, Printing	0	18	0	New Three per Cent. Annuities, at Par	136	12	3
Subscriptions paid in advance	5	10	0	Stock of Publications, valued at average Annual Sale	36	19	0
Excess of Assets over Liabilities	111	14	4	Publications sold by Publishers (amount unpaid)	26	10	8
	<hr/>			Cash at Bank	0	17	4
	£240	17	7	Petty Cash in hand	4	11	4

Signed { BENEDICT KITTO.
F. W. RUDLER.