

MONDAY, *8th April* 1912.

SIR JAMES BALFOUR PAUL, LL.D., C.V.O., in the Chair.

A Ballot having been taken,

ALEXANDER PORTEOUS, Ancaster House, St Fillans, Perthshire,

was duly elected a Fellow of the Society.

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

(1) By Sir ARTHUR CAMPBELL-ORDE, Bart., of Kilmory and North Uist.

Small triangular Arrowhead of greyish flint, $\frac{3}{4}$ inch in length, and the same in breadth at the base, with barbs and stem; small semi-circular Scraper of greyish flint, $\frac{3}{4}$ inch in diameter, and five Chips of Flint, a Disc of Talc $1\frac{1}{8}$ inches in diameter, perforated at one side, apparently for suspension by a small hole about $\frac{1}{8}$ inch from the margin—two similar holes near it have been broken by the giving way of the margin; three small Fragments of Pottery with chevrony ornamentation scored on the exterior surface—all found “in a heap of débris removed from the interior” of the chamber of Langass Barp, as described by Dr Erskine Beveridge in his recently issued work on North Uist.

Urn of sandy clay, $5\frac{1}{2}$ inches in height by $5\frac{1}{4}$ inches in diameter at the mouth and $4\frac{1}{2}$ at the bottom, with slightly bulging sides. The whole of the exterior is plain and smooth with the exception of the bottom, which has five lines across it at irregular intervals, three of these being apparently impressions of twigs and two of a twisted cord. There are also two circular depressions as if made with the end

of a stem about $\frac{1}{4}$ inch in diameter, on the bulge of one side. The urn was found inverted in a small cist at Port nan Long, North Uist. Circular Disc of Mica-Schist, $5\frac{1}{4}$ inches by $4\frac{1}{4}$ inches in diameter and $\frac{5}{8}$ inch in thickness, found in the cist with the urn. It would exactly fit the inverted mouth.

Small polished Adze of basaltic stone, $2\frac{1}{4}$ inches in length by $1\frac{1}{8}$ inches across the cutting face, which is rounded: the sides also rounded, and the butt slightly broken, from Eilean an Tighe, in Geireann Mill Loch, North Uist.

Two Scrapers of black flinty stone, one rounded at the end in the usual way, $1\frac{3}{4}$ inches by $1\frac{1}{2}$ inches and about a quarter of an inch in thickness; the other $2\frac{1}{4}$ inches by $1\frac{1}{4}$ inches and triangular in section across the middle, also from Eilean an Tighe.

Fragments of Pottery from Eilean an Tighe, viz., (1) triangularly shaped fragment of the upper part of a vessel with ornamented lip, measuring 3 inches by 3 inches and $\frac{3}{8}$ of an inch in greatest thickness at the junction with the lip, scored on the exterior with parallel vertical lines about half an inch apart, the lip bevelled outwards and triangular in section in the upper part, which is ornamented with obliquely parallel lines; a hole nearly a quarter of an inch in diameter has been pierced under the rim at one side of the fragment; (2) triangularly shaped fragment, $2\frac{1}{4}$ by $2\frac{1}{4}$ inches and a quarter of an inch in thickness, of the upper part of a vessel showing part of the ornamental rim, which is flat on the upper part, with three projecting mouldings and rows of parallel oblique lines between them; the exterior part of the rim projects about a quarter of an inch and is rounded and ornamented with parallel oblique lines, while the exterior surface of the side of the vessel is scored with chevrony ornament; (3) a small fragment, $1\frac{1}{4}$ by 1 inch and $\frac{3}{8}$ inch thick, of a vessel with a smooth exterior ornamented with shallow depressions at intervals of half an inch; (4) triangular fragment with lip of the upper part of a vessel of dark hard paste, $1\frac{3}{8}$ inches in length by 1 inch in depth, the lip

flat on top, ornamented with oblique lines and projecting slightly over the exterior, which is also ornamented by rows of short oblique lines arranged in chevrony fashion: the thickness of the wall of the vessel barely exceeds $\frac{1}{8}$ inch; (5) fragment of the upper part of a vessel of hard-baked reddish clay like the top of a beaker, 2 inches in length by $1\frac{1}{2}$ inches in depth, the rim merely rounded, and ornamented on the exterior by a band of four parallel horizontal lines over a band of parallel lines set vertically and close together; (6) fragment of the upper part of a vessel of darkish and coarse clay, 2 by $1\frac{1}{2}$ inches, with part of the lip flat on top, having a slight narrow moulding projecting upwards on the inner side, and the thick flat part projecting horizontally over the exterior nearly half an inch, the rim ornamented on the upper flat part by oblique markings gouged out to a depth of a tenth of an inch with a width of about an eighth of an inch, and the exterior of the vessel below the projecting lip ornamented by obliquely scored lines; (7) triangular fragment of a vessel of darkish clay, $1\frac{1}{2}$ inches in breadth by $1\frac{3}{4}$ inches in depth, with part of the rim, having a plain exterior border $\frac{3}{8}$ of an inch in depth over a band of markings made by the point of a tool pushed obliquely into the clay; (8) fragment, $1\frac{1}{2}$ by $1\frac{1}{2}$ inches, of the bulge of a vessel, scored obliquely on the exterior in opposite directions above and below the line of the bulge; (9) fragment $3\frac{3}{4}$ by 2 inches, of a vessel of coarse slightly reddish clay, with flattish rim an inch in breadth slightly bevelled upwards to the exterior, above two concave mouldings each half an inch in width; the fragment is pierced by two small holes close together in the line of the lower fracture.

Fragments of Pottery from the sandhills at Udal, North Uist, viz., (1) fragment of reddish clay, 2 inches in length by 1 inch in breadth, resembling part of a thick loop-handle of a large vessel, scored with oblique parallel lines on one side and on other two sides with vertical parallel lines, the fourth and concave side being plain; (2) fragment, 2 inches square and $\frac{1}{8}$ inch in thickness, of the upper part of

a vessel of reddish clay, the lip ornamented with oblique lines and the exterior with a single row of punctulations under the rim ; (3) fragment of the upper part of a vessel of reddish clay, $1\frac{1}{2}$ by $1\frac{1}{4}$ inches and less than a quarter of an inch in thickness, ornamented by vertical lines of impressions, as of the teeth of a comb, underneath a plain space ; (4) fragment, $1\frac{1}{2}$ by $1\frac{1}{4}$ inches, apparently of the side of a craggan, ornamented with scored lines crossing at right angles ; (5) fragment, $1\frac{1}{2}$ by 1 inch and a quarter of an inch in thickness, ornamented by a single row of small oval impressions ; (6) fragment of the bulge of a vessel of greyish clay, less than $\frac{1}{4}$ inch in thickness, ornamented by two parallel chevrony lines scored about $\frac{1}{4}$ inch apart, and one line of punctured circular impressions within and parallel to the chevrony lines ; (7) fragment, $1\frac{3}{4}$ by $1\frac{1}{2}$ inches, of the bulge of a craggan-like vessel, with a bold band of *appliqué* zigzag ornament.

Four Bone Implements, three being splinters of bone shaped to a sharp point, and one a bone needle $1\frac{7}{8}$ inches in length, from Udal.

Four Hammer-Stones from Udal and one from Sloc Sabhaidh, Baleshare.

Two Bone Implements, one being a splinter shaped to a sharp point, and the other a flat splinter shaped to a spatulate end, from Skellor.

Three Worked Flints (one probably a gun-flint), from Oransay, North Uist.

Fragment of a Vessel of greyish clay, $1\frac{3}{4}$ by $1\frac{1}{2}$ inches, with part of a circular *appliqué* ornament, from Port nan Long.

Finger-Ring of bronze wire, $\frac{3}{4}$ of an inch in diameter, the circular bezel formed by the ends of the wire being looped together in a spiral and then twined round the ring three times on each side. Fragment, 3 by 2 inches, of the bulge of a Craggan-like Vessel, with a line of wavy ornament in relief ; and a Small Fragment, $1\frac{1}{4}$ by 1 inch, of a Vessel with slightly everted lip, ornamented on the exterior with a row of impressed circular hollows about $\frac{1}{8}$ inch in diameter under the rim, and scored parallel lines beneath, from Sloc Sabhaidh, Baleshare.

Shaped Piece of Cetacean Bone, 7 inches in length by $2\frac{1}{2}$ inches in breadth and $\frac{5}{8}$ of an inch in thickness, and a Vertebral Cetacean Bone with the epiphyses attached, the half of the thickness of the joint removed, and the cut surface hollowed into a round-bottomed cup $2\frac{1}{2}$ inches in diameter and $1\frac{1}{2}$ inches deep ; Oblately Spheroidal Bone, $1\frac{1}{4}$ inches by $\frac{7}{8}$ in diameter, highly polished and ornamented on one of its flatter sides by five incised circles with central dots, and on the other, which is imperfect, with a group of small dots ; large Fragment of the Side of a Craggan-like Vessel of reddish clay, $7\frac{1}{2}$ inches in height and 7 inches across the curve of the interior, horizontally ornamented on the bulge of the exterior with a line of wavy pattern in relief ; a Tine of Red-deer antler, broken off—all from the Earth House at Machair Leathann.

Nine Rivets of Iron of Viking type, from Carnan Mor, Otternish.

(2) By ERSKINE BEVERIDGE, LL.D., F.S.A.Scot., of Vallay, North Uist.

From the Earth House at Kilpheder, Five Pieces of Patterned Pottery, viz., (1) fragment, $2\frac{3}{4}$ by $1\frac{7}{8}$ inches, of a craggan-like vessel, ornamented across one end with a band of chevrony pattern of two lines with a large dot impressed in each angle of the chevron ; (2) fragment, 3 by $2\frac{1}{4}$ inches and fully half an inch in thickness, of red clay, ornamented by a raised and rounded moulding fully half an inch in height with a deeply incised median line, giving off alternately on either side oblique parallel lines ; (3) fragment, $2\frac{1}{4}$ by 2 inches, of the side of a craggan-like vessel, ornamented by a moulding scored by vertical lines ; (4) fragment, $1\frac{1}{4}$ by $1\frac{3}{8}$ inches, apparently of an *appliqué* band scaled off, ornamented with a row of hemispherical impressions half an inch in diameter ; (5) fragment, $1\frac{1}{2}$ by $1\frac{1}{2}$ inches, of the upper part of a craggan-like vessel, ornamented with oblique rows of curved impressions as if made by a thumb-nail or by the lip of a small bivalve shell.

Shaped or worked Bone Implements from sandhills at Skellor, viz., (1) a well-made bone pin $2\frac{1}{2}$ inches in length, with flat circular head ; (2) quadrangular bone pin, $2\frac{5}{8}$ inches in length ; (3) cylindrical section of a shank bone, $1\frac{3}{4}$ inches in length and half an inch in diameter ; (4) similar section of a similar bone $2\frac{1}{4}$ inches in length and $\frac{3}{8}$ inch in diameter ; (5) section of wing bone of a bird $3\frac{1}{2}$ inches in length and $\frac{3}{16}$ in diameter ; (6) similar section of a similar bone, 3 inches in length and $\frac{3}{8}$ in diameter.

From the Dun called Cnoc a' Comhdhalach, Fragments of Pottery, viz., (1) fragment, $2\frac{1}{2}$ by 2 inches, of the upper part of a craggan-like vessel with slightly everted lip, under which is a band of wavy ornament in relief ; (2) fragment, $3\frac{1}{2}$ by $2\frac{1}{2}$ inches, of very coarse reddish pottery, almost flat, and varying from half an inch to an inch in thickness, ornamented on the exterior by a series of hollow depressions about an inch in length, placed at right angles to ridges crossing them at about an inch apart ; (3) fragment, $2\frac{1}{2}$ by $1\frac{1}{4}$ inches, of the lip of a large jar of reddish clay, the flat moulding of the lip an inch in width, and under it a band of wavy ornament in relief ; (4) fragment, 2 by $1\frac{3}{4}$ inches, of the upper part of a vessel of brownish clay, with a flat, slightly projecting lip $\frac{5}{8}$ of an inch in width, and under it a row of small circular depressions about an $\frac{1}{8}$ of an inch in diameter ; (5) fragment, $3\frac{1}{4}$ by $1\frac{7}{8}$ inches, of the side of a very thin, well-made vessel of reddish clay, being scarcely more than an eighth of an inch in thickness, with a band of wavy ornament in relief running round the bulge ; (6) fragment, 1 inch in depth, of the round bottle-neck of a vessel of greyish clay about $1\frac{1}{2}$ inches in diameter ; (7) triangular fragment of a vessel of brownish clay, ornamented with a band of three parallel horizontal lines with irregular obliquely curved lines scored underneath ; (8) fragment, 2 by $1\frac{3}{4}$ inches, plain, with ground edges ; (9) hammer-stone, $3\frac{1}{2}$ by $2\frac{1}{2}$ inches ; (10) lump of red argillaceous stone, or ruddle, $1\frac{1}{4}$ by 1 inch, and about an inch in thickness, rubbed down on all sides as if for pigment ; (11) naturally

rounded oblong pebble of quartzite, $2\frac{5}{8}$ by $1\frac{3}{4}$ inches in diameter and $\frac{7}{8}$ of an inch in thickness, having in the middle of each of its flat sides an oblique hollow about 1 inch in length ; (12) similar pebble of whitish quartzite, $2\frac{1}{4}$ by 2 inches and an inch in thickness, with similar hollows on both its flat faces ; (13) similar pebble of greyish greenstone, $2\frac{1}{2}$ by $2\frac{1}{4}$ inches and $\frac{5}{8}$ inch in thickness, with six parallel lines about $\frac{1}{8}$ inch apart, scored obliquely across one of its flat faces ; (14-17) three whorls of steatite, with smoothed surfaces, about an inch in diameter, and one of pottery, $1\frac{3}{8}$ inches in diameter ; (18) small leaf-shaped arrowhead of reddish flint, broken and split, $\frac{3}{4}$ by $\frac{5}{8}$ inch ; (19) piece of pumice, 2 by $1\frac{1}{8}$ inches and $\frac{3}{4}$ of an inch in thickness, ground to a flat surface on one side ; (20) slender bone pin, $1\frac{3}{8}$ inches in length, with round head, flat on the upper part and sloped to the junction with the shaft of the pin ; (21) bronze pin, broken, $1\frac{1}{8}$ inches in length, the head flat, and rounded to the top ; (22) bronze pin, $4\frac{1}{4}$ inches in length, with swivel head-ring $\frac{5}{8}$ inch in diameter.

Pottery and Bone and Stone Implements from a dun at Geirisclett, viz., (1) triangular fragment, $1\frac{7}{8}$ by $1\frac{3}{4}$ inches, of the bulge of a craggan-like vessel, ornamented with a band of oblique lines impinging on the line of the bulge, and triangles filled with lines drawn parallel to one side below that line ; (2) fragment, $1\frac{1}{2}$ by $1\frac{1}{4}$ inches, upper part plain, lower part ornamented with a band of three horizontal lines crossed by oblique lines ; (3) fragment, $1\frac{1}{2}$ by $1\frac{1}{2}$ inches, of the upper part of a vessel with everted lip, ornamented on the exterior surface by a chevrony pattern of two parallel lines ; (4) triangular fragment, $1\frac{7}{8}$ by $1\frac{1}{2}$ inches, of a vessel of reddish clay, ornamented above a horizontal line with irregular oblique lines and below it with a row of short linear impressions ; (5) triangular fragment, 3 by 2 inches, of a large vessel of greyish clay, ornamented on the exterior by a horizontal moulding half an inch in width, roughly indented at intervals of half an inch by oblique indentations ; (6) whorl of pottery (broken), $1\frac{3}{4}$ inches in diameter ; (7) bone pin, 3 inches in length, the

head-end simply ground smooth ; (8) bone implement, $3\frac{3}{4}$ inches in length, somewhat flattened, with rounded sides, one end pointed, the other spatulated ; (9) bone pin or bodkin, $3\frac{5}{8}$ inches in length, expanding at the head to half an inch in breadth, with a circular hole an eighth of an inch in diameter ; (10) flattened tool of bone, the point end broken away, the part remaining $3\frac{3}{4}$ inches in length by a quarter of an inch in width at the fractured end and five-eighths of an inch at the other end, which is cut at both sides into an ornamental head an inch in length ; (11) bone pin, $2\frac{3}{8}$ inches in length, with a very neatly cut head $\frac{3}{8}$ of an inch in length, lozenge-shaped in cross section and the four sides cut into lozenge shape with triangular spaces between ; (12) tine of an antler of red-deer, 4 inches in length, shaped as a handle for some iron instrument, which has been riveted into a slot in the wider end $\frac{3}{8}$ of an inch in width and $1\frac{3}{8}$ inches in depth, in which an iron rivet remains : at $1\frac{1}{4}$ inches from the point end a deep cut has been made in one side of the tine ; (13-14) two very sharp-pointed borers, made of splinters of bone, 2 inches in length, and the points ground fine ; (15) borer with fine point, $1\frac{7}{8}$ inches in length, made of a sheep-shank bone with part of the joint left to serve as a handle ; (16) oval pebble of quartzite, $2\frac{1}{8}$ by 2 inches and $\frac{7}{8}$ of an inch in thickness, with an oblique hollow $1\frac{1}{4}$ inches in length on one of its flat sides.

Pottery from a long cist at Geirisclett, viz., (1) fragment, $2\frac{1}{4}$ by $1\frac{1}{2}$ inches, of a vessel of coarse clay, ornamented between two horizontal lines, above and below, with a band $1\frac{1}{4}$ inches in width of eight parallel chevrony lines about an eighth of an inch apart, with irregularly scored oblique lines between the chevrons ; (2) fragment, $3\frac{1}{4}$ by $2\frac{1}{4}$ inches, of the upper part of a vessel like a cinerary urn, with a bold triangular moulding round the exterior immediately under the lip, otherwise plain ; (3) small fragment, less than an inch square, with three parallel patterns like the conventional palm-leaf, consisting of parallel oblique lines closely set at the same angle on both sides of a

stem-line; (4) fragment, 2 by $1\frac{1}{2}$ inches, of the side of a beaker-like vessel, ornamented with two horizontal bands of impressed lines of twisted cord with a narrow band of two rows of punctured dots between; (5) fragment, $1\frac{1}{2}$ by $\frac{3}{4}$ inches, of a similar vessel with similar ornament.

Pottery from a Dun at Eilean Maleit, viz., (1) fragment, $3\frac{1}{2}$ by $2\frac{1}{2}$ inches, of the upper part of a large vessel of coarse reddish clay, with everted lip, ornamented by a band of wavy pattern in relief immediately under the lip, and repeated 2 inches lower down; (2) whorl-like fragment of reddish clay (broken), $1\frac{1}{2}$ by $1\frac{1}{4}$ inches; (3) fragment, 2 by $1\frac{1}{2}$ inches, of a vessel of greyish clay, ornamented under a plain space by a band of wavy pattern in relief over a broad band of chevrons ornament with the triangles between the chevrons filled with parallel lines; (4) triangular fragment, 2 by $1\frac{3}{8}$ inches, with a line of wavy ornament in relief, otherwise plain; (5) fragment, 2 by $1\frac{3}{8}$ inches, with a broken semicircle $1\frac{3}{8}$ inches in diameter in relief.

Pottery and Marked Pebble, from a Dun at Buaille Risary, viz., (1) small cup or crucible, $1\frac{1}{4}$ inches in diameter, the bottom rounded, the cavity half an inch in width and $\frac{3}{8}$ of an inch in depth; (2) fragment of a small cup or crucible, with flat bottom, $1\frac{1}{2}$ inches in diameter, the sides broken away at $\frac{3}{4}$ of an inch in height; (3) oblong water-worn pebble, $1\frac{5}{8}$ by $\frac{5}{8}$ inches, scored on one side with markings like the letters of an Ogham inscription; (4) fragment of a vessel of reddish clay, 2 by $1\frac{1}{2}$ inches, with plain everted lip 1 inch in width, ornamented under the lip with vertical parallel lines about half an inch apart, with rows of impressed dots between; (5) fragment of the bulge of a vessel of greyish clay, $2\frac{1}{4}$ by 2 inches, smooth on the exterior, and ornamented by a pair of triangles outlined by two parallel lines with crossing lines between them impinging on a horizontal band of two parallel lines.

Pottery from the Dun of Rudh' an Duin, Vallay, viz., (1) loop-

handle of a vessel of coarse red clay, unglazed, 4 inches in length by $\frac{3}{4}$ inch in thickness; (2) fragment of a vessel of red clay, $1\frac{1}{2}$ by $1\frac{1}{4}$ inches, ornamented with a rounded moulding, crossed by short impressed vertical lines about a quarter of an inch apart; (3) fragment, $1\frac{1}{2}$ by $1\frac{1}{2}$ inches, of an oblong narrow crucible $1\frac{1}{8}$ inches in depth and only $\frac{5}{8}$ inch in width, the length unascertainable on account of the break; (4) fragment, $1\frac{3}{4}$ by $1\frac{1}{4}$ inches, of the upper part of a vessel of greyish clay with a flat lip $\frac{5}{8}$ inch in width, ornamented on the flat upper surface with impressed lines as of the teeth of a comb, crossing from side to side about an eighth of an inch apart; (5) fragment, $1\frac{1}{2}$ by 1 inch, of a vessel with flattish, slightly rounded lip, ornamented by a row of concave impressions about $\frac{1}{4}$ inch in diameter; (6) fragment, $1\frac{3}{4}$ by $1\frac{1}{8}$ inches, of a craggan-like vessel, ornamented with a flattish, slightly rounded moulding $\frac{1}{4}$ inch in width, crossed by diagonal lines about a tenth of an inch apart; (7) fragment, $1\frac{3}{4}$ by $1\frac{3}{4}$ inches, of the bulge of a vessel of red clay, crossed by a slight moulding $\frac{1}{4}$ inch in width, impressed with indented hollows as if made by the thumb-nail.

Pottery, Implements of Stone and Bone, Bronze and Bone Pins and Needles, from the sandhill site of the Cattle-fold, Vallay, viz., (1) fragment, $\frac{7}{8}$ by $\frac{7}{8}$ inch, ornamented with parallel horizontal lines $\frac{3}{8}$ inch apart, and rows of dots between; (2) fragment, 3 by 2 inches, of a large vessel of reddish clay, with everted lip (broken), and a band of wavy ornament in relief under the lip; (3) fragment, 2 by 2 inches of a craggan-like vessel, scored with vertical lines radiating fanwise from the neck to the bulge; (4) fragment, 1 by $\frac{5}{8}$ inch, of a vessel of red clay, ornamented with slight mouldings and short scored lines about an eighth of an inch apart in the hollows between; (5) triangular fragment, 1 inch in length, ornamented with parallel rows of dots about $\frac{1}{4}$ inch apart; (6) fragment, $1\frac{1}{4}$ by 1 inch, of the upper part of a vessel of greyish clay, with everted lip, and two parallel rows of dots nearly $\frac{1}{4}$ inch apart under the lip; (7) fragment, 2 by 2 inches, of the upper part of a vessel of brownish clay, with everted lip (broken),

ornamented on the lip and the bulge with parallel horizontal lines of impressed dots about $\frac{1}{2}$ inch apart ; (8) fragment, $1\frac{3}{4}$ by $1\frac{1}{4}$ inches, of the bulge of a vessel of reddish clay, ornamented with rows of large impressed dots with lines, and scored lines drawn, apparently with the tool that impressed the dots, from dot to dot ; (9) bone pin, $4\frac{1}{8}$ inches in length and $\frac{3}{8}$ inch in thickness near the head, which is bevelled off to about $\frac{1}{8}$ inch ; (10) bone pin, $4\frac{1}{8}$ inches in length, the head rounded off ; (11) bone pin, $2\frac{3}{4}$ inches in length, the head rounded off ; (12) bone pin, $2\frac{3}{8}$ inches in length, the head cut off flat ; (13) slender bone pin, 2 inches in length, the head slightly bulbous at one side ; (14) bone pin, $2\frac{5}{8}$ inches in length, a splinter of bone slightly shaped and sharpened obliquely from one side ; (15) spatula-shaped tool of bone, $3\frac{1}{2}$ inches in length by $\frac{5}{8}$ inch wide in the widest part near the point, which tapers from one side, the butt end being rounded and pierced with a small hole for suspension ; (16) small cylinder of bone, $1\frac{1}{2}$ inches in length and about $\frac{1}{2}$ inch in diameter, perforated throughout its length ; (17) needle of bone, 2 inches in length, with flattened square-ended head, pierced with a round eye ; (18) needle of bone, $2\frac{1}{4}$ inches in length, slightly bent towards the point, the head flattened and ovally rounded off, and pierced with an oval eye ; (19) needle of bone, $2\frac{1}{4}$ inches in length, the head flattened and ovally rounded off, and pierced with an oval eye ; (20) needle of bronze, $1\frac{3}{4}$ inches in length, with a slightly oval eye ; (21) needle of bronze, $1\frac{3}{4}$ inches in length, thinner, and with an oval eye ; (22) pin of bronze, $3\frac{5}{8}$ inches in length, with bulbous and slightly conical head ; (23) ring-headed pin of bronze, $3\frac{3}{4}$ inches in length, the shank rounded in the middle of its length and square in section towards the point end, flattening out and expanding in width towards the head, the flat part ornamented with a row of small circles with central dots, a ring $\frac{3}{4}$ inch in diameter swings in the loop of the head of the pin ; (24) weaving comb of bone, 4 inches in length by $1\frac{3}{4}$ in greatest breadth and $\frac{3}{8}$ in thickness, flat on both sides, with four teeth and two stumps remaining ; (25) frag-

ment, $2\frac{1}{2}$ by $1\frac{1}{4}$ inches, of the brim of a vessel (or cup) of steatite, with flattened lip ; (26) rounded pebble of mica-schist, 2 inches in diameter, and about an inch in thickness, with slightly indented hollows of about 1 inch in diameter in each of its flat sides.

From other localities in Vallay, (1) whorl of whitish stone, $1\frac{1}{2}$ inches in diameter and half an inch in thickness ; (2) domical-shaped whorl of steatite, $1\frac{1}{8}$ inches in diameter and $\frac{5}{8}$ in thickness ; (3) whorl of claystone, $1\frac{1}{4}$ inches in diameter and $\frac{1}{4}$ inch in thickness ; (4) whorl of sandstone, $1\frac{3}{8}$ inches in diameter and $\frac{1}{2}$ inch in thickness ; (5) whorl of sandstone, $1\frac{7}{8}$ inches in diameter and an inch in thickness ; (6) bone cylinder, $2\frac{7}{8}$ inches in length and half an inch in diameter, made of the hollow bone of a large bird ; (7) slender bone pin, $2\frac{1}{2}$ inches in length, with flat oval expanding head ; (8) bone pin, $2\frac{1}{8}$ inches in length, with oval head, cut square in the lower edge.

Implements of Bone from sandhill sites at Bellochban, viz., (1) whorl of cetacean bone, oval, $2\frac{1}{8}$ by $1\frac{7}{8}$ inches, pierced by a central hole a quarter of an inch in diameter ; (2) solid piece of deer-horn, $1\frac{3}{4}$ inches in length and $\frac{5}{8}$ of an inch in diameter, one end worn down for an inch in length to half its diameter by use as a pivot ; (3) solid piece of deer-horn, $2\frac{1}{4}$ inches in length by $\frac{3}{4}$ inch in diameter, both ends worn down by use as a pivot ; (4) solid piece of split bone, $1\frac{3}{4}$ inches in length by $\frac{7}{8}$ of an inch in diameter, both ends worn down by use as a pivot ; (5) piece of bone, roughly quadrangular, $2\frac{1}{4}$ inches in length by $1\frac{1}{4}$ inches in breadth and 1 inch in thickness, pierced endwise by a circular perforation $\frac{3}{8}$ of an inch in diameter, and having an oval perforation $1\frac{3}{8}$ inches in length and 1 inch in width through the middle of the thickness of the bone, the inside of which is worn smooth as if by friction ; (6) pin of bone, $2\frac{3}{4}$ inches in length, the head flat, ovally rounded off and slightly turned to one side ; (7) pin made from a splinter of a bird's bone, $2\frac{3}{8}$ inches in length, the head ovally rounded off and ground flat on one face ; (8) netting needle of bone, $1\frac{3}{8}$ inches in length, tapering to both ends and pierced in the middle by a circular

eye about a tenth of an inch in diameter ; (9) borer of bone, $3\frac{1}{2}$ inches in length, made of a shank bone, the joint end broken.

Miscellaneous objects from the sandhill sites at Udal, viz., (1) whorl of greyish sandstone, $2\frac{1}{8}$ inches in diameter and $\frac{1}{4}$ inch in thickness, with a central hole $\frac{1}{4}$ of an inch in diameter ; (2) octagonal pin-head or button of bronze, $1\frac{1}{4}$ inches in diameter, ornamented round the margin by a gilt trefoil in each angle and hatched lines between ; (3) portion of the upper part of a narrow-necked jar of greyish white clay, 2 inches in height, including the whole of the expanding brim, widening upwards from $1\frac{1}{8}$ inches to $1\frac{3}{4}$ inches in diameter, and rising to $1\frac{1}{2}$ inches above the globular bulge of the jar ; (4) piece of a steatite cup or vessel, 3 by $2\frac{1}{2}$ inches and $\frac{3}{4}$ of an inch thick ; (5) burr of an antler of red-deer sawn short off ; (6) solid cylindrical piece of bone or deer-horn, 3 inches in length and $\frac{3}{4}$ inch in diameter, with both ends worn down by use as a pivot ; (7) bone pin made from a splinter, $3\frac{7}{8}$ inches in length, half an inch in width at the head, which is rounded off and pierced by a circular hole $\frac{1}{8}$ inch in diameter, the sides tapering regularly from head to point, ornamented on the convex side by five groups of two double lines incised across at intervals, lessening from head to point ; (8-10) three pins made from splinters of bone, 3, $2\frac{3}{4}$, and $2\frac{1}{4}$ inches in length, with unfinished heads ; (11) well-made and slender bone pin, $2\frac{5}{8}$ inches in length, with flat circular projecting head ; (12) bone needle, $1\frac{1}{2}$ inches in length, flattened in the upper part, and with a circular eye.

Miscellaneous objects from sandhill sites near An Corran, in the south-east corner of Boreray, viz., (1) part of a bronze pin, $1\frac{5}{8}$ inches in length, with globular head ; (2) part of a bronze pin, $1\frac{1}{2}$ inches in length, with polygonal head ornamented with dots ; (3) needle of bronze, $2\frac{5}{8}$ inches in length, with a head like a modern darning needle ; (4) pin of brass or bronze, $2\frac{1}{4}$ inches in length, with a polygonal head ornamented with dots ; (5) five pins of brass of different sizes, from $2\frac{1}{2}$ to $1\frac{1}{2}$ inches, with globular heads of twisted wire ; (6) thirteen

smaller brass pins of modern form, with globular or flattened heads ; (7) iron rivet, lozenge-shaped at one end, rounded at the other ; (8) silver button, half an inch square, with inscription in Irish lettering, CLANN NAN GAEL.

From Dun a' Ghallain, (1) iron knife, the blade 3 inches in length and the handle 2 inches, having a loop a quarter of an inch in diameter at the end for suspension ; (2) base portion of a small crucible of clay, $1\frac{3}{8}$ inches in diameter, rounded in the bottom and vitrified on the outside.

Two Circular Brooches of brass or bronze, from Benbecula, one $2\frac{1}{8}$ inches in diameter, made of a flat plain ring $\frac{3}{8}$ inch wide, the pin having a loop-head loosely working on a part of the brooch cut into on both sides for the purpose, leaving a narrow tongue to pass through the loop ; the other from Skellor, $2\frac{1}{4}$ inches diameter, and similarly plain.

Brooch of similar type from Heisker, 2 inches in diameter, shaped octagonally.

From Tota Dunaig, Vallay, Polished Stone Axe of felstone, $6\frac{1}{2}$ inches in length by $2\frac{1}{2}$ inches across the cutting face and $1\frac{3}{8}$ across the butt end, oval in section, edges slightly planed, fractured at cutting edge and butt.

Four Home-made Shuttles of Wood, from different localities, viz., (1) from Hougary, North Uist, $10\frac{1}{2}$ inches in length, with a cavity 4 inches long in the central part for the pirn, which is a piece of a reed or stalk of hemlock on which the thread is wound, rotating on an axle made of a splinter of wood, as the thread is drawn off through a hole in the side of the shuttle ; (2) from Hougary, similar shuttle, $10\frac{1}{4}$ inches in length ; (3) from Cosles, Tیره, similar shuttle, $11\frac{1}{2}$ inches in length ; (4) from Pabbay, near Barra, similar shuttle, $8\frac{1}{2}$ inches in length, with a sheep-shank bone for a pirn, rotating on a wire.

Implements, etc., of neo-archaic types still in use, or in use recently in the island of North Uist and other parts of the Hebrides—one-

stilted plough (*risteal*) with sickle-shaped coulter ; peat-spade (*treisger*), with oblong blade, having a knife-like projection at one side ; two flails ; a rake with four teeth ; a dibble (*sliobhag*) with a pin fixed in the side to act as a treader, and a stop ; a flounder-spear (*brod-leàbag*) ; a seaweed sickle with notched blade ; conical-shaped bag net made of the roots of a grass ; basket made of bent-grass from Heisker ; horse-collar made of bent-grass ; rope made of heather, used for fastening thatch on roofs.

- (3) By Mrs DOUGLAS, Glenlea, Hawthornden, through ALAN REID, F.S.A. Scot.

Finely Polished Axe of brown flint, 6 inches in length by $2\frac{1}{8}$ inches across the cutting face, tapering to $1\frac{1}{4}$ inches at the butt, greatest thickness $1\frac{1}{8}$ inches near the middle, edges planed flat, found in the parish of Kettle, Fife.

Axe of felstone, $3\frac{1}{2}$ inches in length by $2\frac{3}{8}$ inches across the cutting face and $\frac{7}{8}$ inch in greatest thickness, sides planed flat and tapering to $1\frac{3}{8}$ inches at the butt, which is slightly broken at one side, found at Hannelwell Burn, Aberlemno, Forfarshire.

Perforated Pebble of Grey Sandstone, $2\frac{1}{8}$ by $1\frac{1}{2}$ inches, pierced in the centre by a hole picked from both sides, found in Forfarshire.

- (4) By GEORGE C. MURRAY, of the Hong-Kong and Shanghai Bank, Iloilo, Philippine Islands.

A Coat of Chain Mail and Plates of Horn, from the Philippine Islands.

- (5) By J. MAITLAND THOMSON, F.S.A. Scot., the Editor.

The Bishops of Scotland. By the late Right Rev. John Dowden, D.D., LL.D. 8vo. 1912.

- (6) By GEORGE F. BLACK, New York Public Library, the Author.
List of Works relating to Witchcraft in Europe. Imp. 8vo. 1911.
List of Works relating to the Isle of Man.

(7) By Rev. J. KING HEWISON, M.A., D.D., F.S.A. Scot.

The Dream of the Rood : A Metrical Translation. 8vo. pp. 8. 1911.

(8) By Rev. R. S. MYLNE, B.C.L., F.S.A., F.R.S.E., the Author.

The Canon Law. With a Preface by J. Maitland Thomson, LL.D.
4to. 1911.

(9) By SYMINGTON GRIEVE, F.S.A. Scot., the Author.

Griddle or Griedell Ine, or Een, otherwise known as Griadal Fhinn,
Kilchoan, Ardnamurchan. 8vo. pp. 16. 1911.

(10) By THE KEEPER OF THE RECORDS OF SCOTLAND.

Register of the Privy Council of Scotland. Vol. 4. 3rd Series.
1673-1676.

(11) By the WILTSHIRE ARCHÆOLOGICAL SOCIETY.

Catalogue of the Museum of the Society at Devizes, Part II. 8vo.
1911.

(12) By GEORGE H. EDINGTON, the Author.

Note on the Skull of Dr Pritchard. Reprint from the *Glasgow
Medical Journal*, 1912.

(13) By WALTER J. KAYE, jun., F.S.A. Scot.

Que sont les Enceintes à gros blocs de Grasse (Alpes Maritimes) ?
Note sur les Camps des Alpes Maritimes, par Paul Goby.

(14) By JAMES BARRON, F.S.A. Scot., the Author.

The Northern Institution and its Leading Members. 8vo. pp. 36.

There were Exhibited :—

(1) By D. HAY FLEMING, LL.D., F.S.A. Scot.

A Heraldic Button, a “Pirlie Pig,” and a Beggar’s Badge from St Andrews. [See the subsequent Communication by Dr D. Hay Fleming.]

(2) By Mr JAMES SHARP, Carcant, Heriot, Midlothian.

A remarkable collection made from the farm of Overhowden, consisting of flint arrowheads, of which 15 are hollow-based and lop-sided, scrapers, pistol-flints, whorls, and a half of a polished stone hammer, etc. [See the subsequent Communication by Mr Sharp.]

The following Communications were read :—