

MONDAY, 13<sup>th</sup> May 1889.

PROFESSOR DUNS, D.D., in the Chair.

A Ballot having been taken, the following Gentlemen were duly elected Fellows :—

THOMAS BELL of Belmont, Dundee.  
 JAMES STEWART HENDERSON, 1 Pond Street, Hampstead, London.  
 ALLAN MACNAUGHTON, M.D., Taynult.  
 GEORGE MUIRHEAD, Haddo House, Aberdeenshire.  
 THOMAS S. ROBERTSON, Architect, Dundee.  
 ROBERT SMITH, Solicitor, Dundee.

The following Donations to the Museum and Library were laid on the table, and thanks voted to the Donors :—

(1) By CHARLES BRUCE, F.S.A. Scot., Wick.

Square Crusie of iron, with four nozzles, formerly in use in a shoe-maker's workshop in Wick.

(2) By W. IVISON MACADAM, F.S.A. Scot.

Leaf-shaped Arrow-Head of flint—found on Glenree Farm, island of Arran.

(3) By The Most Hon. The MARQUIS OF TWEEDDALE, F.S.A. Scot.

Quern and small Vessel of clay, 2 inches high,  $2\frac{1}{4}$  inches diameter at the bottom and  $3\frac{1}{4}$  across the mouth—found at Kemple Bank, Carfrae.

(4) By His Highness MAHARAJA SAYAJIRAV GAIKWAIR of Baroda, through Messrs WATERSTON & SONS.

Antiquities of Dabhoi, in Gujarat, by J. Burgess, LL.D., C.I.E., Director of the Archæological Survey of India, and H. Cousens, of the Archæological Survey of Western India. Edinburgh, 1888. Folio.

The following articles, acquired by the Purchase Committee for the Museum and Library during the Session from 30th November to 13th May 1889, were exhibited :—

1. Stone Hammer of whinstone, of flattish oblong shape,  $3\frac{1}{2}$  inches in length by  $2\frac{3}{4}$  inches in breadth and  $1\frac{3}{4}$  inch in thickness, with an almost straight shaft hole 1 inch in diameter—from Abernethy, Perthshire.

2. Collection of Stone and Bronze Implements, from Denmark, comprising 120 specimens from the provinces of Sealand and Jutland.

3. Collection, consisting of thirty-six Arrow-Heads of flint, leaf-shaped ; fourteen Arrow-Heads of flint with barbs and stem—found in Aberdeenshire.

Fifteen Stone Axes, varying from 4 inches to  $7\frac{5}{8}$  inches in length—also from Aberdeenshire.

4. Nine pieces of Prehistoric Pottery, from Denmark.

5. Twelve Vessels of Pottery, from North America, of which some are from Indian mounds.

6. Polished Axe (fig. 1) of a greenish quartz or jadeite, 8 inches in length by  $3\frac{1}{4}$  inches across the cutting edge, and  $\frac{5}{8}$  inch in greatest thickness, finely made and highly polished—found on Comrie Farm, near Drummond Hill, above Aberfeldy, Perthshire. This axe, which is so remarkable for the beauty of its form and finish, belongs to the class of thin triangular and highly polished implements usually made of the hardest quartzites and diorites, and sometimes of jadeite, which are found occasionally in Britain, Brittany, and some parts of Central Europe, as noticed by Mr Evans in his *Stone Implements of Great Britain*, p. 98. The same author remarks that both with the British and Continental specimens there appears to be considerable doubt as to the exact localities whence the materials were derived from which they were formed ; and that instruments made of such beautiful and intractable materials can hardly have been in common use, but we have not sufficient ground for arriving at any trustworthy conclusion as to the purpose for which they were intended. Since the acquisition of this specimen for the Museum, another of the same peculiar stone, with almost as fine a polish and precisely of the same shape, has turned up from Dunfermline. It is un-

fortunately broken across, and 3 inches or thereby of the butt end wanting. It seems to have been slightly larger than the Drummond Hill specimen.

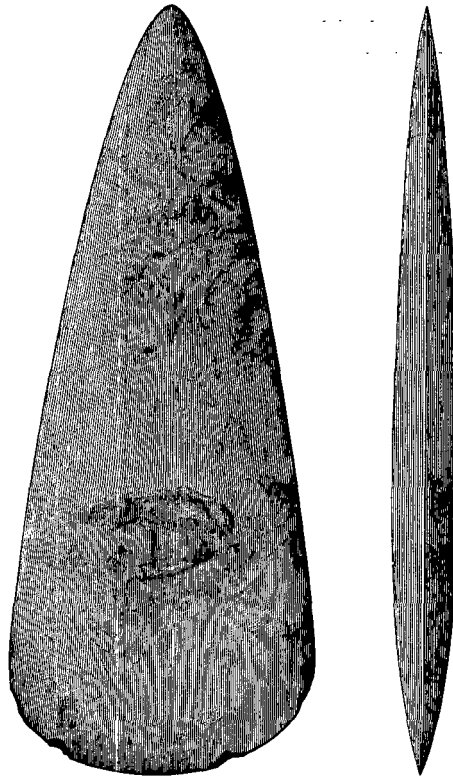


Fig. 1. Polished Axe of Jadeite, found on Drummond Hill.

7. Axe of grey sandstone,  $5\frac{3}{4}$  inches in length by  $2\frac{1}{2}$  inches across the cutting face and  $1\frac{1}{2}$  inch in greatest thickness, the middle section a long oval, the butt end bluntly rounded—found at Pitcullie, Fife.

8. Eight Stone Arrow-Heads and four Stone Axes, from North America.

9. Halfpenny of Alexander III.; Halfpenny of Richard II.; Jetton of James VI. and Prince Charles; Rothesay Mills One-and-eightpence.

10. Four Copper and two Bone Pins and Needle—from North Uist.

11. Eight Collections of Flint and Stone Implements, from the Culbin Sands, about 300 specimens.

12. Three Collections of Flint and Stone Implements, from Glenluce Sands, about 100 specimens.

13. Original Letter from Mary Queen of Scots to Torquil M'Leod of the Lewis:—

Torquill M'Cloyd, we grete you wele. We ar informit that sum of the Ilis ar desirous to have you allyat to thame be mareage, and becaus ye have that honour to be of the Stewartis blude, we thocht expedient to gif you advertisement that it is our will and plesour that ye allyat yourself to na party in mareage without our avys, and quhill we declair our opinoun and mynd to yourself thair-ament. Subscrivit with our hand at Inverary the xxiii of Julij 1563.

MARIE R.

14. Pre-Reformation Churches in Fife and the Lothians. By J. Russell Walker, Architect, F.S.A. Scot. Vol. I. Fife. Edinburgh, 1889. Folio.

15. Words and Places; or Etymological Illustrations of History, Ethnology, and Geography. By Isaac Taylor, M.A. London, 1882. 8vo.

A Short History of the English People. By John Richard Green. London, 1885. 8vo.

The Human Species. By A. de Quatrefages. London, 1881. 8vo.

Man before Metals. By N. Joly. London, 1883. 8vo.

Anthropology: An Introduction to the Study of Man and of Civilisation. By Edward B. Tylor. London, 1881. 8vo.

Anthropology. By Dr Paul Topinard. With Preface by Professor Paul Broca. London, 1878. 8vo.

Lectures on the Origin and Growth of Religion as illustrated by the Religions of India. The Hibbert Lectures, 1878. By F. Max Muller. London, 1882. 8vo.

Lectures on the Origin and Growth of Religion, as illustrated by the Religion of the Ancient Babylonians. By A. H. Sayce. The Hibbert Lectures, 1887. London, 1887. 8vo.

Asgard and The Gods; The Fables and Traditions of our Northern

Ancestors. Adapted from the Work of Dr W. Wagner. London, 1886. 8vo.

Epics and Romances of the Middle Ages. Adapted from the Work of Dr W. Wagner. London, 1884. 8vo.

Sigfried Arminius and other Papers. By Gudbrand Vigfusson and F. York Powell. London, 1886. 8vo.

Grundtvig's Danske Kaempeviser, Andet Oplag. Kobenhavn, 1875. 12mo.

St Patrick's Purgatory; an Essay on the Legends of Purgatory, Hell, and Paradise current during the Middle Ages. By Thomas Wright. London, 1844. 8vo.

The Civilisation of Sweden in Heathen Times. By Oscar Montelius, Ph.D. London, 1888. 8vo.

There were also Exhibited:—

(1) By Sir ALEXANDER CHRISTISON, Bart.

Finely polished Stone Axe of porphyritic stone,  $9\frac{1}{2}$  inches in length by  $2\frac{3}{4}$  inches across the cutting face, slightly oval in the cross section in the middle of its length, and tapering upwards to a bluntly conical butt—found in Shetland.

Polished oval Knife of porphyry,  $9\frac{1}{4}$  inches in length by 5 inches in greatest breadth, flat on one side, slightly rounded on the other—found in Shetland.

Lamp of steatite, oval in shape, pierced with two holes for suspension at the extremities, and measuring  $5\frac{3}{4}$  inches in extreme length,  $3\frac{1}{2}$  inches in breadth, and  $1\frac{1}{4}$  inch in height, the bottom rounded, the upper part having a shallow oval space hollowed out about half an inch in depth, and measuring  $3\frac{5}{8}$  inches in length by 3 inches in width, in which there was set a circular stone support for the wick (now lost), having the shape of a whorl, with a small circular hole through the centre.

Stone Axe of greenstone, 5 inches in length, the lower part polished, the upper part roughly chipped, and held in the loop of a withe by gum (now gone), the handle thus formed being 13 inches in length—from Australia.

(2) By JAMES SHAND, Union Bank of Scotland.

Charm Stone, being a water-worn pebble, used in Shetland not long ago for the cure of barrenness in women. The stone was placed in a drinking cup, and the water poured upon it was drunk by the patient with implicit faith in the potency of the remedy.

Seven stone Whorls of different sizes—from Shetland.

(3) By Rev. J. B. MACKENZIE, F.S.A. Scot., Kenmore.

Album of over 150 prints from photographic negatives, taken by himself, from Sculptured Stones and Ecclesiastical Remains in Argyleshire.

The following Communications were read :—