

PROCEEDINGS  
OF THE  
SOCIETY OF ANTIQUARIES OF SCOTLAND

---

HUNDRED AND FORTY-EIGHTH SESSION, 1927-1928

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ANNIVERSARY MEETING, 30th November 1927.

Brigadier-General Sir ROBERT G. GILMOUR, Bart.,  
C.B., C.V.O., D.S.O., Vice-President in the Chair.

Mr John W. M. Loney and Mr James Maclehorse, LL.D., were appointed Scrutineers of the Ballot for Office-Bearers.

The Ballot having been concluded, the Scrutineers found and declared the List of the Council for the ensuing year to be as follows:—

*President.*

His Grace THE DUKE OF ATHOLL, K.T., C.B., M.V.O., D.S.O., LL.D.

*Vice-Presidents.*

Brigadier-General Sir ROBERT G. GILMOUR of Craigmillar, Bart., C.B.,  
C.V.O., D.S.O.

Professor THOMAS H. BRYCE, M.D., F.R.S.

Colonel W. ANSTRUTHER-GRAY.

*Councillors.*

Sir JOHN R. FINDLAY, Bart., K.B.E., LL.D.	} <i>Representing</i> <i>the Board of</i> <i>Trustees.</i>	STEUART N. MILLER, M.A.
The Hon. HEW HAMIL- TON DALRYMPLE.		CHARLES E. WHITELAW, I.A. CHARLES B. BOOG WATSON, F.R.S.E. J. HEWAT CRAW.
JOHN A. INGLIS.	} <i>Representing</i> <i>the Treasury.</i>	JOHN BRUCE.
Major WILLIAM A. BAIRD. WILLIAM K. DICKSON, LL.D.		D. BAIRD SMITH, C.B.E., LL.D. THOMAS YULE.

*Secretaries.*

G. P. H. WATSON. | DOUGLAS P. MACLAGAN, W.S.

*For Foreign Correspondence.*

The Rev. Professor A. H. SAYCE, M.A., | Professor G. BALDWIN BROWN, LL.D.  
LL.D., D.D.

*Treasurer.*

J. BOLAM JOHNSON, C.A.

*Curators of the Museum.*

JAMES CURLE, LL.D., W.S. | JAMES S. RICHARDSON.

*Curator of Coins.*

Sir GEORGE MACDONALD, K.C.B., F.B.A., LL.D., D.Litt.

*Librarian.*

ALEXANDER O. CURLE.

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

- Miss MARGUERITE ELIZABETH BICKERSTETH, Ph.D., 32 Stafford Street.  
 JOHN CAMERON BLACK, J.P., Naval Architect, 45 West Nile Street,  
 Glasgow, C. 1.  
 Rev. WILLIAM BRADLEY, Carstairs House, Carstairs Junction.  
 GEORGE E. BREWER, Jun., 151 East 79th Street, New York City, U.S.A.  
 Mrs GEORGE E. BREWER, Jun., 151 East 79th Street, New York City, U.S.A.  
 WILLIAM YOUNG CARRICK, 94a Findhorn Place.  
 JOSEPH BOEHRER CHARLES, 92 King's Road, Harrogate, Yorkshire.  
 Colonel C. J. EDMONDSTOUNE CRANSTOUN, D.S.O., Corehouse, Lanark.  
 VICTOR JAMES CUMMING, 8 Grosvenor Terrace, Glasgow, W. 2.

- J. GORDON DOW, Solicitor and Joint Town Clerk, Millburn House, Crail, Fife.
- Miss KATHLEEN MARGUERITE DUNCAN, Gittisham Rectory, near Honiton, Devon.
- ARTHUR BLAKE EASTERBROOK, 37 Murrayfield Gardens.
- WILLIAM ROBERT GOURLAY, C.S.I., C.I.E., Kenbank, Dalry, Kirkeudbrightshire.
- DOUGLAS GUTHRIE, M.D., F.R.C.S., 4 Rothesay Place.
- EDWARD S. HARRISON, Muirfield, Elgin.
- HUGH O'NEILL HENCKEN, St John's College, Cambridge.
- Miss SYBIL HORN HENDERSON, Nether Parkley, Linlithgow.
- Rev. DUDLEY STUART HOPKIRK, M.A., B.D., B.Litt. (Oxon.), The Manse, Skelmorlie, Ayrshire.
- JAMES HOULT, 12 Brookland Road, Stoneycroft, Liverpool.
- JAMES A. HUNTER of Inchmartine, Inchtute, Perthshire.
- JOHN HUNTER of Kyles, Leverburgh, Harris.
- MURDO KERR, Factor, Lochinver, Sutherland.
- JAMES KIRKWOOD, 44 Glasgow Road, Paisley.
- HENRY LAMOND, Cleveland Bank, Luss, Dumbartonshire.
- BUCKHAM W. LIDDELL, W.S., Union Bank House, Pitlochry.
- Miss DOROTHY MARY LIDDELL, Drayton House, Sherfield-on-Loddon, near Basingstoke, Hants.
- P. J. C. MACGREGOR, 43 Castle Street.
- JOHN M. M'NICHOL, M.A., 552 St Vincent Street, Glasgow, C. 3.
- Rev. THOMAS DOWNIE MEREDITH, M.A., The Manse, Inchtute, Perthshire.
- Mrs OWEN O'MALLEY, Denton House, Cuddesdon, Oxon.
- WILLIAM SINCLAIR POLSON, 17 Craigmillar Road, Langside, Glasgow.
- JOHN EDWARD POOL, Struthers Cottage, Hurlford, by Kilmarnock, Ayrshire.
- JAMES PRENTICE, 18 Craigmillar Park.
- JOSEPH RILEY RATCLIFFE, M.B., C.M. (Edin.), F.R.S.E., 22 Wake Green Road, Moseley, Birmingham.
- Rev. A. E. ROBERTSON, M.A., B.D., 17 Cluny Gardens.
- WILLIAM CORMACK ROBERTSON, 8 Plewlands Gardens.
- ALEXANDER SIMPSON, J.P., West Bungalow, Cults, Aberdeen.
- ALISTAIR N. TAYLER, B.A.(Oxon.), 41 Emperor's Gate, London, S.W. 1.
- CHARLES TAYLOR, 13 Westland Drive, Scotstoun, Glasgow.
- Rev. WILLIAM FREDERIC VERNON, M.A., 64 Findhorn Place.

The Secretary read the following list of Members deceased since the last Annual Meeting:—

*Fellows.*

	<i>Elected.</i>
JAMES LAWSON ANDERSON, 45 Northumberland Street . . . . .	1907
JOHN BORLAND, Auchencairn, Thornhill, Dumfriesshire . . . . .	1919
Mrs BRUCE of Sumburgh, Shetland . . . . .	1907
JAMES CADENHEAD, R.S.A., R.S.W., 15 Inverleith Terrace. . . . .	1898

	Elected.
JAMES CARMICHAEL of Arthurstone, Ardler, Meigle . . . . .	1891
JOHN COWAN, W.S., St Roque, Grange Loan . . . . .	1887
HEATLEY DICKSON, C.E., F.R.P.S., 6 Eglinton Crescent . . . . .	1923
Rev. W. A. FALCONER, 2 Middleton Terrace, Ibrox, Glasgow . . . . .	1925
THOMAS L. GALLOWAY, Advocate, Auchendrane, by Ayr . . . . .	1920
ALEXANDER GARDNER, Dunrod, Paisley . . . . .	1908
JAMES GARSON, W.S., 4 Chester Street . . . . .	1916
GEORGE GREGORY, Green Den, Stonehaven . . . . .	1924
Sir PHILIP J. HAMILTON GRIERSON, LL.D., 7 Palmerston Place . . . . .	1910
Rev. KIRKWOOD HEWAT, M.A., D.D., 23 St Bernard's Crescent . . . . .	1897
Miss EUPHEMIA G. HUTCHESON, Herschel House, Broughty Ferry . . . . .	1921
Sir JOHN S. KELTIE, LL.D., F.R.G.S., F.S.A., 88 Brondesbury Road, London, N.W. 6 . . . . .	1870
JOHN MATHESON MACDONALD, Moor Hill, Farnham, Surrey . . . . .	1890
Rev. JOHN MARTIN, 9 Corrennie Gardens . . . . .	1909
T. P. MARWICK, F.R.I.B.A., 43 York Place . . . . .	1917
ALEXANDER H. MILLAR, LL.D., Albert Institute, Dundee . . . . .	1882
JAMES PURSELL, Elmhurst, Cramond Bridge . . . . .	1919
JAMES A. ROLLO, Argyle House, Maryfield, Dundee . . . . .	1905
W. G. SCOTT-MONCRIEFF, M.A., Honorary Sheriff-Substitute of Lanark- shire, Whitechurch Rectory, Edgware, Middlesex . . . . .	1889
The Hon. LORD SKERRINGTON, 12 Randolph Crescent . . . . .	1907
Rev. WILLIAM A. STARK, Church Place, Castle Douglas, Kirkcudbright- shire . . . . .	1903
CHARLES STEWART, W.S., 28 Coates Gardens . . . . .	1916
JOHN WALKER, M.A., c/o Messrs BOWIE & PINKERTON, S.S.C., 2 Stafford Street . . . . .	1909
THOMAS WALLACE, Ardlui, Lovat Road, Inverness . . . . .	1879

The Meeting resolved to record their sense of the loss the Society had sustained in the death of these members.

The Secretary read the following Report by the Council on the affairs of the Society:—

The Council beg to submit to the Fellows of the Society their Report for the year ending 30th November 1927.

<i>Fellowship.</i> —The total number of Fellows on the roll at 30th November 1926 was . . . . .	934
At 30th November 1927 the number was . . . . .	975
being an increase of . . . . .	41

There were 80 new Fellows added to the roll during the year. On the other hand, 28 died, 4 resigned, and 7 allowed their membership to

lapse. While the Council feel that the increase in the membership of the Society is satisfactory, they trust that Fellows will continue to set before their friends the advantages of joining the Society.

In the list of those who have died during the year will be found the name of Mr James Garson, Vice-President of the Society. He joined the Society in 1916, and for many years acted as our law agent. He was elected a member of Council in 1923 and a Vice-President in 1926. By his death in early middle life the Society has lost a friend and counsellor to whom it owed much. Mr A. H. Millar, LL.D., Curator of the Dundee Museum and Art Galleries and Chief Librarian, joined the Society in 1882. He was keenly interested in historical research and published a number of historical works. He contributed several papers on a variety of subjects to the *Proceedings*, his first and last contributions dealing with ecclesiastical music found in Dundee. Sheriff Scott-Moncrieff was elected to the Society in 1889, and served on the Council from 1908 to 1911. He interested himself greatly in the work of the Society and attended the meetings as regularly as his professional and public duties permitted.

*Proceedings.*—An advance copy of the *Proceedings* lies upon the table. It contains twenty-four papers, of which four deal with historical and twenty with archæological subjects.

*The Museum.*—During the past year the Comparative Gallery was opened to the public. It is hoped, however, that some of the old cases still there, which are unsuitable for the proper display of exhibits, will be replaced by new cases.

The number of additions to the collections, amounting to 490 by donation and 269 by purchase, is satisfactory, many of the objects being of great archæological importance and some unique. Amongst the donations, special mention may be made of the following specimens. The knife or spear-head of quartzite, found at Stotfield, presented by Mrs F. S. Oliver, is valuable, not only on account of its large size, but because of the material from which it is made. The three carved stone balls from Lumphanan, Huntly and Ardkeiling, given by the Misses Young, are particularly fine specimens, and differ from any in the Museum. The three cinerary urns from Seamill, presented by Miss Boyd, and the group of relics found in a Viking grave at Reay, presented by Mr Alan D. Pilkington, form welcome additions to our collections from early burial deposits. Major and Mrs Broun Lindsay have again shown their interest in the Museum by handing over a quantity of Bronze Age pottery and implements found on the estate of Muirkirk, chief amongst

the relics being a domestic vessel resembling a beaker, and a spear-head of the Arreton Down type. The hoard of Early Iron Age relics found at Wooden, presented by the Duke of Buccleuch, contains not only a collection of tools of iron, but a very beautiful enamelled cheek-piece of bronze. The sculptured stone bearing the arms of Sir Thomas Urquhart of Cromarty, presented by H.M. Board of Agriculture for Scotland, is one of the finest heraldic stones in the country. Several gaps in the collections have been filled by the gifts of eight eighteenth-century brass candlesticks by Mr Alexander O. Curle, a collection of appliances for making Communion tokens and a fine series of beggars' badges by the Rev. Dr Thomas Burns, five Laurencekirk and Cumnock snuff-boxes and eight bead purses by Miss J. C. C. Macdonald, and two fringe looms by Dr D. Hay Fleming. The collection of Scottish silver has been augmented by an Aberdeen Apostle spoon and an Edinburgh snuff-box, presented by Mr Thomas Yule; two toddy ladles and seven spoons, made in various towns in Scotland, presented by Mr Victor J. Cumming; and a Glasgow sugar-bowl and toast-rack, presented by Mr Charles E. Whitelaw. In addition, Mr Whitelaw has most generously presented a carved oak panel from Aberdeen, a falconet from Corgarff Castle, four old Scottish clocks and a small sword with silver hilt, made in Glasgow, the latter being the only recorded example of a silver sword hilt made in Scotland. The collection of Tardenoisian implements from Dryburgh Mains, acquired by purchase, is the first representative Scottish collection of such implements received into the Museum.

*Excavations.*—Work was resumed last autumn on the Roman Fort at Mumrills, in the eastern field previously opened in 1924. In view of the unexpectedly interesting features disclosed at the start of operations, on the site of the Commandant's house, the Council authorised the Committee to endeavour to extend the working season, and issued an appeal for the necessary funds. This realised the sum of £670, 8s., for which the Council desire to express their indebtedness and thanks to the donors. With the consent of the proprietor of the ground, Mr Forbes of Callendar, and of the tenant, Mr Samuel Smith, the excavators have been given undisturbed access to the area for the past year, during which time considerable progress has been made. The whole area occupied by the house of the Commandant of the camp was laid bare, and, in addition to the usual features, there was exposed an extensive bathing establishment, with cold bath, hypocausted chambers, etc. Latterly, an additional bath building has been discovered in the north-east angle of the fort, probably the men's bath. This has been exposed and found to be remarkably complete. The western limits of the fort

had previously been defined; this season the remaining limits and their defensive systems were investigated, and the gateways explored.

The thanks of the Society are specially due to Sir John R. Findlay, Bart., who has had prepared, at his own expense, and has presented to the Museum, as a permanent and readily accessible record, a model of the bathing accommodation exposed in the early part of the season. The thanks of the Society are also due to the Carnegie and Haverfield Trusts who have again contributed grants towards the cost of the excavations.

*The Library.*—The additions to the Library amount to 86 by donation and 16 by purchase. Besides these, a considerable number of publications of learned societies, etc., have been received by way of exchange and by subscription. There have been two additions to the collection of manuscripts.

*The Rhind Lectureship.*—The Rhind Lectures for 1927 will be delivered next March by Sir George Macdonald, K.C.B., LL.D., D.Litt., on Recent Research on Roman Britain. Professor A. W. Brøgger, Oslo, and Mr Reginald A. Smith of the British Museum have been appointed Lecturers for 1928 and 1929, the subject of Professor Brøgger's series to be The Ancient Connections between Scotland and Norway, both from an historical and archæological point of view, and of Mr Reginald Smith's The History of the Brooch.

*The Gunning Fellowship.*—The Gunning Fellowship for 1927 was awarded to Mr A. J. H. Edwards, Assistant Keeper of the Museum, for the purpose of visiting Museums in France and Switzerland.

*Chalmers-Jervise Prize.*—The County of Renfrew was chosen as the district for the Chalmers-Jervise Prize Essay for 1927, but no essays were submitted.

ATHOLL,  
*President.*

The Report was adopted on the motion of Mr James Curle, LL.D. seconded by Mr Robert Cross.

Mr J. Bolam Johnson, Treasurer, read the annual statement of the Society's Funds, which was ordered to be printed and circulated among the members. On the motion of the Chairman, a hearty vote of thanks was accorded to Mr Johnson for his gratuitous services.

MONDAY, 12th December 1927.

W. K. DICKSON, LL.D., in the Chair.

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

ALEXANDER MACLEOD, Free Church College, Edinburgh.

GLEN A. TAYLOR, M.I.Mech.E., 63 Lewis Road, Neath, Glamorgan.

Rev. GEORGE ELMSLIE TROUP, M.A., 22 Hermitage Drive.

The following Donations to the Museum, received during the recess, 5th May to 30th November 1927, were intimated, and thanks voted to the Donors:—

(1) By K. O. B. YOUNG, 4 Coates Crescent.

Cabinet containing the casts of 129 Scottish Seals.

(2) By CHARLES E. WHITELAW, I.A., F.S.A.Scot.

Late Sixteenth-century muzzle-loading Gun or Falconet of Wrought Iron (fig. 1). The barrel is of octagonal section, and is fitted with a

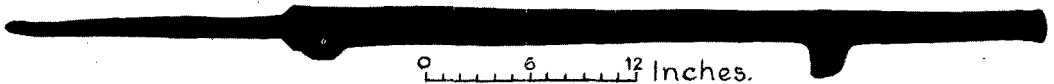


Fig. 1. Falconet found at Corgarff Castle.

breech handle, a fin or recoil block on the under side, and a priming pan on the right side. The total length, including breech handle, is 4 feet 9½ inches. The gun was dug up at Corgarff Castle, Aberdeenshire.

Carved Oak Panel which had formed part of a screen, measuring 20⅝ inches by 9¾ inches, bought in Aberdeen.

Silver Sugar-bowl, cup-shaped, with bow handle and square foot, with hall-marks, tree, bell, and fish, for Glasgow, maker's mark R. G., for Robert Gray, and date letter I (about 1785).

Silver Toast-rack, with Glasgow hall-marks, maker's mark R. G. and S., for Robert Gray & Son, King's head, George III., tree, bell, and fish, for Glasgow, lion rampant, and date letter A, 1819.



Musical Clock, in Chippendale Case, by JOHN HAMILTON, GLASGOW (1771-89). Made about 1775. Tunes played — "The Birks of Invermay," "The last Time I came o'er the Muir," "For the Sake of Gold," and "Miss Hamilton's Delight."

Astronomical Clock, in Sheraton Case, by JOHN SCOTT, EDINBURGH (1786-98). Dials by Andrew Smith. Made about 1790. The clock shows the phases of the moon, the days of the month, time of High Water at Leith, Portsmouth, The Lizard, Gibraltar, Liverpool, and The Texel, as well as the movements of the constellations.

Astronomical Clock, in Sheraton Case, by ALEX<sup>R</sup> WITHERSPOON, HADDINGTON, made about 1790, showing "The Moon's Age, the time of her Southing and time of High Water at Leith."

Skeleton Clock by DAVID STRAITON, MONTROSE (1820-37). It has a lever escapement, beating seconds, with a helical hair-spring, and a device for winding it up without removing the glass cover; made about 1820.

(3) By T. DELGATY DUNN, Dundee Technical College and School of Art.

Two Door Hinges of Wrought Iron, measuring 3 feet in length, with floriated lateral projections and terminals, found on the site of the Greyfriars Monastery, Dundee.

Old Brass Lantern, with three lights, each containing a glass with a bull's eye in the centre.

Hand Cruisie of Iron.

(4) By JOHN GILLIES, 7 Montagu Terrace, Edinburgh.

Rude Cup of Red Sandstone, measuring 10 inches in length by 5 inches in height, found 3 feet under the surface at The Roods, Kirriemuir, Forfarshire, while a trench for a Post Office cable was being dug.

(5) By WILLIAM PRINGLE, Brownrigg.

Circular Casket of Lead, measuring 14 inches in diameter, and 6½ inches in height, much broken, found on Brownrigg Farm, near Drem, East Lothian.

(6) By Dr EDWARD EWART, through Sir ARTHUR KEITH, Hon. Fellow.

Pigmy Implement of red Jasper, measuring  $\frac{1\frac{3}{8}}{10}$  inch in length; barbed Arrow-head, of light grey Flint, measuring  $1\frac{1}{2}$  inch by  $\frac{7}{8}$  inch; barbed Arrow-head, of translucent light yellow Flint, one barb broken off, measuring  $\frac{3}{4}$  inch by  $\frac{5}{8}$  inch; leaf-shaped Arrow-head, of dark red

Jasper, measuring  $\frac{3}{4}$  inch by  $\frac{1}{2}$  inch; leaf-shaped Arrow-head of white Quartz, streaked with red, measuring  $1\frac{11}{16}$  inch by  $\frac{7}{16}$  inch; Scraper of Flint, highly patinated, measuring  $1\frac{1}{4}$  inch by  $\frac{15}{16}$  inch; Scraper of grey Flint, measuring  $1\frac{3}{16}$  inch by  $1\frac{1}{8}$  inch; Scraper of light grey Flint, measuring  $\frac{7}{8}$  inch by  $\frac{1}{2}$  inch; combined End Scraper and Borer of grey Flint, measuring  $1\frac{13}{16}$  inch by  $\frac{5}{8}$  inch, and Borer of lightish yellow Flint, measuring  $1\frac{9}{16}$  inch by  $\frac{7}{8}$  inch, all highly polished by blowing sand, and found amongst the sandhills near Gullane, East Lothian.

(7) By D. J. ROSS, Merchant, Portmahomack.

Fragment of a Cross-slab of grey Sandstone, showing on one side the greater part of a cock, and the tail and hind leg of a fox, also a small part of a border panel filled with an interlaced design, measuring  $7\frac{1}{2}$  inches by  $6\frac{3}{4}$  inches. Found near the old kirkyard at Tarbat, Ross-shire.

(8) By Rev. JAMES MEIKLE, B.D., F.S.A.Scot.

Two Communion Tokens of Alyth.

(9) By Rev. JAMES M. PATTULLO, Minister of Morham.

Two Stone Whorls measuring  $1\frac{1}{4}$  inch in diameter, and  $\frac{5}{8}$  inch in height, and  $1\frac{3}{8}$  inch in diameter and  $\frac{9}{16}$  inch in height respectively, the first encircled by three incised lines. Found near the church of Morham, East Lothian.

(10) By ANGUS GRAHAM, F.S.A.Scot.

Whorl made of a shard of glazed late mediæval Pottery, measuring  $1\frac{1}{2}$  inch in diameter, found close to the shore at Altagalvash Bay, Skipness, Argyll.

(11) By Miss EDITH J. HIPKINS, 49A Sinclair Road, London, W. 14.

Snuff-mill in the form of a cylindrical mortar and a pestle, both of wood. The mortar is turned out of the solid, and measures  $4\frac{5}{8}$  inches in length,  $1\frac{13}{16}$  inch in diameter at the mouth, externally, and  $1\frac{1}{2}$  inch at the bottom. It belonged to John Grant (Iain na Lite), great-great-great-grandfather of the donor. In recent times a broad silver ring has been fixed round the centre, bearing the inscription "The Snuff Mill (Graddan) of John Grant / (Iain na Lite) Head of the Clan Chiaran c. 1745; / Given to A. J. Hipkins as the nearest representative / of the family. By the Rev. Dr Forsyth, A.D. 1900 / Stand fast Craig Chrocain." To this band the pestle is attached by a silver chain. A narrow silver hoop has also been fixed to the bottom of the mill.

Letters relating to the History of the Snuff-mill.

(12) By A. BASHALL DAWSON, F.S.A.Scot.

Matrix of old Seal of Banff, oval, measuring  $1\frac{5}{8}$  inch by  $1\frac{1}{2}$  inch, showing the figure of the Virgin standing, with the Child in her left arm, and two towers on each side; the legend—INSIGNIA VRBIS BANFIENSIS—and two fishes are engraved round the margin.

Fire Mark of Lead, of the West of Scotland Insurance Company, measuring  $9\frac{3}{4}$  inches in diameter, with a crown in the centre and WEST OF SCOTLAND round the margin, showing original gilding in parts.

(13) By JOHN M. CORRIE, F.S.A.Scot.

Iron Fork with two prongs and bone handle, decorated on both sides with lattice pattern, length  $7\frac{1}{4}$  inches, from Anstruther, Fife.

Pewter Egg-cup, measuring  $2\frac{3}{8}$  inches in height.

(14) By Major BROUN LINDSAY and Mrs BROUN LINDSAY, F.S.A.Scot.

Fragments of five Bronze Age Pottery Vessels (fig. 2) found in Hut Circle No. 2, Muirkirk, Ayrshire.

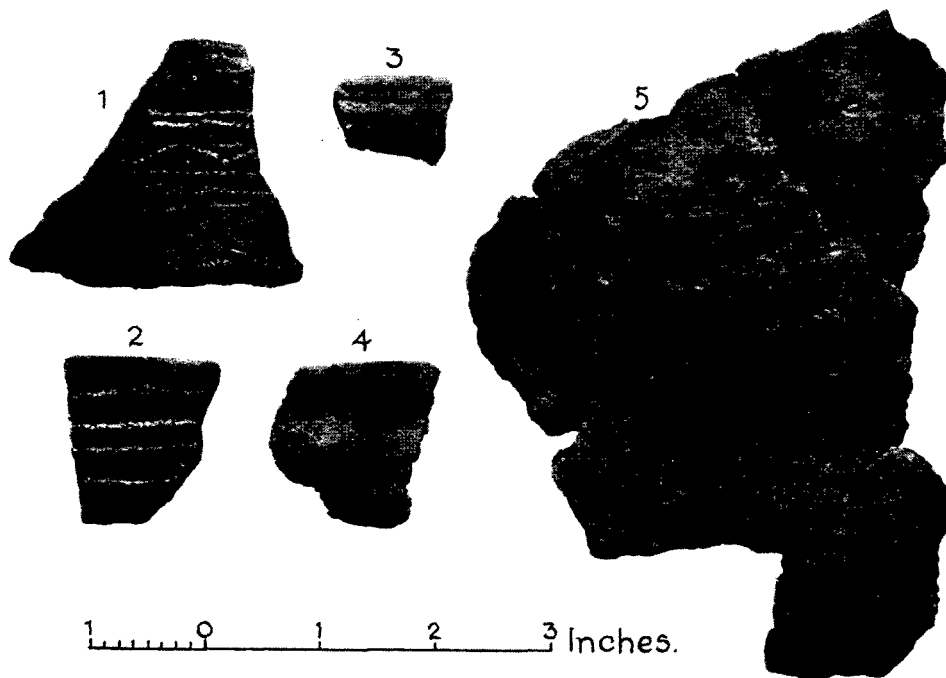


Fig. 2. Fragments of Pottery from Hut Circle No. 2, Muirkirk.

Fragments of a Vessel of coarse dark plain pottery, probably Bronze Age domestic ware; Knife or Side Scraper of grey Flint, measuring  $1\frac{7}{8}$  inch by  $1\frac{3}{8}$  inch; Knife of yellow-grey Flint, imperfect, measuring  $1\frac{5}{16}$  inch by  $\frac{9}{16}$  inch; Two Flint Scrapers, measuring  $1\frac{1}{16}$  inch by  $\frac{3}{4}$  inch and  $\frac{3}{4}$  inch by  $\frac{5}{8}$  inch; Knife of grey Stone, measuring  $1\frac{7}{16}$  inch by  $\frac{1}{16}$  inch; Scraper of green Chert, measuring  $\frac{7}{8}$  inch by  $\frac{7}{8}$  inch; Hammerstone, measuring  $2\frac{7}{8}$  inches by  $2\frac{9}{16}$  inches by  $1\frac{5}{8}$  inch; part of a Silver Button, and part of a Shoe Buckle of Brass, all found on a site occupied in prehistoric and later times, near Blackside, Muirkirk.

Piece of red Keel, or ruddle, one end faceted by rubbing, from a hut foundation on Ayr Moss, Muirkirk.

Piece of red Keel or ruddle, rubbed down by use so as to exhibit a triangular section, and foot of a Bronze Aquamanile or jug, from a hut foundation, near Muirkirk. (See *Proceedings*, vol. lxi. pp. 269-89.)

(15) By A. WILLIAMSON, 2 North St David Street.

Goffering Iron, with heater.

(16) By Miss J. C. C. MACDONALD, F.S.A.Scot.

Eight old knitted Purses: (1) of black and magenta silk, with brass clasp; (2) of brown thread and steel beads, with iron clasp; (3) of red, brown, green, and white beads, with two sliding brass rings; (4) of green, red, and white thread and steel beads, with two sliding steel rings; (5) of blue thread and steel beads, with two sliding steel rings, bead tassels wanting; (6) of blue and white thread, with two sliding steel rings, tassels wanting; (7) of green and grey thread, with two pierced brass sliding rings and a steel bead tassel at each end; and (8) of green and brown thread interplaited with brass wire, having two brass sliding rings and brass tassels at the ends.

(17) By Dr ISABELLA MACDONALD, 47 Seymour Street, Portman Square, London.

Pair of Lady's Pattens, from Dundee.

(18) By THOMAS YULE, W.S., F.S.A.Scot.

Silver Snuff-box, of curved oblong shape, covered with an engraved diaper pattern of quatrefoils, and the initials J S on the lid; it bears the Perth hall-mark, a double-headed eagle, and the maker's mark R. K. for Robert Kay.

(19) By A. D. LACAILLE, F.S.A.Scot.

Finely polished small Axe of Greenstone, measuring  $2\frac{5}{8}$  inches by  $1\frac{5}{16}$  inch by  $\frac{3}{4}$  inch, found by the donor on Dumyat, Logie, Stirlingshire, in May 1927.

(20) By JOHN GILMOUR, F.S.A.Scot.

Socketed Bronze Axe, measuring  $5\frac{3}{16}$  inches in length, and  $1\frac{3}{8}$  inch across the cutting edge, the rectangular socket encircled at the mouth by a raised moulding, with another faint moulding below, found near St Quentin, France.

(21) By Rev. THOMAS BURNS, C.B.E., D.D., F.R.S.E., F.S.A.Scot.

Collection of thirty-four Beggars' Badges and nine perforated Communion Tokens believed to have been used as Beggars' Badges; appliances for making Communion Tokens, consisting of iron punches, for Gask, 1701, Brook 460, length  $2\frac{3}{4}$  inches; Aberdalgie,  $1\frac{9}{16}$  inch in length, showing letter A; Evie and Rendall,  $1\frac{7}{16}$  inch in length, showing letter E; half of a brass mould for token of Rousay and Egilsay, Brook 963, and two interchangeable parts of brass for altering the numbers of the Tables in a token mould of Kirkmahoe parish; also a leaden cast made in the old stone (?) token mould of Alloa parish.

(22) By JAMES S. RICHARDSON, F.S.A.Scot.

Thin Plate of Bone, almost square, measuring  $1\frac{3}{8}$  inch by  $1\frac{3}{8}$  inch, perforated at each corner, found by the donor in a kitchen midden near Tain.

Turned Egg-cup of Bone, measuring  $2\frac{1}{4}$  inches in height, from Elgin.

Horn Cup, measuring  $5\frac{1}{16}$  inches in height,  $3\frac{3}{8}$  inches across the mouth, and  $2\frac{7}{16}$  inches across the base, with a silver mount round the lip, bearing the initials M. G., and date 1813, from Edinburgh.

Horn Cup, measuring  $5\frac{7}{16}$  inches in height,  $2\frac{1}{16}$  inches across the mouth, and  $1\frac{5}{8}$  inch across the bottom, the wall encircled by two interlaced bands of decoration, from Inverness.

Horn Cup, measuring  $3\frac{1}{2}$  inches in height,  $2\frac{3}{4}$  inches across the mouth, and  $1\frac{5}{8}$  inch across the base, the sides encircled with five rows of hollow facets in imitation of cut glass, bordered by two incised lines above and one below, from Inverness.

Token mould of brass, the halves of which measure  $1\frac{5}{8}$  inch square, are hinged at one end, and have a spike at the opposite end to insert into a handle. It bears a single matrix, measuring  $1\frac{3}{16}$  inch by  $\frac{3}{4}$  inch, sunk on one of the sides for casting a leaden token showing a Latin

cross between the letters H B and the date 1784 below; round the sides is a border of small pellets: on the other half is a similar design, without the border, lightly engraved, and having the date reversed. The token has not been identified, but was probably issued by an Episcopal church. Bought in Elgin.

Inscribed block of Old Red Sandstone, measuring  $16\frac{1}{2}$  inches by  $5\frac{1}{2}$  inches by  $4\frac{3}{8}$  inches, having incised on one edge a Runic inscription in

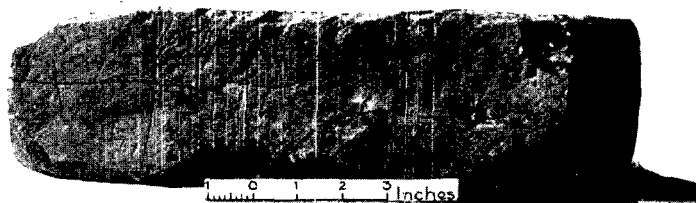


Fig. 3. Stone with Inscription in Twig Runes from Brodgar, Stenness, Orkney.

twig runes (fig. 3), found by the donor in a wall of a field at Brodgar, Stenness, Orkney.<sup>1</sup>

(23) By W. LAIDLAW MACDOUGALL, Sumburgh, Shetland.

Weaving Comb of Cetacean Bone, measuring  $6\frac{1}{8}$  inches in length, the handle flat and narrow with a discoidal lower end, the teeth all broken off, found on the shore at Jarlshof, Sumburgh.

(24) By Major G. LOCH, F.S.A. Scot.

Five Brass Ring Brooches: (1 and 2) measuring  $2\frac{7}{8}$  inches and  $1\frac{3}{4}$  inch in diameter, the rings being broad and slightly domed in the centre, one pierced with heart-shaped and other designs, the other notched round the edge and decorated with dot and circle ornamentation; (3 to 5) measuring  $2\frac{1}{8}$  inches,  $1\frac{7}{8}$  inch and  $1\frac{1}{2}$  inch in diameter, the rings of oval or octagonal section, with four narrow bands of brass wrapped round them at equal distances, the front of the ring being decorated with three lines of punctulations. From the district round Gilgit, Northern India.

<sup>1</sup> Professor A. W. Brøgger of Oslo, after consultation with Professor Magnus Olsen, writes—“There is no doubt that we have got the well-known *Kvist-runer* (twig-runes) here in this inscription. It is not the first time we have heard of such isolated runes in the Orkneys, from which it is very difficult to get any linguistic meaning. In this case it seems that the following signs are sure:—The third rune of the second “aett” (series)=T; the third rune of the first “aett”=þ; and, finally, quite isolated, the same sign as No. 2. This is all we dare say now about it.”

(25) By Mr MACKAY, Postmaster, Cullipool, Argyll.

Perforated flat, circular, waterworn Pebble, measuring  $2\frac{5}{8}$  inches in diameter and  $\frac{11}{16}$  inch in thickness, the hole countersunk and picked from both sides, found on the Island of Torsay, Argyll.

(26) By R. GADDIE, 316 Morningside Road, Edinburgh.

Stone Axe, measuring  $2\frac{13}{16}$  inches by  $1\frac{5}{8}$  inch by  $\frac{15}{16}$  inch; Mould of Steatite for casting flat bronze axes and bars; Socket-stone; quadrangular block of stone with a circular hollow in the centre of the top and bottom faces; small Quern; six Spindle-whorls; small Carved Stone Object, possibly an Idol, measuring  $1\frac{13}{16}$  inch in length, and a Flint Saw, toothed on both edges, all found in the Second City of Troy (Hissarlik).

Stone Loom Weight, transversely perforated near the top by a hole  $\frac{3}{8}$  inch in diameter, and a Lead Sling Ball, of flattened oval shape, from the Roman level at Troy.

(27) By Miss JENNY I. BROWN, 11 Hillhead Street, Glasgow.

Whetstone of Mica Schist, of rectangular section and perforated at one end, measuring  $2\frac{3}{4}$  inches by  $\frac{9}{16}$  inch by  $\frac{7}{16}$  inch, found on the moor above Heylor, Northmavine, Shetland.

(28) By VICTOR J. CUMMING, F.S.A. Scot.

Two Silver Toddy Ladles with Dundee hall-marks, DUN/DEE, a pot of lilies stamped three times, for Dundee, and maker's mark, A.C.

Silver Hash-spoon, with Glasgow hall-marks, made by Robert Gray & Son in 1828, bearing initial B on handle.

Silver Table-spoon with Aberdeen hall-mark, ABDN, bearing initial F on handle.

Silver Table-spoon with Aberdeen hall-mark, ABD and another indistinct, also maker's stamp N G for Nathaniel Gillet, 1786-1800.

Silver Table-spoon with Aberdeen hall-mark, ABD, and stamps G B and A B, having initial F on handle.

Silver Dessert-spoon with marks, a stag's head, for Canongate, Edinburgh, date letter K, an anchor and maker's name M HINCHCLIFFE, with initial I on handle.

Silver Dessert-spoon with Greenock hall-marks, on oak tree between an anchor on each side, with initial I on handle.

Silver Dessert-spoon with Edinburgh hall-marks and maker's stamp R G for Robert Green or Robert Grierson, date letter 1793, with initials E A on handle.

(29) By A. FRANCIS STEUART, F.S.A. Scot.

Carved Heraldic Oak Panel measuring 16 inches by 12 inches, and bearing the arms of Lindsay and Abernethy and the date 1621; believed to have come from a church in Fife; purchased by donor at Sir William Fraser's sale.

(30) By Lt.-Colonel JAMES MILL, R.A.M.C. (T.), 3 Eglinton Crescent.

Pewter Communion Cup with shallow bowl, baluster stem and domed foot, inscribed BELONGING TO THE ASSOCIATE CONGREGATION/ AT ST ANDREWS 1745, under the lip.

When this congregation was absorbed in the U.P. Church, this cup, one of two, was given to one of the elders, John Knox, who gave it to the father of the donor who was a United Presbyterian Minister.

(31) By Miss JOHNSTON, 2 Eyre Crescent.

Silver Luckenbooth Brooch which belonged to the great-grandmother of the donor.

The brooch, which was known in the family as a "witch brooch," was latterly only used when the children of the mother of the donor were vaccinated, at which times it was fixed in a ribbon tied to the infant's arm.

(32) By JOHN W. TAIT, 3 Ann Street.

Whetstone of rectangular section perforated at one end and broken at the other, measuring  $2\frac{7}{16}$  inches by  $\frac{7}{16}$  inch by  $\frac{1}{4}$  inch, found by the donor at the Mote of Urr, Kirkeudbright.

(33) By J. A. WILLIAMSON, The Manse, Alva.

Barbed Flint Arrow-head slightly imperfect at the point and at the end of one of the barbs, measuring  $1\frac{3}{8}$  inch by 1 inch, found by the donor in a scree in the gully to the east of Craigleith peak, on the Ochils, overlooking Alva, between the 500 feet and 700 feet contour lines.

(34) By Dr CAMPBELL, Edinburgh University.

Scraper of grey Flint, measuring  $\frac{3}{4}$  inch by  $\frac{1}{2}$  inch, found by the donor on the Pentlands, above Dreghorn, on the slope above Howden Burn, near Reindeer Cleft.

It was announced that the following objects had been purchased for the Museum:—

Axe-hammer, wedge-shaped, increasing slightly in thickness at cutting edge, measuring 6 inches in length,  $2\frac{5}{16}$  inches in breadth,  $1\frac{1}{2}$  inch in



thickness at the perforation, and  $1\frac{3}{8}$  inch at the cutting edge; the perforation is finely drilled and is  $\frac{7}{8}$  inch in diameter. Found near St Andrews.

Heavy Iron Cup of oval shape, with a spout at one end and a hook-shaped handle at the other. In the top of the handle is the hinge of a lid which is missing. It seems to have had a foot rim, most of which is broken off. A label fixed to the bottom, dated 1 Oct. 1871, states that it was found in Edinburgh Castle during excavations fifty years ago, *i.e.*, about 1820.

Pewter Plate, measuring 15 inches in diameter, with the inscription THIS IS FOR THE KIRK OF CALENDER 1779 engraved with a wriggling iron on the rim. On the back is a stamp, LONDON, and two others showing a ship in full sail, in a square panel, with the legend, (SUCCESS TO/ THE) BRITISH/COLONIES/S. MAXWELL round the sides. (Stephen Maxwell was a pewterer in Glasgow.)

One truncated Tool, one end Scraper, three Burin-like Tools and eight Notched Tools of flint and chert, from Dryburgh Mains, Berwickshire.

Belt-plate of Copper, bearing the Royal monogram G.R. with crown above and the inscription ENZIE VOLUNTEERS/BANFFSHIRE.

Pocket-book of red Morocco Leather, Constantinople work, measuring  $7\frac{1}{4}$  inches by  $4\frac{1}{4}$  inches, ornamented with foliaceous designs in silver thread, and bearing the name JOHN HOG 1727 on the inside and other lettering on the outside, also wrought in silver thread.

Old Fishing Reel, used on the Spey, measuring  $3\frac{3}{4}$  inches in breadth and  $3\frac{1}{2}$  inches in diameter.

Pair of Iron Candle Snuffers, with a brush in the pan, from Elgin.

Brass Knuckle-duster.

Turned Wooden Grattan or Snuff-mill, measuring  $5\frac{1}{8}$  inches in height,  $2\frac{5}{16}$  inches in diameter at mouth, and  $1\frac{3}{16}$  inch at base, from Elgin.

Sculptured Slab of Old Red Sandstone, measuring 30 inches by  $12\frac{3}{4}$  inches by  $3\frac{3}{4}$  inches, having incised across one edge eight groups of chevrons, lozenges and oblique lines, resembling some of the designs on Bronze Age pottery; found beside two short cists at Brodgar, Stenness, Orkney.

Highland Dirk, the wooden hilt decorated with carved interlaced ornament and capped with a brass plate which is lapped over round the edge, and decorated with a seven-pointed star engraved with a wriggling iron; the brass nut at the end of the tang is square, and notched on each side. The blade is of triangular form, and has a groove on each side, near the back, and also down the centre of the back. The dirk measures  $16\frac{1}{8}$  inches in length, and the blade 12 inches. Originally bought in a dealer's shop in Leith.

Scraper of black Flint, measuring  $1\frac{1}{8}$  inch by  $\frac{1\frac{3}{8}}$  inch, and a Flint Implement of blackish-brown colour, measuring  $3\frac{1\frac{5}{8}}$  inches by  $2\frac{1}{16}$  inches by  $\frac{1\frac{1}{8}}$  inch; the latter is of oval shape, and is formed from a thin pebble, being dressed round the two sides and one end on both faces, a considerable part of the cortex remaining. From Upper Linnabreck, Birsay, Orkney.

Axe of Felstone, with a tapering butt, ground flat on the top and bottom sides and at the butt, measuring  $3\frac{1}{8}$  inches by  $1\frac{7}{8}$  inch by  $\frac{3}{4}$  inch; two leaf-shaped Arrow-heads of greenish Chert, measuring  $1\frac{3}{16}$  inch by  $\frac{5}{8}$  inch and  $\frac{3\frac{3}{8}}$  inch by  $\frac{1\frac{1}{8}}$  inch, the latter imperfect at the point; triangular Implement of chocolate-coloured Flint, measuring  $1\frac{9}{16}$  inch by  $1\frac{3}{16}$  inch; six Flint Scrapers, measuring respectively  $\frac{1\frac{5}{8}}$  inch by  $\frac{7}{8}$  inch,  $\frac{1\frac{3}{8}}$  inch by  $\frac{7}{8}$  inch,  $\frac{1\frac{3}{8}}$  inch by  $\frac{3}{4}$  inch,  $\frac{1\frac{1}{8}}$  inch by  $\frac{3}{4}$  inch,  $\frac{1}{2}$  inch by  $\frac{1\frac{1}{8}}$  inch, and  $\frac{7}{16}$  inch by  $\frac{3}{8}$  inch; two Flint Side Scrapers, measuring  $1\frac{5}{8}$  inch by  $1\frac{1}{8}$  inch and  $1\frac{1}{16}$  inch by  $\frac{1\frac{1}{8}}$  inch; Knife of black Flint, flaked along both edges and round one end, measuring  $1\frac{5}{8}$  inch by  $\frac{7}{16}$  inch; Pigmy Implement, battered back, of green Chert, measuring  $\frac{1\frac{7}{8}}$  inch by  $\frac{1}{8}$  inch; Pigmy-like Flint Implement, measuring  $\frac{3}{4}$  inch by  $\frac{3}{8}$  inch; seven slightly worked Flints and one worked Flake of green Chert. Found on Crichton House Farm, Crichton, Midlothian, near the earth-house.

Whetstone, of square section, with a perforation near one end and also with another partially drilled from one side near the first, from Craigend, Stow, Midlothian.

Silver Snuff-box, of oval baluster shape (so-called Jacobite form) measuring  $2\frac{5}{8}$  inches in height, with the maker's mark C.D. (Charles Dickson, silversmith in Edinburgh about 1738) on the inside of the lid, and the initials J.F. on the bottom.

Two Cores of baked Claystone, measuring 2 inches by  $1\frac{3}{8}$  inch by  $1\frac{9}{16}$  inch and  $1\frac{5}{8}$  inch by  $1\frac{1}{4}$  inch by  $1\frac{3}{8}$  inch, from Dryburgh Mains, Berwickshire.



Fig. 4. Socketed Bronze Axe from Oa, Islay. (5.)

Socketed Bronze Axe (fig. 4), measuring  $2\frac{3}{4}$  inches in length and  $1\frac{3}{4}$  inch across the cutting edge. The mouth of the socket is oval, measuring  $1\frac{1}{8}$  inch by  $\frac{7}{8}$  inch, and is surrounded by two clearly defined mouldings. On each face are two ribs, extending from the moulding round the socket into the extremities of the cutting edge. The loop is complete. Found near Loch Arachaid, Oa, Islay.

The following Donations of Books to the Library were intimated:—

- (1) By A. DE MORTILLET, c/o La Librairie Universitaire, 7 Rue Danton, Paris, the Author.

*L'étamage à l'Age du Bronze en Europe.*

- (2) By S. N. MILLER, M.A., F.S.A.Scot., the Author.

*Roman York, Excavations of 1925.* Reprinted from *The Journal of Roman Studies*.

- (3) By MICHAEL C. ANDREWS, M.R.I.A., F.R.G.S., F.R.S.G.S., F.R.S.A.I., F.S.A.Scot., the Author.

*The British Isles in the Nautical Charts of the Fourteenth and Fifteenth Centuries.* Reprinted from *The Geographical Journal*, December 1926

*The Study and Classification of Mediæval Mappæ Mundi.* From *Archæologia*, vol. lxxv.

- (4) By RONALD A. M. DIXON, F.S.A.Scot.

Original Document on a Remarkable and (so far as yet known) Unique Seal of Patrick de Dunbar (fifth of that name), Earl of March, appended to a Document in 1334. By Joseph Bain, F.S.A.Scot.

- (5) By Miss EDITH J. HIPKINS, 49A Sinclair Road, London.

*In the Shadow of Cairngorm.* By Rev. W. Forsyth, M.A., D.D., Inverness, 1900.

- (6) By Dr W. E. COLLINGE.

Annual Report of the Council of the Yorkshire Philosophical Society for the Year 1926.

- (7) By the COUNCIL OF THE NATIONAL ART-COLLECTIONS FUND.

Twenty-third Annual Report, 1926. London, 1927.

- (8) By THOMAS SHEPPARD, M.Sc., F.S.A.Scot.

Hull Museum Publications: Nos. 145, 146, and 147, Record of Additions, No. 70, Hull's Art Treasures; Catalogue to the Hull Printing Trades Exhibition, held March 17th to April 9th, 1927.

No. 124 (new edition), Wilberforce House, Its History and Collections By the donor.

No. 148, Record of Additions.

No. 149, Yorkshire Silver Tokens, etc., in the Hull Museum. By the donor.

(9) By W. DOUGLAS SIMPSON, M.A., D.Litt., F.S.A.Scot., the Author.  
The Historical Saint Columba. Aberdeen, 1927.  
The Palace of the Bishops of Moray at Spynie. Elgin, 1927.  
Huntly Castle. Second edition. Huntly, 1927.  
Dunnottar Castle, Historical and Descriptive, An Illustrated Guide  
Book.

(10) By HIS MAJESTY'S GOVERNMENT.  
Register of the Privy Council of Scotland. Vol. x., 1684-5.

(11) By the INSPECTOR OF ANCIENT MONUMENTS AND HISTORIC  
BUILDINGS.  
Ancient Monuments Consolidation and Amendment Act, 1913. Sixth  
and Seventh Lists of Monuments (to 31st December 1925 and to 31st  
March 1927, respectively).

(12) By ROBERT MURDOCH LAWRENCE, F.S.A.Scot., the Author.  
John Ross, Composer, Aberdeen, his Circle and Work. Aberdeen, 1927.  
In Coaching Days. Aberdeen, 1927.

(13) By W. MACKAY MACKENZIE, M.A., F.S.A.Scot., the Author.  
The Mediæval Castle in Scotland. Rhind Lectures in Archæology,  
1925-6.

(14) By JAMES RITCHIE, M.A., D.Sc., F.R.S.E., F.S.A.Scot.  
Some Antiquities of Aberdeenshire and its Borders. By James  
Ritchie, F.E.I.S. With an Introduction by his son, the donor.  
Edinburgh, 1927.

(15) By the Rev. Canon R. C. MACLEOD OF MACLEOD, the Author.  
The Macleods of Dunvegan, from the Time of Leod to the end of the  
*Seventeenth Century*. Edinburgh, 1927.

(16) By the COMMITTEE TO THE COUNCIL.  
City of Norwich. The Report of the Castle Museum Committee to  
the Council, 1926.

(17) By A. FRANCIS STEUART F.S.A.Scot., the Author.  
Patrick Lindesay, the Jacobite: founded on his Letters in the possession  
of the Earl of Lindsay. Edinburgh, 1927.

(18) By the ORKNEY ANTIQUARIAN SOCIETY.

Proceedings of the Orkney Antiquarian Society. Vol. v.

(19) By the DEPARTMENT OF ANTIQUITIES FOR PALESTINE.

Palestine Museum, Jerusalem, Bulletin No. 2 and No. 3. 1926.

(20) By the FOUNDER AND DIRECTOR, Wellcome Historical Medical Museum, through John D. Comrie, M.A., B.Sc., M.D., F.R.C.P., F.S.A.Scot., the Author.

History of Scottish Medicine to 1860. Research Studies in Medical History, No. 4, 1927. London, 1927.

(21) By ARTHUR J. H. EDWARDS, F.S.A.Scot.

Catalogue illustré du Musée des Antiquités Nationales au Château de Saint-Germain-en-Laye. Par Salomon Reinach. Tome II. Paris, 1921.

(22) By the CURATOR OF THE MANX MUSEUM.

Journal of the Manx Museum. Vol. i., No. 12, September 1927.

(23) By Dr G. F. BLACK, Corresponding Member.

Beihefte zum Alten Orient, Dolmen und Mastaba. By Elise Baumgärtel. Leipzig, 1926.

Effigies of a Knight of Santiago and his Lady in the Collection of the Hispanic Society of America. New York, 1927.

A Boxwood Triptych in the Collection of the Hispanic Society of America. New York, 1927.

The Tombs of Don Gutierre de la Cueva and Dona Mencia Enriquez de Toledo in the Collection of the Hispanic Society of America. New York, 1927.

Hispano-Moresque Ivory Box in the Collection of the Hispanic Society of America. New York, 1927.

Figures of the Madonna of Trapani in the Collection of the Hispanic Society of America. New York, 1927.

(24) By JAMIESON B. HURRY, M.A., M.D., Heathlands, 12 Grove Road, East Cliff, Bournemouth, the Author.

Imhotep: the Vizier and Physician of King Zoser, and afterwards the Egyptian God of Medicine.

(25) By F. S. FERGUSON, F.S.A.Scot., the Author.

Relations between London and Edinburgh Printers and Stationers (— 1640). London, 1927.

It was announced that the following Books had been Purchased for the Library:—

Norsk-Engelsk Ordbog av J. Bryhildsen. Kristiania, 1917.

Transactions of the Cumberland and Westmorland Antiquarian and Archæological Society. Vol. v., parts i. and ii., Old Series. Vol. xiii., New Series.

Reallexikon. Ebert. Vol. viii. and vol. ix.

A Great Free City: The Book of Silchester. By James Thomson, F.S.A.Scot. 2 vols.