

EXCERPT MINUTES OF COUNCIL MEETING,

Held at 116, Victoria Street, October 21st, 1879.

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

The Secretary reported the death of Prof. B. von Cotta, one of the corresponding members of the Society, when it was

Resolved:—That the Foreign Secretary be requested to write a letter of condolence to the family of the late Professor.

The following resolutions were also passed *nem. con.*

Resolved:—That Prof. Sella be elected a corresponding member of this Society in place of the late Prof. B. von Cotta.

Resolved:—That Mr. Collins be requested to continue to edit the Magazine for the forthcoming year, and to accept of the honorarium of Twenty Pounds.

Mr. Henry Louis, Assoc. R.S.M. of Derwent House, Derwent Road, Anerley, was elected as an ordinary member. Mr. James Smith, of Bridge Street, Manchester, was elected as an Associate.

 GENERAL MEETING.
Held at 116, Victoria Street, London, W., October 21st, 1879.

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

The Minutes of the Sheffield Meeting were read and confirmed, and the President expressed his thanks to the members for his election.

The following papers were read and discussed—

On the Mineralogy and Geognosy of the Orkney Islands, Part I., by the President.

On a probably Dimorphous form of tin, and on some crystals found associated with it, by Dr. C. O. Trechmann and Mr. J. H. Collins.

On a peculiar pasty form of Silica from a cavity in gold-bearing quartz by Mr. A. French.

On some Cornish Tin-stones and Tin-capels, by Mr. J. H. Collins.

Experiments on the Elasticity of Crystals, by Prof. John Milne.

Mr. Watson, of Pall Mall, exhibited and explained his new Microscopes for Petrological research.

A vote of thanks was passed to Mr. R. H. Scott for his kindness in permitting the use of his rooms for the Meeting.

BOOKS RECEIVED.

- From *Prof. Jas. D. Dana*, Newhaven. *American Journal of Science*.—November and December, 1879.
- „ *Prof. D' Achiardi*, Pisa. *Atti della Soc. Tosc. di Sci. Nat. Proc., Verb. Vol. II.* pp. 1-16.
- „ *Prof. Groth*, Strasburg. *Zeit. für Kryst. und Min.* Band IV, Heft. 2.
- „ *Soc. Geol. de Belg.* Liege. *Annales*, tome V. 1877-8.
- „ *Reale Comitato Geologico*, Rome. *Bolletino*, 9 and 10, 1879.
- „ *Soc. Cientif. Argentino*, Buenos Ayres. *Annales*, September to November, 1879.
- „ *A. W. Howitt*, Gippsland. *The Diorites and Granites of Swifts Creek and their contact zones, with notes on the auriferous deposits.*
- „ *F. R. Mallet, F.G.S.* *On Corundum from the Khâsi Hills.*
- „ „ *On Mysorin and Atacamite from the Nillore District.*
- „ *A. Damour*, Paris. *Sur une obsidienne de l'Inde qui a éclaté avec détonation au moment où on la sciait.*
- „ „ *Note sur un moyen de résoudre synthétiquement plusieurs des principales questions de cristallographie, by G. Delafosse.*
- „ „ *Géogénie des minerais calaminaires de zinc, plomb, et fer en gîtes irréguliers, by M. J. Delanoüe.*
- „ „ *Sur la densité de quelques substances (quartz, coryndon, métaux, &c.) après fusion et refroidissement rapide, by M. Charles St. Clair Deville.*
- „ „ *Note sur la double réfraction artificiellement produite dans des cristaux du système régulier, by M. Wertheim*
- „ „ *Sur l'Apatite, la Wagnerite et quelques espèces artificielles de phosphates métalliques, by M. M. St. Clair Deville and H. Caron.*
- „ „ *Sur les soufflures de l'Acier, by H. Caron.*
- „ „ *Report on a Memoir by M. Hugand, entitled "Etuile cristallographique de la strontiane sulfatée."*
- P. H. Argall.* *Notes on Ancient and Recent Mining Operations in the East Ovoca District.*
- M. Delesse*, Paris. *Explosion d'acide carbonique dans une mine de houille.*