
MONDAY, 12th May 1890.

GILBERT GOUDIE, *Treasurer*, in the Chair.

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

JOHN FERGUSON, LL.D., Professor of Chemistry, University of Glasgow.
 JOHN OSWALD MITCHELL, B.A., 69 E. Howard Street, Glasgow.
 CHARLES JAMES SPENCE, Banker, North Shields.

And the following was also balloted for, and admitted a Corresponding Member of the Society :—

Rev. JOHN M'LEAN, Grantully, Aberfeldy.

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

(1) By HUBERT PATON, 14 George Square.

Wooden Yoke, found in a peat-moss at Lochnell, Argyleshire.

¹ *New Statistical Account*, vol. xiii. pp. 382, 386.

² *Collections on the Shires of Aberdeen and Banff* (Spalding Club), vol. ii. p. 189.

³ Lockhart, *Church of Scotland in the Thirteenth Century*, p. 51.

⁴ *Old Statistical Account*, vol. xix. p. 296.

(2) By JOHN ANDERSON M.D., LL.D., F.S.A. Scot.

Five Vessels of Aino Pottery from Japan. Of these two are tall thin-lipped vessels with slightly bulging sides. In form and ornamentation they bear considerable resemblance to the British form of "drinking-cup" urns.

(3) By A. J. S. BROOK, F.S.A. Scot.

Facsimile of a Highland Brooch in brass, $5\frac{1}{8}$ inches in diameter, ornamented with circular panels of interlaced work, leafage, and triangles containing triquetras.

(4) By ARTHUR ANDERSON, C.B., M.D., F.S.A. Scot.

Flat Axe of Copper, $4\frac{3}{4}$ by $2\frac{1}{2}$ inches—found in the grounds of the Hydropathic at Pitlochry.

(5) By JOHN TRAILL of Woodwick, F.S.A Scot.

Collection of Implements of stone and bone and Fragments of Pottery obtained from the further excavation of the Mound at Howmae, North Ronaldsay. [See the subsequent paper by Mr Traill.]

(6) By W. J. HARVEY, F.S.A. Scot., the Author.

Genealogy of the Family of Harvey. 4to, pp. 18. Privately printed.

(7) By DUNCAN CAMPBELL and ALEX. MACBAIRN, F.S.A. Scot.

The Highland Monthly. Vol. I., 1889-90. Inverness, 8vo., 1890.

(8) By the Right Hon. the EARL OF HADDINGTON, F.S.A. Scot.,
through Sir WILLIAM FRASER, K.C.B., LL.D., F.S.A. Scot.

Memorials of the Earl of Haddington. By Sir William Fraser, K.C.B., LL.D. 2 vols. 4to. Edinburgh, 1890.

The following articles, which have been acquired by the Purchase Committee for the Museum and Library during the Session, 30th November to 3rd May 1890, were also exhibited, viz. :—

1. Polished Axe of greenish-coloured stone, $13\frac{1}{4}$ inches in length by $4\frac{7}{16}$ inches in greatest width, with finely rounded cutting edge, and tapering to a point at the butt—locality unknown.

Axe of black basaltic stone, $10\frac{1}{4}$ inches in length by $3\frac{1}{4}$ inches in width; oval in the cross-section, with flattish sides—locality unknown.

Both these specimens were in the collection of Mr Caw, Edinburgh, about 1770.

2. Brass Collection Plate, 18 inches in diameter, with ornamental boss in centre and an illegible inscription four times repeated round the boss.

3. Old Scotch Buckle of brass, $1\frac{1}{4}$ inch square, with eight paste settings, of which two are wanting—from Braemar.

4. Two bronze flanged Axes, each $5\frac{5}{8}$ inches in length by $1\frac{7}{8}$ inch across the cutting face; the flanges lozenge-shaped, no stop-ridge.

Bronze flanged Axe, $5\frac{1}{4}$ inches in length by $2\frac{1}{16}$ inches across the cutting face; the flanges slight and tapering from the centre to each end.

Bronze flanged Axe, $3\frac{5}{8}$ inches in length by $1\frac{7}{8}$ inch across the cutting face, with projecting stop-ridge.

Three other flanged Axes of bronze of the same form and size as the last, the flanges turned over, and with deep stop-ridges—all said to have been found in the west of Scotland.

Bronze socketed Axe, $2\frac{5}{8}$ inches in length by $2\frac{1}{8}$ inches across the cutting face.

Bronze socketed Axe, $2\frac{1}{4}$ inches in length by $1\frac{3}{8}$ inch across the cutting face—both said to have been found in the west of Scotland.

5. Two silver Brooches and Finger Ring. The Brooches, which are of peculiar form, are the recent work of a "Caird" in the West Highlands.

6. Eight facsimiles of Highland Brooches in brass, made by permission of Mr John Rae, Aberdeen, from specimens in his collection, viz. :—

Brooch, $4\frac{1}{2}$ inches in diameter, ornamented with circular panels, filled alternately with interlaced ornament and floral patterns; pin wanting—from Harlaw.

Brooch, $5\frac{5}{8}$ inches diameter, with six circular panels of interlaced ornament, the spaces filled with foliage—found at Leochel Cushnie.

Brooch, $3\frac{3}{8}$ inches diameter, ornamentation simulating black letter; pin wanting—found at Cabrach, Aberdeenshire.

Brooch, $5\frac{1}{8}$ inch in diameter, with border of pierced open-work, four circular panels of interlaced ornament, and the interspaces filled with leafy scrolls.

Brooch, $4\frac{1}{4}$ inches in diameter, with three circular panels of interlaced ornamentation.

Brooch, $4\frac{5}{8}$ inches in diameter, with four circular panels of interlaced ornament, and two with floral patterns; the interspaces filled with flowers, an animal, &c.; the reverse also ornamented with three circular panels, each with floral ornament, and one with interlaced work, the interspaces filled with foliaceous scrolls, and bearing the name ALEXR. YOUNE.

Brooch, 7 inches in diameter, slightly convex, ornamented in a very rude manner with thistles, &c.; the pin detached and terminating in a thistle-head; the reverse also rudely ornamented, and bearing the initials D. M^cM.

Penannular Brooch, $3\frac{1}{2}$ by $3\frac{3}{4}$ inches diameter, with two sockets for settings and two triangularly shaped sunk panels in the expanding extremities, and one oblong panel in the centre of the ring—found at Marchstone between Abergeldie and Birkhall.

7. Bronze Palstave or Flanged Axe, $5\frac{1}{8}$ inches in length by $1\frac{1}{8}$ inch across the cutting edge, which is placed not in a plane parallel to the wings, but transversely to them—found in the neighbourhood of Perth.

8. Cinerary Urn, 16 inches in height and 14 inches in diameter, ornamented with a band of raised zig-zags round the upper part—found at Udney, Aberdeenshire.

Urn of "Drinking Cup" type, 8 inches in height and $5\frac{3}{4}$ inches in diameter, ornamented with bands of crossed lines—found at King Street Road, Aberdeen.

Ball of gritty sandstone, $2\frac{5}{8}$ inches diameter, with four projecting discs—from Aberdeenshire.

Flat Axe of bronze, $5\frac{1}{16}$ inches in length by $3\frac{1}{8}$ inches across the

cutting face, the cutting edge blunted—found at Glack, parish of Daviot, Aberdeenshire.

9. Rude Implement of sandstone, pointed, flattish, 14 inches in length—from Ophir, Orkney.

Waterworn Pebble of sandstone, $5\frac{1}{2}$ inches diameter, with a picked hollow in the centre of each of its flat faces.

10. Bronze socketed Sickle (fig. 1), found in the parish of Dores,



Fig. 1. Bronze Sickle, found in the Parish of Dores, Inverness-shire, $5\frac{1}{4}$ inches in length.

Inverness; the socket slightly oval, and measuring 1 inch by $\frac{3}{4}$ inch in diameter, a rivet-hole $\frac{1}{2}$ an inch above the mouth of the socket. From the mouth of the socket to the upper extremity of the blade, $2\frac{3}{8}$ inches; extreme length from the back of the upper part of the socket to the point of the blade, $5\frac{1}{4}$ inches; width of the blade at the junction with the socket $1\frac{3}{8}$ inch, from which it tapers to $\frac{3}{4}$ inch within an inch of the point. This is the second specimen of a Bronze Sickle which has been obtained for the National Museum, and we owe its acquisition to the good offices of Rev. John E. Fraser, Dores, to whom the Society has been under similar obligations before. There are not more than six

Bronze Sickles known to have been found in Scotland. They are much more common on the Continent, where, however, they are usually tanged and not socketed, the socketed form being a variety almost peculiar to Great Britain.

11. A collection of stone Axes and Implements of stone and shell from the West Indies, being part of the collection of the late Sir Thomas Graham Briggs, consisting of :—

Axe of Jadeite, $2\frac{3}{8}$ inches in length by $1\frac{1}{4}$ inch in breadth across the cutting face, polished at the cutting edge.

Axe of fine-grained greenish-coloured stone, $2\frac{7}{8}$ inches in length by $1\frac{1}{2}$ inch in breadth across the cutting face ; the butt irregular in form and rough on one side.

Axe of greenstone, $3\frac{7}{8}$ inches in length by $1\frac{3}{4}$ inch in breadth across the cutting face, polished, and with truncated butt.

Axe of porphyritic stone, 5 inches in length by $1\frac{7}{8}$ inch in breadth across the cutting face, plano-convex in section, and with the cutting edge fractured.

Axe of slaty stone, $5\frac{1}{4}$ inches in length by $2\frac{3}{8}$ inches in breadth across the cutting face, flat on the under side.

Adze of felstone, weathered, $5\frac{1}{8}$ inches in length by $2\frac{3}{4}$ inches in breadth across the cutting face.

Axe of greenstone, $3\frac{1}{8}$ inches in length by $2\frac{1}{8}$ inches in breadth across the cutting face, narrowing towards the upper part, and having the butt and edge both imperfect.

Axe of greenstone, $4\frac{7}{8}$ inches in length by $2\frac{7}{8}$ inches in breadth across the cutting face, contracted towards the upper part.

Axe of greenstone, $4\frac{3}{4}$ inches in length by $3\frac{1}{2}$ inches in breadth across the cutting face, polished, with contracted neck and flat-topped butt.

Axe of basalt, 6 inches in length by $3\frac{1}{4}$ inches in breadth across the cutting face, with projecting ears at the butt, and the cutting edge imperfect.

Axe of greenstone, $6\frac{1}{8}$ inches in length by 4 inches in breadth across the cutting face, with projecting ears, but imperfect on one side.

Axe of basalt, $6\frac{1}{4}$ inches in length by $3\frac{7}{8}$ inches in breadth, with projecting ears, imperfect at the butt.

Axe of basalt, $6\frac{1}{4}$ inches in length by $4\frac{1}{8}$ inches in breadth, the butt and cutting edge both imperfect.

Axe of greenstone, $6\frac{1}{8}$ inches in length by $4\frac{1}{4}$ inches in breadth, with projecting ears, one of which is imperfect; imperfect also at the cutting edge.

Axe of basalt, $7\frac{3}{4}$ inches in length and $4\frac{1}{2}$ inches in breadth, with projecting ears, one of which is broken off; imperfect also at the cutting edge.

Axe of basalt, $8\frac{1}{8}$ inches in length by $5\frac{3}{4}$ inches in breadth, narrowing towards the top; one ear broken off, and the cutting edge imperfect.

Axe of slaty stone, $8\frac{1}{2}$ inches in length by $5\frac{1}{4}$ inches in breadth; much fractured.

Portion of an Axe, consisting of the butt end only, with turned-down ears.

Three conical Pestles of greenstone; half of an elongated implement pointed at one end and partly polished; an oblong implement of claystone, $7\frac{7}{8}$ inches in length by $3\frac{7}{8}$ in breadth and plano-convex in section; and an implement (?) apparently formed from a concretion of horse-shoe form.

Four small Axes formed from the shell of *Strombus gigas* in the usual way.

12. Collection of Stone Implements and Ornaments of stone and shell, chiefly from shell-mounds in Cambodia:—

Gouge of basalt, $4\frac{1}{8}$ inches in length by $1\frac{3}{4}$ inch in breadth, polished at the cutting end, the butt roughened.

Five small polished Axes of greenstone, varying from $2\frac{7}{8}$ to $4\frac{1}{2}$ inches in length, the cutting edge formed by the faces meeting at an obtuse angle.

Two small Axes or Adzes of argillaceous slate, of the characteristic shouldered Burmese form, $3\frac{1}{2}$ inches in length, and having the cutting edge formed by the faces meeting at an obtuse angle.

Loom-weights of clay, of cylindrical shape, and perforated longitudinally; two small Balls of burnt clay, one of which is perforated; clay Disc, $1\frac{7}{8}$ inch in diameter and $\frac{3}{4}$ inch thick, with a cross of hatched work on each face, and grooved round the circumference—probably an ear ornament.

Sixteen flat circular Beads of shell, and three of cylindrical shape.

Ring or Bracelet of shell, 3 inches in diameter; oblong pendant of shell for a necklace, $3\frac{1}{4}$ inches in length; circular Breast Ornament of shell, 3 inches in diameter.

Disc or Whorl of wood, $1\frac{1}{8}$ inch in diameter.

Pin of ivory, $2\frac{3}{8}$ inches in length; the upper part shaped like an animal's head.

Ring of black slaty stone, $3\frac{1}{8}$ inches diameter, polished.

Part of a Necklace of small beads of shell, about $\frac{1}{8}$ inch diameter, and small pendants of shell.

13. Six Collections of Flint Implements from the Culbin Sands.

14. Siret's *Les Premiers Ages du Metal dans le Sud-est de l'Espagne*, with Atlas of Plates.

15. Holtzinger's *Altchristliche Architectur*; and Catalogue of the National Museums of Bavaria.

16. *Revue Celtique*, Vols. VII.-X.: Neilson's Trial by Combat. 8vo, 1890.

17. Hjaltalin's Dictionary and Reading Book—Icelandic-English.

18. Lindenschmidt's Catalogue of the German Central Museum (Casts).

19. *Kunsthistorischer Atlas Vorgeschichtlicher und Fruhgeschichtlicher Funde aus den Landern der Osterreichisch-Ungarischen Monarchie*, von Dr. M. Much. 1 Abtheilung, Wien, 1889.

The following Communications were read:—