

PROCEEDINGS.
OF THE
MINERALOGICAL SOCIETY OF GREAT
BRITAIN AND IRELAND.
1879.

EXCERPT MINUTES OF COUNCIL MEETING

Held at 116, Victoria Street, London, June 3rd, 1879.

PROFESSOR T. G. BONNEY, M.A., in the Chair.

The voting papers having been examined, it was

Resolved—That the following gentlemen be elected to complete the list of Corresponding Members,—

PROF. BRUSH, Newhaven.
PROF. B. VON COTTA, Freiberg.
PROF. DAUBREE, Paris.
PROF. DESCLOIZEAUX, Paris.
PROF. DELESSE, Paris.
PROF. GEINITZ, Dresden.
PROF. F. VON KOBELL, Munich.
PROF. RAMMELSBERG, Berlin.
PROF. G. VOM RATH, Bonn.
PROF. RENAED, Brussels.
PROF. ROSENBUSCH, Berlin.
PROF. F. SANDBERGER, Wurzburg.
PROF. TSCHERMAK, Vienna.
PROF. F. ZIEKEL, Leipzig.

The following ordinary members and associates were also declared duly elected.

ORDINARY MEMBERS.

CAPT. DOWLER, 60, Maddox Street, London, W.
 MR. S. FRANCIS BAWDEN, Rio Tinto Mines, Spain.
 REV. J. E. SOMERVILLE, Broughty Ferry.
 MR. COLIN B. PHILLIPS, St. Andrews.
 MR. SAMUEL HENSON, Strand, London.
 MR. J. P. HOWLEY, St. John's, Newfoundland.

ASSOCIATES.

MR. GEO. F. TREGELLES, Falmouth.
 MR. R. J. CUNNACK, Helston.

Resolved—That the Annual Meeting be held at Sheffield, on Friday, August 22nd.

GENERAL MEETING,

Held at 116, Victoria Street, London, W.

PROFESSOR T. G. BONNEY, M.A., in the chair.

The following papers were read and discussed :—

On Abriachanite—a new Scottish mineral, by Prof. Heddle and Dr. W. H. Aitkin.

On Haughtonite—a new Mica, by Prof. Heddle.

On Bhreekite and Xantholite, by Prof. Heddle.

On some Gold Occurrences, by Rev. J. Clifton Ward.

Minerals from Japan, by John Milne.

On Christophite, from St. Agnes, Cornwall, by J. H. Collins.

Additional note on Penwithite, by J. H. Collins.

Measurements of Angles of Basaltic Columns at the Giant's Causeway, by Prof. J. H. Jellet and Prof. O. Reilly.

Specimens in illustration of their papers were exhibited by Prof. Heddle and Mr. J. H. Collins.

Mr. J. R. Gregory exhibited some fine Chalcedonic Geodes enclosing fluid, from Salto Chico, Dagracto Salto, Uruguay.

The Secretary announced that Dr. Heddle's large Geological and Mineralogical Map of the Shetland Islands was in the hands of the moulder, and would be issued to the Members as soon as completed.

Thanks were voted to Mr. R. H. Scott for the use of his office on the occasion of the meeting.

BOOKS RECEIVED TO JULY.

- From *Prof. J. D. Dana*, Newhaven. *American Journal of Science*.—May and June.
- „ *Academy of Sciences*, Philadelphia. Proceedings 1878.
- „ *Reale Comitato Geologico*, Rome. Bolletino 3 and 4, 1879.
- „ *Prof. Groth*, Strasburg. *Zeitschrift für Kryst. und Min.* Band III. Heft 4.
- „ *Rev. S. Haughton*, Dublin. *The Mineralogy of Dublin and Wicklow*.
- „ *G. H. Kinvahan*. *Quartzyte (Quartz Schist) and Quartz Rock (Greisen)*.
- „ *J. H. Collins*, Truro. *The Trelissick Elvan*, by J. H. Collins.
- „ „ „ *The Elvan Courses of Cornwall*, by A. K. Barnett.
- „ „ „ *The Elvan Courses of Cornwall*, by W. H. Argall.
- „ „ „ *A Deposit of Tin in the Park of Mines*, by Dr. C. Le Neve Foster.
- „ *Rev. J. C. Ward*, Keswick. *The Physical History of the English Lake District*, by J. C. Ward.
- „ *Prof. Sandberger*. *Beiträge zur Kenntniss der am Bauersberge bei Bischofsheim*, by Sigmund Singer.
- „ *Prof. G. Tschermak*, Vienna. *Mineralogische und Petrographische Mittheilungen*, Band II, Heft 1 and 2.
- „ *Prof. Delesse*, Paris. *Notice sur les Titres Scientifiques*, de M. Delesse.
- „ „ „ *Le fond des Mers, Etudes lithologiques*, by M. Alexis Delaire.
- „ „ „ *Gisement et exploration du Diamant dans la Province Minas Geraes au Brasil*, by Ch. Bensser and G. Claraz, abstracted by M. Delesse.
- „ „ „ *Memoire sur la constitution Minéralogique et Chimique des roches des Vosges*, by M. Delesse.
- „ „ „ *Sur les gisements de Chaux Phosphatée de l'Estramadure*, by M. Delesse.
- „ „ „ *Rapport sur un Mémoire de M. Delesse intitulé "Etude des déformations subies par les terrains de la France."* Presented to the Academy of Sciences by Messrs. Elie de Beaumont, Ch. St. Claire Deville, and Daubrée, 1872.
- „ „ „ *Cours d'Agriculture professé par M. Delesse, Ecole Nationale des Mines*, 1877-8.
- „ „ „ *Sur le porphyre de Lessines*, by M. Delesse.
- „ „ „ *Ueber die Menge des dems Kalkspath von Fontainebleau beigemengten Sandes*, by M. Delesse.
- „ „ „ *Lithologie des Meere der Alten Welt*, by M. Delesse, translated by Herr Hanchecorne, Berlin.
- „ „ „ *Cartes Géologique et Hydrologique de la Ville de Paris*, by M. Delesse.

Books received to July (continued).

- ., *Prof. Delesse, Paris.* Sur les Rapports Cristallographiques et Chimiques de l' Augite de l' Hornblende et des Minéraux analogues, par M. C. Rammelsberg; translated by M. Delesse.
- Prof. G. Vom Rath, Bonn.* Ueber das Gold, von Prof. G. von Rath; Sammlung gemeinverständlicher wissenschaftlicher vorträge XIV Serie, Heft 324 and 325.
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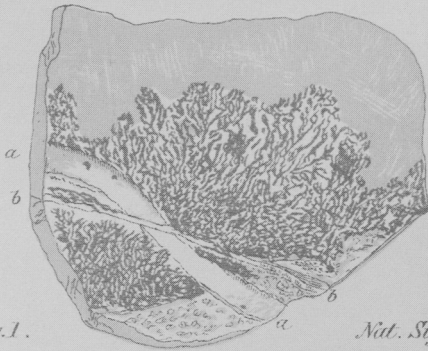


Fig. 1. Moss-form Gold in Quartz. *a a* and *b b* Secondary Quartz Veins. *Nat. Size.*



Fig. 2. Gold Thread magnified, to show shakky character.

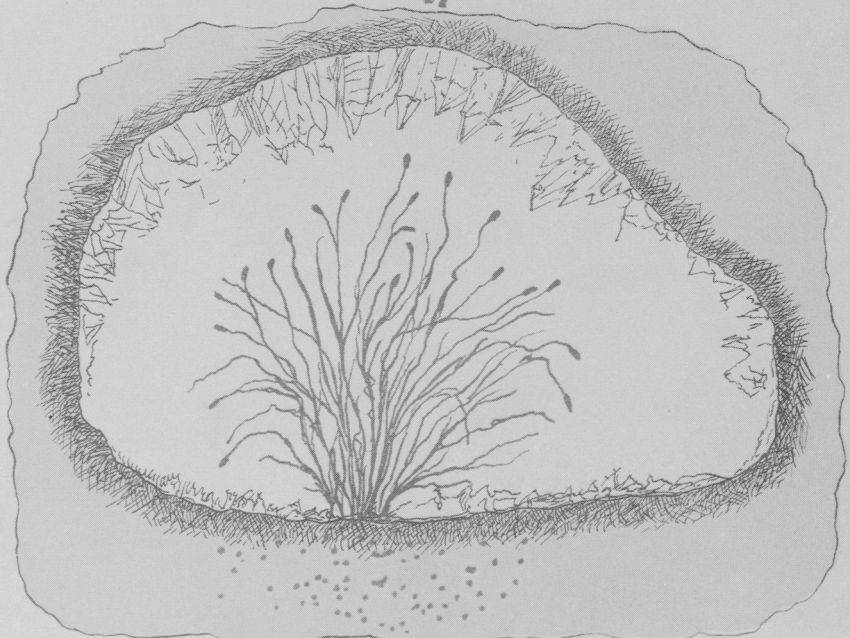
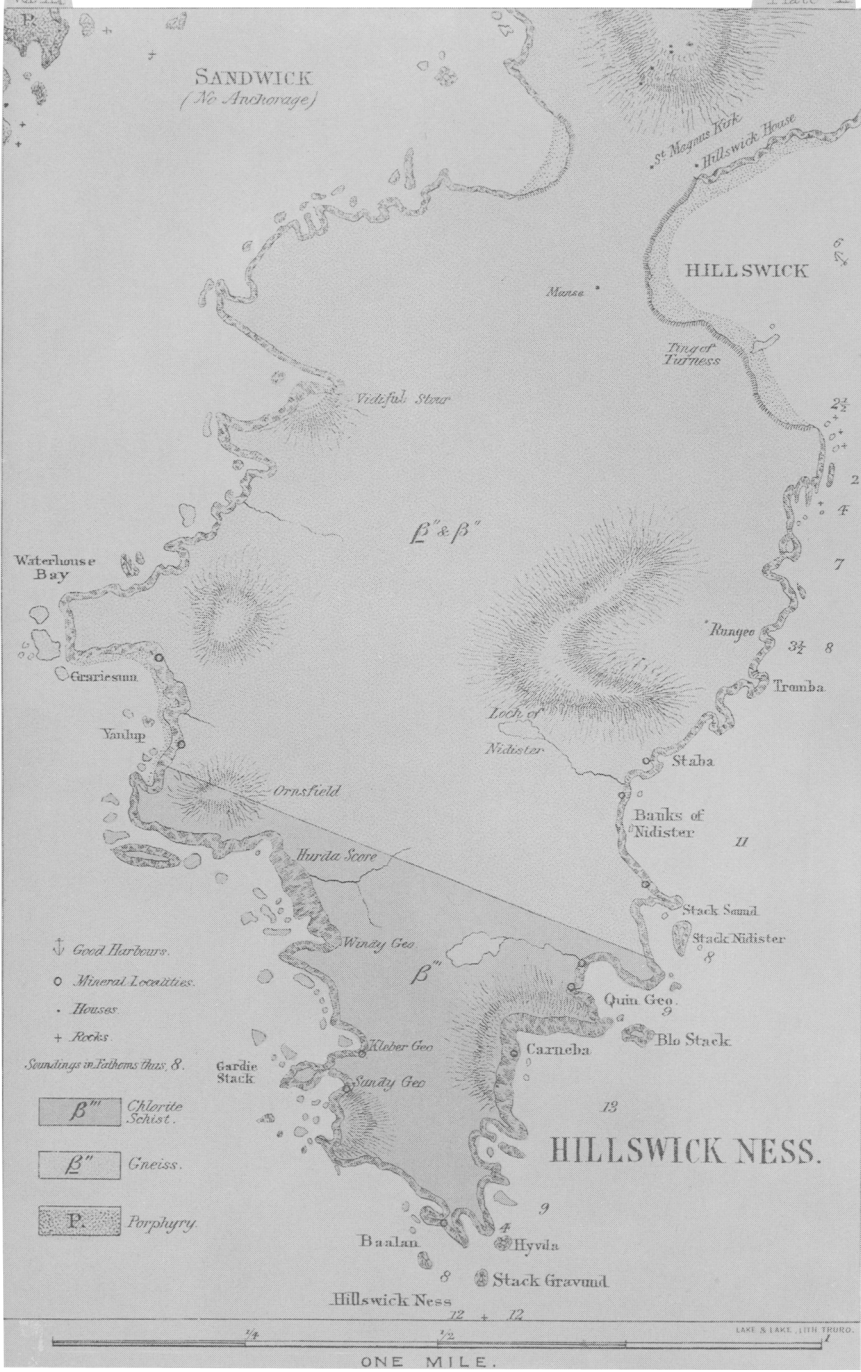
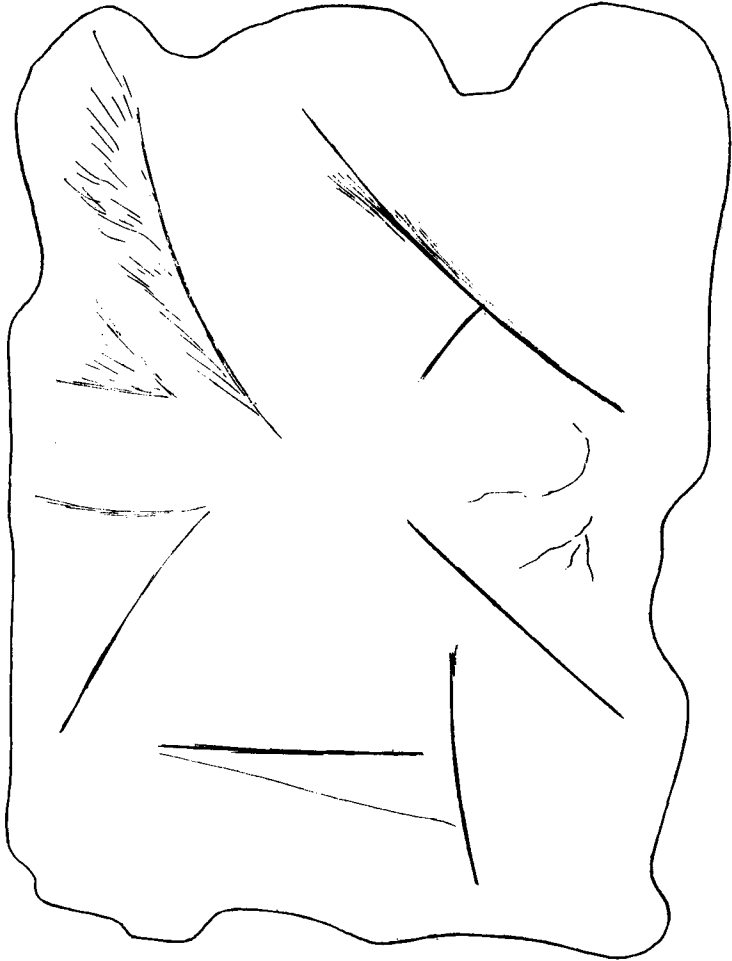


Fig. 3. Golden tree in quartz cavern about $\frac{1}{2}$ nat. size.



Copied from original partly coloured plates.

The Maxwell-Stuart Topaz.



Natural Size.

The Maxwell-Stuart Topaz.

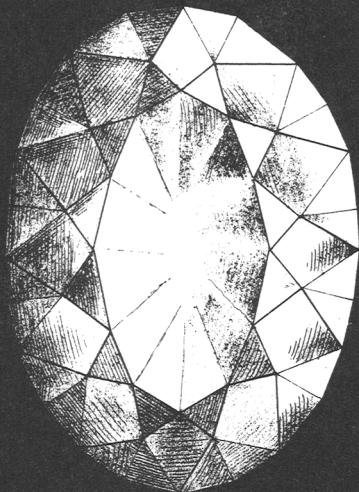


FIG. 1.

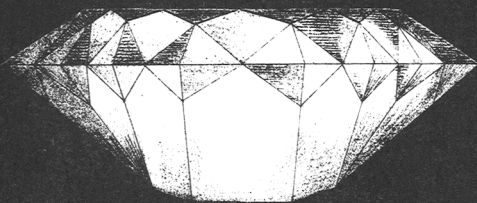


FIG. 2.

- Fig. 1. Front view. Natural size.
 Weight, $1475 \cdot 9$ or 368 Carats $3\frac{9}{10}$ Grains.
 Colour, Pure White.
 Specific Gravity, $3 \cdot 5685$.
 Locality, Ceylon.
- Fig. 2. Side view. Natural size.
 now in the possession of Mr Bryce Wright.