

EXCERPT MINUTES OF COUNCIL MEETING

*Held in the Lecture Theatre of the Museum of Practical Geology,
December 23rd, 1880.*

PROFESSOR M. F. HEDDLE, F.R.S.E., President, in the chair.

The following gentlemen were duly elected as ordinary members :

JAMES CUNNINGHAM, Esq., of Broughty Ferry.
BAXTER GRAY, Esq., of Broughty Ferry.
H. B. GUPPY, Esq., of Falmouth.
R. SHAW SIMPSON, Esq., of Broughty Ferry.
STEPHEN VIVIAN, Esq., of Mwyndy, Llantrissant.

It was Resolved—That Prof. F. J. Wiik, of Helsingfors, be elected a corresponding member.

Resolved—That the estimate of Messrs. W. and A. K. Johnston, for printing the geological map of Sutherland, prepared by Dr. Heddle, be accepted, and that the map be published at one guinea to non-members, and issued as a number of the magazine to members and associates.

Resolved—That the price attached to each yearly issue of the Magazine, or to its parts, be such as at least to equal the yearly subscription of a member of the Society.

 GENERAL MEETING.

*Held in the Lecture Theatre of the Museum of Practical Geology,
December 23rd, 1880.*

PROFESSOR HEDDLE, F.R.S.E., President, in the chair.

The following papers were read :—

- “On *Tyrocite*,” by the President.
- “Note on *Gilbertite*,” by Mr. J. H. Collins.
- “On *Brochantite*,” by W. Semmons.
- “On a remarkably fine crystal of *Euclase*,” by M. Guyot.
- “On the action of organic acids on minerals,” by Prof. H. C. Bolton.
- “Note on artificial *Gay Lussite*,” by C. Rammelsberg.

EXCERPT MINUTES OF COUNCIL MEETING

*Held in the Lecture Theatre of the Museum of Practical Geology,
February 15th, 1881.*

PROF. A. H. CHURCH, F.C.S., in the chair.

The following gentlemen were duly elected as ordinary members.

JAMES BRYANT, Esq., Truro.
T. G. GIBB, Esq., Lewisham.
H. M. PLATNAUER, Esq., the British Museum.
W. TERRELL, Esq., F.C.S., Swansea.
THOMAS WARBURTON, Esq., F.G.S., Canonbury, N.
T. W. WATSON, Esq., Pall Mall, London.

The General Secretary submitted the Audited Balance Sheet for 1880, and the statement of Assets and Liabilities, as appended, (p. xx) which were adopted.

The General Secretary, Mr. J. H. Collins, then resigned his office, as well as that of editor of the magazine, in consequence of his acceptance of a post at the Rio Tinto Mines, in Spain, which necessitated his residence out of England. The Council *resolved* to recommend that Mr. R. H. Scott, be invited to act as General Secretary, *pro tempore*.

It was also Resolved—That Messrs. Church, Hudleston, and Rudler, be requested to act as an Editing Committee, with the President and General Secretary.

It was Resolved—That Mr. Rudler be requested to take charge of the books belonging to the Society, and that any members requiring the use of the same be directed to apply to him.

GENERAL MEETING.

*Held in the Lecture Theatre of the Museum of Practical Geology,
February 15th, 1881.*

MR. R. H. SCOTT, F.R.S., in the chair.

The minutes of the Council Meeting, held on the same day, were read, and it was announced that the Council had accepted the resignation by Mr. J. H. Collins of the post of General Secretary and Editor of the Journal, under the circumstances detailed in the Council Meeting.

It was proposed by Mr. Rudler, and seconded by Mr. M. Hawkins Johnston, and carried unanimously,

“That the thanks of the Mineralogical Society be tendered to Mr. J. H. Collins, for his valuable services as General Secretary, in connexion with the formation and management of the Society.”

It was Resolved—That Mr. Scott be requested to act as General Secretary, until the next Anniversary Meeting, and that Professor Church, Mr. Hudleston, and Mr. Rudler, be requested to act as an Editing Committee with the President and General Secretary.

Mr. Scott announced his readiness to discharge the duties proposed to be entrusted to him until the next Anniversary Meeting.

GENERAL MEETING.

Held at the High School, Dundee, March 30th, 1881, in conjunction with a meeting of the Dundee Naturalists' Society.

PROFESSOR M. F. HEDDLE, President, in the chair.

A collection of minerals from Colorado, was exhibited by Mr. G. S. Mackenzie. This collection contained fine specimens of *Microcline* and *Actinolite*; the latter was of so fine a green colour as to lead to the belief that it must contain Cr. Ni. or Cu. None of these, however, had been detected by Mr. Mackenzie, who had analysed it, and was of opinion that the colour was of an organic nature.

Mr. Frank Young of the Naturalists' Society, then submitted a number of minerals collected in the South Sea Islands. Among these the most interesting was a copper mineral, closely resembling the mineral from Pisco, exhibited at a late meeting of the Society, by Mr. W. Semmons, which he had found to be intermediate between Brochantite and Cyanotrichite. Kupfernickel was also among the specimens.

Mr. Irving, the President of the Naturalists' Society, then took the chair, when Dr. Heddle delivered an address “On the scenery of the Northern Counties of Scotland, in connexion with their Geological and Petrological Formation.” In this address the varieties of rock sculpture and the hill forms were shown to be dependent on the mutual relationships of the strata—the nature of the rocks themselves, and the diversity of their disintegration under the action of the forces of decay.

The lecture was illustrated by diagrams and drawings of the more remarkable Sutherland hills and the scenery in which they stand, made by Professor Heddle. Considerable interest was taken in a proof copy of the new Geological map of Sutherland which is to be published by the Mineralogical Society.

DONATIONS OF BOOKS TO JULY 11TH, 1881.

- From *Prof. Dana*, Newhaven.
The American Journal of Science for Nov. and Dec., 1880; and Jan., Feb., March, April, May, and June, 1881.
- From the *Academy of Natural Sciences*, Philadelphia.
Proceedings of the Academy, parts I, II, & III. 1880.
- From the *Soc. Minéralogique de France*.
Bulletin, Nos. 7 and 8, 1880; and 1 to 6, 1881.
- From the *Soc. Géologique de Belgique*.
Annales. tome VI, 1878-9.
- From *Prof. Tschermak*, Vienna.
Mineralogische und petrographische Mittheilungen, Neue Folge, Bd. III, Hefte IV. V, VI; and Bd. IV, Heft I.
- From *Prof. Groth*, Strassburg.
Zeitschrift für Krystallographie und Mineralogie, Bd. V, Hefte 1, 2, 3 and 4.
- From the *Real Comitato Geologico, Italia*.
Bollettino, Nos. 10, 11 and 12, 1880; and No. 1 and 2, 1881.
- From the *Società Toscana di Scienze Naturali*.
Processi Verbali, 9th January to 8th May, 1881, and Memorie, IV, fasc. 2.
- From the *Administration of Mines of Finland, through M. Furuohjelm, Helsingfors*.
Sheets I. and II. of the Map of the Geological Survey of Finland with description.
- From the *Bristol Naturalists' Society*,
Proceedings, new series, vol. III. Part 1, 1879.
- From *Dr. C. Le Neve Foster, B. A., F.G.S.*
The Mineral Statistics of Victoria, 1880, and Reports of Mining Surveyors of Victoria for Quarter ending 31st December, 1880.
- From *Prof. Liversidge, F.G.S.*, Sydney.
On some New South Wales Minerals.
On the composition of some New South Wales Coals.
On some Minerals from New Caledonia.
On the composition of some Wood enclosed in Basalt.
On Water from Hot Springs, New Britain and Fiji.
On the composition of some Coral Lime-stones from the South Sea Islands.
On the action of Sea-water upon Cast-iron. *All by the donor.*
- From *F. R. Mallet, Esq., F.G.S.*, Calcutta.
On Cobaltite and Danaite from the Khetri Mines, Rájputána, with some remarks on Jaipurite (Syepoorite); and on the occurrence of Zinc-ore with barytes in the Kainul district, Madras.
Both by the donor.
- From *M. E. Wadsworth, Esq.*, Cambridge, Mass.
On the occurrence of Gold in Maine, and on the Peridotite of Iron Mine Hill, Cumberland, Rhode Island. *By the donor.*
- From *Henry Carvell Lewes, Esq.*, Philadelphia.
On Philadelphiaite. *By the donor.*

- From *Dr. Otto Luedecke, Halle.*
 Ueber Reissit; ueber Reinit; Mesolith und Skolezit; Der Glaukophan und Glaukophan-führenden Gesteine der Insel Syra; Ueber die jungen Eruptivgesteine Süd-Thüringens; ueber einen Anorthitbasalt vom Fuji-no-yama in Japan; Krystallographische Beobachtungen. *All by the donor.*
- From *Prof. Sandberger, Würzburg.*
 Zur Naturgeschichte der Rhön; Ueber den Urangehalt von Primitivsilicaten und die daraus entstehenden Uranminerale; and Ueber der Bildung von Erzgängen. *All by the donor.*
- From *M. Emile Bertrand, Paris.*
 Etude optique de différents minéraux; and De l'application du Microscope à l'étude de la Mineralogie. *Both by the author.*
- From *Prof. Capellini, Bologna.*
 Rapports des Commissions Internationales: Congrès Géologique International, Bologne, 1881.
- From *J. H. Collins Esq., F.R.S., Rio Tinto.*
 Recent Mineralogical Analyses from the Laboratory of the Royal Institution of Cornwall, *by the donor*; Prof. Abel on Explosives; Report of the Explosives Committee; and A. Davies on Heaves and Faults.
- From *Prof. T. G. Bonney, M.A., F.R.S.*
 The Pre-cambrian Rocks of Charnwood Forest, Parts II and III. *By the donor.*
- From *Signor Spesia.*
 Sul Calcare albitifero dell'Argentara.
- From the *Sociedad Científica Argentina, Buenos Ayres.*
 Annales for Aug., Sep., and Nov., 1880.
- From *Messrs. Brush and Dana.*
 Mineral Localities, IV Spodumene, at Branchville, Con., U.S.A. *By the donor.*
- From *Dr. James Hector, F.R.S., Wellington, N.Z.*
 Handbook of New Zealand, *by the donor*; and 12th Annual Report of the N.Z. Institute.
- From *M. L'Abbe Renard, Brussels.*
 A number of Mineralogical Papers by L. Siptoes, E. Ludwig, A. Schrauf, W. Sinida, and Prof. Wartha.
- From *M. Delesse, Paris.*
 Sur les Etudes de Géologie agronomique aux Etats-Unis. *By the donor.*
- From *Prof. Rammelsberg, Berlin.*
 Ueber einige neue Producte der Sodafabrikation. *By the donor.*

