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SOTHEBY, WILKINSON & HODGE, 34 & 35, NEW BOND STREET, W. (1)

CATALOGUE

OF THE

WELL-KNOWN & REPRESENTATIVE COLLECTION

OF

PRE-HISTORIC ANTIQUITIES, ETC.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena

Days of Sale.

FIRST DAY	Monday,	17th November	. Lots 1 to 226
SECOND DAY	Tuesday,	18th November	. Lots 227 to 448
THIRD DAY	Wednesday,	19th November	. Lots 449 to 667
FOURTH DAY			

1924.

TERMS OF SUBSCRIPTION FOR MESSRS. SOTHEBY'S CATALOGUES, FOR ONE SEASON.

PLAIN CATALOGUES.

(To includ	e postage)	l.
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Antiquities (Primitive, Egyptian, Greek, etc.)		0	1	6
Autograph Letters (() () (()		0	2	0
Books and Manuscripts		0	5	0
Coins and Medals		0	-	6
Engravings, Etchings, Drawings and Pictures	3-11	0	4	0
Japanese Colour Prints and Works of Art		0	1	0
Persian Drawings and Works of Art		0	1	0
Works of Art (including Armour, China, Furniture, Glass,				
Jewellery, Miniatures, Silver Textiles, etc.)		0	4	0
A CALLON HOME CONTRACTOR	7.			-
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Autograph Letters				0	5	0
Books and Manuscripts				2	0	0
Coins and Medals				.0	10	0
Engravings, Etchings, Drawings a	and Pictures			1	0	0
Japanese Colour Prints and Wor	ks of Art			0	2	6
Persian Drawings and Works of	Art	,		0	2	6
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Jewellery, Miniatures, Silv			·············	1	0	.0
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BUYER F. Weft.
AUCTIONEERS Satheby

Second Day.

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BUYER & Webby

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CATALOGUE

OF THE

WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, etc.

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena,

COMPRISING

MANY EXAMPLES FROM EARLY INHABITED SITES;

OBJECTS FROM THE EARLY FACTORY OF WEAPONS, IN BASALT, NEAR CUSHENDALL;
FINE SPECIMENS OF FLINT AXES, KNIVES, SPEARS, &c.;

BRONZE CAULDRONS, SWORDS, DECORATED SPEAR HEADS AND MOULDS;

POTTERY FOUND IN BARROWS OF THE BRONZE AGE;

CELTIC ANTIQUITIES, IN BRONZE AND IRON, INCLUDING RING BROOCHES, BELLS, AND BEADS IN GLASS AND AMBER;

ALSO

OBJECTS OF LATER PERIODS, INCLUDING RARE CHARMS FROM IRELAND, A FINE TIKI FROM NEW ZEALAND, &C.

WHICH WILL BE SOLD BY AUCTION BY MESSRS.

SOTHEBY, WILKINSON & HODGE,

The Rt. Hon. Sir Montague Barlow, Bt., K.B.E. G. D. Hobson, M.V.O. F. W. Warre, O.B.E., M.C. C. G. Des Graz, B.A. Miss E. Barlow.

Auctioneers of Titerary Property & Morks illustratibe of the Fine Arts.

AT THEIR LARGE GALLERIES, 34 & 35, NEW BOND STREET, W.(1)

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AT ONE O'CLOCK PRECISELY.

MAY BE VIEWED TWO DAYS PRIOR.

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- II. No person to advance less than 1s.; above five pounds 2s. 6d., and so on in proportion.
- III. In the case of lots upon which there is a reserve, the auctioneer shall have the right to bid on behalf of the seller.
- IV. The purchasers to give in their names and places of abode, and to pay down 10s. in the pound, if required, in part payment of the purchase-money; in default of which the lot or lots purchased will be immediately put up again and re-sold.
- V. The sale of any lot is not to be set aside on account of any error in the enumeration of the numbers stated, or errors of description.
- VI. The lots to be taken away, at the buyer's expense, immediately after the conclusion of the sale; in default of which Messrs. Sotheby, Wilkinson & Hodge will not hold themselves responsible if lost, stolen, damaged, or otherwise destroyed, but they will be left at the sole risk of the purchaser. If, at the expiration of Two Days after the conclusion of the sale, the lots are not cleared or paid for, they will then be catalogued for immediate sale, and the expense, the same as if re-sold, will be added to the amount at which they were bought. Messrs. Sotheby, Wilkinson & Hodge will have the option of re-selling the lots uncleared, either by public or private sale, without any notice being given to the defaulter.
- VII. Upon failure of complying with the above conditions, the money required and deposited in part of payment shall be forfeited, and if any loss is sustained in the re-selling of such lots as are not cleared or paid for, all charges on such re-sale shall be made good by the defaulters at this sale.

Gentlemen, who cannot attend this Sale, may have their Commissions faithfully executed by their humble Servants,

SOTHEBY, WILKINSON & HODGE,

34 & 35, New Bond Street, London, W. (1)

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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and coun tries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

PREEMOE.

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CATALOGUE

THE WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, Etc.

CHIEFLY FROM IRELAND.

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A. of Flixton Place, Ballymena.

DAY'S SALE. FIRST

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

LOT

- Thirteen good flint Knives; and nine unfinished Spear Heads, on 20/ Funtary 1
- Three unusually long Flakes; and eighteen others, with worked butts, 18 /-2 on three cards

Twenty-nine Flakes, with worked butts, on two cards

25 25

A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates 12-14).

20/_5	A fine Knife; two Scrapers; three Cores; five Borers; three place Flakes; and a Knife with incurved cutting edge (all illustration in the same Journal as previous lot)	
157-6)	Eight flint Axes of "Kitchen Midden" type, rare	826/- haylor
7	Eight hollow Scrapers; eight Borers; and four knives, all go specimens	00 -0
8	A similar lot, also good	2024/- Fenton.
9	Another lot, also good	20 21/-
10	Six unusually good Scrapers, found together at Port Glenone; for Cores; six Knives; and four "Points," a good lot	our 24/- 20
11	Twenty tanged Knives; a Scraper; two Fabricators; twelve of Knives; and six pointed Implements	her ±8/2 & ldse 40
12/-12	A similar lot	4024/ Lowers.
10/-13	A similar lot	4028/ teloler.
10/-14	A similar lot	4021/- Elder
157-15	A similar lot	40 20/-?
16	A similar lot	40 2 gs haylor
17	A similar lot	40 18 f fawring
E4-18	A similar lot	4016- W.
19	A similar lot	40 16 - W.
20	A simila lot	40 2/10/ May a
21	An unusually fine Borer or Pick; a large Flake, with worked sid four Fabricators; two Cores; two Scrapers; ten tanged Kniv sixteen "Points"; a flint Adze; and a small Axe	
26/-22	A curious flint Chisel, with ground edge, rare; a smaller examp four roughly chipped Axes; a Pick; ten pointed Implementand four others	
20/_23	A curious Core, with paleolithic patina, found at Culbane; twe other Cores; three hollow Scrapers; ten Knives; twelve "Point and twelve typical Flakes	
16 - 24	Twelve Cores; seven "Points"; six Knives; and twenty Flakes	45 24) haylon
10/_25	A similar series	45/8/- 9
26	Another series	45 16/-
27	Thirteen Cores; six "Points"; six Knives; and twenty-	five 28/- hay be

		,
28	Twenty Cores; six Knives; and fifty Flakes	· 76 22/-b,
29	One hundred typical Flakes	10020/./.
20/- 30	One hundred-and-thirty similar Flakes	130 26/-W
137-31	One hundred others	100 20/- Finton
26/-32	One hundred others, with secondary chipping, an interesting lot	100 26/ Luwrence.
33	Eighty-one others, many with secondary chipping, including illustrated in Jour. R. I. A., vol. XXX, pl. 12, fig. 11	one 23/- 6
34	Thirty very fine Flakes; found in the Bann at Coleraine	30 2/4/ haylow.
157_35	Eighty unusually fine Flakes, some with secondary chipping illustrated)	(one 18/ Lawrence.
20/36	A coarsely chipped "Point" of Moustierian form; found at Cult rare (Ill. in Jour. R. I. A., vol. XXX, pl. 13, fig. 42)	pane, 3 - -?
20 37	Ten Axes of "tranchet" type; found in the Bann, rare	10 2/12/- haylon.
20[-38]	Another series	10 24/ Elder
187-39	Another series	10 22/ W.
157-40	Another series	10 22/-W.
20/41	An Implement, with paleolithic patina; and nine "tranchet" Axes	10 26/-W.
20/42	A finely worked "Point" (Ill. Jour. R. I. A., vol. XXX, pl. fig. 44); a finely chipped "tranchet" Axe (Ill. R. S. A. I., vol. pl. 144, fig. 6); another (same Journal, fig. 7); two Ovates; six "tranchet" Axes	III, 2/10/2?
43	A series of polished Axes and other Implements, some doubtful	13 22/-
44	Twenty stone spindle Whorls	20 38/-
45	Twelve plain Hone Stones; and eight others, with perforations	20 40 /- 16.
46	A similar lot	20 4/2/chaylor . 20 2/18/- W.
47	Ten plain Hones, and ten perforated examples	20 2/18/- W.
357_48	Seven plain Hones; two perforated "tracked" Stones; six forated Hones; a stone Pendant; a decorated Stone, with perforations; and a grooved Whetstone	two 4/17/6 haylor.
7/_ 49	Fifty Flakes, some with secondary chipping	50 26/- W.
357.50	A Handle for an implement, made from the root of a tree, of glob form, with conical socket for the insertion of a flint, 2 in. lo found at Culbane, extremely rare, if not unique (Ill. Jour. R. I. vol. XXX, pl. 13, fig. 24)	ong; 2/-/- 7

WHITE PARK BAY SITE.

	WILLIAM THE DATE OF THE	
8/-51	A series of Cores, Scrapers, and other Implements about 100	34/- Kula
20/-52	A similar series about 100	28/-W.
53	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers 38	20/-6.
54	A series of Scrapers, including some hollow varieties; and several small Axes	24/Low
55	Seven tanged Arrow Heads; two Scrapers; and a Flake (several illustrated in Jour. R. I. A.)	20/-
7/- 56	Sixteen Scrapers (also illustrated)	10/ Loweren
20/- 57	A tanged Implement (illustrated); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements 44	22/- hayle
7/- 58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; all found at Portstewart 40	22/-126
59	A series of notched Scrapers, and Knives; White Park Bay 38	19-10 leter
60	Three well chipped Knives; fourteen Borers; and seven other Implements 24	1427
61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (illustrated); seven Cores; and twenty-six other Implements 54	37
	the last over 17 with deminstrated restons 10 with \$2.20	
	PORTSTEWART SITE.	
62	Fifty Scrapers; twenty Cores; and thirty Flakes 100	20/W.
63	Two Axes of "Midden" type (one Ill. Jour. R. I. A.); ten Knives; five Pounders; and thirty-one other Implements, some good 48	99/16/64
64	Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, all good 13	20/
65	A series of Scrapers, of varied types about 150	28/-2
66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; found on Dundrum Sandhills 57	101
40/67	An interesting series of roughly chipped Implements of basalt many of scraper form; found at Tievebullagh	
68	Fourteen Implements, of quartzite; found at Maghera 14	

Sixteen small Pebbles, found together at Portstewart; nine Cores and twenty-six Flakes, from Dundrum; and fifteen others, some from Portstewart A group of Scrapers and Flakes, from the "black layer" at White Park Bay; and six Flakes of light weight, from Culbane a lot

in basalt

Three tanged Knives; a chisel-ended Arrow Head; a Scraper; a Hammer Stone of quartzite (Illustrated R. I. A., 1901); and 2 a number of other Implements; found on the sandhills at Narin, Co. Donegal a lot

FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR CUSHENDALL, CO. ANTRIM.

	ooding of many	
72	One hundred "Axes in the making"; and twenty spherical Han	
	Stones, all of basalt	120 290
73	A similar series	120 2/3/1-
74	A similar series	120 4/10/10000
44-92-75	Another series	120 2/6/-?
(38/-) 40/(76)	Another series	120
50/ 40/ (77)	Another series	120
40/- 78	Another series	120 2/4/- Kuler
40/- 79	Another series	120 2/6/- Fenton
80	Another series	1202/4/-6.
81	Another series	120 +2/-6.
82	Another series	120 84/
. 83	Another series	120 32/1-1 W
84	One hundred unfinished Axes	100 24/5/- 10
257_85	One hundred, similar	100 3/5/- Fenton
252.86	Another lot, similar	100 3 4- Lenter
30/-87	Another series	100 34/- Keeter.
30/88	Another series	100 40 /- W.
257.89	Another series	100 39- Keelen.
20/-901	Another series	100 36/- W.
91	Another series	10032 - W.
92	A number of broken Axes; others "in the making"; a few fl and some rather well-chipped examples of unfinished Axe	akes; 2/4/-W

20,00	- LV			
93	A series of Needles and other Bone Implements, chiefly found White Park Bay; Bones of the Great Auk and the Ganne also from White Park Bay 7/5/- Foster: a least of the Ganne also from White Park Bay 7/5/- Foster:	et,		
94	Two perforated stag-horn Implements, rare; a piece of Horn wincuts on side, and a Flint found with it (which fits the cuts two notched Bones; a Tusk; two parts of Horn Picks; Hum Bones; and six decorated fragments of Bronze Age Pottery; a found at White Park Bay	an all		
357-95]	Several worked Bones and fragments of Stag's Horn; decorat fragments of Pottery, from Portstewart; Pottery Fragmen from Dundrum; and a small box of Teeth and Shells, from	ts, §	110/- W.	
30/-96	A lump of Red Ochre, found at Culbane; a Celtic Bronze Pin, wi decorated head, Portstewart; specimens of Mud, from List croghera Crannog; Red Paint, found at Portstewart; three ear Palettes; four lumps of Ochre; and a perforated Stone Penda all from White Park Bay, an interesting lot	na-	15/- W.	
97	Sixty Flint Objects, considered by Mr. Knowles to be Eolit showing various stages of chipping (one having marks of glaciation its flaked surface), from Larne and other localities		15/haglor	The state of
98	Sixty other similar Objects, same localities	602	b)-le-	
99	Fourteen pick-shaped Implements: thirteen Flakes and five Corwith palæolithic patina, from Larne, etc. A similar lot	es, 29	28/-W	-
100	A SIMILAT 100	40	.,	
ARR	OW HEADS & OTHER IMPLEMENTS OF FLIN	Т,		
	FOUND IN COUNTIES DOWN AND ANTRIM.	*		
257- 101)	Sixteen very fine barbed Arrow Heads; and five others, windented bases, on three cards	ith 21	4) / Silde	
75]_ 102]	Forty-eight barbed and stemmed Arrow Heads; and forty-others, in black basalt? of varied types, found at Ballinale rare, on six cards		1/5/ haylo	2
50[-103]	Nine kite-shaped Arrow Heads; nine good examples of la barbed Arrow Heads; twelve stemmed specimens; eighte indented examples; and nine others, on six cards	een/	9°W.	

Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards 60

of varied types, on five cards

105	Ninety-two Arrow Heads, of varied types, on six cards, some 6/15/2 W.
106	Ninety-five others, of varied types, on five cards, some fine 95 8 /1 8/- W.
107	Eighty-eight others, similar, on five cards, some very fine 88 8/15/ Ruler.
40/- 108	Fifty-seven others, of varied types, on five cards, some good 57 5/10/ Edder.
401-109	Sixty-three others, some with polished faces, on five cards, a very good lot 63 7/5/-?
50/-110	Seventy-three others, some rare forms included, on six cards 73 6/15/- W.
50/-111	Seventy-six others, varied, on five cards, some very fine 76 6/5/- 7
40 [-112]	Fifty-three others, of varied types, some fine examples included, on 5/-/- Lawrence 53
113	Seven leaf-shaped Spear Heads, of early form; and fifty-eight 7/10/2 Keeler others, varied, on five cards, some fine 65 7/10/2
114	A fine Lance Head, 5 in. long, with both faces ground; five others; and fifty-eight specimens, of varied form, on five cards
115	An extremely interesting leaf-shaped Arrow Head, showing the scars of the shaft; a barbed specimen, mounted in a piece of an American bone shaft; a fine serrated Arrow Head; and fifty-nine others, on five cards, many fine specimens included 62
116	Sixty-one varied examples of Arrow Heads, on five cards, some fine 61. 5/16/2 Keeler.
117	Nine unusually fine lozenge-shaped Lance Heads, some of early form; and fifty-six others, of varied types, on five cards 65
¥18	Sixty-nine selected examples of Arrow and Lance Heads, some extremely fine lozenge and other forms included, on five cards 69
50/_119	Nine good lozenge-shaped Lance Heads, some partly ground; and 5/18/- Lawrence sixty-nine others, of varied types, on five cards
80/_120	An extremely fine leaf-shaped Lance Head (used in curing cows); and eight others, all fine, on one card * The "elf dart," or arrow, was popularly credited in Ireland with having the power to cure sick cattle. (See Evans' Ancient Stone Implements, second edition, p. 365).
70/-121	A lozenge-shaped Lance Head, in dark flint, having a light-coloured scar in the centre of the blade, 3\frac{1}{2} in. long, found in Craig Bog 2 fractions (see Jour. Soc. Ant. of Scotland, vol. XLIII, fig. 3, p. 280);

Lor 1	21—continued. another of more slender form, with a similar scar (also it trated); and two others, with scars; all found in Co. Antron on one card * The interesting missiles showing the scar of the original arreshaft, are of the highest rarity.	im,	
50/122	Portion of the wooden Shaft of an arrow head, with the original binding of sinew, found in Kanes Town Bog, also of the high rarity (see Jour. Anth. Inst., vol. XXXIII, p. 55)		8/-/hoylor
50/123	A leaf-shaped Lance Head, showing scars of the shaft, 3 in. lo found at Curncarney, near Kells; and another of broad loze form, with similar scar, also of great rarity		10/-)- haylon.
124	Two others of javelin head type; and two smaller specimens, showing similar scars; Co. Antrim	all	6/15/-
125	A coarsely chipped lozenge-shaped Flint used for curing cattle; for Craigbally (see previous note); and two small Arrow Heads	on 3	6/15/-W.
126	Twenty-five selected Arrow Heads of varied types, all very fine	25	3/5/- Elele
127	A similar lot	25	4/-1. Lawreng
127A	A similar lot	25	£ 5/5/- Year
36/_ 128]	A similar lot	25	6/1/13
30/_129	A similar lot	25	6/10/. hewa
30/130/	A similar lot	25	61-1-16 lder.
30/_131	A similar lot	25	4/15/Fantin
30/132	A similar lot	25	4/10/- Fenton.
20/-133	A similar lot	25	4/5/ hostore.
134	An unusually fine kite-shaped Lance Head, with extremely delic chipping, and remains of polishing on the two faces, 6 in. lo found in peat between Bellaghy and Castle Dawson [Pl. 1]		25/-/-
135	Another, with strong angular projections towards the base, chip only (repaired), 5\frac{1}{4} in. long, found at Glenleslie [Pl. I]; and finely chipped lozenge-shaped Lance Head, 4 in. long, found Ballyvady	da	10/-
136	Another, in grey flint, most delicately flaked, with polish on b faces, $5\frac{7}{8}$ in. long; found at Tyhorney [Pl. 1]. * Both Nos. 134 and 136 are illustrated in Jour. Anth. Inst., XXXIII, pl. XI.		25 - -

137	A finely chipped Knife, 34 in.; three "Points à cran" of Soluti	
	type; nine Arrow Heads; two other Knives; four other Implements	
07	ments, found at Portstewart and Grangemore; a leaf-shape Lance Head; and a leaf-shaped Blade, 35 in. long, found of	3/10/4 (SECENCE.
	Watercloney, both fine	
138	An interesting series of seventy leaf-shaped Arrow Heads; C	0. 2/- /- by ldm
	Antrim 7	0 7/1 00000
139	A similar series 6	9 3/5/- Blaten
357-140	Another series 7	0 3/15/- Elder.
141	A similar lot	04/-/-
142	A similar series 7	0 4-7 "
143	A similar lot 7	0 3/-/- Lowerence.
144	A similar lot, some fine	0 3/15/- bloker.
145	A similar lot, some fine	0 3/10/ Keeler.
146	Another series, chiefly of the barbed and indented types, som	ie 1. /10/-W.
200	fine	0 4/ 1/4/1/1
147	Another series, similar	0 5/- /- 500000
148	Another lot, similar 7	0 4/5/- hagear.
149	Another lot, similar	0 2/15/- Keeler.
50/- 150	Another lot, similar	0 3/10/- ?
151	Another lot, similar 7	0 4/1-1- Elder.
152	Another lot, similar 7	0 4/1/-, W.
153	Another series of selected varied types 7	0 3/15/- Fenton
154	A similar series 7	0 4/5/-
155	A similar series, very good 7	0 4/-/- Lawrence
156	A similar lot, including a tiny example, all good 7	0 3/1/6/- Kerler.
157	A similar lot, all good 7	0 3/5/-
158	Another good lot, including several serrated examples 7	0 3/-/-
159	Another series of varied types 7	0 3/1. /. Fenton.
160	Another series, similar, some good 7	0 3/8/ hadlon.
161	Another series, several serrated	0 3/15/- Lenton
162	Another series, some very fine	11/1/11
163	Another series 7	1441
	Another series, some fine	1112/1
164	Allouder sories, some perc	of Tenron

165	Another series, some fine	70 2/15/-
50/- 166	Another series, many fine, including a fine lozenge-shaped A	rrow / // 7
	Head	70 4/15/-
167	A similar series, some very fine	70 \$ 10/ 2 ld
168	Another lot, chiefly of leaf form, some very fine	703/5/- , - ~
169	Another series, some very fine	703/5/- "1
170	Another series, including many barbed varieties	70 3/5/haylor.
171	An interesting series, including a lozenge-shaped Lance Heat unusual size, and some rarer varieties of Arrow Heads	d of 3/18/- Keeles
172	Another lot, including many fine barbed specimens	703/15/-W.
173	Another lot, some fine Lance Heads included	703/10/Keeler
174	Another series, including many varieties	703/5/- hoylor.
175	Another lot, varied types, some very fine	70 2/15/- Heneryn
176	Eighty-seven leaf-shaped Arrow Heads of varied types	87 4/1/. Fenton
177	Another lot, similar	87 3/3/- Heeler
178	An interesting series of leaf-shaped, indented and partly finitary Heads; Co. Antrim	shed 3/10/W-
68/- 179	Another series of Arrow Heads of varied forms, some of rich colour, others made of basalt (?), many of them beautifully chip all with Antrim localities	
180	Another series of varied forms; found at Culbane	502/15/haylore
181	A lot of fifty-three Knives, Spears and Arrow Heads, some in cess of manufacture	pro- 533/-/- Keeler _
182	Another series of Spear Heads, showing various stages of management facture	66 3/ /
183	A large series of Spear and Arrow Heads, tanged and barbed, leaf-shaped; found in the Bann	and 3/16/hayler
184	A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ in. long; another of loze form, $3\frac{3}{4}$ in. long; a Knife, with grinding on one face; and e others; all from Antrim, a good lot	enge 7 5 / Fulton
185	Another lot, similar	20 4/5/
186	A similar lot	20 4/5/ Karling 27 2/15/ Karling 21 2/15/ haylore
187	A similar lot, some fine examples included	21 2/15/haylost
188	Another lot, similar	372/5/- Heler.

	189	A Spear Head, of elongated kite form, well chipped, of unusual large size, 7½ in.; found at Carndoo (Ill. Jour. Anth. Inst., XXXIII, pl. VIII) [Pl. 1]	ally vol. 10/-/-
	190	Implement, of broad leaf form, well chipped, $6\frac{7}{8}$ in. long; found Brougham (perhaps an unfinished axe), interesting	7
	191	Twenty very fine chipped Knives, of varied form	20 3/-/ Blown.
	192	A similar lot	20 3/15/-
	193	Another lot, very fine	20 3/-/- Eloler. 20 3/15/- 30 3/10/- Lawrence
	194	A selection of leaf-shaped Knives; tanged examples; and Bore all good A similar lot A similar lot	ers, 3/5/. Eldve
	195	A similar lot	40 2/15/ Keeler.
	196	A similar lot	40 2/5/- Kulier.
	197	A similar lot	40 3/5/- Kulin.
35%	198	A similar lot	40 42/. W.
-	199	A similar lot	40 38/- Lawrence.
	200	A similar lot	4035/- Keeler.
	201	A similar lot	40 30/-
	202	Fifteen unusually fine leaf-shaped Knives; and six unfinist Knives or Spear Heads, on two cards	hed 3/15/- W.
	203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Kni on two cards	ves, 4/15/- W
	204	Another series, varied, on four cards	36 3/15/- W.
	205	A fine serrated leaf-shaped Knife; twenty-one others; and tweetanged Knives, on three cards	34
	206	Another series, assorted	50 2/5/- huylon.
	207	A similar lot	50 35/-
	208	Twenty selected examples of Knives	20 35/ Challer
	209	A similar lot	20 40/- "
	210	A similar lot	20 33/- Keeler -
	211	A similar lot	20 3/-/- W.
	212	A similar lot	20 30/- Lawrence.
	213	Seventeen fine Knives; three very fine tanged examples; and se very fine Borers	even 2/12/6 W.

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501	214	A Knife, of chipped flint, with rounded sides and square end unusually fine workmanship, $3\frac{7}{8}$ in. by $3\frac{1}{4}$ in.; found in Carr Bog, extremely rare [Pl. 1]	
50	215	Another, of similar form, with ground surface, $3\frac{3}{8}$ in. by $3\frac{1}{8}$ in Glenish; and part of another, also rare Another, similar, of good form, partly polished, with one straight, $2\frac{3}{4}$ in.; and another, smaller; both from Glenleslie	2 haylors.
	217	Another, with semi-circular cutting edge and well ground surface $2\frac{1}{2}$ in. by $2\frac{1}{2}$ in., from Glarryford; and another, equally fine, from Glenbush [PI. I]	1 10000
367	218	Three ground Knives, of unusual type, from Culbane and Poglenone, also rare	rt- 6/15/-
	219	Four others, in good condition, Portglenone and Kilrea, also rar	e 45/15/W
	220	Another, of discoidal form, well chipped, $2\frac{1}{2}$ in. diam., Rathkenn and four others	1y; 5 3/10/-
201-	221	A leaf-shaped Lance or Knife; six Knives, some ground; and a la Scraper	830/. 11 1
	222	Forty leaf-shaped Knives, many good specimens included	40 2/-/-
	223	A similar lot	40 34/-
	224	A similar lot	40 2/-/- porpler
	225	Forty others, similar	402/2/- Alden
	226	A similar lot	4030/-
			And le

\$ 2865/E

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

	LOT	tong glangs not replicate and
	227	Twenty very fine leaf-shaped Knives 20 24/- fawtence.
	228	Twenty similar 2020/- Lawyence .
	229	Another lot of Knives, also fine 26,8/-
	230	A large series of Scrapers; from the Sandhills at Dundrum about 350 35/ Keeler.
	231	Thirty good Scrapers, Culbane; and over one hundred others, found about 130
	232	A hoard of fine Scrapers, of varied types; found in Carriff Bog 70 5/-/- haylor
	233	Another hoard; from Tullynahinion 603/5/- Hanway.
	234	A similar find; from Carriff Bog 40 4/- haylord
	235	A large number of Scrapers; found at Glenleslie and other locali-
	236	A similar series a lot 2/18/- Keeler.
	237	Forty selected Scrapers, all fine 40 20/-
	238	Another series, equally good 40 24
	239	Thirteen hollow Scrapers; a Knife; three others, found at Three Towns Braid; sixteen hollow Scrapers, found under a stone at 5/- Glenhead; and eight Implements, from Maghery, an interesting lot, in three boxes 41
	210	Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins 65
30/	_241	About 260 small Scrapers; all found in Ireland 2/16/- Keeler
01-	242	A hoard of 138 Scrapers; found together at foot of a peat bank at 6/10/hoylor.
01-	-243	A series of Scrapers, some circular, others hollow, some of button form, and others; Cullybackey, and other localities, on ten 5/10/ keeles cards

	20 - 244	Five fine ochreous Scrapers, found together near Connor; and others, found at Dunboy	five 34/ Kulin
	30 245	A hoard of seventeen fine Scrapers; found together in a hole bog at Beggarstown	in a 34/ hay lan
	30 -216	An interesting series of hollow Scrapers, some serrated	50 36/ - Lawrence
	247	A similar lot	50 20/ 11
	248	Another lot, equally good	5020/· W
	249	Another lot	502 le / Caldre
	250	A similar series	50 2 2/-
	251	Another lot, similar	50 18 - Lawrence
	-251A-	Another lot, similar	-50-
	252	Another series	5020/- Belford
	253	Fifty others	50 20/- Fenton
	254	Fifty others	5020/- Feeten
	255	Fifty others	5020f-Keeler
	256	Fifty others	5020/-
(24/-) -	30 (257)	Fifty others	50
	258	Fifty others	50 20/- W.
	259	Fifty others	5018/- Keeler
	260	Fifty others	50201 tente
	261	Fifty others	5016/
	262	Fifty others	5016/- Feeton
	263	Fifty others; two other Scrapers; a Knife; and two Flakes	55 18/6/bler
	264	Fifty-two tanged Knives of flint	52 40/-6.
	265	Thirteen barbed Arrow Heads; and thirty-seven others, of va types, all good examples	ried + 8/- W.
	266	A similar varied series	50 44/-W-
	267	Another lot, similar	5042/
	268	A similar series	50 2/18/ miller
	269	A smaller series	3648/- Fenton
	270	Another series, including many barbed varieties	102/10/-
	271	Thirty tanged Knives, some good	30 30/-16

		*
272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Bore a Knife; and a dumbbell-shaped stone object; all found Culbane	at 24/- Keelen.
273	Thirty good Flakes, many of them used as saws, all with localities	30 10/- Mestage.
274	A similar series	30 14 - W.
275	A fine leaf-shaped Knife with serrated edge; a combined Saw Scraper; and twenty-two good Flakes, some used as saws	and 34/- W-
276	Twenty-six Knives and other Implements, found in the River Baseveral very fine; and three chipped Axes, Glenleslie and Cust dall	3 01" NULLENCE
277	A finely formed stone Disc with sharp edges; and seventeen oth similar, with flattened sides, many from Ballymena, an interest lot	401/10
28 -277A	Twenty slug-shaped Knives; and twenty-five tanged Knives	45 32/- Louveince.
25 - 278	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives	50 46/- W.
279	Another lot, similar	50 28/- Bloten.
280	A similar lot	5030/-W.
281	A similar lot	50 28/- Keeler
58 282	Fifty tanged Knives of flint	50
25 283	A similar lot	50
201-284	Another lot, similar	50
201_285	A similar lot	50 26/- Elder
20 286	A similar lot	50
20(_287)	A similar lot	50 28/- W.
C4-0[- 288]	Twenty-one small flint Borers; Culbane	21 48% haylon
50 289	Thirty-three pigmy Implements; Culbane, rare	33 2/16/- Chaylon.
290	Twenty Borers and Pigmies; Culbane and other localities	203/-1- 11
291	Thirty-four Pigmies of varied types; Culbane	343/18/- 1- 1-
292	Nine Pigmies (all figured in the Journal of the R. I. A., vol. X2 pl. 13)	rx, 2/-/
293	Nine fine tanged flint Flakes or Spear Heads; from Cos. Antrim Derry, on card	9
294	Eleven fine Knives; and sixteen good Borers, from the same locality on two cards B 2	ties; 2/5/- Kulen.

	295	Sixteen triangular Knives; and Fifteen very fine Borers; Cos. Antrim and Derry; on two cards 31 36/- 6.	
	296	Twenty good tanged Knives; and thirteen tanged Flakes and Knives; from the same localities 33	N.
	297	Two unusually good oval Knives; two Implements of unusual form; small polished Axe, from Craigs; and three small polished Axes, found together in the Bann 8	
	298	Four unusually fine Saws, rare; four worked Flakes; and nine unfinished Spear Heads; on two cards	way
	299	Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; found in Co. Antrim; on card	
	39 300	A large series of Flint Scrapers; from various Irish localities 40/- to Active.	
	40/-301	A similar series about 300 3/-/- W.	
	25 302	Another series about 300 3 % - Value	1
	257-303	A similar series about 300 32/	
	20/-304	A similar series about 200	nen
24/	257-305	A number of Cores of varied types; found at Culbane 75	-
7.07	357-306	An interesting series of small Flakes, same locality about 210	
	40(-307)	A large series of Flakes, including a number with secondary chip-ping; found at Clough and other localities about 250	
	40-308	Six Flakes, found in a fort at Kells; and five good Saws, from various localities, rare	
	309	A Saw, found at Kanestown (Ill. Jour. R. I. A.); and fourteen others	
	310	Eleven Saws, some doubtful 117/-6.	
	311	A similar lot	
	312	A series of chipped Axes, Scrapers and other Implements; found at 37/2 Mary Tievebullagh	
	313	A series of about two-hundred-and-twenty small Flakes; found at 387 W. Culbane 220	
	314	Another series of 100 larger Flakes, some with secondary chipping 21 - 100 at the point, Culbane 100	ann
	315	Twenty-eight triangular Flakes, found together at Mosside; and six other Flakes, unusually good 34 28/	7
			14

			-	
	316	Forty-seven Arrow Heads; a Knife; and three Flakes; son daubtful antiquity	ne of	16/-
	317	Fifty flint Knives; from various localities	50	14/-
	318	Fifty others	50	14 - Lawrence.
	319	A similar series	50	20]- Elder.
	320	A similar lot	50	14/-
	321	Sixty-three others	63	18 - Lawrence.
	257-322	Two-hundred flint Scrapers of varied types	200	2/6/- Lawrence
	157_323	A similar lot	200	301- Keelen
	257_324	Another lot, similar	200	32/- Keelen
	20 325	A similar lot	200	301- Keelere.
	230/326	A similar lot	200	Carlotte San Carlo
2/-)	401 327	Forty Cores; and nineteen worked flint Flakes, some good	59	
	257,328	Thirty-five Flint and other Implements, some of cave forms (i ding a few from Somaliland for comparison), on four cards interesting lot		
	329	Twenty well chipped flint Implements, suggesting the Moupoint, various localities	stier 20	18/- Lowrence
(16/-)	287-330	A similar lot	20	
(2)	257-(331)	A similar lot	20	
9	30 (-332)	A similar lot	20	
(16)-	36 333	Five fine Points; and eighty-nine Scrapers of varied types	94	2/8/-)W
12)	401-334)	Five tiny Borers; thirteen pigmy Implements; and thirty-nine Flakes; from Castlerock and Portstewart, Co. Donegal	tiny 57	2/8/- W.
	36/-335	Three tiny Borers, Castlerock; four tiny Scrapers, Bundoran; others, Dundrum; and a number of tiny Flakes, various	loca-	
			a lot	/ 0
	336	Seventy flint Scrapers, of selected types		24/-6.
	337	A similar lot		29-100
	338	A similar lot	70	24/- Merce.
	339	A similar lot	70	18/ Lowrence.
	340	Sixty-five others, many of them with deep notches in the out from White Park Bay and other localities	line; 65	24/- 6.

42/-)

	341	A series of fifty fine Scrapers, including two of unusual size	50 3go hoglor. 100 3 of Kulir
	342	Another series, some fine	100 3 of Kuler
(20/-)	20 - 343	A similar series	100
700	35 - 344	Another series	100
(4)	345	Another series	100 18/ Jawyen
	346	Another series	100/4/- 00 00
(22/2)	26 347	A similar series	110
54	30 - 348	A similar series	110
(20/-)			
7,0136		STONE AXES AND HAMMERS.	
		FOUND IN COUNTIES ANTRIM AND DERRY.	
	349	A well polished Axe, of diorite, $6\frac{1}{8}$ in., Culbane; another, in be highly polished, 6 in., Bushmills; and five others; a good los	01131
	350	A well formed Axe, of rounded section and slightly flattened s	
		64 in., Antrim; another, of broad form, with expanding 64 in., Coleraine, very fine; and four others	edge, 2/19-Fen Im
	351	A large Axe, $9\frac{1}{2}$ in., Bann; another, $6\frac{7}{8}$ in., Kanestown; and so others	even 34/-16-
	352	A good Axe, of broad form, of diorite, 6\frac{1}{4} in., Cushendall; an adbasalt, rare; an Axe, of light stone, with flattened sides, 6\frac{1}{2} and six others	Olive Hamber
48/	56-353	A small Axe, found near Cullybackey on a grinding-stone; and suggesting the early form of bronze axe, $3\frac{3}{4}$ in.; and so others	
50)	50 354	A finely ground polished Axe, of basalt, with narrow cutting 8 in., found near Kilrea; another, in basalt, of good broad 7½ in., Braid; and seven others	70.00
3/2/-)	355	A well formed polished Axe, of diorite, $5\frac{1}{2}$ in., Forks Bridge; others, of fine quality; and five others, of varied types	three 9
	460-356	An Axe, in basalt, with flattened sides, 5 in., Portglenone; and of almond form, Glarryford, rare; and ten others	ther, 2/10/-
	40 -357	A small Implement, with gouge-like edge, rare; another, of outline, Ballycarry; and ten others	oval 2/10/- 1/.
	50 358	A basalt Axe, of good form, $6\frac{1}{2}$ in., Lavin Bog; a very fine example with oval section, $7\frac{3}{4}$ in., Watercloney; and five others, all go	

	359	Another, in basalt, with oblique cutting edge, 6½ in., Carncastle; a narrow example in light stone with pointed butt, 7½ in., Ballymoney; and five others; all good 7
	360	Twenty-one polished stone Axes, from various localities, some good 21 4 %.
	361	A similar lot 21 35/6.
	362	A well formed Axe, in brown stone, 4 in., found on the shore of the Bann; another, in basalt, well polished, $4\frac{7}{8}$ in., Rathlin; and ten $3/4$ other Axes, of small size; all good examples
4	30 - 363	Twenty-one Axes, of varied types 21 2 90 % lolur.
50/-	50 364	A similar lot 22
(22)	50 365	Seventeen others, some good 17
	366	A very fine polished Axe, of basalt, with broad cutting edge, 75 in., found at Six Towns, Co. Tyrone; five others, of similar type; and an Adze, with pointed butt, found in the Bann near Portglenone; all unusual forms, very fine
	46-367	Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ in., fine; an $3/5/$ - Keeler example in hone-stone (1), with flattened sides, $4\frac{1}{2}$ in. long, Kilkenny; and five others; all good specimens
	60 -368	A large Adze, in basalt, partly polished, 10\frac{1}{4} in., from the Buick coll.; an Axe, in diorite with roughened butt, Glarryford, rare; 5/5/- haylou a curious Axe, of oval form; and four others of good size, a fine lot, and all marked with localities
	50 369	A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ in., Carnstrone; another, in light stone, with flat sides and pointed butt, 7 in. long, 3/Kilrea; another, of broader form, 8 in., Dungiven; a re-chipped basalt Axe; and three others; a good lot
	370	An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 in. long, found at Baltee; and an unusually heavy and thick Axe, of diorite with ovoid outline, $10\frac{1}{2}$ in. long, found near Cushendall
	371	A finely polished Adze-like Implement with flat sides, $7\frac{1}{2}$ in. long, found near Kilrea; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 in. long, found near Randalstown; and two others
	372	A finely formed basalt Axe, with unusually high polish, 8 in. long; 3/5- another, of good form, 8 in. long, found at Magharabane; and two others, smaller; all good

	373	An unusually large and fine Axe, of polished basalt, with brocutting edge, the sides tapering towards the butt, and of oversection; found near Coleraine (see Ulster Journal of Archwolog vol. IX, page 7, 1903) [Pl. II]	ral //-/-
	374	An interesting Adze, in basalt, chipped into form and curious "humped" towards the centre of one face, and tapering gradua to either end, $14\frac{1}{2}$ in. long; found at Clougheen (see same pulcation, 1906, plate 32, figs. 3 and 3A) [Pl. 11]	lly 12/1/11
-	7. 375	Another, in brown stone, with broad cutting edge and sligh tapering sides, one face more curved than the other, $12\frac{1}{2}$ in. lon found at Ballycarry, fine and rare [Pl. II]	0141
4/5/-	4. 376	Another, with narrow butt and rounded cutting edge, $9\frac{1}{4}$ in. low found at Armoy; another, $8\frac{5}{8}$ in., found at the foot of Slievegalled another, from Glenwherry; and another, $8\frac{1}{2}$ in. long; all go specimens	on;
	377	A roughly chipped Axe, of basalt, with sharp sides, 13 in.; fou at Armoy (see Ulster Journal of Archæology, 1903, vol. I page 7) [Pl. II]	
*	378	A well formed Axe, of basalt (1), with rounded sides and point butt, 12 in. long, found at Culbane	ted 3/5/-6.
	379	An Axe, of curved form, in light stone, 14 in. long, with interested label; and six other large examples, some of doubtful antiquity	
(5) 4	(-(380)	Twelve others, some of doubtful antiquity	12
8	37-(381)	A selected series of twenty polished Axes, all good examples	20
31.1.	787 (382)	A similar series	20
(3/5/)	(383)	Another selected series	20
3/15/-	70 384	A similar lot	20
35	6 - 385	A series of twelve Axes; and four Adzes	16
(3/3/)	3 - (386)	A selected series of twenty Axes	20
3/20	387	Another series	203/15/- Keeler
	388	A similar lot	20 3/18/- Elder
	389	A similar lot	203/-1-1
	390	An Adze, of chipped basalt; a Gouge; four Axes, with point butts; and three others; all good	ted 2 Killer
	391	Another series of twenty Axes	20 3/15/- 11.

			1 / /0
	392	Another series, including several of narrow form 20	2/13/-20
	393	Another good series, of varied form 20	4187-16.
	394	A similar series 20 3	1101-W
	395	Two Adzes, in polished basalt; a curious "Side Scraper," in same	According to
		material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, rare; and four other Axes, all good	3/-/-6.
	396	An unusually broad Axe, in basalt, 8\frac{1}{4} in. long, found near Coleraine; two others, of large size; another, with oblique edge; and two others, smaller	4/10/- 6-
	397	An unusually flat Axe, $5\frac{1}{8}$ in. long, from Lough Mourne; an Adze, with chipped sides, and ground edge and under face, from Portglenone; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ in. long, Glenisla; a curious Axe, of oval outline, with sharp sides; a well-finished Adze, Clough; and four others	Hof haylor
15)	70[-398]	A Chisel, in basalt, $3\frac{1}{2}$ in. long; an Axe, in light stone, with notches at the side, $6\frac{1}{4}$ in. long, rare; a curious basalt Axe, chipped on one face and ground on the other; and nine others, all good 12	
D-	70/ 399	A well-shaped Adze, in basalt, with pointed butt, $5\frac{1}{2}$ in. long; two Gouges, rare; and nine Axes, of varied type, all good 12	
)	857-400)	Four narrow Axes or Chisels; three Adzes; and seven Axes, a very good lot	
7	86 -401	Four Adzes; and nine Axes, all good	
10	857-02	An Adze, of narrow form, in grey stone, Portglenone; two other unusually good Adzes; two Chisels; and eight Axes, a very good lot	
	403	Five Adzes; a good Chisel; and seven Axes, also very good 13	4/1/ Elder.
	404	Forty Axes, in various materials, some of doubtful antiquity 40 /	2/-6.
	405	Twenty-one small Axes, some doubtful 21 6	1-6.
	406	A curious broad Axe, with chipped butt; a Burnisher, found at Actionish; and twelve Axes, a good lot	- - B.
	407	Twenty Axes, of good type, from various localities 20 3	1101-6.
	408	Twenty-four stone Axes, of curiously light weight (perhaps models); found in the Bann 24	4/5/- Keeler.
	409	A series of twenty Axes, of varied types 20	3/10/-6.
	410	A similar lot 20	3/-/- 6.

	Deconic	Duy	
(3/3)	861-(11)	An Adze, with pointed butt; a chipped Axe, with similar bu and ten Axes, various	tt; 12
(3/15/-)	70/-412	A small Adze, with curved cutting edge; three others, larger, good form; and twelve Axes, also good	of 16
	90 -413	A large series of polished Axes, some interesting examples included	605 go. N.
	66/-414	Three Axes, with grooves ("tracks") on the face; a curious Knilike Object, polished on one face; a good Adze; half a we chipped Axe, of basalt; and four others, all of interest	4 11171
	415	A well-formed Axe, with roughened butt; a roughly-chipped A in basalt; two Adzes; and eight Axes, a good lot	xe, 3/5/- Kulen
	416	A Box, containing a large quantity of stone Axes, some in proc of manufacture, and some of doubtful antiquity, an interest lot	P 17/4 150
	417	Twenty-five polished Axes, of various types and materials, magood specimens included	25 /-/-6.
	418	A similar lot	25 3/13/-1
	419	Another series	253/15/- "
	420	A similar lot	253/16/- Flower
	421	A similar lot	25 3/-/-6
(3/5/-)	701-422	Ten polished Axes, of larger size, and of good form	10
(35)	70(-423)	Twenty others, of good type	20
(33)	80 (-(124)	Fifteen others, of varied type	15
The same of the sa	70(425)	Twenty-two others	22
(210)	80 -426	A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, rare; a Burnisher; a curious Axe, with depressions at si and a bored hollow on one face, rare; and nine other standard implements, all of interest	des
	857-427	A Chisel, in basalt, of good form, 5 in. long; five Adzes; a B nisher; a chipped Chisel, in basalt; a stone Pendant; and sixt others, an interesting lot	
	428	An interesting series of Burnishers, in varied material	1014/5/- haylor.
	429	A similar series, including one with finger depressions on the faces	107/10/- 1
	430	Three Adzes; a Gouge; and twenty-one polished Axes, some a good	pery 3/10/- 16.

	50-431	Twenty-five polished Axes, some very good, and of unusual form	25 3 go Charlton -
-	50 432	A similar lot	25 3/-/- Burrans
(65/-)	657-433	A similar lot	25
-	50 -434	A similar lot	25 3/5/- Keelen.
	50 435	A similar lot	25 2/18/- Glober
(2/15/-)	50 436	A similar lot	25
(2/18/-)	66 437	A similar lot	25
1000	50 438	A similar lot	25
(13)	439	A similar lot	25 3/7/6 Elder.
	440	A similar lot	25 3/5/-
	441	Twenty polished Axes; and five others, of unusually small size	25 3/5/-6.
	442	A similar series	25 3/5/- 1
	443	A similar series	25 3/5/- bostilla.
	444	A similar series	25 4/4/- Keeler.
	445	A similar series	25 3/2/- 6.
	446	A similar series	25/3/-/- pawnense-
	447	A similar series	25 3/1/ Keeler.
	448	A similar series	25 2/18/ Lawrence.

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

	LOT	
	449	A flint Axe, straight-sided and square-ended, with sharp sides, of
		flat section, partly polished, 6% in. long; and another, of same 7
		general form, with truncated butt, 7½ in. long, found together at Clogher, both very fine, and rare in this material [Pl. 1] 2 Belfas fourier
	450	Another, of flint, unusually well-chipped, with sides tapering to the
		butt, which is pointed, 7% in. long (illustrated in R. S. A. I.,6/10/- 11
		well-chipped, 6\frac{3}{4} in. long, found at Forked Bridge [Pl. 1] 2
	451	A well-chipped flint Adze, 6 in. long; an Axe, with ground cutting 3/10/
		edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, a good lot 5
	452	A well-formed broad Chisel, with ground edge, 61 in., found at
	32	Maghera; and another, with extremely fine chipping, 6\frac{3}{8} in., 4/5 found at Cruckin [Pl. 1]
	453	A polished flint Axe, $5\frac{7}{8}$ in. long, Donegore; and four others, all $\frac{5}{5}$ with localities, all good specimens
	151	Turks .
	454	An unfinished Axe, in flint; another Axe, well-chipped (see R. S. A. I., vol. III, part 2, page 126, fig. 20); and four others, all with localities 6
	455	A partly-polished flint Axe, of narrow form, $5\frac{1}{4}$ in. long, found near Clough; five others, all with localities; an Adze, Ballintoy, rare; and a Flake, with ground surface
	761- 456	A well-formed Flint Pick or Chisel, 5% in. long, found at Glenariffe; another, Knockans; another, Glenaan; and five chipped Axes 8
	6-(_457)	Three similar flint Picks; and seven chipped flint Axes, all with localities
25)	35]-458	Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes
	40/-159	An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, found near Cookstown, very rare

460	A well-formed Axe, with ground edge, $4\frac{7}{8}$ in. long; an unusually good Pick, found at Galgou; and four others, all good examples 6	3/-/- Keelen.
461	An unfinished Axe, of flint, found at Dungarvey; a partly-polished Chisel, of good form, $5\frac{3}{8}$ in. long, Cloughmills; a well-chipped pointed Implement, $4\frac{7}{8}$ in. long, Glenish; an Axe, with straight sides, ground at the edge only; and three others, with localities marked	5/- 2
462	A well-formed flint Chisel, $3\frac{1}{8}$ in. long; a narrow Axe, of good form, $4\frac{3}{4}$ in. long, from Glenleslie; a partly-polished Axe, $5\frac{1}{2}$ in., from Kells; and six others, all good specimens, with localities 9	hof 18 Ferlor
463	Two flint Adzes, rare; a Chisel with ground edge; and six others, chipped into form, of small size	e/15/. Keelen!
464	A finely formed flint Axe, with straight sides and ground edge, found at Armoy; another, ground all over, with pointed butt, Culbane; another, smaller, Glenleslie; one of rich red brown colour, from Three Towns; and three others, all with localities 7	15-/- S. G. Ferdon
465	A well formed Chisel, from Castlegore; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27	25/.
466	An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, and found in Co. Antrim, an interesting and unusual lot	3 of Keeler.
467	Twenty Axes; and five small Axes or Chisels, all of basalt 25	2/15/-6.
468	A similar lot 25 2	101- Eloler.
469	A similar lot 25 g	1 1 1 100
470		Joj. bostelle.
471	A similar lot 25 2	90.W.
472	A similar lot 25 3	0/-W.
473	A similar lot 25 3	4/+W.
474	Fifteen polished Axes; and ten smaller Axes or Chisels 25 3	8) - bawrence
475	A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50	2/W.
476	Four basalt Adzes; four Chisels; and eleven polished Axes of 2 various sizes, a good lot 19	11.
477	Twenty Chisels of varied sizes, all of good quality 20	3/-/-10.
478	A similar lot	3/-/-6.
479	A similar lot . 20 4	1-1-W

58-480	A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-3/10/- while shaped Knife of basalt, a good lot
2/10]. 257-(81)	An Adze of New Zealand type, said to have been found at Culbane; and nine Irish Axes, some good, marked with localities 10
(2/15/-) 80/-482)	A similar lot
2/18 80/183)	A curious Polishing Stone of chert, found at Culbane; a roughly chipped Axe in basalt, from Coleraine; an Axe of diorite, with oblique edge; and seven other Axes of varied types 10
390 70-484)	A very fine polished Axe of basalt, 7\sum_8 in. long, found at Crommelin; another, 6 in. long, from Magherabone; a smaller example, from Glenhead; an Adze, Ballyscullion; and two other Axes 6
485	A massive Axe of grey coloured stone, $8\frac{1}{2}$ in. long, found near Kilrea; another of basalt, with oblique cutting edge, 8 in. long, from Glenhead; and four others
486	An Axe of sandstone, $10\frac{1}{2}$ in. long, from Glenravel; another in basalt, $8\frac{1}{2}$ in. long, Coleraine; and four others, all good specimens
487	An Adze of basalt, $8\frac{1}{2}$ in. long, found at Clough Mills; another, well-polished, with oblique cutting edge, $7\frac{3}{4}$ in, long; and three others, 4 all good 5
488	A small Adze in basalt; and nine Chisels, all good examples 103/-/-
489	A similar lot, also good 102/10/20ler
490	Another lot, also good
491	Another lot, some good 10 2/1-16
492	Two "waisted" Axes; and sixteen small Axes, some doubtful, from 25 Culbane
(25/-) 50/-193	A similar lot; from Culbane 22
6. 494)	Twenty Whetstones of varied forms and periods (some prehistoric), on two cards
5. 495	Fifteen polished Chisels; found in Co. Antrim, on card, all good specimens 15 8/5/haglor
60/-496	Sixteen small Axes or Chisels of basalt, on card, also good ex- 3/8/- W.
(32/-) 85/-497/	Six Sharpening Stones, of early type, on card; and six Whetstones, of later date

	498	A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 in. long, of the early bronze age, extremely rare; and fourteen smaller stone Bracers and Whetstones, on card, a good lot
	499	Six stone Objects, probably Bracers, of the bronze age; and nine 3/-/- Woother stone Objects
	500	A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, both curious; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the prehistoric period
	501	Thirty Whetstones, of various periods, some good 30 4/10/- A. H. Henton.
	502	Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler 39 2/11/- 16-
	503	A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples in- 16/-/- W. cluded for comparison, a very interesting lot 78
	80 - 504	Thirty stone Spindle Whorls, chiefly of the prehistoric period 30 4/15/- haylar.
(5)	60 - (505)	A similar lot
D-	Go - 506]	Another lot, similar 30 3/5/- Keeley
5-7)	601-507	A similar lot 30
1	60 508	A similar lot
00	\$ 509	A Spindle Whorl, made from a piece of petrified wood, curious; five decorated Whorls; and fifteen others 21
	53 - 510	Thirty-two Spindle Whorls; found at Culbane 32 2/15/- Fenton.
10)	60 511	A similar lot; from the same locality 32
1)	512	A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); found in Co. Antrim 51
	513	Two Stones with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face
	514	A similar lot 75/5/- W.
	515	A massive Hammer Stone with depressions; two others, also good; a hollowed Disc; two "tracked" Stones; and three Pounders 9 4/-/-
	516	Ten Pounders, with depressions on face; ten "tracked" Stones; and ten ordinary Hammer Stones
	517	A similar lot

	1 mira	Day 32	
	58 518	Another lot, similar	30 9/15/- Lagon.
	Gol-519)	A similar lot	30 3/15/- 11 1
	60-520	A similar lot	30 3/10/- foregeres
(35)-)	637 (521)	A similar lot	30
	50 522	A similar lot	303/5/-W
(2)	50 523	A similar lot	303/10/- Keelen
(35/-)	40 624	A similar lot	30
7	757-525	Forty-two "tracked" Stones; and thirty-seven ordinary Ham Stones	7910 go
	526	Two stone Discs, and two Fragments, from Portstewart; and others, found in Co. Donegal, an interesting lot	five 7 3/-/- 16
	527	Twenty-nine Axes in basalt, showing various stages of manufact from the Glenleslie "Axe factory," Co. Antrim; an instructor	1.1.1.1
	528	Four cylindrical Stones, perhaps for boring axe hammers; seven Honestones of various periods; and a grooved Axe in barare; from various localities	
	529	Twenty Axes or Chisels of narrow form, in chipped basalt; six unfinished Specimens; from various localities	and 2/-/- 1.
	530	A similar lot	26 2/-/.6.
	531	A large flint Pick, found at Coleraine; and eleven others, June various localities	from 3/5/- W.
	40 (-532)	A similar lot	128/10/. W.
	40/-533	Twelve flint Axes and Chisels; from various localities, some goo	d 123/5/-W
	40 534	A similar lot	12 2/15/ Keeler.
(25-)	36 535	Twenty chipped flint Axes, some unfinished; from var localities	ious 20
	30 536	A similar lot	202/- Heeler.
	257-537	A similar lot; and two Tranchet Axes	22 32/- 11 11
	40 538	Fourteen flint Picks, from various localities	142/10/- 11
	539	A similar lot, including one of basalt	142/5%. Keeler.
. 1	540	A very fine basalt Pick, with ground sides; and nineteen chi Axes in same material, some very good	pped 4/5/-

541	Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, 3/3/- W. some very good examples
542	Nineteen similar Axes; and a basalt Flake 203// haveener
543	
544	A polished Axe; and nineteen chipped Axes, all in basalt 20
545	A Pick; an ovate Implement, Cushendall (Ill. Jour. Anth. Inst., 1903, pl. XXXVII, fig. 31); and eighteen chipped Axes, all in basalt 20 2
546	
547	A Pick; eighteen chipped Axes, some fine; and a Side Scraper, Cushendall, rare, all of basalt 20 3 /- Lawrence.
548	An unfinished Axe, 11 in. long; another, 9 in. long; and eighteen other basalt Axes, some fine
549	A Pick; and nineteen chipped Axes, some unfinished, all in basalt 20
cd_550	Thirteen chipped Axes, some good; a long Flake; six Hammer 3/15/ Keeler. Stones; a polished Axe: all of basalt; and two others 22
5. (551)	Twenty Pounders, or Mealing Stones, some very good examples 20
5 - 552	
6 553	1
8 554	Two "Anvil Stones"; nine Hammers; and a Celt, with depressions on faces, adapted as a hammer, rare
555	A fine flint Pick, found at Culbane (Ill. Jour. R. I. A., vol. XXX, pl. xv, fig. 72); a good chipped Axe in basalt (Ill. Jour. Anth. Inst., 1903, pl. xxxiii, fig. 6), Cushendall; another flint Pick (Ill. Jour. R. I. A., vol. XXX, pl. xvi, fig. 80); and two other fine chipped basalt Axes (Ill. Jour. Anth. Inst., 1903, pl. xxxiii, figs. 7 and 8), from Cushendall
556	A fine flint Pick, from the Bann (Ill. Jour. R. I. A., vol. XXX, pl. xv, fig. 25); another (fig. 74); and three chipped Axes, from 3 Cushendall (Jour. Anth. Inst., vol. XXXIII, figs. 16, 22 and 34) 5
557	R. I. A., 1912, vol. XXX, pl. x, fig. 78); a very fine chipped flint Pick, from Culbane (same Journal, fig. 76); a fine flint Axe, with ground cutting edge, Coleraine (Ill. Jour. R. I. A., vol. section C, pl. xvi, fig. 92); a flint Knife (illustrated); and two roughly chipped basalt Axes (Ill. Jour. Anth. Inst., 1903, pl. xxxvii, fig. 30, and pl. xxxix, fig. 11), from Cushendall 6
558	An extremely unusual "Tracked Stone," of fine quartzite, with a deeply cut trough-shaped depression on one face, found at Bally clair sandy braes (Ill. Jour. Roy. Hist. and Arch. Ass., fig. 3);

T	W W 1	7
LOT	202	-continued.
TACE	000	

a Hammer Stone, with unusual countersunk perforation; a stone Pendant; a small Axe; and two Hammer Stones; from various localities

A roughly formed Axe, 103 in., found in Lough Neagh; a chiselshaped Implement, in clay slate, weighing 4 lbs., 15 in. long, Culbane; and forty-four others, many of doubtful antiquity 46

Fifty others, in clay slate, many doubtful 50 A similar lot 50 A similar lot 50

A similar lot

A large number of small pick-like Implements, Scrapers, and other 4 Objects, in flint; from various localities a lot

30- 565

A coarsely chipped Pick, found in the Bann at Coleraine (Ill. Jour. R. I. A., vol. XXX, pl. XVI); and a large number of similar Objects, and Picks of various sizes and types; from various locali-

566 An Axe Hammer, of granitic material, well polished, with deeply grooved upper and lower face, 5% in. long; found at Clady, near 9 Portglenone Pl. II]

A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with 567 semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides; the curves are outlined with a pronounced rib, 6 in. long by 4 in. greatest width. This unusually fine and rare example, weighing 4 lbs., was found in deepening the river Bann about 1847 (see Ulster Journal of Archwology, vol. III, p. 234, and Proc. R. I. A., vol. XXX, section C, no. 7, pl. 19, fig. 127) mercellim [PI. II]

568 A pestle-shaped Hammer, of highly polished granitic stone, cylindrical in form, with rounded ends and small circular perforation, 3\frac{1}{4} in. long, also fine and rare; found near Bushmills, Antrim PI. 11

Another, of similar form, 34 in. long, found at the Commons of 569 Carrickfergus; and a smaller example, from Lough Mourne, both rare

An Axe Hammer, of wedge form, with conical butt and broad 570 cutting edge, partly perforated; the outer edge of the depression on either side decorated with a raised moulding, 42 in. long, found pe in the Bann, fine and rare; a perforated Axe, of doubtful antiquity; and a small Axe Hammer, found at Moorfields, Antrim 3

	571	An oval Hammer, in black stone, with circular perforation, 3½ in. long, from Connor, Co. Antrim; and another, smaller, from the bed of the Bann, both rare	8/10/- Barnet.
	4.572	An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 in. long; and a cylindrical stone Implement, with the ends much abraded by use, found together, an interesting lot	5/Barnet:
-	6, 573)	An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, $5\frac{3}{4}$ in. long, from Glengariff; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded	14/1- Bornel:
	717-574	Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ in. long, Glenleslie; a boat-shaped example, with large perforation, $3\frac{3}{4}$ in. (probably from the Bann); an egg-shaped Hammer, of polished black stone, with small perforation, from Carnlee; and an early quartzite Hammer, with "hour glass" perforation, found at Connor	9/-/- haylon
	575	A discoidal Macehead, of sandstone, with grooved lines round the perforation, $4\frac{1}{4}$ in., found in the Bann; and six others, with primitive "hour glass" perforation (this style of perforation is considered to be evidence of Neolithic date for the implement) 7	5/10/Keiler.
	576	A massive wedge-shaped Hammer, with large perforation, $7\frac{1}{2}$ in. long, found at Aughmahoy; and three others, of varied forms 4	6/15/- Naylon.
	577	A heavy perforated Hammer; and four others, all with primitive boring 5	6/10/- W.
	578	Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, all good examples 5	4/5/- Barnel:
	579	An oval Hammer, of good form, in granitic material; and five others, a good lot 6	7/-/- Ferlor
	752580	Twelve perforated Hammer Stones 12	490. W
1	701-581)	A similar lot	1
1	70 582	A similar lot	
)	Gb - 583	Twelve others, similar	2/10/- Koelen
	60 584	Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date C 2	7 /

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

		FOUND IN IRELAND.
	585	A fine flat Axe, in copper, with semi-circular edge, 6% in. long, found at Cullybackey; and two others, smaller, with localities 3
	586	Another of copper, of heavy fabric, $4\frac{\pi}{8}$ in. long, found near Omagh, fine; and three others, smaller, with localities
	587	Another of copper, with unusual incurved sides, and straight- cutting edge, 61 in., Ballymena; and two others, smaller, both good 3
6.	588	Three flat Axes of primitive type, 4½ in., 4½ in. and 4 in. long; from Toome, Dunboy and Loughguile 3
757-	589	A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ in., Clough; another, 5 in., Ballyconolly; and another, $5\frac{3}{8}$ in., Ballymena 3
	590	A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, 7½ in. long; Ballymena, fine 4/15 and rare
	591	Another, similar, with decoration of short indented lines out- curving from the centre, and elaborately facetted sides, 7 in. long; /0 9 / found near Garvagh, in Cregard Bay, fine and rare [Pl. III] 1
57-	592	A flat Axe, with narrow butt, $4\frac{1}{2}$ in. long, found at Craig-billy (Ill. Ulster Journal of Archæology, vol. IX, p. 179, fig. 3);4 another, $4\frac{1}{4}$ in.; a smaller example; and a tiny copper Blade, found at Kells, Co. Antrim
	593	A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, 5\frac{3}{4} in.; found at 5 Glensherry, fine and rare [Pl. III]
	594	Another, with herring-bone decoration on surface, 7½ in.; found near the previous specimen, also fine
0 -	595	A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ in., found at Moorfields, Co. Antrim, fine; another, with slight 3/ridge in centre of blade, $5\frac{1}{4}$ in., Ballymena; and a small chisellike object, Moorfields

	and curved cutting edge, the sides outlined with four parallel grooved lines and dots, 8\frac{3}{4} in. long; found at Dunnygarron, fine and very rare [Pl. III]
597	Three flat bronze Axes, 5\frac{3}{8} in., 4 in. and 3\frac{1}{2} in. long, all with 3/5/-/ Soundi localities
598	A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; all Co. Antrim, an interesting lot 3
599	A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, $6\frac{7}{8}$ in. long; found in a bog near 4 Durrock, Cushendall, fine and rare [PI. III]
600	Another, with surface decorated with herring-bone ornament, 6 in. 6 /10/-/ Super long; Ballymena [Pl. III]
601	Another, with somewhat straight-cutting edge, 6½ in. long, Bally- mena; two small flanged Axes; and an unusual type of Chisel, found at Dreenan 4
602	An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved 7/-/sfine parallel lines, 5% in. long; Ballymena [Pl. III]
603	Another, with slight flanges, having a decoration of curved and straight lines of indented dots, 5\frac{3}{2} in. long; bought in Belfast, 13/-/- extremely fine and rare [Pl. III]
604	A fine example of a flanged Axe, with slight stop ridge, 4% in. long, Grange; and another, smaller, found at Derry
605	A fine flanged Axe, with oval side flanges, outlined by a deep groove, the whole surface decorated with punch marks, 6 in. long; 7. Co. Antrim (see Jour. Royal Historical and Archaeological Institute, 1889, p. 112, no. 1, pl. III) [Pi. III]
606	A flanged Axe, with slight stop ridge, the flanges decorated with deeply grooved oblique lines, 4% in. long, Ballymena, fine; and another, smaller, plain
607	Another, with strong side flanges and stouter stop ridge, the centre of the blade outlined with a curved band of indented dots linking up the ends of the wings, 6½ in. long; found in Garvers Bog, Co. Antrim, extremely fine (see Jour. Roy. Hist. and Arch. Jour., 1889, p. 113, pl. III, no. 2) [Pl. III]

608	An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge, 6 in. long [Pl. III]
609	Two Axes, with side flanges, and a curved ridge on blade, both with localities 2
610	Three similar Axes, all good specimens 3 6/5/
60 611	A similar lot 4 4/5/- 11 11
612	A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, $5\frac{3}{8}$ in. long, Co. Derry; and two others, 4 smaller
613	A winged Palstave, with stout triangular ornament below stop ridge, $4\frac{3}{4}$ in., Co. Tyrone; and another of plain type, 6 in., 6/15/Lisburn, both fine
60[-614]	Another, with triangular ribs on blade, 4½ in., Crommelin; and two others, all good specimens
615	Another, with angular side flanges and curved cutting edge, 7 in- long, Co. Derry, fins; and an Example, with loop at side, found in a Crannog at Lough Mourne
616	A fine Palstave, with conical ridge on blade, 45 in., Glenny, Co. 45 Antrim; and another, of plain type, both with loops 2
50 617	A socketed Chisel, of square section, 3\frac{1}{4} in.; a fine Gouge, 3\frac{1}{4} in., Cullybackey; and another, smaller, Grange
618	A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 in. long, Craig's Bog; another with wings, 5½ in., Toome; and a smaller Example, with shield-shaped ornament below stop ridge 3
619	A fine socketed Celt, with curved cutting edge and side loop, the 6 mouth decorated with ribs, 4 in. long, found at Craig's; and three others, smaller
6, 620	Another Example of unusual size, 4½ in. long, Co. Cork; and 8/15/- three others, smaller
6. 621	Another, of good form, the mouth decorated with ribs, Kilwalter; another, similar; and three others 5
622	Another, with ribs on socket, Glarryford; three others, all good plant specimens; and an imperfect Example, all with localities 5

623	Another, of unusually good form, 3\frac{1}{4} in., found at Cross; and three others, with localities, all good examples 4
624	Three smaller Specimens, with unusually broad cutting edges, Clough and Larne, a good lot 3
625	Another Specimen, with curiously broad cutting edge and incurved sides, 3\frac{1}{4} in., Ballymoney; and two others, also good, from the Glenny collection
626	A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ in. long; and another, somewhat similar, $3\frac{1}{2}$ in., Portglenone [Pl. III]
627	A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ in., found in Fenagh Bog; and two others, of the same type, with three ribs on the faces, rare, Co. Antrim 3
628	Another, with similar ribs on the faces, $3\frac{1}{4}$ in.; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ in., all Co. Antrim [PI. III]
629	A bronze Chisel, with side flanges, 3\frac{1}{4} in.; another, similar, Killyless; and four unusually small socketed Axes or Chisels, with localities, a good lot
630	A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, 3\frac{1}{4} in., Castlegore; and two others, similar, all rare
631	Two others, similar, Knockboy and Co. Antrim; and a tiny crescent-shaped Blade, probably a razor, Cleggan, the last very rare
632	A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ in. long; Randalstown, fine and rare; another, with curved cutting edge and a tang for the handle, 4 in., Glenish; and an earlier type, with curved sides, 3 in., Ballybay, all fine and rare [Pl. VII]
633	An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, 62 in. long; found

634 Another, of similar type; and three others, imperfect, of slightly later form, with side loops 4

** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.

at Deerfin [Pl. IV]

- A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, 5\frac{1}{4} in., Magheraboy; another, 4\frac{1}{4} in., Teeshaw; a similar Example, found at Cloughancely, all with side loops on socket; and the Blade of another, of broader type
- 636 A Lance Head, with lozenge-shaped blade, 3\frac{5}{8} in. long, fine; and four others, of slender form, all with side loops, found in Co.

 Antrim

 5
- A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ in.; another, with curious blade of square section and traces of loops (with original wood in socket), rare; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ in., rare, all Co. Antrim, a most interesting lot
- 638 A Lance Head, with broad blade, $3\frac{3}{4}$ in.; another, similar, $3\frac{3}{8}$ in.; and two others, of unusually small size, all with side loops, and all found in Co. Antrim
- A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, 6\frac{5}{8} in. long [PI. IV]
 - *** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the Royal Historical and Archæological Association Journal, 1889, pl. III, fig. 3, p. 113.
- A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, 7½ in. long, found in Buckno Bog; and another, of more ordinary type, 4¾ in. long, Co. Antrim
- 641 A Lance Head, with ribs on blade and side loops, 6 in. long, from the Glenny collection; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, all found in Co. Antrim
- A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 in. long; and the Point of another Spear Head 2

- A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 in. long; found near Tooms, Co. Derry
- A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, 7\frac{3}{4} in. long; found at Rasharkin, fine and rare [PI. IV]
- A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 in. long; Claddy, Co. Derry, very fine [Pl. IV]
- Another of slender form, the blade being continued as a rib down to the rivet hole, $8\frac{3}{4}$ in. long, found at Taylorstown; a Lance Head, with leaf shaped blade, $5\frac{1}{2}$ in. long, found at Glenwherry; and a Javelin Head, with curious markings on the surface, in very fine condition, an interesting lot
- A Javelin Head, with oval openings in blade, 3\(\frac{3}{4}\) in. long, extremely rare; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes
- A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, an interesting and early type, 3½ in. long; found at Carnstrone
- A Rapier Blade of slender form, with side notches for the rivets, $9\frac{1}{2}$ in. long; and another similar, 8 in. long
- 650 Another, with triangular base, notched for two rivets, 12½ in. long, found at Parkmore, Ballymena; and a curious Blade, with two rivet holes
- A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, 11½ in. long; found at Skerry; fine [Pl. IV]
- A Dagger Blade, with triangular base, having notches for two rivets, $5\frac{7}{8}$ in. long; an early Knife Blade of triangular form, with four rivet holes, $3\frac{3}{4}$ in. long, found at Bushmills; and a small Knife Blade, found at Tully
- 653 An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

LOT 653-continued.

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 in. long; found in Rosherry Peat Bog [PI. IV]

- *** A label with an interesting pedigree of the weapon is attached.
- Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (the blade has been neatly repaired), 23\subsection in long; found in a bog near Glenish; fine [PI. IV] 1
- Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, 19½ in. long; found in Derry (repaired)
- A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 in. long; found at Ballymoney (repaired)
- Another of broader type, with imperfect handle plate, pierced for six rivets, 18\frac{3}{4} in. long; found at Cross Keys, Co. Antrim 1
- A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, found at Cushendall, 14½ in. long; and three other Blades, all imperfect 5
- 659 A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, 6½ in. long, rare
- A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), $10\frac{3}{4}$ in. long; found at Glenbush [PI. IV]
- A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, $7\frac{5}{8}$ in. long; found at Fermanagh, extremely rare and in good condition [PI. VII] 1
- A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, 3\frac{3}{4} in. long, an extremely unusual type; probably found at Lisnacroghera Crannog, from the Buick collection [PI. IV]
- A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, 3\frac{1}{4} in. long (found at Carrick-fergus); and another, with projections at upper part of the tang, 4\frac{1}{4} in. long, found at Killyless, both rare [PI. VII] 2

- Another, with slender leaf-shaped blade and rivet hole in tang, $4\frac{5}{8}$ in. long, found at Moorfields Co. Antrim; and another, with a depression divided by a midrib in centre of blade, 3 in. long, found at Ballymena, both fine and rare [PI. VII]
- 665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, 64 in. long; found in Co. Antrim, rare [PI. IV]
- 666 A socketed Knife; and two Axes, all imperfect; and a Lump of Copper, all Co. Antrim

 4
- 667 A Palstave, with two recently bored holes in the socket, Glenish,

 Co. Antrim; five bronze Chisels; and two copper Implements,

 some of later period 8

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

FOUND NEAR BALLYMENA.

r.o.m	Onderstall display involves and display to the contract of the
50/ 668	A very fine Valve of a mould for a spear head, made of schist, this 72/-/- was for casting a weapon with a strongly grooved blade, and with Belfast large side loops, 5 in. long, extremely fine and rare [Pl. IV] 1 mureum
70/_669	A Valve for a similar lance head, 3\frac{3}{8} in. long; and another of same 49 type, 4\frac{1}{2} in., both probably of basalt, very rare [PI. IV]
50/670	A similar Valve of a mould, 41 in.; and part of another 220/-/-
671	A four-sided Mould, of square form, for casting various types of razors or knives, 3 in. long; and a Valve, for making a small 40/-/- socketed celt, with side loop, $2\frac{1}{2}$ in. long; both of sand-stone, and extremely rare [Pl. IV]
672	A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ in.; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head
673	Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-38/-/shaped loop, having three ribs in high relief; and the companion hay for Piece for the opposite side, 8½ in. long, very fine and rare [Pl. V] 2
674	A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 in. high, about 15 in. diam.; found in a bog near Portglenone, extremely rare [Pl. V] 1
675	A Ring Handle and Loop; Part of a Rim; and two odd Plates; all b parts of cauldrons
676	A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes

677 A Cauldron or deep bowl, of flattened hemi-spherical form, showing considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 121 in. diam.

678 Another Cauldron, with straighter sides, rounded below, showing similar repair at the sides, 101 in. diam.; found in a bog at Gortgole, Buick coll. (see Ulster Journal of Arch. vol. XIV, page 23, 1908)

An important Cauldron, of unusually large size, with strongly curved 679 sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of 10/10/ beaten bronze in early times, 17 in. diam. at mouth, 13 in. high; found in Dirneveigh Bog in 1885

** Some of these bowls were probably originally used as water clocks. but not when in this patched condition.

Another Vessel, with straight sides and flat base, and having similar 680 evidences of patching, 14 in. diam.; found at Portglenone

A Cooking Pot, with ridged sides and cylindrical neck, having two 681 stout loops riveted to the sides, the surface is decorated with 30/- her/ou hammer marks, 7½ in. by 6½ in.; probably of the mediæval period, found in the Bann

An Armlet, of broad form, with curved sides and outcurved ends, 682 the body is elaborately decorated with bands of concentric lines 10 and chevrons, 33 in. diam; found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare

A spur-shaped Object of large size, the shank sharply curved and 683 the ends of the limbs flattened out and perforated (the shank 3/5) probably terminated in a knob, now missing), 97 in. long; late Celtic period, found at Glenatrace, rare [Pl. VII]

** These objects are considered to have been used as an ornament upon the head of a horse.

(50/_684

A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, 53 in. long; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, 64 in.; and a Pin, of straight form, with a conical projection on the disc, 64 in.; all found in Co. Antrim, very fine and rare [Pl. VII]

A bronze Pin, with large ring head, the junction of the head to the 685 pin being strongly curved, and the lower part of the curve forming

5. 690

Lot 685-continued.

a shoulder, 7 in. long, fine; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ in. long; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; all of the early iron age and very rare [PI. VII]

A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; all of the early iron period

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

An Urn, of bowl form (repaired), with a band of triangular indents filled with small dots in centre of the body, 5 in. by 3 in.; found in a "Giant's Grave" at Loughloughan, near Broughshane (see Jour. R. S. Ant., Ireland, part II, vol. XXXII)

A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 in. long; found at Portstewart

An Urn (repaired, with base missing), the surface decorated with a hatched pattern of dotted lines, 6\frac{1}{4} in. diam., found inside a glarger urn at Galgorm Park (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (see Roy. Ulster Jour. Arch., 1875, pl. 111); and a calcined Arrow Head, found in another urn

A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ in. by $3\frac{7}{8}$ in.; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 in. long, found inside the urn; found at Loughguile in 1870 (Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p. 163, fig. 47) [Pl. VI]

An Urn (restored), the body decorated with ridges, in the depressions between which are chevrons in relief, and with a band of oblique dotted lines below the rim, 6 in. by 4% in.; found at Bally-cloughlan (Ill. Roy. Ulster Jour. Arch., 1895, part II, vol. I, fig. 4)

[Pl. VI]

7/-/- Fenton son

692 An imperfect Urn, with a band of ornament suggesting the St.

Andrew's cross on upper part of the vessel, 6 in. diam.; found in
the "Bishop's Cairn," near Glenwherry (Ill. Ulster Journ., 1895)

7/5/- Leeds

693 Two Parts of the Rim of a large "Food Vessel,' with angular ribs in relief, the spaces between filled with lines of indented dots, and the base and part of the side of the same vessel decorated with hatched lines; found at Thorny Valley (Ill. Ulster Jour., 1895, pl. 1); two Parts of a smaller Vessel, decorated with a cross-shaped ornament on base, found near Kells; and Fragments of another Urn

4/10/ Fenton

694 A small Urn of "food vessel" type, with deeply indented shoulder and flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ in. |

by $3\frac{3}{4}$ in.; found at Cumberclady, extremely rare; from the Buick collection (Ill. Jour. Soc. Ant. Ireland, 1891, p. 437) [Pl. VI] 1

10/-]-Belfast- museum.

AN INCENSE CUP, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, 1% in. high; found in a "Dane's Fort," near Glenties (Ill. Abercromby's "Bronze Age Pottery," vol. II, p. 34, fig. 343) [Pl. VI]

12/10/- Belfact

A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (restored), 6½ in. by 3½ in; found at Cumberclady (Jour. Soc. Ant. Ireland, p. 436); from the Buick collection

5/5/- Fenton ?!

An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, $4\frac{1}{2}$ in. by $5\frac{3}{4}$ in.; found at Esker Dromona when making a railway to Portrush [Pl. VI]

24/-/. Funton

An Urn of deep bowl form with narrow base, and strongly outcurved sides, the centre of the body has two pronounced ribs, well decorated with bands of short oblique and horizontal lines, at the side is a simple looped handle, a most unusual feature in these vessels, 4\frac{3}{4} in. by 6\frac{1}{2} in. diam. (restored); found in a "Giant's Grave" and "Carnal" at Loughloughan (see Jour. R. S. Ant. Ireland, vol. XXXII, p. 163) [Pl. VI]

25/10/- Fenton

A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 in. diam.; and a stone Spindle Whorl (broken), found inside the urn; from Knockboy, near Ballymena (a long MS. description is within the vase)

700 A small stone Cup, the sides decorated with bands of triangles filled 5 16 with hatched lines, 2½ in. diam; found at Glenarm; extremely rare

701 Part of a stone Cup, decorated with bands of herring-bone ornament; an unfinished Example, decorated with incised lines; a
tiny Lamp of open form; and an oblong pottery Object, decorated
with incised lines; found within an urn at Kilbraights

4

BEADS AND PENDANTS FOUND IN IRELAND.

1	, and the same of	
7. 702	A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, rare; two Buttons, and nineteen other Beads and Whorls, all of early period, on card	lon.
757-703	A card containing twenty-five stone Beads and Whorls, also of early 6/15/period 25/hayle	ie.
56/704	A very fine series of sixty variegated glass Beads of early types (one from Cyprus included for comparison), on card 60 4/15	4
705	A series of thirty blue "ringed" glass Beads, three of them ornamented, probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings; a fine lot	m. 15/-
40 -706	A very important group of highly decorated glass Beads, some cornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; Co. Antrim 48 hours	long
757-707]	Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; all found in Lisnacroghera Crannog; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, an important lot [Pl. VIII] ** For similar beads, see Guide to Celtic Antiquities of the Christian ""	Last una
division in	Period, Dublin, 1910, pp. 68-69.	-

Another collection of similar Beads, some beautifully decorated, also a fine lot, on card

701A 10 Polished aces in basalt 701B. 18' Others a takesels 701C. 12 Polished accessomicalented hammuratone, a pagaster a smal 3 of Keelin

30 f Keiler.

3.	709	A fine Necklace of thirty-three amber Beads, found in the peat between Craigbilly and Connor; and sixteen odd amber Beads, all probably of the Viking period, very rare, on card 49	35/-/- Belfast muser
	710	A card containing a number of odd amber Beads and Pendants; found in the north of Ireland, also of the Viking period 42	3/10/- hugher .
	711	A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; from the Buick collection, on card 12	6/-1-6
	712	A card containing forty-nine "dumb-bell" Beads; found in the Irish peat and on Crannogs 49	8/15/2 W-
	713	A series of eighteen similar Beads; found in Co. Antrim; on card 18	5/15/ haylor.
	714	An interesting series of whorl-shaped glass Beads, chiefly of amber colour; found in the peat bogs and island sites; on eard 52	4/15/- Maylor.
	715	A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42	8/5/. W.
	716	A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white 39	4/5/. haylor
	717	Three strings of glass Beads, many of them decorated, and chiefly of an early period 56	4/5/- haylor.
	718	A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56	3/5/- haylon.
317-	719	Three strings of varied stone and glass Beads and Whorls 67	3/5/- haylon.
7	720	Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, some of them probably of Roman manufacture and perhaps relics of an early Viking raid 18	8/5/- Belfast
40	721	A very important jet Armlet, the outer surface strongly ribbed, 5 in. diam.; found at Knocklayd, Co. Antrim 1	5/10/- W.
·理	722	Eight vitreous paste Beads, with ribbed sides, of the Roman period, rare; four early faience quoit-shaped Beads, also rare; and seventeen stone Beads, of varied form; all Co. Antrim; on card	13/10/- Luds.
	723	A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68	10/-/. haylon.
	724	A series of stone Beads and Pendants, of various periods, on three cards	8/15/- W.
	725	Twenty-one tiny stone Beads; found on the sandhills at Portstewart, very rare 21	4/19-haylor.

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

- Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, 2\frac{3}{4} in. diam.; found in Maghadee bog, near Kellswater, fine and very rare [PI. VII]
- Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the head of an animal, and beyond these are triangular set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. Proceedings of the ring is a boss 20/10 suggesting the lead of the ring is a boss 20/10 suggesting the lead of the ring is a boss 20/10 suggesting the lead of the ring is a boss 20/10 suggesting the lead of the ring is a boss 20/10 suggesting the lead of the ring is a boss 20/10 suggesting the lead of the ring is a boss 20/
- A Ring Pin, the loop having terminations suggesting the reptilian head, 3\frac{1}{4} in. long; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, also rare; found in a Crannog at Derryhullogh (see U. J. Arch., vol. X, p. 53) [Pl. VII]
- 729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ in. long; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ in. long, both fine and rare [PI. VII]
- 730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [Pl. VII]
- 730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3
- 7,31 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 5
- 732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, rare; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head
- 733 Two others, with solid ring heads; and two with thin spiral wire 4

- 734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, rare; and three other Pins, an interesting lot
- 735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, found together at Portstewart; and four others
- 736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, $7\frac{1}{2}$ in. long, probably of the Early Iron 21/- Lawrence age; and three others, of a later pooled age; and three others, of a later period
- 737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, a good lot 5
- 738 A bronze Pin, found at White Park Bay; and five others, of simple form
- 561-739 A fine bronze Finger Ring, with oval depression on front, found at Vagey, probably of the Early Iron period, rare; three ribbed

bronze Rings; and a Brooch Ring, with notched ornament

- 740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, found at Glenleslie, both probably of the Early Iron period; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age
- A CELTIC IRON BELL, of quadrangular section, with broad loop; 741 the clapper is still in position, and is heavy in proportion to the size of the bell, 7 in. high; there are small patches of the original bronze coating still on the outer surface; from the ancient Church of Markstown, Cullybackey, extremely rare [Pl. V]
- "THE LISSAN BELL," an iron bell of small size, of similar section 742 to the last item, the loop is depressed in the centre, 4 in. high; from Lissan, Co. Tyrone [Pl. V]
 - * Part of a letter from Bishop Reeve, relating to this bell, is
 - attached.
 - A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, an extremely fine and rare example of the Second Century A.D. [Pl. VII]

66 6743

- A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, all early examples and of interest
- 745 A stone Cup in the form of an open bowl, with a globular projection at the side, 3 in. diam., found near Newton Crommelin (see Uls. Jour., 1895); and a heavy stone Bowl, of simple form, 4¼ in. diam., found near Craigmaddy
- 746 A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; probably found near Connor (Ill. Uls. Jour. Arch., 1895, vol. XV, p. 4)
- 747 Two large brenze Rings, each with pendant rings attached to them; and twenty-five single Rings; found (with others) arranged in a semi-circle in a fort at Secon Hill, near Ballymoney 27
- 748 A large bronze Buckle; five bronze Finger Rings; two Harp Pegs39 of bronze; and four other Objects, on card
- Two curious iron Chisels, with solid butts and side loop, probably of the Early Iron period, very rare; nineteen Rings, of various periods; and thirteen other Objects

 34
- 750 A wooden Paddle; found in a bog near Ballymena, very rare and 3 to interesting
- A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17th Century); and a bronze Harp Peg 5
- A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; all found in Ireland and of an early period, an interesting lot

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

- 753 A large wooden Mether (damaged), found in a bog near Ballymena; and a small Cup, of similar form decorated with chevrons, found at Slenish (Ill. Ulst. Jour. Arch., vol. XV, p. 4)
- 754 Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, from Kells, all of the 18th Century 4

30 _755 Two rush-light Holders; a bronze Mortar; a metal Vase; and 3 three horn Cups Two decorated horn Cups (one Ill. Ulst. Jour. Arch., vol. XV, p. 5), and seven curious funnel-shaped Vessels in word and bone Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects a lot 758 Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving IMPLEMENTS FOUND IN OTHER COUNTRIES. 759 Thirteen paleolithic Implements, from Suffolk; one, from Wandsworth; another, from Stamford Hill; and seven Others, from 10 various English localities 760 An ovate flint Instrument, very rare; and seven Chert Implements, found at Broome, Dorset, all of the palwolithic period, some very good A Mousterian Implement, found at Wandsworth, rare; four 761 drift Implements, from Northfleet; nine others, found in Suffolk; and a good "twisted" Ovate, from Bottisham, rare, a good lot 15 Ten drift Implements; found in France, some from Saint Acheul 10 762 Nineteen Implements of late drift type; chiefly found at Bois du 763 Rocher, Côtes du Nord Two bone Implements; and a series of Scrapers of various types 40/764 and other Implements, from the French caves, an interesting Five chipped Axes, found at Spiennes, Belgium; a long Pressigny 637_765 Flake; a polished Axe, from Saxony; four polished Axes, from France; and seven others, also from France, all of the Neolithic period Twelve flint Axes, from Cissbury; seven others, from Grimes 30 _ 766 graves; a curious palæolithic Form, found at Weeting; eight varied Implements, from Suffolk; and six others, from East-

bourne

EGYPT.

*		
601-767	A tortoise Core; eleven Implements; and five others, all of Palwolithic period	the 4 Belfort
757-(768)	A flint Pick, found in a tomb at Medinet Habu; three other Pick	ks;
	and fourteen Implements, from the Neolithic workshop floor	at
	Wady-el-Sheikh	18
357-769	A series of Scrapers and worked Flakes, found near Helouan	222/10/- Keeler.
52/270)	A series of pigmy Implements and Borers, found at the so locality	me 3/-/- W
574771	Twenty-eight Implements, with serrated edges; some found El Kab, on two cards	at 4/-/-
20-772	Nine small Chisels; nine leaf-shaped Implements; and eigeculiar Flakes, chipped at one side, on three cards	263/5/-Harfu
157-773]	A slate Palette in the form of a fish; three others of simpler for and a finely chipped Chisel, rare	5 28/- Keeler 5
50 774	A series of Saw Blades, Lance Heads, small Axes, and other obje- from the Fayoum	ets, 3/-/-
customers		1,-1 1 1
401-775	A similar lot	25 3/5/ Spink
776	A similar lot	25 3/- 1- Salates
49-7771	A similar lot	25 2/10/-/
30 778	A similar lot	25 1/5/ 4 h
30 779	A similar lot	25 1/1 V
780	Another lot, similar	25 2/1-/ Kulin
781	A similar lot	6/5/- Inompron
		25 2/15/-
782	Another lot, consisting of Axes, worked Flakes, Lance Heads, other objects, also from the Fayoum	20 3/ Lewer
783	A similar series	20 4/10/-
784	A well-chipped Axe; two parts of flint Armlets; and twenty- other Implements; Fayoum	two 25/- Africk.
785	Five leaf-shaped Lance Heads; thirty worked Flakes and bro Implements; a finely chipped Arrow Head; and six oth Fayoum	23771
786	Thirteen fine Arrow Heads; and nine others of coarser works	man- 5/15/-
	ship on two cards · Fanoum	99

2/5/-

787	A flint Dagger of Danish type, 4 in. long, rare; and sixteen Arrow Heads of unusual form, some of fine quality, on card; Fayoum 17
788	Twenty flint Arrow Heads, some imperfect; Fayoum 20 2/-/- Eleley.
789	Another lot; same locality 20 2/10/- 8 4 Fenter
790	A similar lot; same locality 20 2/- /-
791	Another lot; same locality 20 2/-/- Kular.
792	Another lot; Fayoum 20 35%- Meeler
793	Another lot; Fayoum 20 3 of blowe.
794	Three "fish tail" Lance Heads (two broken); a Knife with indented grip; and two other Knives, on card, a good lot
795	A finely chipped broad Knife, with ripple flaking (broken); and two started Fragments of Knives
796	A curved Knife, with serrated edge (broken); and a Lance Head, 10/-/- favrence. also serrated
797	A series of quartzite Implements, of drift type; found by Mr. Seton Kerr in Somaliland, some fine
798	A similar lot, some fine 182/-/-45 ufact muses
799	An interesting series of chert Implements, many of Moustiers type; from the same source
800	A similar series
801	Twenty coarsely chipped Implements, of drift type; found in 2/5/ W. Madras
802	Six similar Implements; eight Flakes; a Pounder; a perforated Stone; and eight polished Celts; all from India 25
	DENMARK.
803	Three flint Picks; four tranchet Axes; four Scrapers, and an Axe of ordinary form; all from the "Kitchen Middens"; and two others
804	A finely chipped Blade, of celt form, 9 in. long (repaired); a chipped Chisel, with ground edge, 7 in. long; part of a Dagger; and a small Lance Head
805	A flint Dagger, with wavy ridge on the grip (repaired); another, with fish-tail termination to handle; and three lunar Knives, a
	good lot

806	A chipped flint Adze and an Axe, of early type, rare; a small Pic from Wisby; an Axe, of tranchet form; a polished Gouge; polished Axe; a perforated Net Sinker; and seven Flakes	
807	An unusually finely chipped Gouge, of brown flint, $8in. long$; an Axe, of similar workmanship, $10\frac{1}{2}in. long$	1d 3/5/- W ?
808	A boat-shaped Axe Hammer; another, of usual type; two polish flint Axes; and a Whetstone, of the Viking period	5/ Heilin
	SWISS LAKE DWELLINGS.	
809	An Axe, of nephrite, showing saw marks at sides, found at Fornear Estavayer; seven stone Chisels; a Fragment of decorate pottery; and two other Objects	
810	A finely chipped Knife, of <i>Pressigny</i> flint, rare; another, smalle seven Arrow Heads; a horn Socket; and two bone Pins	1230/-6.
811	A series of Scrapers, Knives, and other Implements; from Estavay and other sites	er 2/10/- 16.
812	A Nephrite (?) Axe, in horn socket, from Font; another, simila from Neuchatel; a diorite Axe, in socket; and two small Chise also mounted in horn	2 11 11 12
5/5/- 6. 813	A fine bronze Sickle, of early form; and a good tanged Knife, wi curved blade; both from Neuchatel	th 2
814	A very fine bronze Piu, with globular head, having four circul openings at the sides; nine bronze Pins, with decorated head a Fish Hook; a coiled Ring; and two other Objects, a very go lot	8; Il servet
20/-815	Ten Spindle Whorls, in stone and pottery, of the bronze period from Estavayer	1;28/keler
32 52 816	Four worked Flakes; nine unfinished Implements; and six pla Flakes; all found in Egypt	in 19
121-8171	Twelve Flakes, with secondary chipping; and twenty-four plates; Egypt	in 20/-7
12/-818	A similar lot; Egypt	36 2 d - New trace
(3/-) 787-819	A series of fifty-one flint Arrow Heads, found in Ohio and oth American localities, on five cards	er 51
50 820	Another series, including some unusually fine examples	10390 Keeler

		57 Fourth Day
(2/5/-)	8. 821	A large grooved Axe, Illinois; and five others, said to have been found at Saint Vincent 6
(28)-	7. (822)	An Adze, from Easter Island; two others, Solomon Islands; a Chisel, Fiji; and a long obsidian Flake, with trimmed edge, Admiralty Islands 5
29	64.823	A small Axe; a discoidal Stone, Arkansas; three Axes, New Guinea; a Chisel, Pitcairn Island; and two others 8
36)-	12.824	A very fine and unusually large Adze, and three others; all from New Guinea 4
	825	Eight finely chipped glass Lance Heads, from Australia, on card 8 2 90 6
	826	Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; Australia, on card
	827	Four Knives, mounted in gum handles; two Scabbards or Sheaths; 3/5/- 1 a Spear Point; and nine Arrow Heads, in various materials; W. Australia 16
	828	Two well decorated Boomerangs; four others; a Waddy or Club; 4/0/6. three Spear Throwers; and two "Bull Roarers"; Australia 12
	829	A number of roughly chipped Implements, from Tasmania, in all Lewellette various materials
	830	Two grooved Hammers; and four others, Australia 6 12/-6.
	831	Ten well-chipped Spear Heads of chert; and four Flakes, some 30/ Below him with gum mounting, Australia
	832	Twelve chipped glass Lance Heads; Australia 12 2/15/ Burrows.
	833	AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of dark stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 in. by $5\frac{1}{2}$ in.; from New Guinea
(6/-)	10.834	Three hafted stone Weapons, Australia; a wooden Paddle; and a Shield and a slender Club, both decorated 6
ONI	57 835	Four good hafted Adzes; New Guinea
(4)	836	Two hafted shell Adzes, Admiralty Islands; a hafted Axe; and another, of jade (?), both New Guinea
	837	Two hafted Adzes, Fiji; and a jade (?) Axe, in carved wooden 3/-/- &. handle, Samoa
	838	A decorated Dancing Club, of canoe form, New Hebrides; a carved 2/-/- Adze Handle; and three others

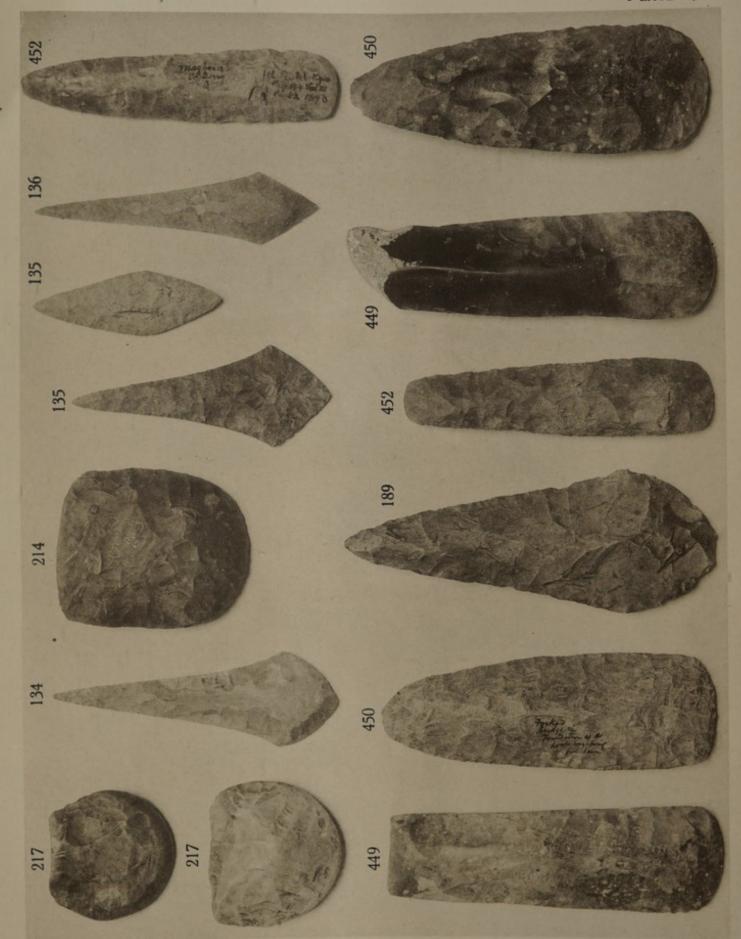
-	839 A Club, made from a sawfish snout, New Guinca; two Shields, Australia; and another, of plaited cane
(30)	A Quiver of Arrows; four mounted stone Implements, Australia; two decorated lime Spoons, of large size, New Guinea; and a carved Club, New Guinea (?)
(3/10)	7. 84D A stone Tomahawk, and another, with metal head, decorated, both N. America; two incurved Axes, Saint Vincent; a stone Axe, Togoland; and a stone Disc, from a digging-stick, Cape Colony 6
(20/-)	747 842 Three carved wooden Clubs, Fiji; and a well-carved Spear, with obsidian head
(26)	5. 843 Five various stone-headed Clubs; New Guinea 5
X	3. 844 A similar lot 5
311-	3,845 A similar lot
7299	846 Eighteen small stone Adzes, some roughly chipped; and thirty-three Fragments; from various New Zealand localities 512/-/-
	A stone Adze, in elaborately carved wooden handle, rare; and another, in a plain handle, from H.M.S. Challenger expedition; both from New Zealand 2
	848 Five "Moa Stones"; six shell Objects; a Scraper, Nelson; four small Adzes; and six Fragments; all from New Zealand 22
	Adzes; all New Zealand 5290 6
	A finely-polished stone Mere, 12 in. long; and two well-finished Adzes; New Zealand
	and three polished Adzes; all from New Zealand 4
	A fine jade Adze, 7½ in. long, Auckland; an Axe, with oblique edge (found in the Thames); and a roughly chipped Block, from the 590. 6. Rakaia encampment; all from New Zealand 3
3/10/-	A fine Chisel, in light green stone, $6\frac{1}{2}$ in. long; two Adzes, in ordinary material, with highly polished surface; and a small Adze, of jade; all from New Zealand 4
(6/10/-)	A flat Blade, of jade, with saw cut on side; and four others, in similar material; New Zealand 5
	855 AN IMPORTANT TIKI, of jade, of unusually good workmanship, 93/0/6.
	856 Another, in bone, 3 in. long, rare, New Zealand 1/2/-/- 6.

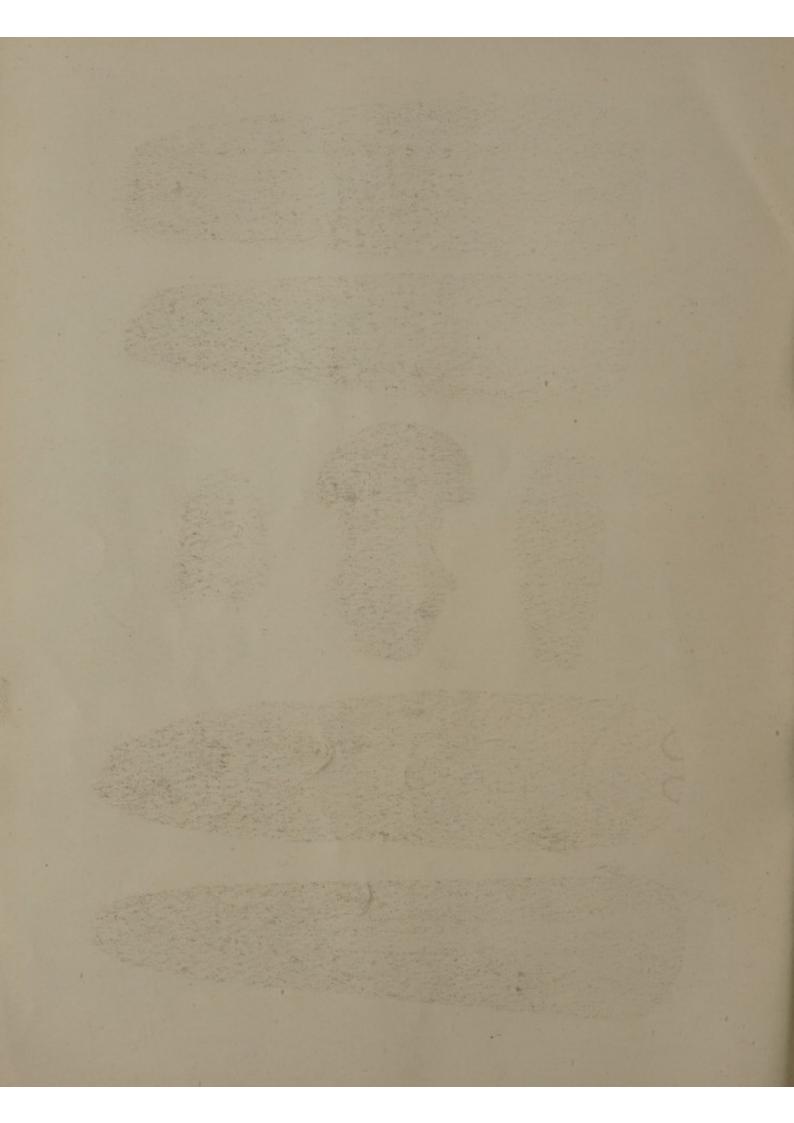
		1 1 1 20 1000
857	Three fine Ear Pendants, of jade, New Zealand 3	2/10/- Tenion.
858	Another, of curved form; an Example of rich green colour; and another, in darker material, 4 in. long; New Zealand 3	84/10/- Fundon.
859	A number of Implements and Bones, from the Torbryan Caves, Devonshire; a chipped Axe, from the Thames; twelve fine flint Arrow Heads, found in Egypt; three various polished Axes; and seven others a lot	4/5/- Keelen.
860	Four ribbed glass Balls, from India; a Fish Hook and two decorated Rods, from West Australia; six recently mounted Implements; and two others	4-1-
861	Five Chinese Armlets; five Charms; and two Seals, some of jade, on card	3/ husbon.
862	A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card	3)-/- ,- "
863	Thirteen pigmy Implements, Yorkshire; and twenty-four English flint Arrow Heads	2/5/. Keeler.
864	Nine chert Knives; thirty Arrow Heads; and a Borer, Japan 40	132/- 10
865	Seven extremely tiny Arrow Heads, found in Colombia River; six flint Arrow Heads, and four coarser Implements, Italy; two Arrow Heads, from Finisterre; and seven Arab Amulets, in carnelian 26	4/15/-6.
866	Ten Implements, from the Cape of Good Hope; and sixty-five Pigmies and tiny Flakes, from various Indian localities 75	22/- 16.

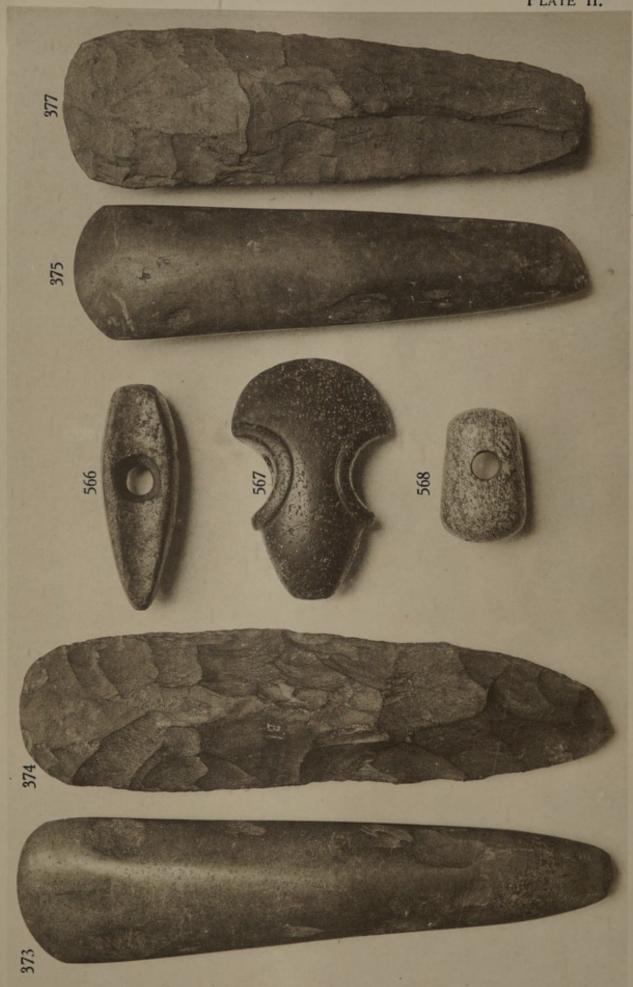
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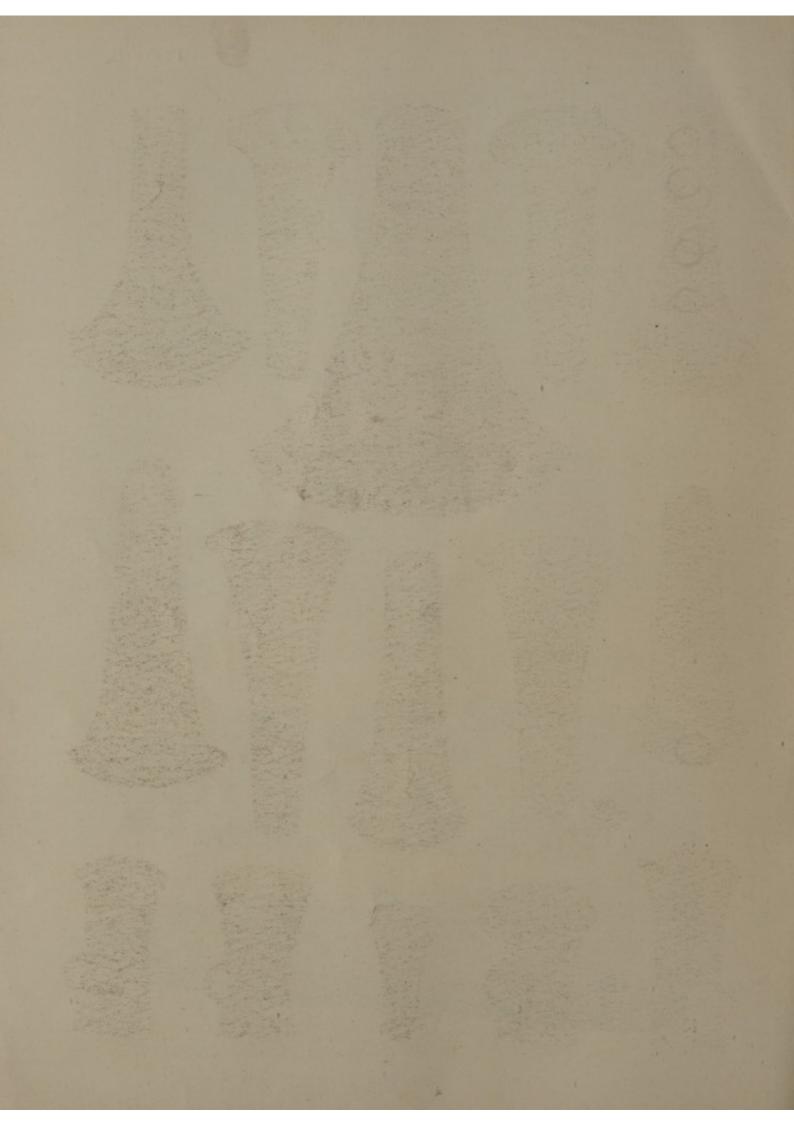
	Three fine Har Pondants, of Jude, North Norbert - The Lon . 3	
1.0	Another, of emved form; an ilkangle of rich green colonic; and monther, in Section assertion of the Angr. New Montand St	
13	Were the desired of the testing of the training desired by the training for the testing of the training for the testing of the	
	Plan Chilmen According to the Charge of and I we limit, some of Lade,	
	A Children Armilet de Onemorie; and John Mires, all of School as	
	Hall and place begin made. Forbelters and twenty-law linglish.	
	Viewbert Kniver; things A con it and a Marin Marine 40	
	Acres exceemely slop Arrow Heads, for all the Charles Research and the Charles two Arrow Heads, it as a land over the Charles and arrow has a charles and a char	
	Ton Implements, does the Copy of the street and sixty fire bigneries	

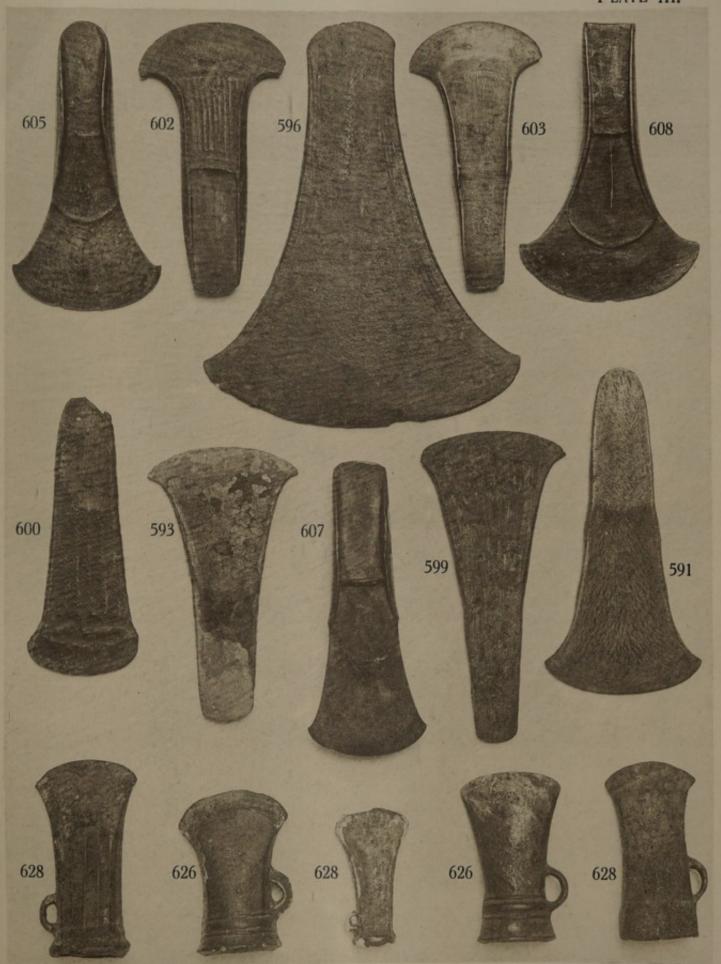
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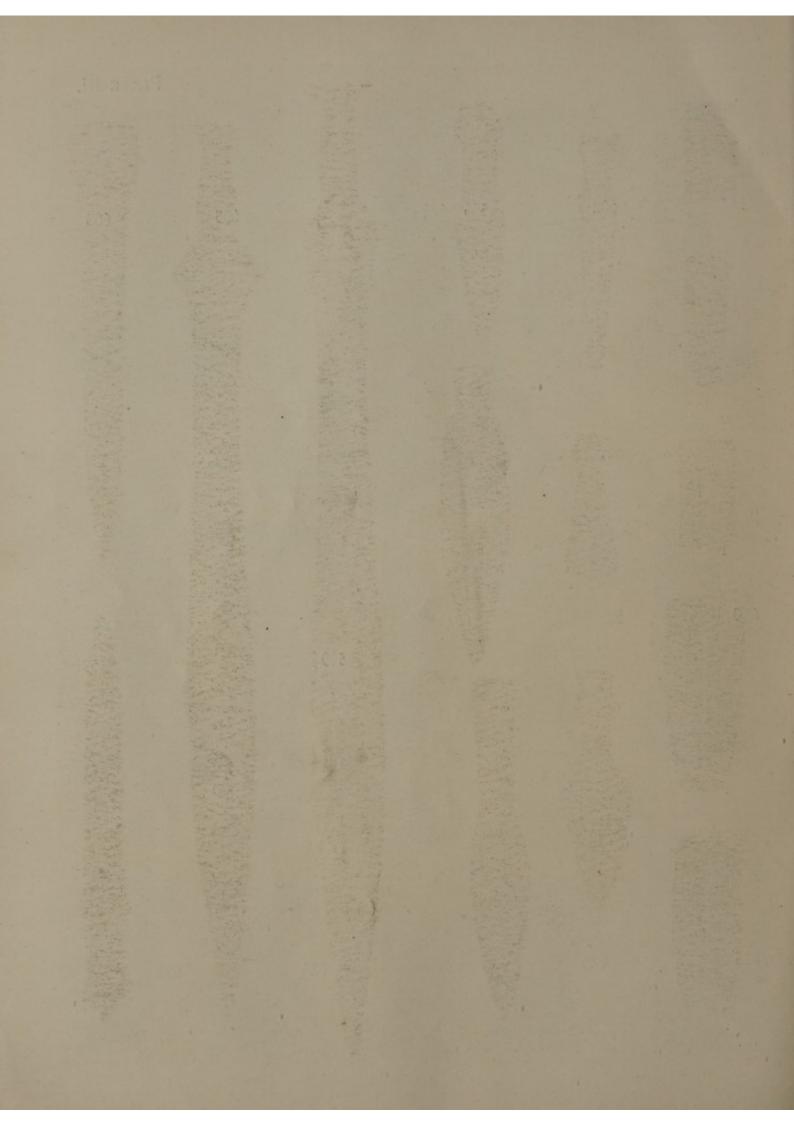


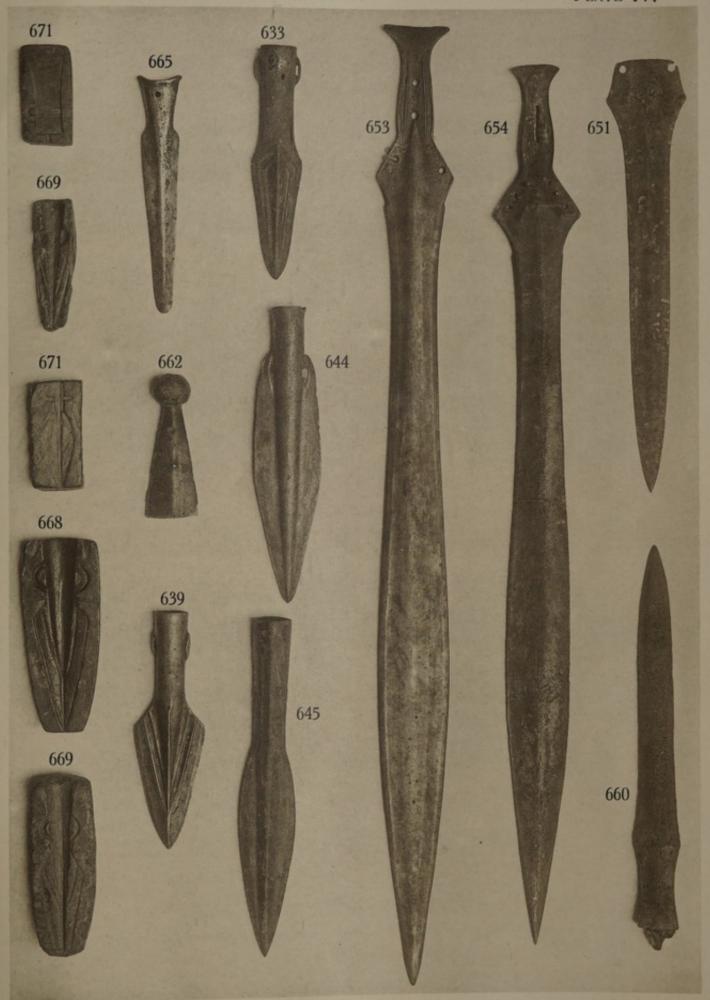


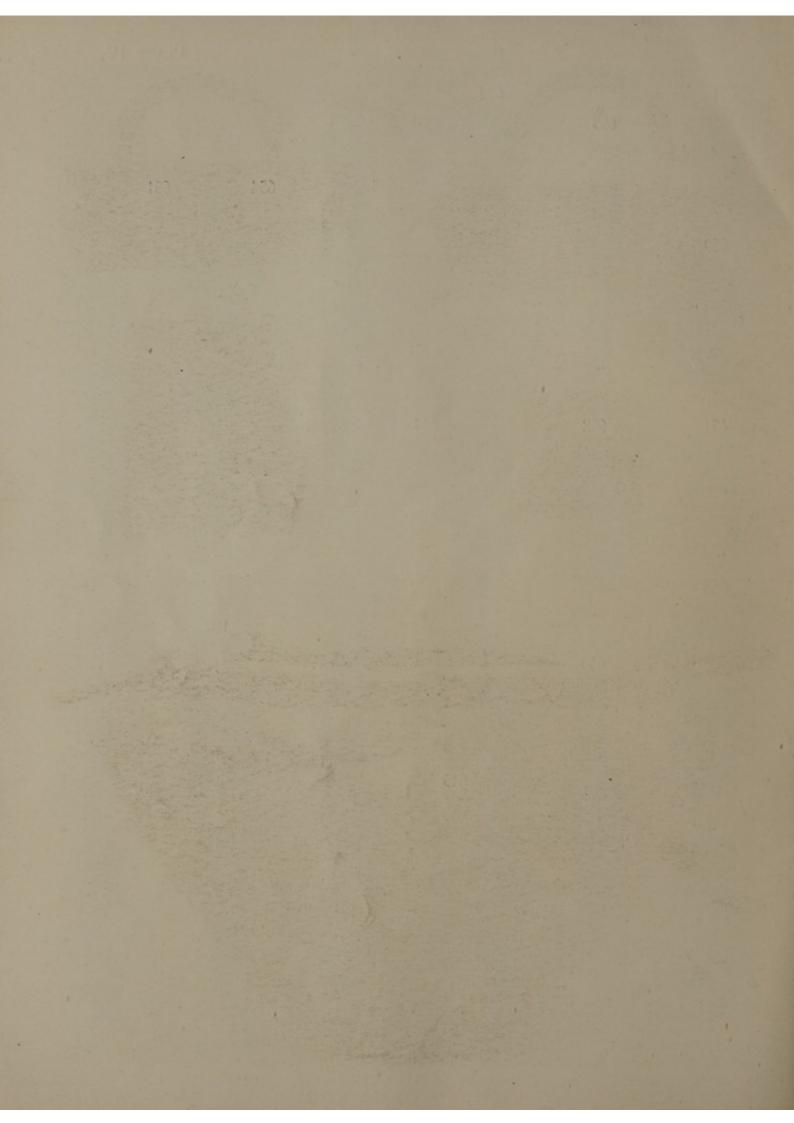




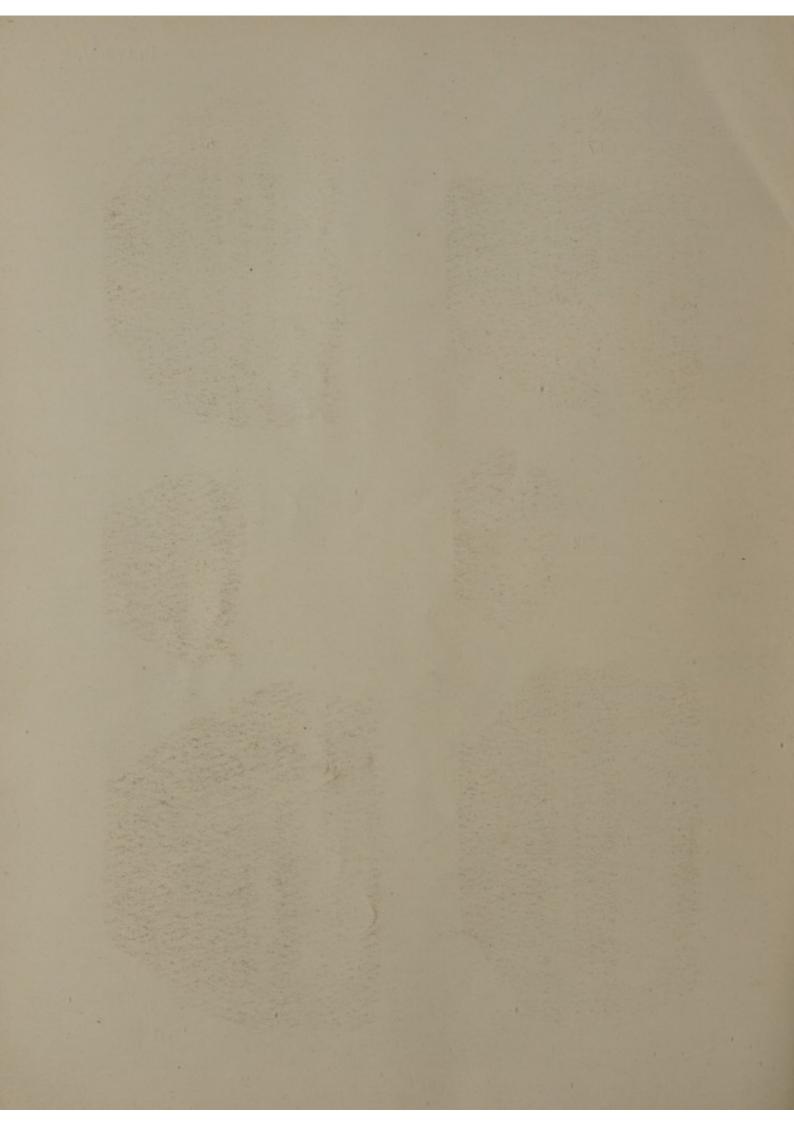


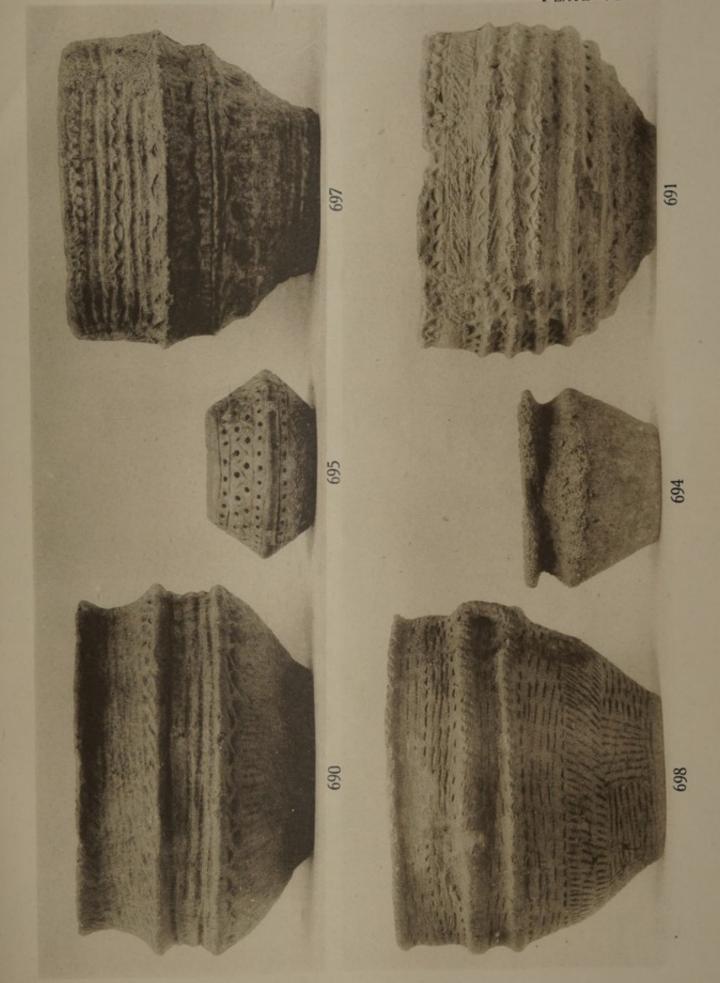


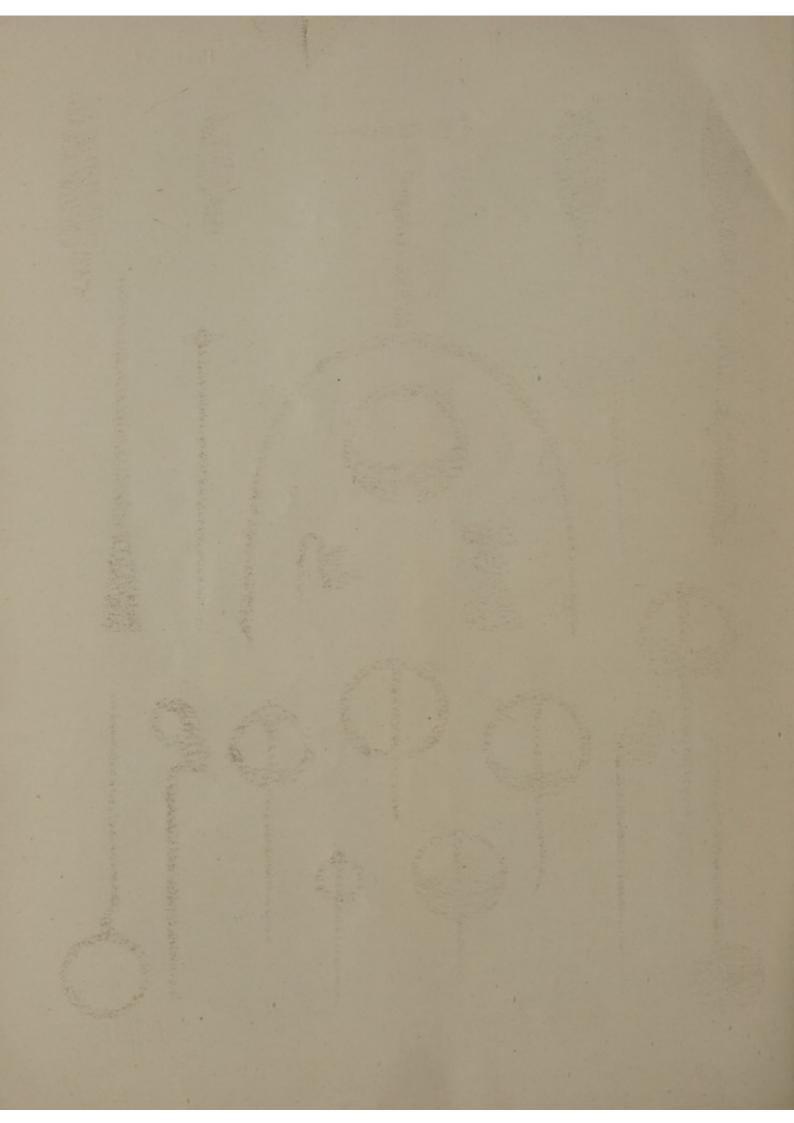












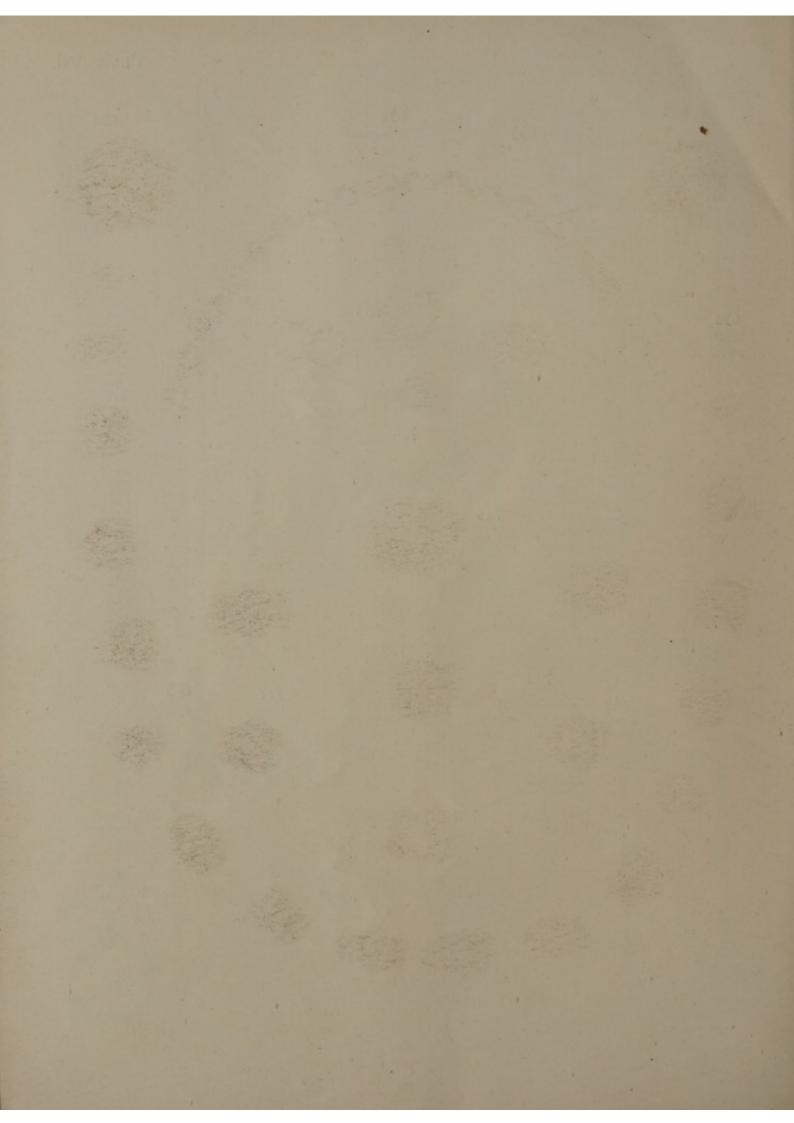
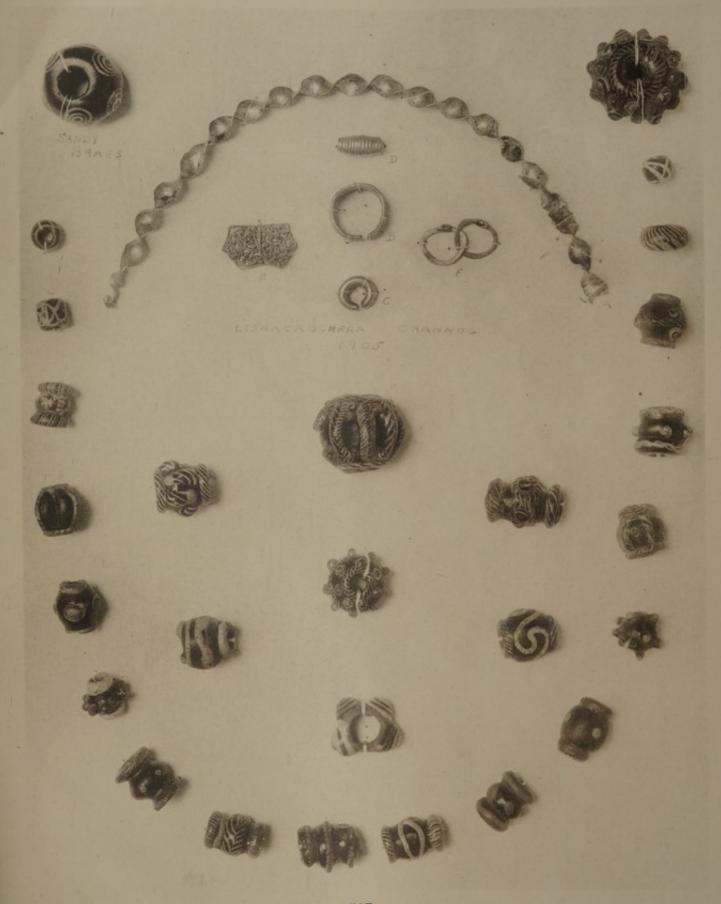
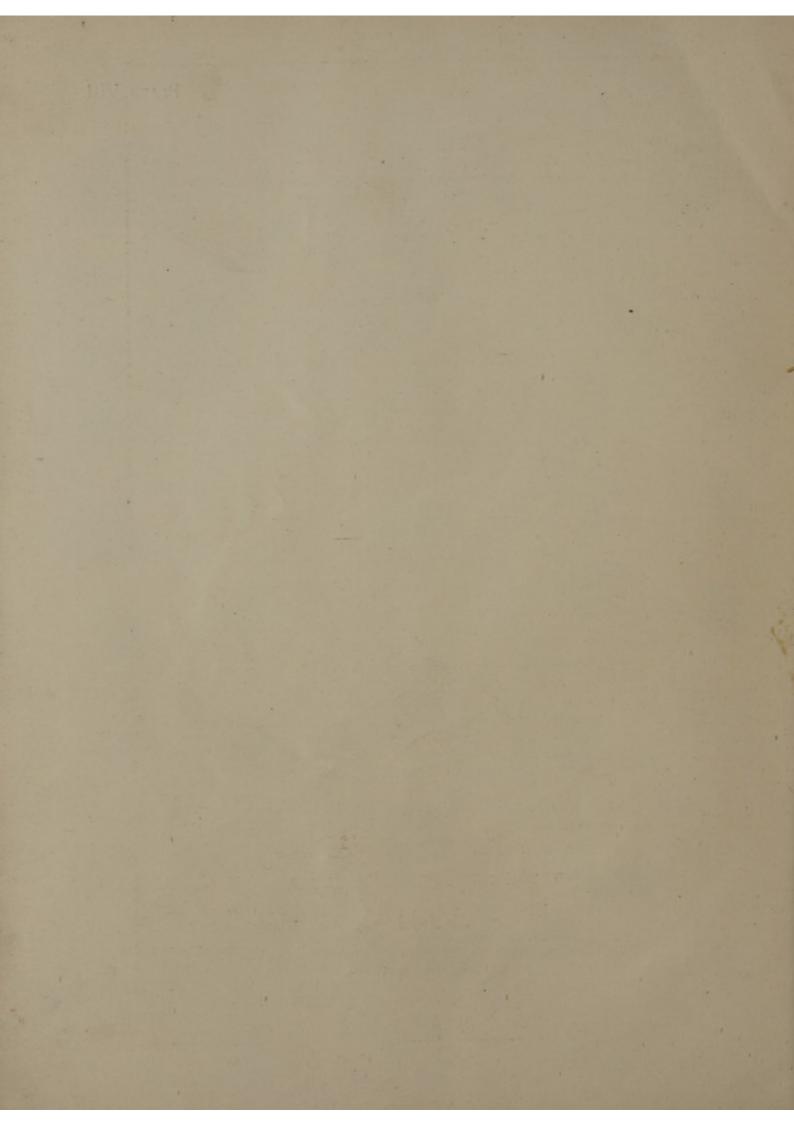


PLATE VIII.





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B. FOREIGN.

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New York Times.

New York Evening Post. Boston Evening Transcript.

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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and coun tries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

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THE WELL-KNOWN COLLECTION

Pre-historic Antiquities, Etc.

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W. J. KNOWLES, Esq., M.R.I.A. of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

LOT	THE RIVER BANN.	
167-1	Thirteen good flint Knives; and nine unfinished Spear Heads, on 20/- Feats	2
18/-2	Three unusually long Flakes; and eighteen others, with worked butts, on three cards	_
./57-3	Twenty-nine Flakes, with worked butts, on two cards 2529 26/-	
12/-4	A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (all illus- trated in the Journal of the Roy. Irish Academy, vol. XXX, plates 12-14).	nel

20/-5	A fine Kuife; two Scrapers; three Cores; five Borers; three pl Flakes; and a Knife with incurved cutting edge (all illustra in the same Journal as previous lot)	0101-111001100
157-61	Eight flint Axes of "Kitchen Midden" type, rare	826/ nayler
157-71	Eight hollow Scrapers; eight Borers; and four knives, all go	
	specimens	20
8/-8/	A similar lot, also good	20 24/- Feator
_8/-9/	Another lot, also good	20 100
12/-10	Six unusually good Scrapers, found together at Port Glenone; f Cores; six Knives; and four "Points," a good lot	our 24/-
12/-11	Twenty tanged Knives; a Scraper; two Fabricators; twelve of Knives; and six pointed Implements	her 28/ Elder
12/12)	A similar lot	40 24/ Lawrence
101-13	A similar lot	4028/ Bldel
10/-14)	A similar lot	4024- 8lder
157-151	A similar lot	4020/-
7/- 16	A similar lot	40 2go naylar
(16/-) 7/- 17/	A similar lot	40 18/ Lawrence
(167) 61-18	A similar lot	40 16/ Willia
61-19	A similar lot	40 16/ Willea
10/- 20	A simila lot	40 2/14 Region.
257-21	An unusually fine Borer or Pick; a large Flake, with worked side four Fabricators; two Cores; two Scrapers; ten tanged Kniv sixteen "Points"; a flint Adze; and a small Axe	
20/-22	A curious flint Chisel, with ground edge, rare; a smaller examp four roughly chipped Axes; a Pick; ten pointed Implementand four others	ole; 32/ Nayler. 21
20/-23	A curious Core, with palæolithic patina, found at Culbane; two other Cores; three hollow Scrapers; ten Knives; twelve "Point and twelve typical Flakes	elve 22/ Naylex 50
137-24]	Twelve Cores; seven "Points"; six Knives; and twenty Flakes	45 10 -24
10/-25	A similar series	45 /8/-
12-26	Another series	45 14
137-27	Thirteen Cores; six "Points"; six Knives; and twenty-Flakes	five 284- Naylor

		7 First	Day	
(24E)	20/080	Twenty Cores; six Knives; and fifty Flakes	76	
(1)	257-69	One hundred typical Flakes	100	
COL	2d (30)	One hundred-and-thirty similar Flakes		26/- Wilton
26/7	157-31	One hundred others	100	0 /-
	20/-32	One hundred others, with secondary chipping, an interesting lot		26/- Lawrence
23)	20/63	Eighty-one others, many with secondary chipping, including illustrated in Jour. R. I. A., vol. XXX, pl. 12, fig. 11	one 81	40
	187-341	Thirty very fine Flakes; found in the Bann at Coleraine		2/4/- Raylor
	/5/_ 35	Eighty unusually fine Flakes, some with secondary chipping illustrated)	(one 80	18/ Lawrence
	20/-36	A coarsely chipped "Point" of Moustierian form; found at Cult rare (Ill. in Jour. R. I. A., vol. XXX, pl. 13, fig. 42)	bane,	60/-
Mills .	20/- 37	Ten Axes of "tranchet" type; found in the Bann, rare	10	2/12/ naylor
	20/-38	Another series	10	24/ 8 ldie
(22/)	157-39	Another series	10	22/ Willis
(22/7)	15740	Another series	10	11:11
(26/7)	20/41	An Implement, with palæolithic patina; and nine "tranchet" Axe	s 10	26/- wins
	20/-42	A finely worked "Point" (Ill. Jour. R. I. A., vol. XXX, pl. fig. 44); a finely chipped "tranchet" Axe (Ill. R. S. A. I., vol. pl. 144, fig. 6); another (same Journal, fig. 7); two Ovates; six "tranchet" Axes	111,	2/10/-
(24)	257-03	A series of polished Axes and other Implements, some doubtful	13	
	157-44	Twenty stone spindle Whorls	20_	38/-
401	40/-00	Twelve plain Hone Stones; and eight others, with perforations	20	-111 h. Sin
100	40/-46	A similar lot	20	4/2/6/1000
2/18/7	35/1	Ten plain Hones, and ten perforated examples	20	2/10/-
	357-48]	Seven plain Hones; two perforated "tracked" Stones; six forated Hones; a stone Pendant; a decorated Stone, with perforations; and a grooved Whetstone	per- two 18	4/17/6 Naylor
(26/-)	7/-49	Fifty Flakes, some with secondary chipping	50	26/- Wells
	357-501	A Handle for an implement, made from the root of a tree, of glo	bular	40/-

form, with conical socket for the insertion of a flint, 2 in. long; found at Culbane, extremely rare, if not unique (Ill. Jour. R. I. A.,

vol. XXX, pl. 13, fig. 24)

		WHITE PARK BAY SITE.	
	8/- 51	A series of Cores, Scrapers, and other Implements about 100	34/- Keelu
28/-)	20/52	A similar series about 100	28- Weller
200	40/-63	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers 38	
	157-54	A series of Scrapers, including some hollow varieties; and several small Axes a lot	24/- Lawren
	<u>67-55</u>	Seven tanged Arrow Heads; two Scrapers; and a Flake (several illustrated in Jour. R. I. A.)	26/-
	7/- 56	Sixteen Scrapers (also illustrated) 16	10/-Lauren
	20/-57	A tanged Implement (illustrated); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements 44	221- nayl
	7/-58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; all found at Portstewart 40	22/ Elder
	59	A series of notched Scrapers, and Knives; White Park Bay 38	
	60	Three well chipped Knives; fourteen Borers; and seven other Implements 24	
(32)	20/-61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (illustrated); seven Cores; and twenty-six other Implements 54	
		PORTSTEWART SITE.	
(20/-)	12/-62	Fifty Scrapers; twenty Cores; and thirty Flakes 100	201 Willer
(32/-)	20163	Two Axes of "Midden" type (one Ill. Jour. R. I. A.); ten Knives; five Pounders; and thirty one other Implements, some good 48	
	7/- 641	Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, all good	CAMPBELL AND DESCRIPTION OF THE PERSON NAMED IN
(28)	12/65	A series of Scrapers, of varied types about 150	28/ Weller
	66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; found on Dundrum Sandhills 57	
(401)	40/67	An interesting series of roughly chipped Implements of basalt, many of scraper form; found at Tievebullagh 30	
	68	Fourteen Implements, of quartzite; found at Maghera 14	

		9 First	Day
6	30/-69	Sixteen small Pebbles, found together at Portstewart; nine and twenty-six Flakes, from Dundrum; and fifteen others,	Cores
-B		from Portstewart	66
(201)	35/10	A group of Scrapers and Flakes, from the "black layer" at W Park Bay; and six Flakes of light weight, from Culbane	Vhite a lot
	35/711	Three tanged Knives; a chisel-ended Arrow Head; a Scra	

a Hammer Stone of quartzite (Illustrated R. I. A., 1901); and 40/ Neytor a number of other Implements; found on the sandhills at Narin, Co. Donegal

FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR CUSHENDALL, CO. ANTRIM

(1	CUSHENDALL, CO. ANTRIM.	
(280)	75/00	One hundred "Axes in the making"; and twenty spherical Hamr	ner
-			20
(48/-)	65/-03	A similar series	20
	50/-74	A similar series	20 2/16/- /Sellor
(00)	40/- 75	Another series	120 2/6/
(38/-)	40/- (6)	Another series	20
(46)	50/-07		20
	40/-78	Another series	20 2/4/ Heller
-	40/-79	Another series	20 2/6/- Fentes
4419	50/-80	Another series	20
20	52/-8	Another series	120
(341)	30/- 82	Another series	20
(32)	401-83	Another series	20 -12/11/11
3/157-)	50/8	One hundred unfinished Axes	00 4/st Willis
20	257_85	One hundred, similar	00 3/5/ Fenter
	257- 86	Another lot, similar	00 30/ Fenter
0	30/- 87	Another series	00 34/- Beeler
(49-)	30/-(88)	Another series	00 40/ Willer
	257-891	Another series	00 30/ Heller
(36/-)	29/-90	Another series 1	00 36/- Welles
(32/3)	20/- 91	Another series 1	00 32/ Willes
(44)	30/-12	A number of broken Axes; others "in the making"; a few flak and some rather well-chipped examples of unfinished Axes,	716 - 1.1100000
			29

20/- 93	A series of Needles and other Bone Implements, chiefly found at White Park Bay; Bones of the Great Auk and the Gannet, also from White Park Bay a lot	
(8/10/) 5. 40/10)	Two perforated stag-horn Implements, rare; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; all found at White Park Bay a lot	Weller
(10) 60/- 357-95	Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, from Portstewart; Pottery Fragments, from Dundrum; and a small box of Teeth and Shells, from Narin a lot	8/10/- Willes
5: 30/96	A lump of Red Ochre, found at Culbane; a Celtic Bronze Pin, with decorated head, Portstewart; specimens of Mud, from Lisna-croghera Crannog; Red Paint, found at Portstewart; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, all from White Park Bay, an interesting lot a lot	3/5/- Willin
357- 97]	Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its flaked surface), from Larne and other localities 60	8/5/ nagen
(26) 357-58	Sixty other similar Objects, same localities 60	
28/- 50/- 25/(99)	Fourteen pick-shaped Implements: thirteen Flakes and five Cores, with palæolithic patina, from Larne, etc. 29	28/ Willer
(30/) 30/- (10)	A similar lot 29	- PE 183
ARR	OW HEADS & OTHER IMPLEMENTS OF FLINT, FOUND IN COUNTIES DOWN AND ANTRIM.	100 CE
25/_101	Sixteen very fine barbed Arrow Heads; and five others, with indented bases, on three cards	4/-
737-102	Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, found at Ballinaloot, rare, on six cards	01.74
(4/4/-) 5. 50/003	Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards 57	4710
(3/10/-) 7. 78/- 104	Thirteen fine large barbed Arrow Heads; and forty-seven others of varied types, on five cards	S/10/- Willer

	11 First	Day	
8. 80/-105	Ninety-two Arrow Heads, of varied types, on six cards, good	some 92_	6/15/- Willes
19- 9.80/- 106/	Ninety-five others, of varied types, on five cards, some fine	95	8/10/ Willia
7.70/- 107	Eighty-eight others, similar, on five cards, some very fine	88	8/15/- Kellor
857-49-108	Fifty-seven others, of varied types, on five cards, some good	57	5/10/- Elder
90-40-109	Sixty-three others, some with polished faces, on five cards, a good lot	very 63	7/57-
6/15/-) 5. 50/110	Seventy-three others, some rare forms included, on six cards	73	6/15 Willer
30/-111	Seventy-six others, varied, on five cards, some very fine	76	6/37-
40/112	Fifty-three others, of varied types, some fine examples included five cards	1, on 53	57+ Lawrence
401-113	Seven leaf-shaped Spear Heads, of early form; and fifty-others, varied, on five cards, some fine	eight 65	7/10/ Hellor
40/-114	A fine Lance Head, 5 in. long, with both faces ground; others; and fifty-eight specimens, of varied form, on cards	five five 64	6/- Lawrence
40/-115	An extremely interesting leaf-shaped Arrow Head, showing scars of the shaft; a barbed specimen, mounted in a piece of American bone shaft; a fine serrated Arrow Head; and in nine others, on five cards, many fine specimens included	f an	9/10/- applela
54-116	Sixty-one varied examples of Arrow Heads, on five cards, fine	some 61	5/10/ /Lellor.
257-117	Nine unusually fine lozenge-shaped Lance Heads, some of e form; and fifty-six others, of varied types, on five cards	early 65	7/4 Lawrence
118	Sixty-nine selected examples of Arrow and Lance Heads, a extremely fine lozenge and other forms included, on five card		
58/-119	Nine good lozenge-shaped Lance Heads, some partly ground; sixty-nine others, of varied types, on five cards	and 78	5/18/ Lawrence
80/- 120	An extremely fine leaf-shaped Lance Head (used in curing co and eight others, all fine, on one card	9	10/-1- Naylor
*	** The "elf dart," or arrow, was popularly credited in Ireland having the power to cure sick cattle. (See Evans' Ancient S Implements, second edition, p. 365).	with Stone	
70/-121	A lozenge-shaped Lance Head, in dark flint, having a light-colo scar in the centre of the blade, $3\frac{1}{4}$ in. long, found in Craig (see Jour. Soc. Ant. of Scotland, vol. XLIII, fig. 3, p. 2	Bog	29-1- Lawrence
		150	

64 18

Lor 1	21—continued. another of more slender form, with a similar scar (also il	Uus-
	trated); and two others, with scars; all found in Co. Antron on one card	
*	** The interesting missiles showing the scar of the original arr shaft, are of the highest rarity.	ow
50/-122	Portion of the wooden Shaft of an arrow head, with the original binding of sinew, found in Kanes Town Bog, also of the high rarity (see Jour. Anth. Inst., vol. XXXIII, p. 55)	XI-I IIIIII
50/-123	A leaf-shaped Lance Head, showing scars of the shaft, 3 in. lo found at Curncarney, near Kells; and another of broad loze form, with similar scar, also of great rarity	10/1-160160
30/- 124	Two others of javelin head type; and two smaller specimens, showing similar scars; Co. Antrim	all 6/10/-
5. 50/-1251	A coarsely chipped lozenge-shaped Flint used for curing cattle; for Craigbally (see previous note); and two small Arrow Heads	3 6/187 Willer
357 126	Twenty-five selected Arrow Heads of varied types, all very fine	25 3/87 Elder
20/-127	A similar lot	25 4/4 Lawrence
20/-127A	A similar lot	25 57-6 Feater
30/-128	A similar lot	25 6/-/-
30/-129	A similar lot	25 5/10/- Newal
30/-130	A similar lot	25 6/4 Elder
30/431	A similar lot	25 4/15/ Fester
30/-132	A similar lot	25 4/10/ Feater
20/133	A similar lot	25 4/37 nagler
39-134	An unusually fine kite-shaped Lance Head, with extremely delic chipping, and remains of polishing on the two faces, 6 in. lo found in peat between Bellaghy and Castle Dawson [Pl. I]	20/1
257-135	Another, with strong angular projections towards the base, chip only (repaired), 5\frac{1}{4} in. long, found at Glenleslie [Pl. 1]; and finely chipped lozenge-shaped Lance Head, 4 in. long, found Ballyvady	d a 10/4
25/-136	Another, in grey flint, most delicately flaked, with polish on b faces, $5\frac{7}{8}$ in. long; found at Tyhorney [Pl. I] ** Both Nos. 134 and 136 are illustrated in Jour. Anth. Inst., XXXIII, pl. XI.	25/1-

	- 1 1			
	20/-137	A finely chipped Knife, 33 in.; three "Points a cran" of S	olutré	26-1
		type; nine Arrow Heads; two other Knives; four other	Imple-	4101-
	0.7	ments, found at Portstewart and Grangemore; a leaf-s Lance Head; and a leaf-shaped Blade, 3\sum_8 in. long, fou		Helbor.
	. 117	Watercloney, both fine	21	
	35/- 138/	An interesting series of seventy leaf-shaped Arrow Head	s ; Co.	40/- Elder
	92	Antrim	70	47
	139	A similar series	69	3/15/ Elele
	23/-140	Another series	70	3/15/- 6 tall
	141	A similar lot	70	
	142	A similar series	70	
	143	A similar lot	70	
	144	A similar lot, some fine	70	
1-)	145	A similar lot, some fine	70	11-11-
19	-60/2146	Another series, chiefly of the barbed and indented types, fine	some 70	4/10/ Willes
	30/- 147	Another series, similar	70	57-4 blder
	148	Another lot, similar	70	(99) 101 (191)
	149	Another lot, similar	70	
	50/-150	Another lot, similar	70	3/10/-
	151	Another lot, similar	70	
4-1-	(152)	Another lot, similar	70	
-	153	Another series of selected varied types	70	
	154	A similar series	70	
	50/- 155/	A similar series, very good	70	4/4 Lawrence
	156	A similar lot, including a tiny example, all good	70	
	157	A similar lot, all good	70	
	158	Another good lot, including several serrated examples	70	
	159	Another series of varied types	70	
	160	Another series, similar, some good	70	
	161	Another series, several serrated	70	
	162	Another series, some very fine	70	
	163	Another series	70	
	164	Another series, some fine	70	
	101	221001101 101101 101101	10	

	165	Another series, some fine	70
	50/-166	Another series, many fine, including a fine lozenge-shaped A	70 4/15/-
	167	A similar series, some very fine	70
	168	Another lot, chiefly of leaf form, some very fine	70
	169	Another series, some very fine	70
	170	Another series, including many barbed varieties	70
	171	An interesting series, including a lozenge-shaped Lance He unusual size, and some rarer varieties of Arrow Heads	ad of 70
3/157-) 957-	53/- (72)	Another lot, including many fine barbed specimens	70 3/15 Wille
	173	Another lot, some fine Lance Heads included	70
	174	Another series, including many varieties	70
	175	Another lot, varied types, some very fine	70
	176	Eighty-seven leaf-shaped Arrow Heads of varied types	87
-	177	Another lot, similar	87
(70/-) 85/-	50/178	An interesting series of leaf-shaped, indented and partly fir Arrow Heads; Co. Antrim	114 Willes
(0/-1-) 5	60/179	Another series of Arrow Heads of varied forms, some of ric colour, others made of basalt (?), many of them beautifully chi all with Antrim localities	pped; 10/1- 70 William
	180	Another series of varied forms; found at Culbane	50
	181	A lot of fifty-three Knives, Spears and Arrow Heads, some in cess of manufacture	n pro- 53
(73/5)	182	Another series of Spear Heads, showing various stages of a facture	manu- 66
	183	A large series of Spear and Arrow Heads, tanged and barbed leaf-shaped; found in the Bann	l, and 115
	20/-184	A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ in. long; another of loform, $3\frac{3}{4}$ in. long; a Knife, with grinding on one face; and others; all from Antrim, a good lot	
	185	Another lot, similar	20
	186	A similar lot	27
	187	A similar lot, some fine examples included	. 21
	188	Another lot, similar	37

50	- 189	A Spear Head, of elongated kite form, well chipped, of unusually large size, 7½ in.; found at Carndoo (Ill. Jour. Anth. Inst., vol. XXXIII, pl. VIII) [Pl. I]	10/-1- Belfoot mus
25/	190	Implement, of broad leaf form, well chipped, $6\frac{7}{8}$ in. long; found as Brougham (perhaps an unfinished axe), interesting	Belfoot Mus Giof- Belfort mus
	191	Twenty very fine chipped Knives, of varied form 20	
	192	A similar lot	
	193	Another lot, very fine	
	194	A selection of leaf-shaped Knives; tanged examples; and Borers all good	
	195	A similar lot	
	196	A similar lot	5/16/0
(3)	197	A similar lot	
FU 69-03:	5/198	A similar lot	42/ Willer
	199	A similar lot	
	200	A similar lot	
(1)	201	A similar lot	
(3/3/)	202	Fifteen unusually fine leaf-shaped Knives; and six unfinished Knives or Spear Heads, on two cards	
(107-) 7, 801	-203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives on two cards	4/167 Ville
1/37- 737-48	7-200	Another series, varied, on four cards	3/15/ Willer
Joj-) 5. 52	/205	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives on two cards Another series, varied, on four cards A fine serrated leaf-shaped Knife; twenty-one others; and twelve tanged Knives, on three cards	3/10/ Willer
	206	Another series, assorted 50	
	207	A similar lot 50	
	208	Twenty selected examples of Knives 20	
	209	A similar lot	
	210	A similar lot	
(60/-)	211	A similar lot	
	212	A similar lot	
(12/6)	213	Seventeen fine Knives; three very fine tanged examples; and seven very fine Borers	

(4/10/-)	757- 59-213	A Knife, of chipped flint, with rounded sides and square end, unusually fine workmanship, 3\frac{3}{8} in. by 3\frac{1}{4} in.; found in Carro Bog, extremely rare [Pl. 1]	
	50/-215	Another, of similar form, with ground surface, 3\frac{3}{8} in. by 3\frac{1}{8} i Glenish; and part of another, also rare	n., 4/15/-
	54- 216	Another, similar, of good form, partly polished, with one straight, 23 in.; and another, smaller; both from Glenleslie	de 2/-/-
	53/-217	Another, with semi-circular cutting edge and well ground surfa $2\frac{1}{2}$ in. by $2\frac{1}{2}$ in., from Glarryford; and another, equally fine, from Glenbush [PI. 1]	MACCOI.
()	7657-357-218	Three ground Knives, of unusual type, from Culbane and Poglenone, also rare	rt. 6/15/- Willer
6/15/-)	75: 50/-219	Four others, in good condition, Portglenone and Kilrea, also rare	4 5/15/
(37187-	99-50/100	Another, of discoidal form, well chipped, 2½ in. diam., Rathkenn and four others	" 5 3/10/- Selle
	29/-221	A leaf-shaped Lance or Knife; six Knives, some ground; and a lar Scraper	ge 30/- 8
	222	Forty leaf-shaped Knives, many good specimens included	40
	223	A similar lot	40
	224	A similar lot	40
	225	Forty others, similar	40
	226	A similar lot	40

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

	LOT		100
	227	Twenty very fine leaf-shaped Knives 20	
	228	Twenty similar	
	229	Another lot of Knives, also fine	
	267- 230	A large series of Scrapers; from the Sandhills at Dundrum	30 / Hing
	25/-231	Thinty good Same G. 7	
	-	Thirty good Scrapers, Culbane; and over one hundred others, found at Dundrum about 130	284 Hing
	44-232	A hoard of fine Scrapers, of varied types; found in Carriff Bog 70	57-1- Mayla
	36/-233	Another hoard; from Tullynahinion 60	3/5/- Hanway
	60[-234]	A similar find; from Carriff Bog 40	4-1- naylor
401	-20/-235	A large number of Scrapers; found at Glenleslie and other locali- ties a lot	01/01
	201-2361	A similar series a lot	
	237	Forty selected Scrapers, all fine	-1.01
	238	Another series, equally good 40	
	40/239	Thirteen hollow Scrapers; a Knife; three others, found at Three	
	100	Towns Braid; sixteen hollow Scrapers, found under a stone at Glenhead; and eight Implements, from Maghery, an interesting lot, in three boxes	5/1- nanto
01)	5. 210	Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins 65	
	30/-241	About 260 small Scrapers; all found in Ireland	2/16/- Keeler
	40/242	A hoard of 138 Scrapers; found together at foot of a peat bank at Glenhead, 1911	6/10/- naylor
	50/-243	A series of Scrapers, some circular, others hollow, some of button form, and others; Cullybackey, and other localities, on ten cards	5710/- Keeler
		101	

20/-244	Five fine ochreous Scrapers, found together near Connor; and others, found at Dunboy A hoard of seventeen fine Scrapers; found together in a hole bog at Beggarstown An interesting series of hollow Scrapers, some serrated	d five 34/ Hecler
30/-245	A hoard of seventeen fine Scrapers; found together in a hole	in a 34/- Naylor
30/-246	An interesting series of hollow Scrapers, some serrated	5036/ Lawrence
247	A similar lot	50
20/-) (248)	Another lot, equally good	50
249	Another lot	50
250	A similar series	50
251	Another lot, similar	50
251A	Another lot, similar	50
252	Another series	50
253	Fifty others	50
254	Fifty others	50
255	Fifty others	50
256	Fifty others	50
(24-) 30/257	Fifty others	50
(20/-) (258)	Fifty others	50
259	Fifty others	50
260	Fifty others	50
261	Fifty others	50
262	Fifty others	50
263	Fifty others; two other Scrapers; a Knife; and two Flakes	55
(401-) 801-661	Fifty-two tanged Knives of flint	52
(48/-) 54- 401-265)	Thirteen barbed Arrow Heads; and thirty-seven others, of vatypes, all good examples	aried 48/ Willer
(424) 30/-2661	A similar varied series	502/4/ Willia
36-267	Another lot, similar	50. 200
30/-2681	A similar series	50 2/18/-
20(- 269)	A smaller series	36 2/8/ Fentes
30/-270	Another series, including many barbed varieties	10 2/10/-
301- 751-20	Thirty tanged Knives, some good	30

	- / /	Strong Du	
	20/-272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Borers a Knife; and a dumbbell-shaped stone object; all found a Culbane	
	273	Thirty good Flakes, many of them used as saws, all with localities 30	
((4) (274)	A similar sarias	
34/-) 35/	30/075	and the state of t	
		A fine leaf-shaped Knife with serrated edge; a combined Saw and Scraper; and twenty-two good Flakes, some used as saws 24	197
	276	Twenty-six Knives and other Implements, found in the River Bann several very fine; and three chipped Axes, Glenleslie and Cushen dall	
6/6/-	80/677	A finaly formed stone Disamith 1	
9-1	-	A finely formed stone Disc with sharp edges; and seventeen others similar, with flattened sides, many from Ballymena, an interesting	
ATTH		lot 18	
(KAXX	25/07		331 Lawrence
(461-) 30	0/-25/278)	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives 50	32/ Lawrence
-	279	Another let similar	
63	9-) (280)	A similar lot	
6		A SO	
(200)	281	A similar lot	
20	50/282	Fifty tanged Knives of flint 50	
241	23/(283)	A similar lot	
(241-)	20/284	Another lot, similar 50	
_	20/-285	A similar lot	24 Elder
(20)	20/ (286)	A similar lot	
(28/)	20/-287	A similar lot	28/ Willer
	49-288	Twenty-one small flint Borers; Culbane 21	1181- nostor
	50/289	The second secon	2/16/- Magler
	49-290	Twenty Borers and Pigmies; Culbane and other localities 20.	60/- naylor 3/10/ naylor
	40/-291/	The second secon	3/10/ naylor
	357-292	Nine Pigmies (all figured in the Journal of the R. I. A., vol. XXX, pl. 13)	401- naglor
300	40/03	Nine fine tanged flint Flakes or Spear Heads; from Cos. Antrim and Derry, on card	1989
	40/294	Eleven fine Knives; and sixteen good Borers, from the same localities; on two cards	457 Heller
			-

	Second	l Day 20	
34)	40/-095)	Sixteen triangular Knives; and Fifteen very fine Borers; Antrim and Derry; on two cards	Cos. 31
(2/16/-) 65/	40/2961	Twenty good tanged Knives; and thirteen tanged Flakes and Kniferom the same localities	ives; 2/16/- 33 Willin
(401-)	40/097	Two unusually good oval Knives; two Implements of unusual for small polished Axe, from Craigs; and three small polished A found together in the Bann	
	40/- 298	Four unusually fine Saws, rare; four worked Flakes; and nine finished Spear Heads; on two cards	un-2/15/-
	299	Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; for in Co. Antrim; on card	und 13
	39-300	A large series of Flint Scrapers; from various Irish localities about	THE RESERVE THE PERSON NAMED IN
(60/-)	40/300	A similar series about	300 Gof Willia
	257 302	Another series about	300 38/ Heelel.
	257_303	A similar series about	300 32/- Laurence
	20/-304	A similar series about	200 28/- Heeler
24/-)	25/-305	A number of Cores of varied types; found at Culbane	75
(12/3	357 306	An interesting series of small Flakes, same locality about	210
(48/-)	49 900	A large series of Flakes, including a number with secondary of ping; found at Clough and other localities about	chip- 2/84 Willia
	40/-308	Six Flakes, found in a fort at Kells; and five good Saws, judicial various localities, rare	from 50/- Beeler
	309	A Saw, found at Kanestown (Ill. Jour. R. I. A.); and four others	teen 15
(7)	30/-310	Eleven Saws, some doubtful	11
(40)	20/-(31)	A similar lot	11
38/-) 40/-	20/312	A series of chipped Axes, Scrapers and other Implements; four Tievebullagh	d at 38/ Bldes
	30/-313	A series of about two-hundred-and-twenty small Flakes; four Culbane	d at 38/- Willer
	20/-314/	Another series of 100 larger Flakes, some with secondary chip at the point, Culbane	ping 26/-
	20/-315	Twenty-eight triangular Flakes, found together at Mosside; six other Flakes, unusually good	34 28/-
			-

316	Forty-seven Arrow Heads; a Knife; and three Flakes; s daubtful antiquity	some of			
317	Fifty flint Knives; from various localities	50			
318	Fifty others	50			
319	A similar series	50			
320	A similar lot	50			
321	Sixty-three others	63			
257-3221	Two-hundred flint Scrapers of varied types	200	2/6/-	Lauren	ce
15/323	A similar lot	200	30/-	Lauren Beeler Beller	
257-324	Another lot, similar	200	32/-	Beele	
20/-325	A similar lot	200	30/-	Keller	
401-) 401-30/326)	A similar lot	200	40/-	Weller	2
(421) 40 (327)	Forty Cores; and nineteen worked flint Flakes, some good	59			
257.328	Thirty-five Flint and other Implements, some of cave forms ding a few from Somaliland for comparison), on four care interesting lot				
329	Twenty well chipped flint Implements, suggesting the Me point, various localities	oustier 20			
(16/2) 25/(330)	A similar lot	20			
24/25/33)	A similar lot	20			
(16/2) 30/-632	A similar lot	20			_
(48/-) 30/4333	Five fine Points; and eighty-nine Scrapers of varied types	94	2/8/-	Willer	
(14) 401-334	Five tiny Borers; thirteen pigmy Implements; and thirty-nin Flakes; from Castlerock and Portstewart, Co. Donegal	ne tiny 57			
30/-335	Three tiny Borers, Castlerock; four tiny Scrapers, Bunderan others, Dundrum; and a number of tiny Flakes, various lities			?	
(241-) 35/636)	Seventy flint Scrapers, of selected types	70			
337	A similar lot	70			
338	A similar lot	70			
339	A similar lot	70			
(24/-) 40/340]	Sixty-five others, many of them with deep notches in the or from White Park Bay and other localities	ntline;			

50

341 A series of fifty fine Scrapers, including two of unusual size

	342	Another series, some fine	
(20F)	29- (343)	A similar series	
(22/-)	357-(344)	Another series 100	
	345	Another series 100	
	346	Another series 100	
(22/3)	20/-317	A similar series	
(20B)	30/348	A similar series	
	002		
		STONE AXES AND HAMMERS.	
		FOUND IN COUNTIES ANTRIM AND DERRY.	
:	50/-349	A well polished Axe, of diorite, $6\frac{1}{8}$ in., Culbane; another, in basalt, highly polished, 6 in., Bushmills; and five others; a good lot 7	2/15/
-	50/-350	A well formed Axe, of rounded section and slightly flattened sides 6\(\frac{1}{4}\) in., Antrim; another, of broad form, with expanding edge, 6\(\frac{1}{4}\) in., Coleraine, very fine; and four others	7 1 / X (
(34)	50/ (350)	A large Axe, $9\frac{1}{2}$ in., Bann; another, $6\frac{7}{8}$ in., Kanestown; and seven others	
	69-352]	A good Axe, of broad form, of diorite, $6\frac{1}{4}$ in., Cushendall; an adze, of basalt, rare; an Axe, of light stone, with flattened sides, $6\frac{3}{4}$ in. and six others	
481)	5. 353	A small Axe, found near Cullybackey on a grinding-stone; another, suggesting the early form of bronze axe, $3\frac{3}{4}$ in.; and seven others	
(50/)	50/351	A finely ground polished Axe, of basalt, with narrow cutting edge 8 in., found near Kilrea; another, in basalt, of good broad type 7\frac{1}{4} in., Braid; and seven others	
(3/12/-)	757-(355)	A well formed polished Axe, of diorite, $5\frac{1}{2}$ in., Forks Bridge; three others, of fine quality; and five others, of varied types	
	40/-356	An Axe, in basalt, with flattened sides, 5 in., Portglenone; another of almond form, Glarryford, rare; and ten others	2/10/- 6karlla
(50/-)	40/357	A small Implement, with gouge-like edge, rare; another, of ova- outline, Ballycarry; and ten others	2/10/- Willow
	50/-358	A basalt Axe, of good form, $6\frac{1}{2}$ in., Lavin Bog; a very fine example with oval section, $7\frac{3}{4}$ in., Watercloney; and five others, all good?	

	40/-359	Another, in basalt, with oblique cutting edge, 6½ in., Carncastle; 2/10/- a narrow example in light stone with pointed butt, 7½ in., 2/10/- Ballymoney; and five others; all good
(400)	70/-360	Twenty-one polished stone Axes, from various localities, some good 21
(35/-)	601-361	A similar lot 21
	50/-362/	A well formed Axe, in brown stone, 4 in., found on the shore of the Bann; another, in basalt, well polished, $4\frac{7}{8}$ in., Rathlin; and ten other Axes, of small size; all good examples
	30/-363	Twenty-one Axes, of varied types 21 28 Elder
(50/-)	50/-364	A similar lot
(22/-)	50/-365	Seventeen others, some good 17
	40/_366	A very fine polished Axe, of basalt, with broad cutting edge, 7\sum_8 in., found at Six Towns, Co. Tyrone; five others, of similar type; and an Adze, with pointed butt, found in the Bann near Portglenone; all unusual forms, very fine
	49/ 367	Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ in., fine; an example in hone-stone (?), with flattened sides, $4\frac{1}{2}$ in. long, $3/5/$ — Heelee Kilkenny; and five others; all good specimens
	69-368	A large Adze, in basalt, partly polished, 101 in., from the Buick coll.; an Axe, in diorite with roughened butt, Glarryford, rare; 5/5/ a curious Axe, of oval form; and four others of good size, a fine lot, and all marked with localities
	50/- 369	A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ in., Carnstrone; another, in light stone, with flat sides and pointed butt, 7 in. long, Kilrea; another, of broader form, 8 in., Dungiven; a re-chipped basalt Axe; and three others; a good lot
99.	6. 370	An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 in. long, found at Baltee; and an unusually heavy and thick Axe, of diorite with ovoid outline, 10½ in. long, found near Cushendall
-	65/- 371	A finely polished Adze-like Implement with flat sides, 7½ in. long, found near Kilrea; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 in. long, found near Randalstown; and two others
3/5/-)	60/372	A finely formed basalt Axe, with unusually high polish, 8 in. long; another, of good form, 8 in. long, found at Magharabane; and

two others, smaller; all good

- 0	2721	An unusually large and fine Ave of valished beselt with buse	d	
-J.	373	An unusually large and fine Axe, of polished basalt, with broad cutting edge, the sides tapering towards the butt, and of over section; found near Coleraine (see Ulster Journal of Archwology vol. IX, page 7, 1903) [Pl. II]	al //	1-1-
(3-1-) 8.0	374	An interesting Adze, in basalt, chipped into form and curious "humped" towards the centre of one face, and tapering gradual to either end, $14\frac{1}{2}$ in. long; found at Clougheen (see same publication, 1906, plate 32, figs. 3 and 3A) [Pl. II]	ly/3	1-1- Ville
7.	375	Another, in brown stone, with broad cutting edge and slight tapering sides, one face more curved than the other, $12\frac{1}{2}$ in. long found at Ballycarry, fine and rare [PI. II]		137-naydu
(4/57-) 4.	376	Another, with narrow butt and rounded cutting edge, $9\frac{1}{4}$ in. lon found at Armoy; another, $8\frac{5}{8}$ in., found at the foot of Slievegalleon another, from Glenwherry; and another, $8\frac{1}{2}$ in. long; all gos specimens	n;	
7.	377	A roughly chipped Axe, of basalt, with sharp sides, 13 in.; four at Armoy (see Ulster Journal of Archwology, 1903, vol. In page 7) [Pl. II]		Cof-f- Relfoot
(3/5)- 5	(T8)	A well formed Axe, of basalt (?), with rounded sides and pointed butt, 12 in. long, found at Culbane	ed -	7,500
600 8.	. ETT	An Axe, of curved form, in light stone, 14 in. long, with interesting label; and six other large examples, some of doubtful antiquity		
(5/-) 40/	380	Twelve others, some of doubtful antiquity	12	
(60/-) 85/-	381	A selected series of twenty polished Axes, all good examples	20	
6570 751	-682	A similar series	20	
(3/15/) 75/	383	Another selected series	20	
(65D) 79	-384	A similar lot	20	
(657) 601	685	A series of twelve Axes; and four Adzes	16	
(3/14/6) 65/	386	A selected series of twenty Axes	20	
	387	Another series	20	
Annie Tolland	388	A similar lot	20	
(60)	389	A similar lot	20_	
651-	390	An Adze, of chipped basalt; a Gouge; four Axes, with point butts; and three others; all good	ted (A Tellor
70	/-391	Another series of twenty Axes	20	3/13/-

		25 Second Day	
(2/1st)	70/-692	Another series, including several of narrow form 20	
(2/18/A	70/- 393	Another good series, of varied form	
Groly	0/10/394	A similar series 20	
600	70/-395	Two Adzes, in polished basalt; a curious "Side Scraper," in same material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, rare; and four other Axes, all good	
(HIO)	/2.396	An unusually broad Axe, in basalt, 8\frac{1}{4} in. long, found near Coleraine; two others, of large size; another, with oblique edge; and two others, smaller	
	801-397	An unusually flat Axe, $5\frac{1}{8}$ in. long, from Lough Mourne; an Adze, with chipped sides, and ground edge and under face, from Portglenone; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ in. long, Glenisla; a curious Axe, of oval outline, with sharp sides; a well-finished Adze, Clough; and four others	,
(4/15)	70/-398	A Chisel, in basalt, $3\frac{1}{2}$ in. long; an Axe, in light stone, with notches at the side, $6\frac{1}{4}$ in. long, rare; a curious basalt Axe, chipped on one face and ground on the other; and nine others, all good 12	
(2/12/-)	79/399)	A well-shaped Adze, in basalt, with pointed butt, $5\frac{1}{2}$ in. long; two Gouges, rare; and nine Axes, of varied type, all good 12	
(13)	85/-(100)	Four narrow Axes or Chisels; three Adzes; and seven Axes, a very good lot	
3/15/-)	80/-401	Four Adzes; and nine Axes, all good 13	
4/4/6)	85/-(102)	An Adze, of narrow form, in grey stone, Portglenone; two other unusually good Adzes; two Chisels; and eight Axes, a very good lot	
	701-403	Five Adzes; a good Chisel; and seven Axes, also very good 13 44/-/-	
(4)	80100	Forty Axes, in various materials, some of doubtful antiquity 40	-
60	60/100	Twenty-one small Axes, some doubtful 21	
(41-13)	75/-00	A curious broad Axe, with chipped butt; a Burnisher, found at Glenish; and twelve Axes, a good lot 14	
(3/10/-)	80/00	Twenty Axes, of good type, from various localities 20	
	80/-108	Twenty-four stone Axes, of curiously light weight (perhaps models); 4/3/- Hellot found in the Bann	
(3/10/-)	80/-109	A series of twenty Axes, of varied types 20	
601)	70/-(410)	A similar lot 20	

(63/-)	80/-41)	An Adze, with pointed butt; a chipped Axe, with similar butt and ten Axes, various	
(3/14)	70/-412	A small Adze, with curved cutting edge; three others, larger, o good form; and twelve Axes, also good	
(757-)	99/413	A large series of polished Axes, some interesting examples included 60	5 go Weller
	69/414	Three Axes, with grooves ("tracks") on the face; a curious Knife like Object, polished on one face; a good Adze; half a well chipped Axe, of basalt; and four others, all of interest	9º9 Deeles
	60/-415	A well-formed Axe, with roughened butt; a roughly-chipped Axe in basalt; two Adzes; and eight Axes, a good lot	0/0/-
(201-)	5.416	A Box, containing a large quantity of stone Axes, some in process of manufacture, and some of doubtful antiquity, an interesting lot	9
600	86/-017	Twenty-five polished Axes, of various types and materials, many good specimens included	
(3/15/-)	757-418	A similar lot	5
(3/15)	75/-419	Another series 28	
	65/-4205	A similar lot	3/10/2
31-6	767-421	A similar lot	Color
(65)	79-422	Ten polished Axes, of larger size, and of good form)
(35]-)	70/-423	Twenty others, of good type 20	
(289)	80/-424	Fifteen others, of varied type	5
(501)	70/-425	Twenty-two others 25	2
	80/-426	A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, rare; a Burnisher; a curious Axe, with depressions at side and a bored hollow on one face, rare; and nine other ston Implements, all of interest	s 5 go
	857-427	A Chisel, in basalt, of good form, 5 in. long; five Adzes; a Burnisher; a chipped Chisel, in basalt; a stone Pendant; and sixtee others, an interesting lot	
	80-428	An interesting series of Burnishers, in varied material	7/5/ naylor
	80/-429	A similar series, including one with finger depressions on the faces 1	7/10/ Naylu
3/10/	90/30	Three Adzes; a Gouge; and twenty-one polished Axes, some ver good 2	

	01 1		- 01.11
	50/-431	Twenty-five polished Axes, some very good, and of unusual form	25 380 6 Raller
	50/-432	A similar lot	25 60/- Busions
(65)	65/433	A similar lot	25
	50/-434	A similar lot	25 3/57- Leeler
	50/-435	A similar lot	252/18/- Elder
2/13/	50/436	A similar lot	25
2/18/	60/437	A similar lot	25
2/18/	50/-438	A similar lot	25
	60-439	A similar lot	25 3/7/6 Nayler.
	60/-440/	A similar lot	25 3/5/- Eleles
(3/5/-)	69-11	Twenty polished Axes; and five others, of unusually small size	25
(3,51)	75/-012	A similar series	25
-	65/-443/	A similar series	25 3/5/-
	75/-444	A similar series	25 41-4 Hellor
(3/5/-)	60/-015	A similar series	25
	50/4461	A similar series	25 3/-1- Lawrence
Marine Marine	50/4471	A similar series	25 3 fl- Ideller
CONTRACTOR OF	50/448	A similar series	25 2/18/- Lawrence

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

		dollaskings A 1684	
	LOT	The area of the same of the sa	
	30/_ 449	A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ in. long; and another, of same general form, with truncated butt, $7\frac{1}{2}$ in. long, found together at Clogher, both very fine, and rare in this material [Pl. I] 2	7/-/- Belfust
	70/-450	Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, 7\frac{3}{4} in. long (illustrated in R. S. A. I., vol. III, part 11); and another, of lozenge section, also extremely well-chipped, 6\frac{3}{4} in. long, found at Forked Bridge [Pl. 1] 2	Bellest.
	637-451	A well-chipped flint Adze, $6\frac{1}{8}$ in. long; an Axe, with ground cutting edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, a good lot 5	0/114/-
	60/452	A well-formed broad Chisel, with ground edge, $6\frac{1}{2}$ in., found at Maghera; and another, with extremely fine chipping, $6\frac{3}{8}$ in., found at Cruckin [Pl. 1]	4/57- Fenter
-	60/-453	A polished flint Axe, 5% in. long, Donegore; and four others, all with localities, all good specimens 5	4/57- Fake
	60/-454	An unfinished Axe, in flint; another Axe, well-chipped (see R. S. A. I., vol. III, part 2, page 126, fig. 20); and four others, all with localities	
_	70/-455	A partly-polished flint Axe, of narrow form, 5\frac{1}{4} in. long, found near Clough; five others, all with localities; an Adze, Ballintoy, rare; and a Flake, with ground surface	Bel Mus
	70/456	A well-formed Flint Pick or Chisel, $5\frac{7}{8}$ in. long, found at Glenariffe; another, Knockans; another, Glenaan; and five chipped Axes 8	4/- mayer
	60/-457	Three similar flint Picks; and seven chipped flint Axes, all with localities	4/12/-
0	357458	Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes	1/14-11-11-11
457-	40/459	An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, found near Cookstown, very rare 35	3/1st- Willer

		29 Third Day		
	50/460	A well-formed Axe, with ground edge, $4\frac{7}{8}$ in. long; an unusually good Pick, found at Galgon; and four others, all good examples 6	657-	Beeler
	40/-461	An unfinished Axe, of flint, found at Dungarvey; a partly-polished Chisel, of good form, $5\frac{3}{8}$ in. long, Cloughmills; a well-chipped pointed Implement, $4\frac{7}{8}$ in. long, Glenish; an Axe, with straight sides, ground at the edge only; and three others, with localities marked	46/-	Beeler
	457-462	A well-formed flint Chisel, $3\frac{1}{8}$ in. long; a narrow Axe, of good form, $4\frac{3}{4}$ in. long, from Glenleslie; a partly-polished Axe, $5\frac{1}{2}$ in., from Kells; and six others, all good specimens, with localities	42/-	Fenton
	40/-463	Two flint Adzes, rare; a Chisel with ground edge; and six others, chipped into form, of small size	2/157-	Leeler
	40/-464	A finely formed flint Axe, with straight sides and ground edge, found at Armoy; another, ground all over, with pointed butt, Culbane; another, smaller, Glenleslie; one of rich red brown colour, from Three Towns; and three others, all with localities 7	657-	Fenter
	39-465	A well formed Chisel, from Castlegore; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27	25/-	/Lecler
	30/466	An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, and found in Co. Antrim, an interesting and unusual lot	30/-	Leeler
2/10/	50/00	Twenty Axes; and five small Axes or Chisels, all of basalt 25		
	49-468	A similar lot 25	2/10/	8 Celes
	40/-169	A similar lot 25	2/14/-	
424- 604	49-470	A similar lot 25		stella
421) 69	1-49-97X	A similar lot 25	250	Villes
(30/	472	A similar lot 25	-	The state of the state of
(34/-)	50/- (473)	A similar lot 25		
	474	Fifteen polished Axes; and ten smaller Axes or Chisels 25		
(4-)	757- 475	A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50		
(48/-)	49476	Four basalt Adzes; four Chisels; and eleven polished Axes of various sizes, a good lot 19	2/8/0	Jeller
(60/)	80/07	Twenty Chisels of varied sizes, all of good quality 20		
600	751-078	A similar lot		in -
(4)	757-9791	A similar lot	41-4 4	Vella

	Third	Day 30			
(3/10/-) 79/	- 50/480	A small well-polished flint Axe; seven small flint Chisels; thr large basalt Chisels; four smaller examples; and a curious le shaped Knife of basalt, a good lot	ee af-	3/10/	lles
(2/10b)	757-481	An Adze of New Zealand type, said to have been found at Culbar and nine Irish Axes, some good, marked with localities	10		
2/15/	80/-483	A similar lot	10		
2/18/9	80/-(83)	A curious Polishing Stone of chert, found at Culbane; a rough chipped Axe in basalt, from Coleraine; an Axe of diorite, we oblique edge; and seven other Axes of varied types	ith 10		
3/3/	70/(184)	A very fine polished Axe of basalt, 7\structure{3} in. long, found at Crommela another, 6 in. long, from Magherabone; a smaller example, from Glenhead; an Adze, Ballyscullion; and two other Axes	om 6	- 100	
(55)	80/ (85)	A massive Axe of grey coloured stone, $8\frac{1}{2}$ in. long, found no Kilrea; another of basalt, with oblique cutting edge, 8 in. long from Glenhead; and four others	ng,	580	lles
	837- 486	An Axe of sandstone, $10\frac{1}{2}$ in. long, from Glenravel; another basalt, $8\frac{1}{2}$ in. long, Coleraine; and four others, all good spennens	in ci-	4/15/	
(4/-1)	757-080	An Adze of basalt, 8½ in. long, found at Clough Mills; another, we polished, with oblique cutting edge, 7¾ in. long; and three other all good	rs, 5		
(601)	70/ (88)	A small Adze in basalt; and nine Chisels, all good examples	10_	- Cal	311.
-	401- 4891	A similar lot, also good	10 2	1/10/-	Elde
	267 490	Another lot, also good	10 4	401-	Elder
(401)	50/-491	Another lot, some your	10		-
25]-	20/-000	Catoline	18		
(257)	50/-493	A similar lot, from Catoline	22		
(6-1-)	8. 6. (494)	Twenty Whetstones of varied forms and periods (some prehistor) on two cards	20	6/-1-	elle
California .	5. 495	Fifteen polished Chisels; found in Co. Antrim, on card, all go specimens	00d 15	3/5/-	raydor
(3/8/-)	60/496	Sixteen small Axes or Chisels of basalt, on card, also good amples	ex- 16	3/8/	Teller
34)	85/497	Six Sharpening Stones, of early type, on card; and six Whetston of later date	es, 12		1000

		31 Third Day	
W 60/-	75/- 498	A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 in. long, of the early bronze age, extremely rare and fourteen smaller stone Bracers and Whetstones, on card, a good lot	13/19- negro-
) #·	50/-499	Six stone Objects, probably Bracers, of the bronze age; and nine other stone Objects	601 Willer
	75/- 500	A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, both curious; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the prehistoric period	6/- Tello
-	80/- 501	Thirty Whetstones, of various periods, some good 30	4/10/- Fenter
(501-)_	80/00	Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler 39	
16-1-) 12.	8. 503	A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples included for comparison, a very interesting lot 78	16/4 Willer
-	80/-504/	Thirty stone Spindle Whorls, chiefly of the prehistoric period 30	4/st negled
(65/-)	60/505	A similar lot	
	60/506	Another lot, similar	3/5/- Koeler
(65/-)	60/-507	A similar lot	
	69-508	A similar lot	657- Fenter
3/100	5. 509	A Spindle Whorl, made from a piece of petrified wood, curious; five decorated Whorls; and fifteen others	
	59- 510	Thirty-two Spindle Whorls; found at Culbane	2/15/ Fenter
(30/-)	60/611	A similar lot; from the same locality 32	
15-) 20	6 512	A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); found in Co. Antrim 51	13/10- naylor
JIA 801	80/-513	Two Stones with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face 7	spot Willes
(3/3/).	78/4514	A similar lot 7	580
-	762-515	A massive Hammer Stone with depressions; two others, also good; a hollowed Disc; two "tracked" Stones; and three Pounders 9	4/1- / Seller
(4/37-)	70/516	Ten Pounders, with depressions on face; ten "tracked" Stones; and ten ordinary Hammer Stones	4/57- Willer 4/4 Heller.
	60/517	A similar lot	4/4 Heller.

	50/- 518/	Another lot, similar	30 9/15/Maylor
	60-519	A similar lot	30 3/15/ naylor
	69- 520	A similar lot	303/10/ Lawrence
(357-)	667-5201	A similar lot	30
(65)	50/522	A similar lot	303/5/ Willow
The state of the s	50/-523	A similar lot	303/10/ Heeles
(35/-)	49 (524)	A similar lot	30
(19/101)	75/525	Forty-two "tracked" Stones; and thirty-seven ordinary Ham Stones	mer 108 likeller
601)	857-626	Two stone Discs, and two Fragments, from Portstewart; and others, found in Co. Donegal, an interesting lot	five 7
(80)	70/-627)	Twenty-nine Axes in basalt, showing various stages of manufactors from the Glenleslie "Axe factory," Co. Antrim; an instruction lot	And the same
(380)	6. 628	Four cylindrical Stones, perhaps for boring axe hammers; sevent Honestones of various periods; and a grooved Axe in bar rare; from various localities	CANAL TO A STATE OF THE STATE O
(401)	50/629	Twenty Axes or Chisels of narrow form, in chipped basalt; six unfinished Specimens; from various localities	and 26
. (401-)	40/ (530)	A similar lot	26
(65 <u>D</u>)	50-63)	A large flint Pick, found at Coleraine; and eleven others, f various localities	rom3/sf- 12 Willer
(90)	40/-532	A similar lot	12 3/10/ Willia
(657-)	40/- (533)	Twelve flint Axes and Chisels; from various localities, some good	1 12 3/57 Willer
	40/-534	A similar lot	12 2/10//teelii
257-	30/- 535	Twenty chipped flint Axes, some unfinished; from var localities	ious 20
	30/-536	A similar lot	2040/ Beeler
	257-537	A similar lot; and two Tranchet Axes	2232/- /Leeler
	40/-538	Fourteen flint Picks, from various localities	14 2/107-Kaler
	40 - 539	A similar lot, including one of basalt	142/5/4/10
(837)	50/6101	A very fine basalt Pick, with ground sides; and nineteen chip Axes in same material, some very good	20 4/57- 20 4/57-
			-

		33 Third Day
(63/-)	50/541	Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, some very good examples
	44-542	Nineteen similar Axes; and a basalt Flake 20 3/4 Laurence
	30/_543	A similar lot
1	40/ 544	A polished Axe; and nineteen chipped Axes, all in basalt 20 2/5/-
780	60 (010)	A Pick; an ovate Implement, Cushendall (Ill. Jour. Anth. Inst., 1903,
2/15/-	70/0546	pl. XXXVII, fig. 31); and eighteen chipped Axes, all in basalt 20 Twenty Axes in chipped basalt, some unfinished 20
Cidat	50/_547]	A Pick; eighteen chipped Axes, some fine; and a Side Scraper, 3/4 Lousence Cushendall, rare, all of basalt
(2/12)	80/-548	An unfinished Axe, 11 in. long; another, 9 in. long; and eighteen other basalt Axes, some fine
400	50/549	A Pick; and nineteen chipped Axes, some unfinished, all in basalt 20
	49/_550	Thirteen chipped Axes, some good; a long Flake; six Hammer 2/15/ Keelee Stones; a polished Axe: all of basalt; and two others
(16)	5. 551	Twenty Pounders, or Mealing Stones, some very good examples 20
(381)	60/552	A similar lot
(60/-)	60/(553)	Another lot, similar
650	60/(554)	Two "Anvil Stones"; nine Hammers; and a Celt, with depressions 3/5/ Willis on faces, adapted as a hammer, rare
4017	80/655	A fine flint Pick, found at Culbane (Ill. Jour. R. I. A., vol. XXX, pl. xv, fig. 72); a good chipped Axe in basalt (Ill. Jour. Anth. Inst., 1903, pl. xxxiii, fig. 6), Cushendall; another flint Pick (Ill. Jour. R. I. A., vol. XXX, pl. xvi, fig. 80); and two other fine chipped basalt Axes (Ill. Jour. Anth. Inst., 1903, pl. xxxiii, figs. 7 and 8), from Cushendall
3/01-)	70/-556	A fine flint Pick, from the Bann (Ill. Jour. R. I. A., vol. XXX, pl. xv, fig. 25); another (fig. 74); and three chipped Axes, from Cushendall (Jour. Anth. Inst., vol. XXXIII, figs. 16, 22 and 34) 5
	75/- 557]	A fine chipped flint Axe, of narrow type, from the Bann (Ill. Jour. R. I. A., 1912, vol. XXX, pl. x, fig. 78); a very fine chipped flint Pick, from Culbane (same Journal, fig. 76); a fine flint Axe, with ground cutting edge, Coleraine (Ill. Jour. R. I. A., vol. section C, pl. xvi, fig. 92); a flint Knife (illustrated); and two roughly chipped basalt Axes (Ill. Jour. Anth. Inst., 1903, pl. XXXVII, fig. 30, and pl. XXXIX, fig. 11), from Cushendall 6
	687- 558	An extremely unusual "Tracked Stone," of fine quartzite, with a deeply cut trough-shaped depression on one face, found at Bally clair sandy braes (Ill. Jour. Roy. Hist. and Arch. Ass., fig. 3);

C

	0	
Lot 55	8—continued. a Hammer Stone, with unusual countersunk perforation; a stone	
	Pendant; a small Axe; and two Hammer Stones; from various	
	localities	
(101) 404 (559)	A roughly formed Axe, 103 in., found in Lough Neagh; a chisel-	
1	shaped Implement, in clay slate, weighing 4 lbs., 15 in. long,	
	Culbane; and forty-four others, many of doubtful antiquity 46	
(9/-) 40/-560	Fifty others, in clay slate, many doubtful 50	
(2017) 401-661	A similar lot 50	
(37-) 49- (562)	A similar lot	
(12/-) 40/-(563)	A similar lot 50	101
40/-5641	A large number of small pick-like Implements, Scrapers, and other	4/10/-
7	Objects, in flint; from various localities a lot	Lawrence
(90-) 40-30-(565)	. I Diel found in the Rann at Coleraine (Ill Jour.	11/10/-
	DIA and VVV al vvi) and a large number of similar	1 Sille
	Objects, and Picks of various sizes and types; from various locali-	rever
	ties	-//
8, 566	An Axe Hammer, of granitic material, well polished, with deeply	9/-/-
	grooved upper and lower face, 5\frac{3}{8} in. long; found at Clady, near Portglenone [Pl. II]	naver
[6]1	A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with	-
[3.] 567]	: 1ti adea cone should hammer end and strongly	
	incurved sides; the curves are outlined with a pronounced rib,	4X
	6 in. long by 4 in. greatest wiath. This unusually John time	10766
	example, weighing 4 lbs., was found in deepening the river Bann	011 4
	about 1847 (see Ulster Journal of Archwology, vol. 111, p. 234,	Buyest
	and Proc. R. I. A., vol. XXX, section C, no. 7, pl. 19, fig. 127)	mes
	[PI. II]	
7. 568	A pestle-shaped Hammer, of highly polished granitic stone, cylin-	23//-
	drical in form, with rounded ends and small circular perforations 34 in. long, also fine and rare; found near Bushmills, Antrim	2
	[Pl. II]	Raylor.
7 -001	Another, of similar form, 34 in. long, found at the Commons of	
7. 569	Carrickfergus; and a smaller example, from Lough Mourne, both	141-1-
	rare	nagion
90/- 570 (An Axe Hammer, of wedge form, with conical butt and broad	-
70,00	entting edge, partly perforated; the outer edge of the depression	8/11/2/-
	on either side decorated with a raised moulding, 42 in. long, found	-1
	in the Bann, fine and rare; a perforated Axe, of doubtful anti	Rayler
	quity; and a small Axe Hammer, found at Moorfields, Antrim	

- 1	·	
7. 571	An oval Hammer, in black stone, with circular perforation, 34 in. long, from Connor, Co. Antrim; and another, smaller, from the bed of the Bann, both rare	8/10/- Bainet-
4. 572	An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 in. long; and a cylindrical stone Implement, with the ends much abraded by use, found together, an interesting lot	57-1- Barnet-
6 573	An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, 5\frac{3}{4} in. long, from Glengariff; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded	14-1-Barnel-
75/-574	Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ in. long, Glenleslie; a boat-shaped example, with large perforation, $3\frac{3}{4}$ in. (probably from the Bann); an egg-shaped Hammer, of polished black stone, with small perforation, from Carnlee; and an early quartzite Hammer, with "hour glass" perforation, found at Connor	91-f Maylor
5 : 575	A discoidal Macehead, of sandstone, with grooved lines round the perforation, 4½ in., found in the Bann; and six others, with primitive "hour glass" perforation (this style of perforation is considered to be evidence of Neolithic date for the implement) 7	stof Hellor
6 576	A massive wedge-shaped Hammer, with large perforation, 7½ in. long, found at Aughmahoy; and three others, of varied forms 4	Gist negla
5.67	A heavy perforated Hammer; and four others, all with primitive boring	6/10/ Willia
60[_578]	Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, all good examples	4/57 Barnet
50/-579	An oval Hammer, of good form, in granitic material; and five others, a good lot	7/4 Fenter
75/- 580	Twelve perforated Hammer Stones	450 Willer
2 79/-68D	A similar lot	
79/582	A similar lot	
60/-583	Twelve others, similar	101- Leelu
60/(584)	Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date	

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

		FOUND IN IRELAND.	
	6 585	A fine flat Axe, in copper, with semi-circular edge, $6\frac{1}{8}$ in. long found at Cullybackey; and two others, smaller, with localities	6/10/-
	6- 586	Another of copper, of heavy fabric, $4\frac{7}{8}$ in. long, found near Omagh fine; and three others, smaller, with localities	4101
	6, 587	Another of copper, with unusual incurved sides, and straight cutting edge, 6\frac{1}{4} in., Ballymena; and two others, smaller, both good	6/10/-
(56)	6 (588)	Three flat Axes of primitive type, 4½ in., 4¼ in. and 4 in. long from Toome, Dunboy and Loughguile	
(3/15T)	757(589)	A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ in., Clough; another, 5 in., Ballyconolly; and another, $5\frac{3}{8}$ in., Ballymena 3	
	590	A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, 7½ in. long; Ballymena, fine and rare	
	591	Another, similar, with decoration of short indented lines out- curving from the centre, and elaborately facetted sides, 7 in. long; found near Garvagh, in Cregard Bay, fine and rare [Pl. III] 1	
Dane	657-592	A flat Axe, with narrow butt, $4\frac{1}{2}$ in. long, found at Craig-billy (Ill. Ulster Journal of Archwology, vol. IX, p. 179, fig. 3); another, $4\frac{1}{4}$ in.; a smaller example; and a tiny copper Blade, found at Kells, Co. Antrim	
	593	A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, $5\frac{3}{4}$ in.; found at Glensherry, fine and rare [PI. III]	
	594	Another, with herring-bone decoration on surface, 74 in.; found near the previous specimen, also fine	
	60/-595	A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ in., found at Moorfields, Co. Antrim, fine; another, with slight ridge in centre of blade, $5\frac{1}{4}$ in., Ballymena; and a small chisellike object, Moorfields	3/10/- Elder

(29/-1)	27	<i>m</i> :	
TO	37	Third Day	
3. (596)	An unusually large flat bronze Axe and curved cutting edge, the sides grooved lines and dots, 8\frac{3}{4} in. long and very rare [Pl. III]	s outlined with four parallel	XV 29/-1- Willton
597	Three flat bronze Axes, 5\frac{3}{8} in., 4 in localities	a. and $3\frac{1}{2}$ in. long, all with	
50/- 598	A flat bronze Axe, with slight ridge ment, with shoulders at sides; an latter perhaps burnishers; all Co. A	d a smaller Object, the two	2/15/- Fenter
599	A flat bronze Axe, with incurved sides strongly engraved lines, $6\frac{7}{8}$ in. lo Durrock, Cushendall, fine and rare	s, the surface decorated with	
757- 600	Another, with surface decorated with long; Ballymena [Pl. III]	herring-bone ornament, 6 in.	Color Mars
601	Another, with somewhat straight-cutt mena; two small flanged Axes; and found at Dreenan	ing edge, 62 in. long, Bally-	1 my or
602	An unusually fine flanged Axe, with surface of the blade decorated wit parallel lines, $5\frac{7}{8}$ in. long; Ballymen	h a panel of deeply grooved	
603	Another, with slight flanges, having a straight lines of indented dots, 5\frac{3}{4} extremely fine and rare [Pl. III]	decoration of curved and in. long; bought in Belfast,	
604	A fine example of a flanged Axe, with s Grange; and another, smaller, found	light stop ridge, 4\frac{3}{8} in. long, at Derry 2	,
605	A fine flanged Axe, with oval side a groove, the whole surface decorated w Co. Antrim (see Jour. Royal His Institute, 1889, p. 112, no. 1, pl. III	ith punch marks, 6 in. long; torical and Archæological	
606	A flanged Axe, with slight stop ridge, deeply grooved oblique lines, $4\frac{7}{8}$ in. another, smaller, plain	the flanges decorated with long, Ballymena, fine; and	

Another, with strong side flanges and stouter stop ridge, the centre

Jour., 1889, p. 113, pl. III, no. 2) [Pl. III]

of the blade outlined with a curved band of indented dots linking up the ends of the wings, 6\frac{1}{4} in. long; found in Garvers Bog, Co. Antrim, extremely fine (see Jour. Roy. Hist. and Arch.

607

	608	An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge 6 in. long [PI. III]	
	609	Two Axes, with side flanges, and a curved ridge on blade, both with localities 2	
	610	Three similar Axes, all good specimens	
	60/- 611	A similar lot	4/37 Fenlis
	612	A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge. 5\frac{3}{8} in. long, Co. Derry; and two others, smaller	
	613	A winged Palstave, with stout triangular ornament below stop ridge, $4\frac{3}{4}$ in., Co. Tyrone; and another of plain type, 6 in., Lisburn, both fine	
	69-614	Another, with triangular ribs on blade, 4½ in., Crommelin; and two others, all good specimens	7/10/-
	615	Another, with angular side flanges and curved cutting edge, 7 in. long, Co. Derry, fine; and an Example, with loop at side, found in a Crannog at Lough Mourne	-
	616	A fine Palstave, with conical ridge on blade, 4\frac{5}{8} in., Glenny, Co. Antrim; and another, of plain type, both with loops 2	
	50/-617/	A socketed Chisel, of square section, $3\frac{1}{4}$ in.; a fine Gouge, $3\frac{1}{4}$ in., Cullybackey; and another, smaller, Grange	3/15/-
	618	A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 in. long, Craig's Bog; another with wings, 5½ in., Toome; and a smaller Example, with shield-shaped ornament below stop ridge	To mus
	619	A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 in. long, found at Craig's; and three others, smaller	
(8/157-)	6 620	Another Example of unusual size, 4½ in. long, Co. Cork; and three others, smaller	8/15/- Keliller
(6/4)	6. 621	Another, of good form, the mouth decorated with ribs, Kilwalter; another, similar; and three others 5	
8/10/-)	6. 622	Another, with ribs on socket, Glarryford; three others, all good specimens; and an imperfect Example, all with localities 5	8/10/- Sillin

	020	others, with localities, all good examples	
	5. 624	Three smaller Specimens, with unusually broad cutting edges, Clough and Larne, a good lot 3	5/15/ Fenton
7/15/-)	625	Another Specimen, with curiously broad cutting edge and incurved sides, 3½ in., Ballymoney; and two others, also good, from the Glenny collection	
	626	A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ in. long; and another, somewhat similar, $3\frac{1}{2}$ in., Portglenone [PI. III]	
	627	A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ in., found in Fenagh Bog; and two others, of the same type, with three ribs on the faces, rare, Co. Antrim 3	
	628	Another, with similar ribs on the faces, $3\frac{1}{4}$ in.; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ in., all Co. Antrim [PI. III]	
[[0]-)	7. 629	A bronze Chisel, with side flanges, 3\frac{1}{4} in.; another, similar, Killyless; and four unusually small socketed Axes or Chisels, with localities, a good lot	9/10/ Willes
	50/.630	A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, 3\frac{1}{4} in., Castlegore; and two others, similar, all rare	4/1st Ferton
	631	Two others, similar, Knockboy and Co. Antrim; and a tiny crescent-shaped Blade, probably a razor, Cleggan, the last very rare	
	632	A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ in. long; Randalstown, fine and rare; another, with curved cutting edge and a tang for the handle, 4 in., Glenish; and an earlier type, with curved sides, 3 in., Ballybay, all fine and rare [Pl. VII]	
	633	An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, 6½ in. long; found at Deerfin [PI. IV]	
	1600,00	** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.	
	634	Another, of similar type; and three others, imperfect, of slightly later form, with side loops 4	

A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, 5½ in., Magheraboy; another, 4½ in., Teeshaw; a similar Example, found at Cloughancely, all with side loops on socket; and the Blade of another, of broader type



- 636 A Lance Head, with lozenge-shaped blade, 35 in. long, fine; and four others, of slender form, all with side loops, found in Co.

 Antrim

 5
 - A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ in.; another, with curious blade of square section and traces of loops (with original wood in socket), rare; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ in., rare, all Co. Antrim, a most interesting lot
 - A Lance Head, with broad blade, 3\frac{3}{4} in.; another, similar, 3\frac{3}{8} in.; and two others, of unusually small size, all with side loops, and all found in Co. Antrim
 - A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, 6\frac{5}{8} in. long [PI. IV]
 - *** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the Royal Historical and Archaeological Association Journal, 1889, pl. III, fig. 3, p. 113.
 - 640 A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, 7½ in. long, found in Buckno Bog; and another, of more ordinary type, 4¾ in. long, Co. Antrim
 - 641 A Lance Head, with ribs on blade and side loops, 6 in. long, from the Glenny collection; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, all found in Co. Antrim
- A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 in. long; and the Point of another Spear Head 2

- A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 in. long; found near Toome, Co. Derry

 1

 644 A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, 7\frac{3}{4} in. long;
- A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 in. long; Claddy, Co. Derry, very fine [Pl. IV]

found at Rasharkin, fine and rare [Pl. IV]

- Another of slender form, the blade being continued as a rib down to the rivet hole, $8\frac{3}{4}$ in. long, found at Taylorstown; a Lance Head, with leaf shaped blade, $5\frac{1}{2}$ in. long, found at Glenwherry; and a Javelin Head, with curious markings on the surface, in very fine condition, an interesting lot
- A Javelin Head, with oval openings in blade, 3\frac{3}{4} in. long, extremely rare; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes
- 757-648 A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, an interesting and early type, 3½ in. long; found at Carnstrone
 - A Rapier Blade of slender form, with side notches for the rivets, 9½ in. long; and another similar, 8 in. long 2
 - Another, with triangular base, notched for two rivets, 12½ in. long, found at Parkmore, Ballymena; and a curious Blade, with two rivet holes
 - A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, 11½ in. long; found at Skerry; fine [Pl. IV]
 - A Dagger Blade, with triangular base, having notches for two rivets, $5\frac{7}{8}$ in. long; an early Knife Blade of triangular form, with four rivet holes, $3\frac{3}{4}$ in. long, found at Bushmills; and a small Knife Blade, found at Tully
 - An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

	LOT 65	53—continued.
		plate is ridged, and is pierced for four rivets, the remaining rivet
		holes have been plugged, 25 in. long; found in Rosherry Peat Bog [Pl. IV]
	*	* A label with an interesting pedigree of the weapon is attached.
	CEA	Another of good form, with leaf shaped blade, and handle plate
	654	pierced for six rivets, and having a slot in the centre, three of
		the original rivets remain in position (the blade has been neatly re-
		paired), 23\frac{3}{8} in. long; found in a bog near Glenish; fine [Pl. IV] 1
	655	Another of good form, with leaf shaped blade and part of handle
		plate which is pierced for two rivets, 19½ in. long; found in Derry
		(repaired)
	656	A Sword of slender form, with broad fish-tail termination to handle
		plate, and having ribs on the plate, which is pierced for six rivets, 19 in. long; found at Ballymoney (repaired)
	257	Another of broader type, with imperfect handle plate, pierced for
	657	six rivets, 18\frac{3}{4} in. long; found at Cross Keys, Co. Antrim 1
37-	658	A Dagger Blade, with strong midrib, and having one rivet in
		position; a broken Sword Blade, found at Cushendall, 14½ in. 4/5/— long; and three other Blades, all imperfect
757.	-659	A Dagger Blade, with midrib of simple form; and a bronze Sickle, -//o/-
-	THE	with ridged blade, and socket pierced for one rivet, 6 in. long,
		rare 2700
	660	A Dagger or Knife, with slender leaf-shaped blade, and oval socket,
		the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), $10\frac{3}{4}$ in. long; found at
		Glenbush [Pl. IV]
	cei	A curious pointed Weapon, with blade of square section and funnel
	661	shaped socket, the latter is pierced for a rivet, 7\sum_{8} in. long; found
		at Fermanagh, extremely rare and in good condition [Pl. VII] 1
	662	A Scabbard Chape for a Sword, the socket is of lozenge section, and
		the butt has a globular termination, 3\frac{3}{4} in. long, an extremely
		unusual type; probably found at Lisnacroghera Crannog, from
		the Buick collection [Pl. IV] .
	663	A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch,
		snaped boss in signification, the pointed end has an angular noten,

and there is a tang for the handle, $3\frac{1}{4}$ in. long (found at Carrickfergus); and another, with projections at upper part of the tang,

44 in. long, found at Killyless, both rare [Pl. VII]

- Another, with slender leaf-shaped blade and rivet hole in tang, $4\frac{5}{8}$ in. long, found at Moorfields Co. Antrim; and another, with a depression divided by a midrib in centre of blade, 3 in. long, found at Ballymena, both fine and rare [PI. VII]
- 665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, 64 in. long; found in Co. Antrim, rare [PI. IV]
- 666 A socketed Knife; and two Axes, all imperfect; and a Lump of Copper, all Co. Antrim
- 8. 667 A Palstave, with two recently bored holes in the socket, Glenish, 8/4 Mayfort
 Co. Antrim; five bronze Chisels; and two copper Implements, 8/4 Mayfort
 some of later period

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

	FOUND NEAR DALLYMENA.	
50/-668	A very fine Valve of a mould for a spear head, made of schist, this was for casting a weapon with a strongly grooved blade, and with large side loops, 5 in. long, extremely fine and rare [Pl. IV]	1-1- fast
79-669	A Valve for a similar lance head, $3\frac{3}{8}$ in. long; and another of same type, $4\frac{1}{2}$ in., both probably of basalt, very rare [PI. IV]	for
50/670	A similar Valve of a mould, 41 in.; and part of another	7-1
80/-671	A four-sided Mould, of square form, for casting various types of razors or knives, 3 in. long; and a Valve, for making a small socketed celt, with side loop, $2\frac{1}{2}$ in. long; both of sand-stone and extremely rare [PI. IV]	Dr.
6. 672	A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ in.; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head	elfo mu
673	Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-shaped loop, having three ribs in high relief; and the companion Piece for the opposite side, 8½ in. long, very fine and rare [Pl. V] 2	
674	A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 in. high, about 15 in. diam.; found in a bog near Portglenone, extremely rare [PI. V].	
67.5	A Ring Handle and Loop; Part of a Rim; and two odd Plates; all parts of cauldrons	
676	A plain Band from a large bronze cauldron, with a number of holes	

punched in it for riveting purposes

- A Cauldron or deep bowl, of flattened hemi-spherical form, showing 677 considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 121 in. diam.
- Another Cauldron, with straighter sides, rounded below, showing 678 similar repair at the sides, 10½ in. diam.; found in a bog at Gortgole, Buick coll. (see Ulster Journal of Arch. vol. XIV, page 23, 1908)
- An important Cauldron, of unusually large size, with strongly curved 679 sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 in. diam. at mouth, 13 in. high; found in Dirneveigh Bog in 1885
 - ** Some of these bowls were probably originally used as water clocks, but not when in this patched condition.
- Another Vessel, with straight sides and flat base, and having similar 680 evidences of patching, 14 in. diam.; found at Portglenone
- A Cooking Pot, with ridged sides and cylindrical neck, having two 681 stout loops riveted to the sides, the surface is decorated with hammer marks, 71 in. by 61 in.; probably of the mediaval period, found in the Bann
- An Armlet, of broad form, with curved sides and outcurved ends, 682 the body is elaborately decorated with bands of concentric lines and chevrons, 33 in. diam; found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare
- A spur-shaped Object of large size, the shank sharply curved and 683 the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), 9% in. long; late Celtic period, found at Glenatrace, rare [Pl. VII]
 - ** These objects are considered to have been used as an ornament upon the head of a horse.
- 684 A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, 6/10/5\frac{3}{4} in. long; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, 6\frac{3}{4} in.; and a Pin, Belfast must of straight form, with a conical projection on the disc, 64 in.; all found in Co. Antrim, very fine and rare [Pi: VII]
 - A bronze Pin, with large ring head, the junction of the head to the 685 pin being strongly curved, and the lower part of the curve forming

LOT 685-continued.

a shoulder, 7 in. long, fine; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ in. long; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; all of the early iron age and very rare [PI. VII]

A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; all of the early iron period

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

An Urn, of bowl form (repaired), with a band of triangular indents filled with small dots in centre of the body, 5 in. by 3 in.; found in a "Giant's Grave" at Loughloughan, near Broughshane (see Jour. R. S. Ant., Ireland, part II, vol. XXXII)

A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 in. long; found at Portstewart

An Urn (repaired, with base missing), the surface decorated with a hatched pattern of dotted lines, 6\frac{1}{4} in. diam., found inside a larger urn at Galgorm Park (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (see Roy. Ulster Jour. Arch., 1875, pl. 111); and a calcined Arrow Head, found in another urn

A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ in. by $3\frac{7}{8}$ in.; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 in. long, found inside the urn; found at Loughguile in 1870 (Illustrated in Abercromby's Bronze Age Pottery," vol. II, p. 163, fig. 47) [Pl. VI]

757- 691	An Urn (restored) the hody decembed the	
	sions between which are charmon in all f	Fentra
80/- 692	An imperfect Urn, with a band of ornament suggesting the St. Andrew's cross on upper part of the vessel, 6 in. diam.; found in 7/57 the "Bishop's Cairn," near Glenwherry (Ill. Ulster Journ., 1895)	Leeds
357-6931	Two Parts of the Pin of 1 "T	- Fenton
30/-694	,, p. 101, [i i vi] 1	ush mus
60/-695	AN INCENSE CUP, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, 17/8 in. 12/10/high; found in a "Dane's Fort," near Glenties (Ill. Abercromby's "Bronze Age Pottery," vol. II, p. 34, fig. 343) [Pl. VI]	est-mus
757-696	A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (restored), 6½ in. by 3½ in; found at Cumberclady (Jour. Soc. Ant. Ireland, p. 436); from the Buick collection	Feator.
757-697	An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, 24/-/- 4½ in. by 5¾ in.; found at Esker Dromona when making a railway to Portrush [Pl. VI]	Fenter
50/-698	An Urn of deep bowl form with narrow base, and strongly outcurved sides, the centre of the body has two pronounced ribs, well decorated with bands of short oblique and horizontal lines, at the side is a simple looped handle, a most unusual feature in these vessels, $4\frac{3}{4}$ in. by $6\frac{1}{2}$ in. diam. (restored); found in a "Giant's Grave" and "Carnal" at Loughloughan (see Jour. R. S. Ant. Ireland, vol. XXXII, p. 163) [Pl. VI]	Fenter

A small Incense Cup, with rounded base and sharply sloping sides, 699 decorated with bands of chevrons and oblique lines, 3 in. diam. ; (and a stone Spindle Whorl (broken), found inside the urn ; from Knockboy, near Ballymena (a long MS. description is within the vase) A small stone Cup, the sides decorated with bands of triangles filled 700

with hatched lines, 21 in. diam; found at Glenarm; extremely

Part of a stone Cup, decorated with bands of herring-bone orna- 3/10 701 ment; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; found within an urn at Kilbraights

BEADS AND PENDANTS FOUND IN IRELAND.

A collection of jet Objects, consisting of two Armlets, a cross-shaped 702 pendant, two decorated Plaques from a Bronze Age necklace, rare; two Buttons, and nineteen other Beads and Whorls, all of early period, on card A card containing twenty-five stone Beads and Whorls, also of early 73/-703 A very fine series of sixty variegated glass Beads of early types (one 50/-704 from Cyprus included for comparison), on card A series of thirty blue "ringed" glass Beads, three of them orna-705 mented, probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings; a fine lot A very important group of highly decorated glass Beads, some 30 20/-706 ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; Co. Antrim Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of /-707 gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; all found in Lisnacroghera Crannog; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, an important lot [Pl. VIII]

* For similar beads, see Guide to Celtic Antiquities of the Christian Period, Dublin, 1910, pp. 68-69.

Another collection of similar Beads, some beautifully decorated, 40/-708 also a fine lot, on card

5.7	A fine Necklace of thirty-three amber Beads, found in the peat between Craigbilly and Connor; and sixteen odd amber Beads, all probably of the Viking period, very rare, on card 49.	35/-1-Belfast Mus
63/-1	A card containing a number of odd amber Beads and Pendants; found in the north of Ireland, also of the Viking period 42	3/10/- Nayler
6-10 6.0	A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; from the Buick collection, on card 12	
(8/15/-)6. s:G	A card containing forty-nine "dumb-bell" Beads; found in the Irish peat and on Crannogs 49	8/1st Willia
75/7	13 A series of eighteen similar Beads; found in Co. Antrim; on card 18	s/s/ naglor
85L7	colour; found in the peat bogs and island sites; on card 52	4/15 Traylor
(8/31-)7.6 (A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42	8/57 Willow
40/7	A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white	4/st neglor
12/-7	17 Three strings of glass Beads, many of them decorated, and chiefly of an early period 56	4/57 nague
12/-7	A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56	9-1
357-7	19 Three strings of varied stone and glass Beads and Whorls 67	3/57- naylor
7.7	Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, some of them probably of Roman manufacture and perhaps relics of an early Viking raid	8/57- Belfast mus
(5/10/-) 49/6	A very important jet Armlet, the outer surface strongly ribbed, 5 in. diam.; found at Knocklayd, Co. Antrim	5/10/ Willer
12.7	Eight vitreous paste Beads, with ribbed sides, of the Roman period, rare; four early faience quoit-shaped Beads, also rare; and seventeen stone Beads, of varied form; all Co. Antrim; on card	15/19-00
7	23 A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68	
8/15/-) 9. 8.6	A series of stone Beads and Pendants, of various periods, on three cards	8/15/ Willia
7	Twenty-one tiny stone Beads; found on the sandhills at Portstewart very rare	

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

- Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, 2\frac{3}{4} in. diam.; found in Maghadee bog, near Kellswater, fine and very rare [PI. VII]
- Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. R. I. A., 1901, vol. VI, third series, no. 3, p. 388) [Pl. VII] 1
- A Ring Pin, the loop having terminations suggesting the reptilian head, 3\frac{1}{4} in. long; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, also rare; found in a Crannog at Derryhullogh (see U. J. Arch., vol. X, p. 53) [Pl. VII]
- 729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ in. long; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ in. long, both fine and rare [PI. VII]
- 730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [PI. VII]
- 730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3
- 731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 5
- 732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, rare; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head

 4
- 733 Two others, with solid ring heads; and two with thin spiral wire loops 4

- 734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, rare; and three other Pins, an interesting lot
- 735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, found together at Portstewart; and four others 8
- 736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, 7½ in. long, probably of the Early Iron age; and three others, of a later period 4
- 737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, a good lot 5
- 738 A bronze Pin, found at White Park Bay; and five others, of simple form 6
- A fine bronze Finger Ring, with oval depression on front, found at Vagey, probably of the Early Iron period, rare; three ribbed bronze Rings; and a Brooch Ring, with notched ornament 5

740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, found at Glenleslie, both probably of the Early Iron period; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age

- 741 A CELTIC IRON BELL, of quadrangular section, with broad loop; the clapper is still in position, and is heavy in proportion to the size of the bell, 7 in. high; there are small patches of the original bronze coating still on the outer surface; from the ancient Church of Markstown, Cullybackey, extremely rare [PI. V]
- 742 "THE LISSAN BELL," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 in. high; from Lissan, Co. Tyrone [Pl. V]

60/- 743

** Part of a letter from Bishop Reeve, relating to this bell, is attached.

A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, an extremely fine and rare example of the Second Century A.D. [Pl. VII] 1

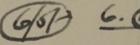
17/10/-Leeds

7/37- nagged

857-7	A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a 7/-/- tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, all early examples and negron of interest
7	A stone Cup in the form of an open bowl, with a globular projection at the side, 3 in. diam., found near Newton Crommelin (see Uls. Jour., 1895); and a heavy stone Bowl, of simple form, 4\frac{1}{4} in. diam., found near Craigmaddy
80/-1	A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced 7/10/handle at the side; probably found near Conner (Ill. Uls. Jour. 4rch., 1895, vol. XV, p. 4)
7.	Two large bronze Rings, each with pendant rings attached to them; and twenty-five single Rings; found (with others) arranged in a semi-circle in a fort at Secon Hill, near Ballymoney 27
7	A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card
(3/s]- 6. G	Two curious iron Chisels, with solid butts and side loop, probably of the Early Iron period, very rare; nineteen Rings, of various periods; and thirteen other Objects 34
7	A wooden Paddle; found in a bog near Ballymena, very rare and interesting
(3/10/-) 6.6	A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17th Century); and a bronze Harp Peg 5
(7/-1) 6. (7	A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; //-/- and a curious Palette, with three depressions; all found in Ireland and of an early period, an interesting lot

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

5.753 A large wooden Mether (damaged), found in a bog near Bally-6/5/mena; and a small Cup, of similar form decorated with chevrons,
found at Slenish (Ill. Ulst. Jour. Arch., vol. XV, p. 4) 2 Negles



Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, from Kells, all of the 18th Century 4

	59-755	Two rush-light Holders; a bronze Mortar; a metal Vase; and three horn Cups	3/1- Michsu
3/15/	10. 156	Two decorated horn Cups (one Ill. Ulst. Jour. Arch., vol. XV, p. 5), and seven curious funnel-shaped Vessels in wood and bone 11	
(33/-) _	10.757	Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects a lot	
(25)	6.058	Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving 17	
	IN	MPLEMENTS FOUND IN OTHER COUNTRIES.	
	75 2-759	Thirteen palæolithic Implements, from Suffolk; one, from Wandsworth; another, from Stamford Hill; and seven Others, from various English localities 22	
	40-760	An ovate flint Instrument, very rare; and seven Chert Implements, found at Broome, Dorset, all of the palwolithic period, some very good 8	3//0/- / 100000
	40/261	A Mousterian Implement, found at Wandsworth, rare; four drift Implements, from Northfleet; nine others, found in Suffolk; and a good "twisted" Ovate, from Bottisham, rare, a good lot	8/st Belfost
	40[762]	Ten drift Implements ; found in France, some from Saint Acheul 10	9/st Belfrest
	357-763	Y . Y . 1	// //
	49-764	Two bone Implements; and a series of Scrapers of various types and other Implements, from the French caves, an interesting lot	4 go Keeler
	65/-765	Five chipped Axes, found at Spiennes, Belgium; a long Pressigny Flake; a polished Axe, from Saxony; four polished Axes, from France; and seven others, also from France, all of the Neolithic period	3/10/- Reelec
	30/766	Twelve flint Axes, from Cissbury; seven others, from Grimes graves; a curious paleolithic Form, found at Weeting; eight varied Implements, from Suffolk; and six others, from Eastbourne 34	5/5/- Beeler

EGYPT.

		EGYPT.	117
	69-767	A tortoise Core; eleven Implements; and five others, all of Palæolithic period	the 4/1-
(45/-)	75/768	A flint Pick, found in a tomb at Medinet Habu; three other Picand fourteen Implements, from the Neolithic workshop floor	AND THE RESERVE OF THE PERSON
		Wady-el-Sheikh	18
	357-769	A series of Scrapers and worked Flakes, found near Helouan	22 2/10/- Beelin
(69-)	50/770	A series of pigmy Implements and Borers, found at the s locality	ame 60/- Willes
	59-771	Twenty-eight Implements, with serrated edges; some found El Kab, on two cards	at 4/-/- 28
	20/-7721	Nine small Chisels; nine leaf-shaped Implements; and eigenvalue peculiar Flakes, chipped at one side, on three cards	19ht 3/57- Fasper 26
	137-773	A slate Palette in the form of a fish; three others of simpler fo and a finely chipped Chisel, rare	orm; 28/- Heller
	50/-774	A series of Saw Blades, Lance Heads, small Axes, and other objection the Fayoum	25
	40/-775	A similar lot	25 65% Spink
	50/-776	A similar lot	25 60/- Eleler
	40/-777	A similar lot	25 50/- Laurena
	30/-778	A similar lot	25 557 - Feator
	39/-7791	A similar lot	25 60/- Leeler
	39- 780	Another lot, similar	253/67 Donn
	257- 7811	A similar lot	25 2/18/- Bel ma
	201-782	Another lot, consisting of Axes, worked Flakes, Lance Heads, other objects, also from the Fayoum	and 60/-Laren
	30/-783	A similar series	20 4/col-Shint
	187-781	A well-chipped Axe; two parts of flint Armlets; and twenty other Implements; Fayoum	two 257- Spink
	7/- 785	Five leaf-shaped Lance Heads; thirty worked Flakes and bruinnels; a finely chipped Arrow Head; and six oth Fayoum	oken 1157_
	786	Thirteen fine Arrow Heads; and nine others of coarser works ship, on two cards; Fayoum	man- 22

69- 787	A flint Dagger of Danish type, 4 in. long, rare; and sixteen Arro Heads of unusual form, some of fine quality, on eard; Fayoum 1 Twenty flint Arrow Heads, some imperfect; Fayoum 2	w 7	3/10/-	Laure	ence
7/- 788	Twenty flint Arrow Heads, some imperfect; Fayoum 2	20	40/-	Ela	lee
789	Another lot; same locality 2	- 4	-	1000	
790	A similar lot; same locality 2	0			
791	Another lot; same locality 2	0			
792	Another lot; Fayoum 2	0			
793	Another lot; Fayoum 2	0			
794	Three "fish tail" Lance Heads (two broken); a Knife with indente grip; and two other Knives, on card, a good lot	d 6			
30/_795	A finely chipped broad Knife, with ripple flaking (broken); and tw Fragments of Knives	3_	5/10/	Har	per
40/-796	A curved Knife, with serrated edge (broken); and a Lance Head also serrated	d, 2	10/-	Law	rence
40/-797	A series of quartzite Implements, of drift type; found by Mr. Seto Kerr in Somaliland, some fine 1 A similar lot, some fine	n 8	40/-	Low	rence
40/798	A similar lot, some fine	8	40/-	Bel	mus
257799	An interesting series of chert Implements, many of Moustiers type from the same source 3	;	50/	Law	rense
800	A similar series 3	2			
5. 80)	Twenty coarsely chipped Implements, of drift type; found is Madras				
802	Six similar Implements; eight Flakes; a Pounder; a perforate Stone; and eight polished Celts; all from India 2				
	DENMARK.				
803	Three flint Picks; four tranchet Axes; four Scrapers, and an Ax of ordinary form; all from the "Kitchen Middens"; and two others	0			
804	A finely chipped Blade, of celt form, 9 in. long (repaired); a chippe Chisel, with ground edge, $7\frac{7}{8}$ in. long; part of a Dagger; and small Lance Head				
59/-805	A flint Dagger, with wavy ridge on the grip (repaired); another with fish-tail termination to handle; and three lunar Knives, good lot		4/157	Bel	mus

	800	from Wisby; an Axe, of tranchet form; a polished Gouge; polished Axe; a perforated Net Sinker; and seven Flakes	a
(65]-)	50/-807	An unusually finely chipped Gouge, of brown flint, $8 in. long$; as an Axe, of similar workmanship, $10\frac{1}{2} in. long$	nd 2
	60/- 808	A boat-shaped Axe Hammer; another, of usual type; two polish flint Axes; and a Whetstone, of the Viking period	54/57- Fenter
	923	SWISS LAKE DWELLINGS.	
2/12/	6. 69	An Axe, of nephrite, showing saw marks at sides, found at Fornear Estavayer; seven stone Chisels; a Fragment of decorate pottery; and two other Objects	
(301)	757-810	A finely chipped Knife, of Pressigny flint, rare; another, smalle seven Arrow Heads; a horn Socket; and two bone Pins	or; 12
2/10/	75/-811	A series of Scrapers, Knives, and other Implements; from Estavagand other sites	yer 33
600	7. 812	A Nephrite (?) Axe, in horn socket, from Font; another, simil from Neuchatel; a diorite Axe, in socket; and two small Chise also mounted in horn	
(58)	6. 813	A fine bronze Sickle, of early form; and a good tanged Knife, w curved blade; both from Neuchatel	ith 2
	814	A very fine bronze Pin, with globular head, having four circu openings at the sides; nine bronze Pins, with decorated head a Fish Hook; a coiled Ring; and two other Objects, a very golot	ds;
	20/- 815	Ten Spindle Whorls, in stone and pottery, of the bronze perioder from Estavayer	d; 28/ Keeler
34)	50/-816	Four worked Flakes; nine unfinished Implements; and six pl Flakes; all found in Egypt	ain 19
	12/-817	Twelve Flakes, with secondary chipping; and twenty-four pl Flakes; Egypt	36
	/2/-818	A similar lot; Egypt	36 Zof Wantay
601)	737-819	A series of fifty-one flint Arrow Heads, found in Ohio and of American localities, on five cards	E1
	59/-820	Another series, including some unusually fine examples	40 3gs Leele

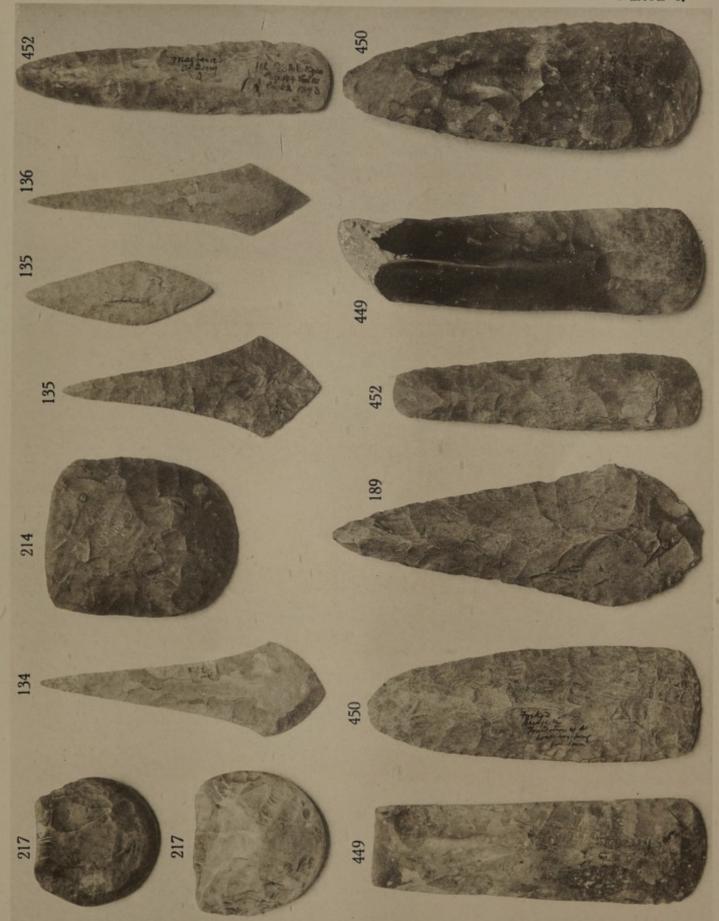
		57 Fourth	Day	
(457)	8. 821	A large grooved Axe, Illinois; and five others, said to have found at Saint Vincent	e been	
(28/-)	7. 822	An Adze, from Easter Island; two others, Solomon Island Chisel, Fiji; and a long obsidian Flake, with trimmed Admiralty Islands	ds; a edge,	
(29)	69823	A small Axe; a discoidal Stone, Arkansas; three Axes, Guinea; a Chisel, Pitcairn Island; and two others		
(36/-)	/2 824	A very fine and unusually large Adze, and three others; all New Guinea	from 4	
(280)	75/825	Eight finely chipped glass Lance Heads, from Australia, on car	rd 8	
43)	75/826	Three glass Lance Heads; three others of chert; and two Implements, in original shafts; Australia, on card		
301-	6827	Four Knives, mounted in gum handles; two Scabbards or She a Spear Point; and nine Arrow Heads, in various mater W. Australia	aths; rials;	
(4101-)	80/828	Two well decorated Boomerangs; four others; a Waddy or three Spear Throwers; and two "Bull Roarers"; Australia	Club:	*
	[24-829]	A number of roughly chipped Implements, from Tasmani various materials	a, in a lot	190
(12)	58/-830	Two grooved Hammers; and four others, Australia	6	
	267- 831	Ten well-chipped Spear Heads of chert; and four Flakes, with gum mounting, Australia	some 14	30/- Belfast M
113	50/- 832	Twelve chipped glass Lance Heads; Australia	12	2/15/
2017	<u>5: 833</u>	AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of stone, with pointed butt, semi-circular cutting edge, and po oval section, 17 in. by 5½ in.; from New Guinea	dark inted_	XV
(U/-1-)	10. 834	Three hafted stone Weapons, Australia; a wooden Paddle; a Shield and a slender Club, both decorated	and a	
(11)	5. 835	Four good hafted Adzes; New Guinea	4	XV
4131	/2.836	Two hafted shell Adzes, Admiralty Islands; a hafted Axe; another, of jade (?), both New Guinea	and 4	
(60)	8.837	Two hafted Adzes, Fiji; and a jade (?) Axe, in carved we handle, Samoa	oden 3	
(1)	85]-839	A decorated Dancing Club, of canoe form, New Hebrides; a can Adze Handle; and three others	arved 5	

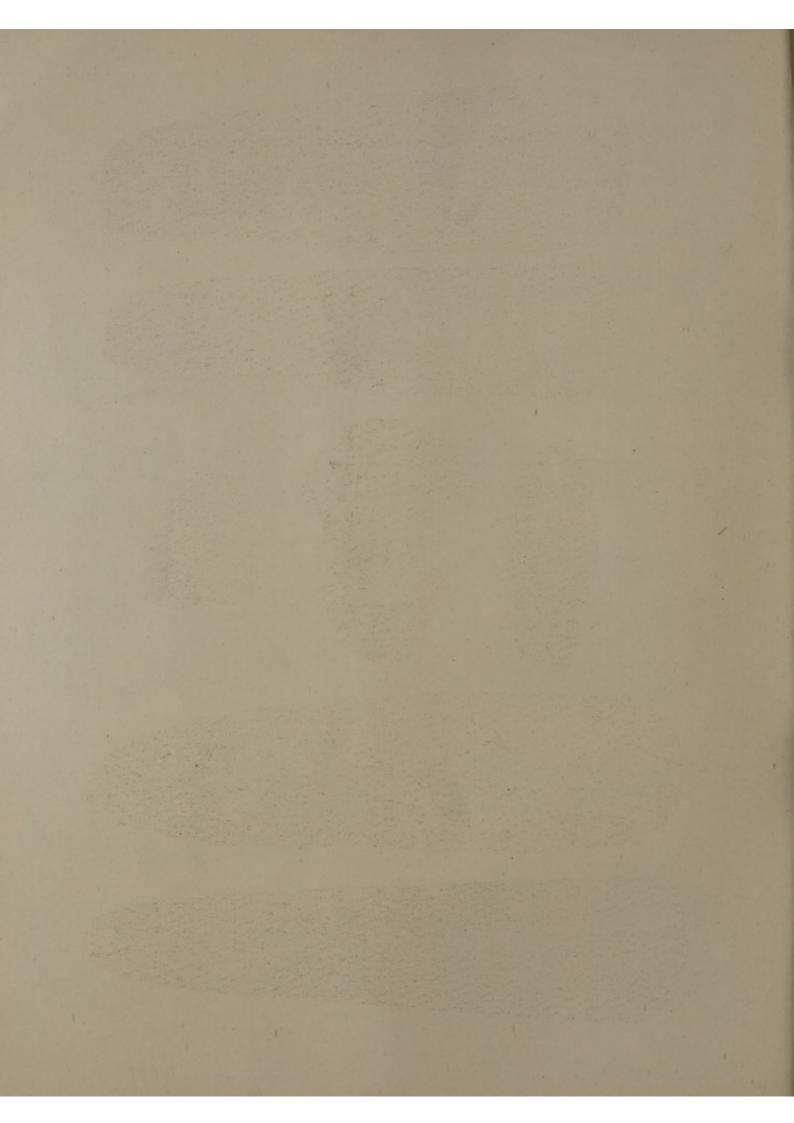
	Fourt	h Day 58	
601)	6. 839	A Club, made from a sawfish snout, New Guinea; two Shiel Australia; and another, of plaited cane	ds,
(30)	6. 810	A Quiver of Arrows; four mounted stone Implements, Australiant two decorated lime Spoons, of large size, New Guinea; and carved Club, New Guinea (?)	
(3/10/)	7. 841	A stone Tomahawk, and another, with metal head, decorated, be N. America; two incurved Axes, Saint Vincent; a stone A Togoland; and a stone Disc, from a digging-stick, Cape Colony	xe,
(20/-)	757-842	Three carved wooden Clubs, Fiji; and a well-carved Spear, woodsidian head	ith
(201)	5. 843	Five various stone-headed Clubs; New Guinea	5
(40/-)	5. 844	A similar lot	5
(280)	5. 845	A similar lot	5 .
(40)	401.00	Eighteen small stone Adzes, some roughly chipped; and thirty-th Fragments; from various New Zealand localities	ree 51
(00)	[द्रां व्य	A stone Adze, in elaborately carved wooden handle, rare; a another, in a plain handle, from H.M.S. Challenger expedition both from New Zealand	on; XY
(18/-)	50/-618	Five "Moa Stones"; six shell Objects; a Scraper, Nelson; for small Adzes; and six Fragments; all from New Zealand	22
280	7. 849	A stone Adze, with curious ridge on blade, 9 in.; and three sm Adzes; all New Zealand	all 5
380	601-850	A finely-polished stone Mere, 12 in. long; and two well-finish Adzes; New Zealand	ed 3
	40[-851]	An unusually well-chipped Chisel, in basalt, 10½ in. long, very fir and three polished Adzes; all from New Zealand	10:2/8/-
(Spe)	7.852	A fine jade Adze, 7½ in. long, Auckland; an Axe, with oblique ed (found in the Thames); and a roughly chipped Block, from Rakaia encampment; all from New Zealand	
(3/10/-)	7. 853	A fine Chisel, in light green stone, $6\frac{1}{2}$ in. long; two Adzes, ordinary material, with highly polished surface; and a sm Adze, of jade; all from New Zealand	
(6/10/-)	8. 854	A flat Blade, of jade, with saw cut on side; and four others, similar material; New Zealand	in 5
23/10/	8. 855	AN IMPORTANT TIKI, of jade, of unusually good workmansh 44 in. long, New Zealand	ip, 4X
(1419)	6: 856	Another, in bone, 3 in. long, rare, New Zealand	1 XVI

	Three fine Ear Pendants, of jade, New Zealand 3	857
	Another, of curved form; an Example of rich green colour; and another, in darker material, 4 in. long; New Zealand 3	858
	A number of Implements and Bones, from the Torbryan Caves, Devonshire; a chipped Axe, from the Thames; twelve fine flint Arrow Heads, found in Egypt; three various polished Axes; and seven others	859
	Four ribbed glass Balls, from India; a Fish Hook and two decorated Rods, from West Australia; six recently mounted Implements; and two others	860
	Five Chinese Armlets; five Charms; and two Seals, some of jade, on eard	861
	A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card	862
4st Hello	Thirteen pigmy Implements, Yorkshire; and twenty-four English flint Arrow Heads 37_	_863
	Nine chert Knives; thirty Arrow Heads; and a Borer, Japan 40	-864
	Seven extremely tiny Arrow Heads, found in Colombia River; six flint Arrow Heads, and four coarser Implements, Italy; two Arrow Heads, from Finisterre; and seven Arab Amulets, in carnelian 26	865
	Ten Implements, from the Cape of Good Hope; and sixty-five Pigmies and tiny Flakes, from various Indian localities 75	866

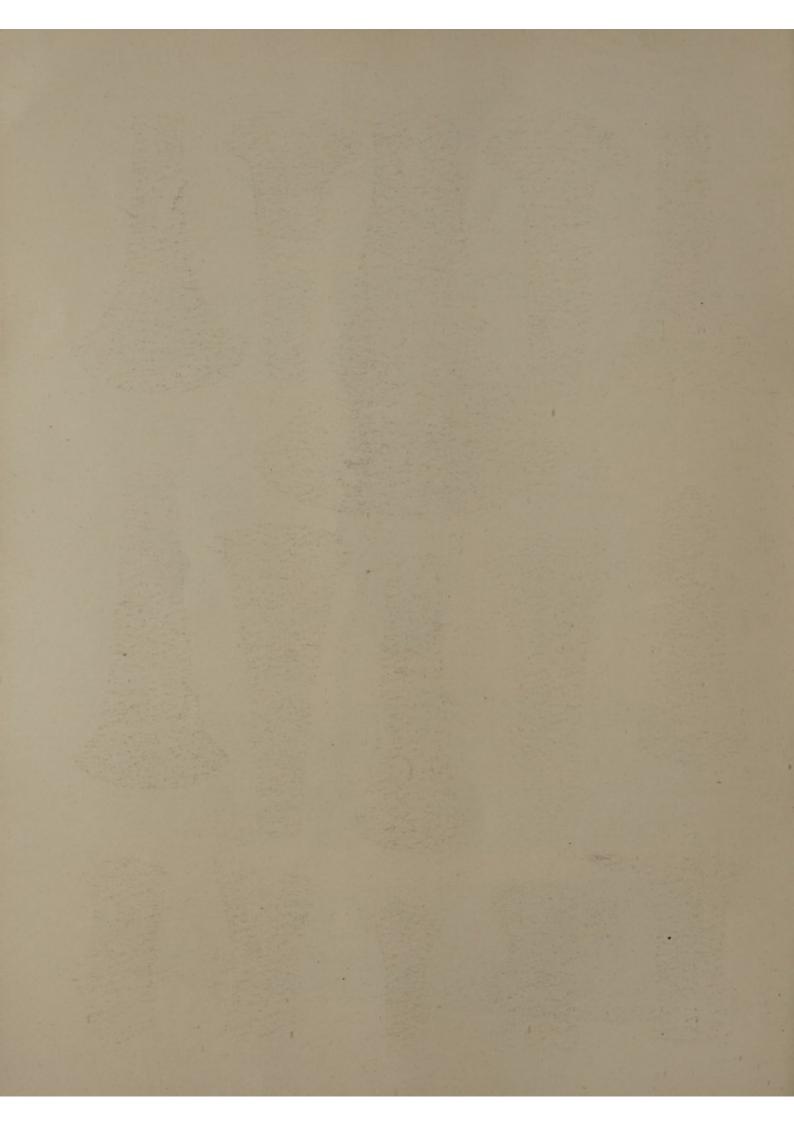
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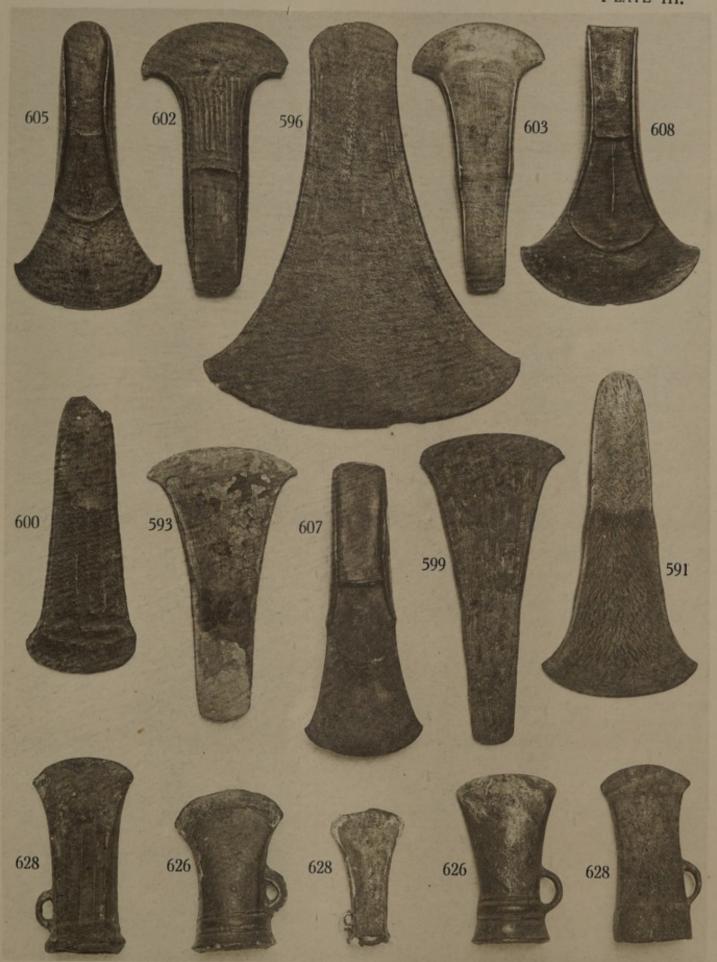
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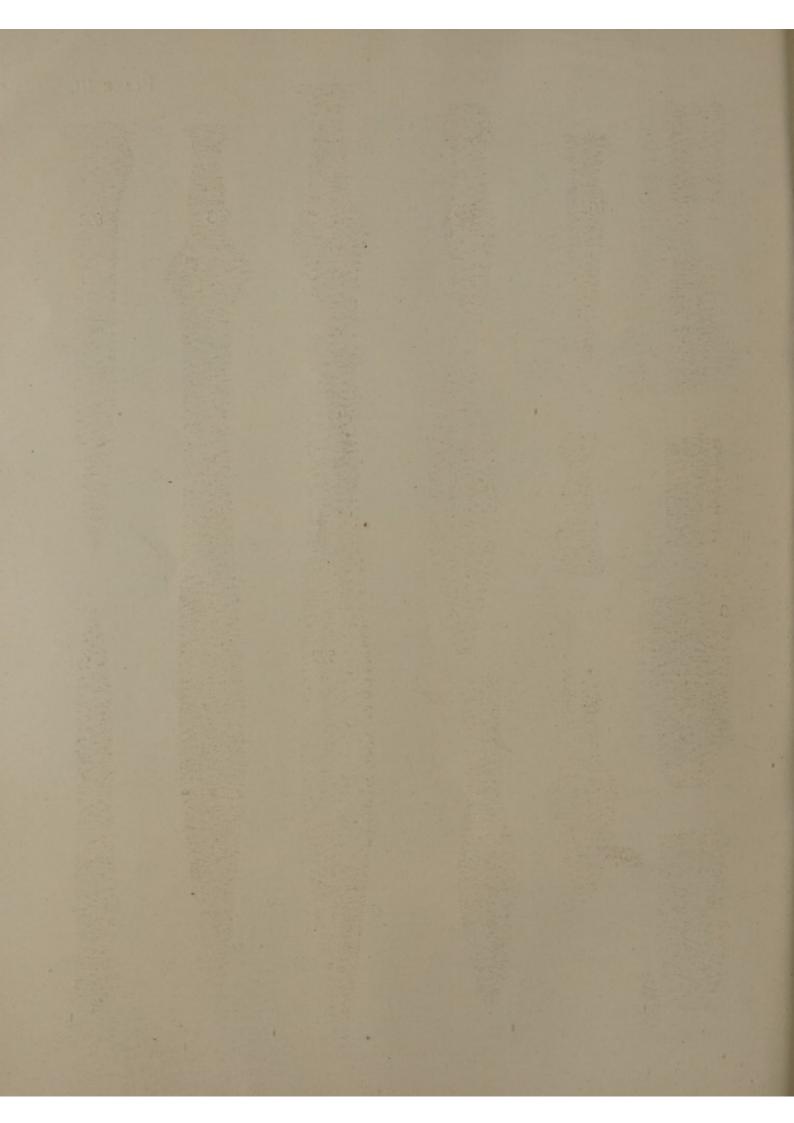


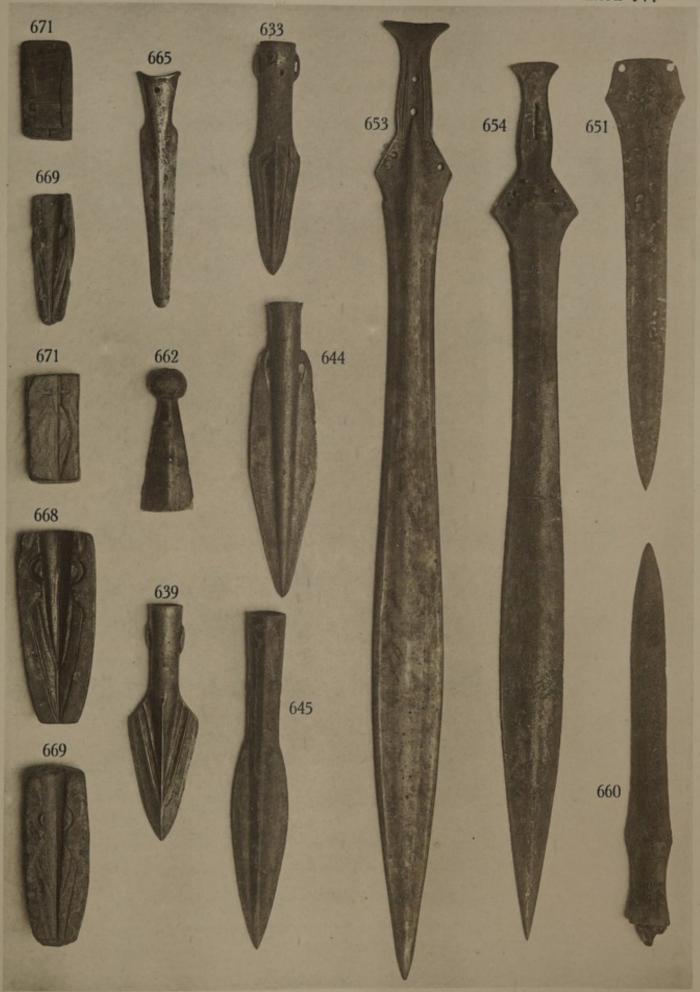


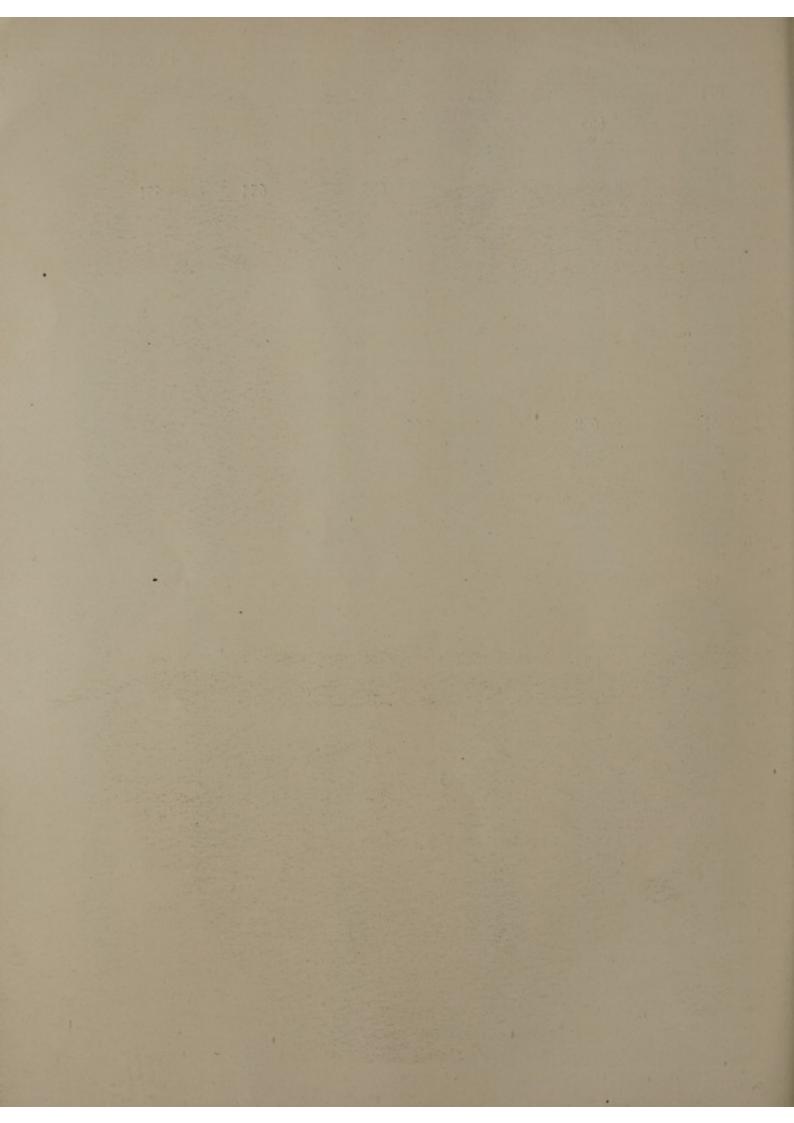


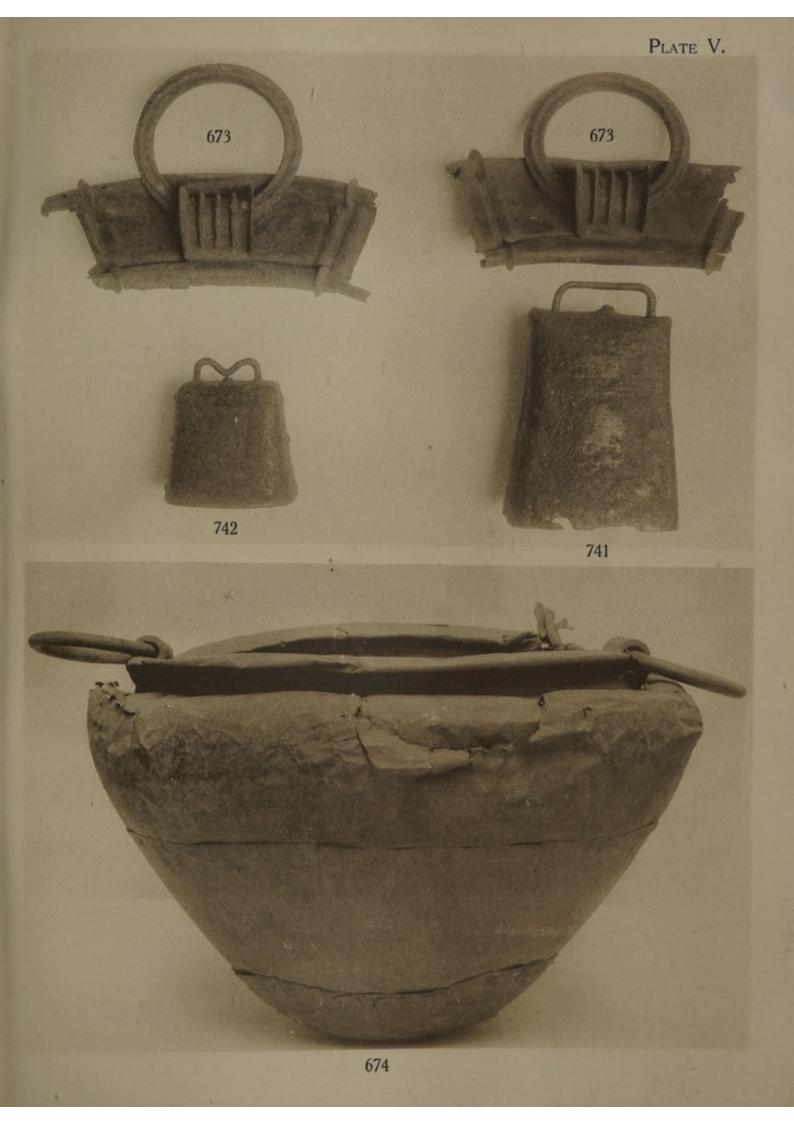


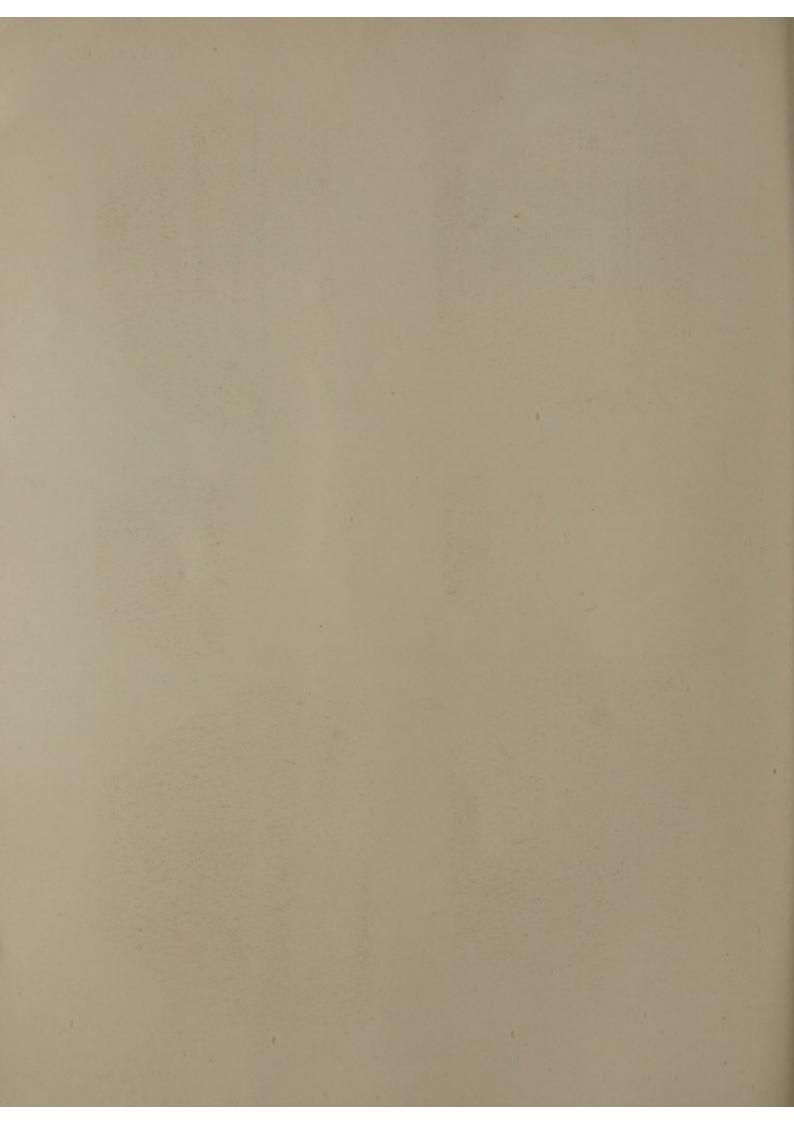


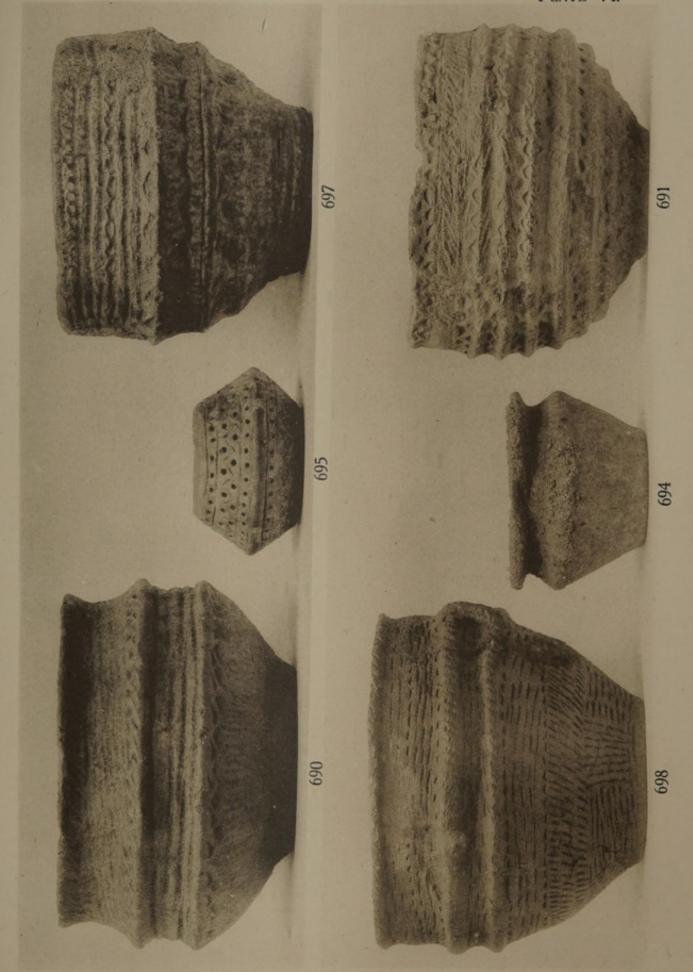


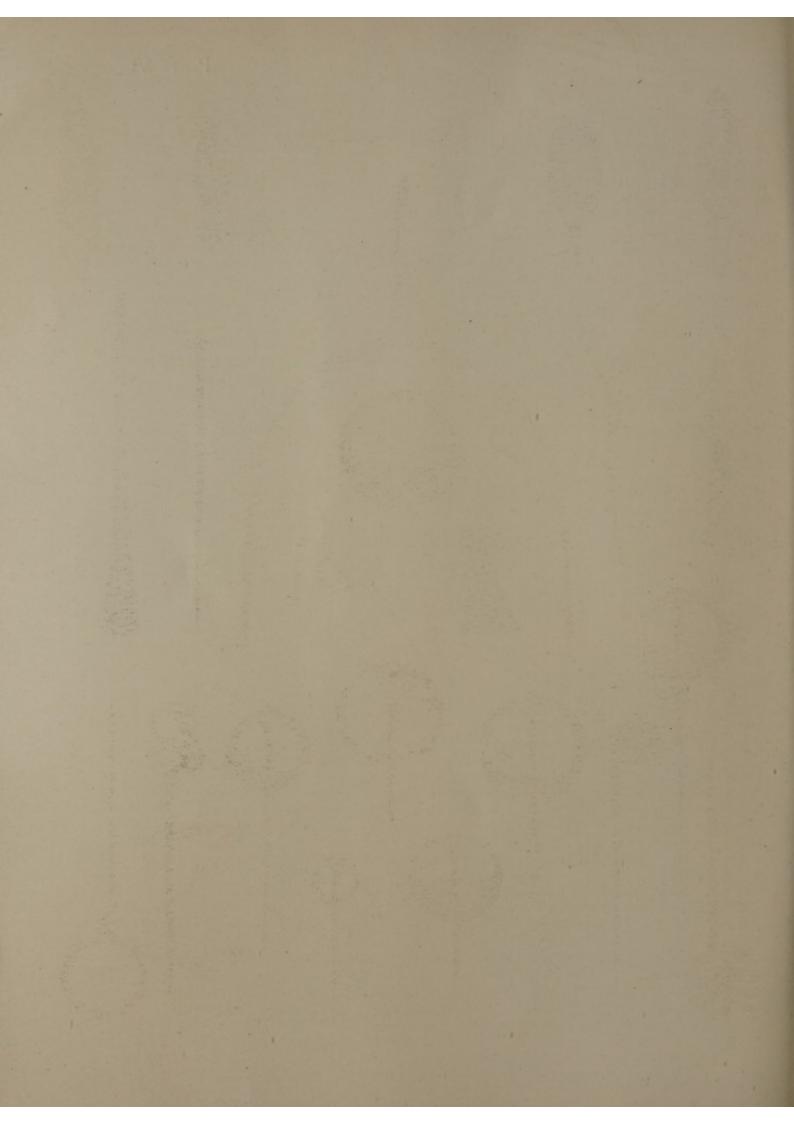


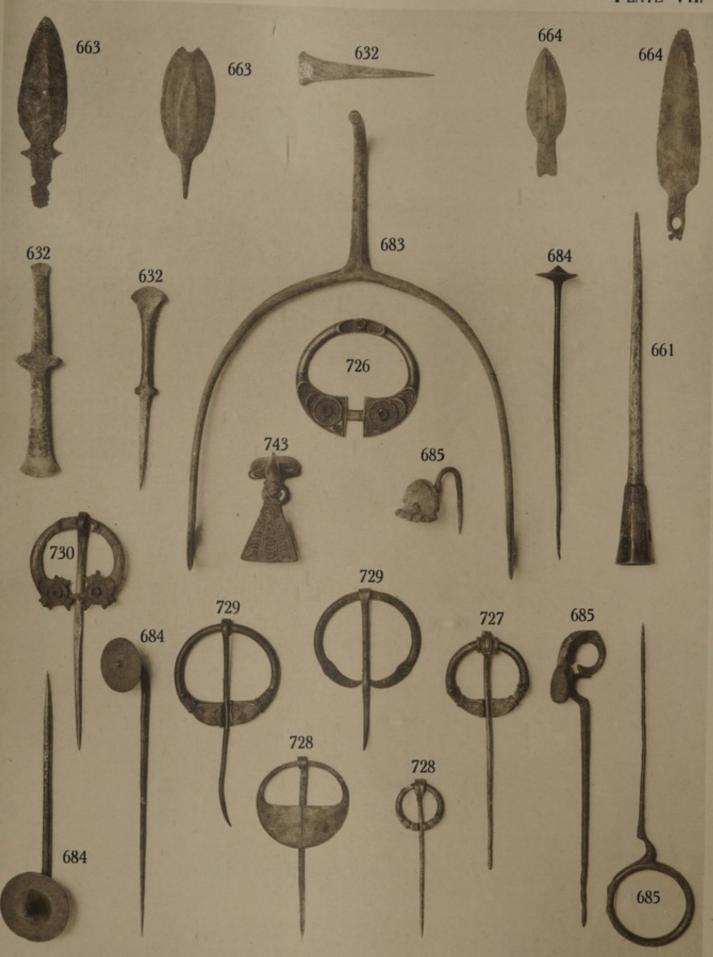


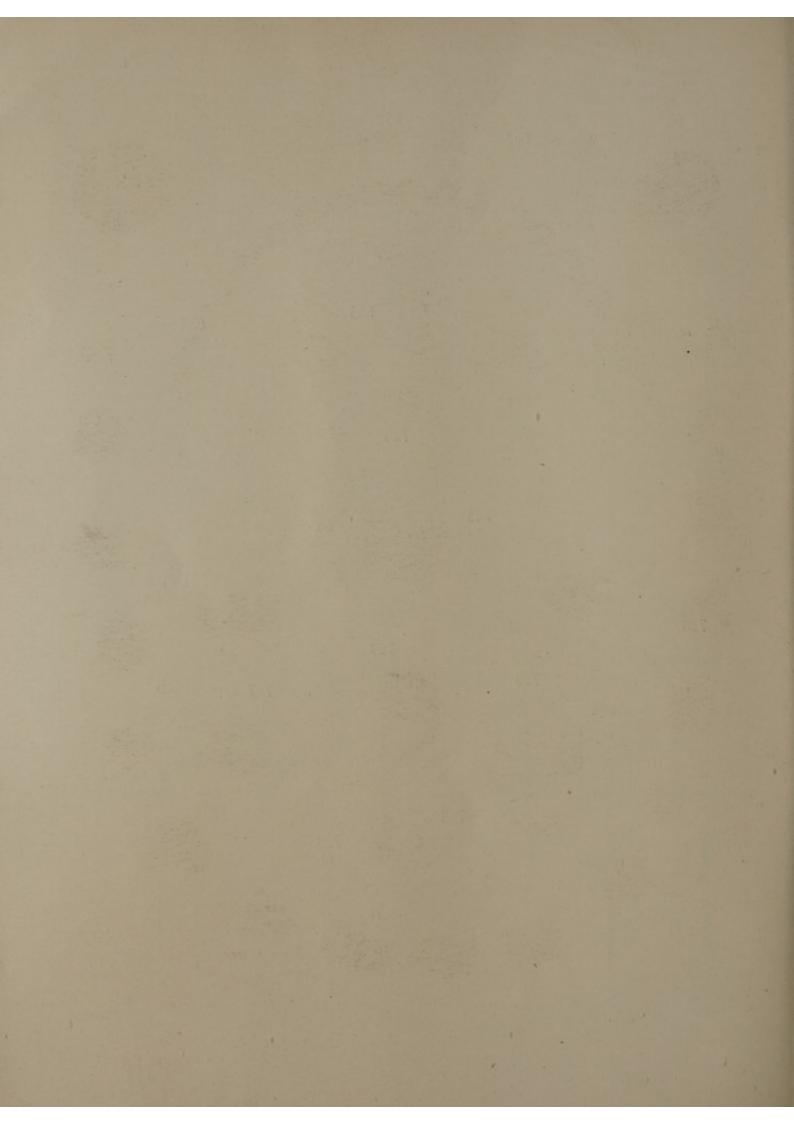


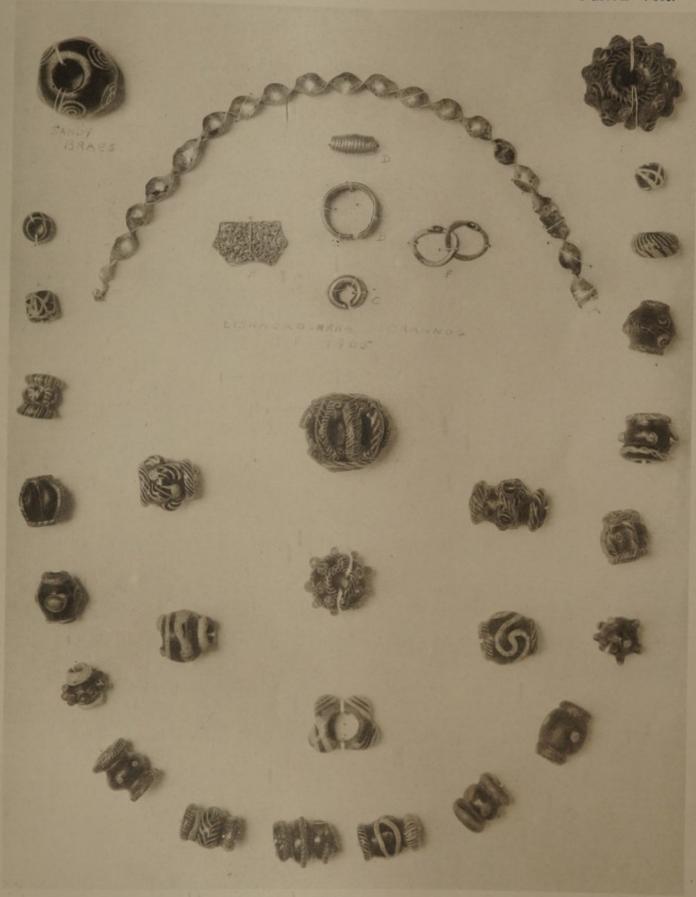


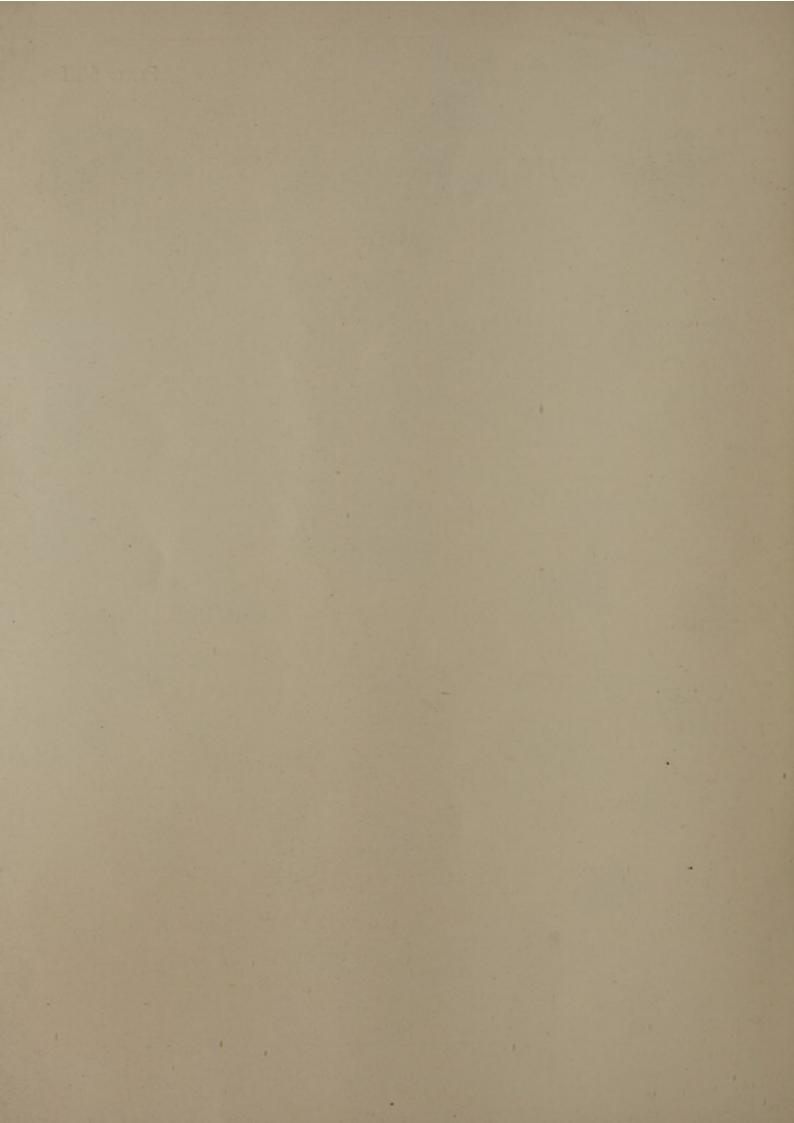












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and Glasgow Herald.

Saturdays ... Country Life; Sphere;

Illustrated London News; Field; Publishers' Circular; Clique;

and Monthly in the Burlington Magazine; Connoisseur; London Mercury, and Bookman's Journal.

B. FOREIGN.

Journal des Arts (Paris).

Philadelphia North American.

Gazette de l'Hotel Drouot (Paris).

New York Times.

American Art News.

New York Evening Post. Boston Evening Transcript.

Chicago Daily News.

and International Studio.





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SOTHEBY, WILKINSON & HODGE, 34 & 35, NEW BOND STREET, W. (1)

CATALOGUE

OF THE

WELL-KNOWN & REPRESENTATIVE COLLECTION

OF

PRE-HISTORIC ANTIQUITIES, ETC.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena

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1924.

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Bronze Cauldrons, Swords, decorated Spear Heads and Moulds;
Pottery found in barrows of the Bronze Age;

CELTIC ANTIQUITIES, IN BRONZE AND IRON, INCLUDING RING BROOCHES, BELLS, AND BEADS IN GLASS AND AMBER;

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CATALOGUE

OF THE

WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, etc

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena,

COMPRISING

MANY EXAMPLES FROM EARLY INHABITED SITES;

OBJECTS FROM THE EARLY FACTORY OF WEAPONS, IN BASALT, NEAR CUSHENDALL

FINE SPECIMENS OF FLINT AXES, KNIVES, SPEARS, &C.;

BRONZE CAULDRONS, SWORDS, DECORATED SPEAR HEADS AND MOULDS;

POTTERY FOUND IN BARROWS OF THE BRONZE AGE;

CELTIC ANTIQUITIES, IN BRONZE AND IRON, INCLUDING RING BROOCHES, BELLS, AND BEADS IN GLASS AND AMBER;

ALSO

OBJECTS OF LATER PERIODS, INCLUDING RARE CHARMS FROM IRELAND, A FINE TIKI FROM NEW ZEALAND, &C.

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- I. The highest bidder to be the buyer; and if any dispute arise between bidders, the lot so disputed shall be immediately put up again, provided the auctioneer cannot decide the said dispute.
- II. No person to advance less than 1s.; above five pounds 2s. 6d., and so on in proportion.
- III. In the case of lots upon which there is a reserve, the auctioneer shall have the right to bid on behalf of the seller.
- IV. The purchasers to give in their names and places of abode, and to pay down 10s. in the pound, if required, in part payment of the purchase-money; in default of which the lot or lots purchased will be immediately put up again and re-sold.
- V. The sale of any lot is not to be set aside on account of any error in the enumeration of the numbers stated, or errors of description.
- VI. The lots to be taken away, at the buyer's expense, immediately after the conclusion of the sale; in default of which Messrs. Sotheby, Wilkinson & Hodge will not hold themselves responsible if lost, stolen, damaged, or otherwise destroyed, but they will be left at the sole risk of the purchaser. If, at the expiration of Two Days after the conclusion of the sale, the lots are not cleared or paid for, they will then be catalogued for immediate sale, and the expense, the same as if re-sold, will be added to the amount at which they were bought. Messrs. Sotheby, Wilkinson & Hodge will have the option of re-selling the lots uncleared, either by public or private sale, without any notice being given to the defaulter.
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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archæologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and coun tries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

PERMINAGE.

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THE WELL-KNOWN COLLECTION

Pre-historic Antiquities, Etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A. of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

Thirteen good flint Knives; and nine unfinished Spear Heads, on Three unusually long Flakes; and eighteen others, with worked butts, on three cards

- Twenty-nine Flakes, with worked butts, on two cards
- A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates 12-14).

5	A fine Knife; two Scrapers; three Cores; five Borers; three pla Flakes; and a Knife with incurved cutting edge (all illustrat in the same Journal as previous lot)	ted	387-
6	Eight flint Axes of "Kitchen Midden" type, rare	8	24-
137-7	Eight hollow Scrapers; eight Borers; and four knives, all go specimens	od 20 '	may tock
8/- 8	A similar lot, also good	20	24/-
8/- 9/	Another lot, also good	20	Lincon
12/-10/	Six unusually good Scrapers, found together at Port Glenone; for Cores; six Knives; and four "Points," a good lot	our 20	24/-
12/-11	Twenty tanged Knives; a Scraper; two Fabricators; twelve oth Knives; and six pointed Implements	er 40	28/-
12	A similar lot	40	alul-
13	A similar lot 28 4 lder	40	awane
14	A similar lot 1 yn golder	40	
15		40	
7/-16	A similar lot 2 yrs of alor	40	
7/-17	A similar lot 181- Januarie	40	
6/-18		40	
6/- 19	A similar lot 16/- Willon	40	
10/-20	A simila lot 2/10/- nator	40	
257-21	An unusually fine Borer or Pick; a large Flake, with worked side four Fabricators; two Cores; two Scrapers; ten tanged Knive sixteen "Points"; a flint Adze; and a small Axe		
22	A curious flint Chisel, with ground edge, rare; a smaller examp four roughly chipped Axes; a Pick; ten pointed Implemen and four others		32 ton
23	A curious Core, with palæolithic patina, found at Culbane; twe other Cores; three hollow Scrapers; ten Knives; twelve "Point and twelve typical Flakes		nator
24	Twelve Cores; seven "Points"; six Knives; and twenty Flakes	45	24/- 11
25	The state of the s	45	18/-
12/- 26/	Another series	45	16/-
137. 27	Thirteen Cores; six "Points"; six Knives; and twenty-f	ive 50	28tin

22/7		7	First Day	
20/-	37 28 x	Twenty Cores; six Knives; and fifty Flakes	76	
d7	257- 29 x	One hundred typical Flakes	100	
29)	30	One hundred-and-thirty similar Flakes	130	26/- Willon
8	31	One hundred others	100	201-
7	32	One hundred others, with secondary chipping, an i	interesting lot 100	26 - Jawrane
231) 29-	33	Eighty-one others, many with secondary chippi illustrated in Jour. R. I. A., vol. XXX, pl. 1		11 /
	137-34	Thirty very fine Flakes; found in the Bann at Col	leraine 30	2/4/- nalore
	35	Eighty unusually fine Flakes, some with second illustrated)	dary chipping (one 80	18/- faurance
	3/_ 36	A coarsely chipped "Point" of Moustierian form; rare (Ill. in Jour. R. I. A., vol. XXX, pl. 13,		3/-/- Rellor
	37	Ten Axes of "tranchet" type; found in the Bann	n, rare 10	2/12/- Maylor
	38	Another series	10	23/ witton
	39	Another series	10	22/- willow
	40	Another series	10	22/- wilton
	41	An Implement, with palæolithic patina; and nine "t	tranchet" Axes 10	26/- "
(A)	42	A finely worked "Point" (Ill. Jour. R. I. A., a fig. 44); a finely chipped "tranchet" Axe (Ill. I pl. 144, fig. 6); another (same Journal, fig. 7); six "tranchet" Axes	R. S. A. I., vol. III,	2/
(30)	237- (3) x	A series of polished Axes and other Implements,	some doubtful 13	13
	107-41	Twenty stone spindle Whorls	20	33/-
2/-1-)	40/45) x	Twelve plain Hone Stones; and eight others, with	perforations 20	
1	40/-46	A similar lot	20	4/2/6 Margore
	357 47	Ten plain Hones, and ten perforated examples	20	2/18/-
	48	Seven plain Hones; two perforated "tracked" forated Hones; a stone Pendant; a decorate perforations; and a grooved Whetstone	Stones; six per- d Stone, with two 18	4/17/6 May lore
	49	Fifty Flakes, some with secondary chipping	50	26/- welton
	50	A Handle for an implement, made from the root of form, with conical socket for the insertion of found at Culbane, extremely rare, if not unique vol. XXX, pl. 13, fig. 24)	a flint, 2 in. long;	2/-

67

68

		WHITE PARK BAY SITE.	
	51	A series of Cores, Scrapers, and other Implements about 100	36/-
(1)	52	A similar series about 100	23/7.
(30)	40/-53	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers 38	wilton
	132 54	A series of Scrapers, including some hollow varieties; and several small Axes	Jamane
	10/ 55	Seven tanged Arrow Heads; two Scrapers; and a Flake (several illustrated in Jour. R. I. A.)	201-le
	56	Sixteen Scrapers (also illustrated)	20/-
	57	A tanged Implement (illustrated); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements 44	23f
	58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; all found at Portstewart 40	22/-
	59	A series of notched Scrapers, and Knives; White Park Bay 38	101-
	60	Three well chipped Knives; fourteen Borers; and seven other Implements 24	181-n
(33)	58/-61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (illustrated); seven Cores; and twenty-six other Implements	
		twenty-six other implements 54	
	II.	PORTSTEWART SITE.	
	12/- 62	Fifty Scrapers; twenty Cores; and thirty Flakes 100	20/- Willon
32/9	50/63	Two Axes of "Midden" type (one Ill. Jour. R. I. A.); ten Knives; five Pounders; and thirty-one other Implements, some good 48	
	7/-64	Five "steep-ended" Scrapers; another, with paleolithic patina; and	201- lor
	12 65	A series of Scrapers, of varied types about 150	Maylor 25/- Wilton
	66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; found on Dundrum Sandhills 57	101-

An interesting series of roughly chipped Implements of basalt, many of scraper form; found at Tievebullagh 30

Fourteen Implements, of quartzite; found at Maghera

69

Sixteen small Pebbles, found together at Portstewart; nine Cores

and twenty-six Flakes, from Dundrum; and fifteen others, some

6/- weble

from Portstewart 6	6
70 A group of Scrapers and Flakes, from the "black layer" at White Park Bay; and six Flakes of light weight, from Culbane a le	
71 Three tanged Knives; a chisel-ended Arrow Head; a Scraper	: 21-1- Mayl
a Hammer Stone of quartzite (Illustrated R. I. A., 1901); an	u
a number of other Implements; found on the sandhills at Nari	
	400
FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR	
CUSHENDALL, CO. ANTRIM.	
One hundred "Axes in the making"; and twenty spherical Hamme Stones, all of basalt	
A similar series	
50/-74 A similar series 2/16/- Hellon 12	
75 Another series 2/6/-	0
76 Another series 35 - White	0
77 Another series 2/6/- 12	0
78 Another series 2/4/- Kellet 12	0
79 Another series 2/6/- Fenton 12	0
50/80 Another series	0
50/81 Another series	0
30/82 Another series	0
Another series	0
56-84 One hundred unfinished Axes 4/54 Wilton 10	0
85 One hundred, similar 3/5/-	0
86 Another lot, similar 3 %- Fention 10	0
87 Another series 34/-	0
88 Another series 2/-/- willon 10	0
89 Another series 3 % 10	0
90 Another series 36/-1 10	0
20/91 Another series 32/ William 10	
30/92 A number of broken Axes; others "in the making"; a few flakes and some rather well-chipped examples of unfinished Axes, a	11 2/6/- Willion
in basalt 12	9

	20/-93	A series of Needles and other Bone Implements, chiefly found at White Park Bay; Bones of the Great Auk and the Gannet, also from White Park Bay	èr ·
	40/-94	Two perforated stag-horn Implements, rare; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; all found at White Park Bay	n
	95	Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, from Portstewart; Pottery Fragments, from Dundrum; and a small box of Teeth and Shells, from Narin	n
	96	A lump of Red Ochre, found at Culbane; a Celtic Bronze Pin, with decorated head, Portstewart; specimens of Mud, from Lisna-croghera Crannog; Red Paint, found at Portstewart; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, all from White Park Bay, an interesting lot a lot	m
	337_97	Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its flaked surface), from Larne and other localities 60	Cor
(26)	357- 9814	Sixty other similar Objects, same localities 60	
	237_99	Fourteen pick-shaped Implements: thirteen Flakes and five Cores, with palæolithic patina, from Larne, etc. 29	n
(20)-)	30/- 100	A similar lot 29	
0	ARR	OW HEADS & OTHER IMPLEMENTS OF FLINT,	
		FOUND IN COUNTIES DOWN AND ANTRIM.	
	101		100
	101	Sixteen very fine barbed Arrow Heads; and five others, with 4 1 indented bases, on three cards 21 2 1	
	102	Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, found at Ballinaloot, 8/5/rare, on six cards	be
	103	Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards	
	757-104	Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards	on

80/_ 105)		6/15/- Wilton
	good 92	8/10/ wilton
80/- 106	Ninety-five others, of varied types, on five cards, some fine 95	
70/_107	Eighty-eight others, similar, on five cards, some very fine 88	3/15)- Kellon
108	Fifty-seven others, of varied types, on five cards, some good 57	5/10/- Elker
109	Sixty-three others, some with polished faces, on five cards, a very good lot 63	7/5/-
110	Seventy-three others, some rare forms included, on six cards 73	6/15/- Wilton
111	Seventy-six others, varied, on five cards, some very fine 76	6/5/-
112	Fifty-three others, of varied types, some fine examples included, on five cards	51-1-Lawrence
40/- 113	Seven leaf-shaped Spear Heads, of early form; and fifty-eight others, varied, on five cards, some fine 65	7/10/- Hellon
40/-114	A fine Lance Head, 5 in. long, with both faces ground; five others; and fifty-eight specimens, of varied form, on five cards	5/-1-faurance
40/-115	An extremely interesting leaf-shaped Arrow Head, showing the scars of the shaft; a barbed specimen, mounted in a piece of an American bone shaft; a fine serrated Arrow Head; and fifty-nine others, on five cards, many fine specimens included 62	9/10/- appletion
50/116	Sixty-one varied examples of Arrow Heads, on five cards, some fine 61	5/10/- Hellon
757.117	Nine unusually fine lozenge-shaped Lance Heads, some of early form; and fifty-six others, of varied types, on five cards 65	7/-/-farvance
118	Sixty-nine selected examples of Arrow and Lance Heads, some extremely fine lozenge and other forms included, on five cards 69	10/-1- naylor
119	Nine good lozenge-shaped Lance Heads, some partly ground; and sixty-nine others, of varied types, on five cards 78	5/18/ Jamanie
120	An extremely fine leaf-shaped Lance Head (used in curing cows); and eight others, all fine, on one card 9 ** The "elf dart," or arrow, was popularly credited in Ireland with having the power to cure sick cattle. (See Evans' Ancient Stone Implements, second edition, p. 365).	101-1- Maylor
121	A lozenge-shaped Lance Head, in dark flint, having a light-coloured scar in the centre of the blade, 3\frac{1}{4} in. long, found in Craig Bog (see Jour. Soc. Ant. of Scotland, vol. XLIII, fig. 3, p. 280);	25/-1- Januance

	-	chart and the second se	
	Lot	121—continued.	
	30	another of more slender form, with a similar scar (also illu trated); and two others, with scars; all found in Co. Antrin	
		on one card	4
		** The interesting missiles showing the scar of the original arrow	w
		shaft, are of the highest rarity.	
	122	Portion of the wooden Shaft of an arrow head, with the original binding of sinew, found in Kanes Town Bog, also of the highest rarity (see Jour. Anth. Inst., vol. XXXIII, p. 55)	
	123	A leaf-shaped Lance Head, showing scars of the shaft, 3 in. long	1. 1-1-1
		found at Curncarney, near Kells; and another of broad lozeng form, with similar scar, also of great rarity	
311-	124	Two others of javelin head type; and two smaller specimens, a	1 6/id-
29-		showing similar scars; Co. Antrim	1 7
50/-	_125	A coarsely chipped lozenge-shaped Flint used for curing cattle; from Craigbally (see previous note); and two small Arrow Heads	n 6/15/-
. 357-	126	Twenty-five selected Arrow Heads of varied types, all very fine 2	5 3/5/-6/dm
201	127	A similar lot 4// Jaurence 2:	701 00000
20/-	127A	A similar lot 5/1- Fenton 21	5
-	128	A similar lot 6/-/-	5
	129	A similar lot 5/10/-	5
	130	A similar lot 6/-/- Elder 2	5
	131	A similar lot 4/15/- Fenton 2	5
	132	A similar lot 4/10/- 2	5
	133	A similar lot 4/5/- Maylor 2	5
36/-	-134	An unusually fine kite-shaped Lance Head, with extremely delicat	e ast-1-
	37	chipping, and remains of polishing on the two faces, 6 in. long found in peat between Bellaghy and Castle Dawson [Pl. 1]	Belfast
257	135	Another, with strong angular projections towards the base, chippe only (repaired), 5\frac{1}{4} in. long, found at Glenleslie [Pl. 1]; and	1-1×1 = 1 ==
		finely chipped lozenge-shaped Lance Head, 4 in. long, found a Ballyvady	2
257	136	Another, in grey flint, most delicately flaked, with polish on bot faces, 5\(\frac{7}{3}\) in. long; found at Tyhorney [Pl. 1]	h 25/-/-
		*** Both Nos. 134 and 136 are illustrated in Jour. Anth. Inst., ver	1.
		XXXIII, pl. xi.	

20 137	A finely chipped Knife, 3\frac{3}{4} in.; three "Points à cran" of Solutré type; nine Arrow Heads; two other Knives; four other Implements found at Porteterant and Changements a leef change	
	ments, found at Portstewart and Grangemore; a leaf-shaped Lance Head; and a leaf-shaped Blade, 35 in. long, found at Watercloney, both fine	3/43/1
352 138	An interesting series of seventy leaf-shaped Arrow Heads; Co.	21-1- Elder
	Antrim 70	
139	A similar series 69	3/5/- Eller
140	Another series 70	3/15/- Eller
141	A similar lot 70	4-1-
142	A similar series 70	4-1-11
143	A similar lot	3/10/- Laurane
144	A similar lot, some fine 70	3) 15/2 Elder
145	A similar lot, some fine 70	2/10/-
60/146)	Another series, chiefly of the barbed and indented types, some	4/10/- wilton
400	fine 70	
50/147	Another series, similar 5/-/- Eller 70	
148	Another lot, similar 4/5/- maylor 70	
149	Another lot, similar 2 15 - 12 ellor 70	
150	Another lot, similar 3/10/-	
151	Another lot, similar 4/- Glder 70	
152	Another lot, similar 4 - willon 70	
153	Another series of selected varied types 3/15/- Fenton 70	
154	A similar series 4/5/-	
50/-155	A similar series, very good 4/-/- Lawrance 70	
156	A similar lot, including a tiny example, all good 3/15/- 70	
157	A similar lot, all good 3/5/-	
158	· · · · · · · · · · · · · · · · · · ·	
159	To the state of th	
	the same person in the same of the same of the same of the same of	
160		
161	Another series, several serrated 3/15/ Fenton 70	
162	Another series, some very fine 4/07-	
163	Another series 3 -1 - 70	
164	Another series, some fine 3/157- 70	

	165	Another series, some fine	70	de ,
	166	Another series, many fine, including a fine lozenge-shaped Arr	row	4/15/-
		Head	70	1 1
	167	A similar series, some very fine	70	3/10/-
	168	Another lot, chiefly of leaf form, some very fine	70	3/5/- "
	169	Another series, some very fine	70	3/5/- 14
	170	Another series, including many barbed varieties	70	3/5/- 11
	171	An interesting series, including a lozenge-shaped Lance Head unusual size, and some rarer varieties of Arrow Heads	of 70	3/15/-
121	170	Another lot, including many fine barbed specimens	70	3/15/-
09	172	Another lot, some fine Lance Heads included 3/10/-	70	wilton
	173 174	Another series, including many varieties 3/5/-	70	naylore
		Another lot, varied types, some very fine	70	Jaurenes
	175	Eighty-seven leaf-shaped Arrow Heads of varied types	87	Fanton
	176	-leur	87	,
	177	Another lot, similar	-	alinto
50/	178	An interesting series of leaf-shaped, indented and partly finis Arrow Heads; Co. Antrim	114	wilton
	179	Another series of Arrow Heads of varied forms, some of rich	red	10/-/-
		colour, others made of basalt (?), many of them beautifully chip all with Antrim localities	ped; 70	avilton
	180	Another series of varied forms; found at Culbane	50	2/15/-
	181	A lot of fifty-three Knives, Spears and Arrow Heads, some in	pro-	3/-/-
	07	cess of manufacture	53	11
	182	Another series of Spear Heads, showing various stages of m	anu-	2/15/-
		facture	66	witton
	183	A large series of Spear and Arrow Heads, tanged and barbed, leaf-shaped; found in the Bann	and 115	3/5/- lor
20/	_184	A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ in. long; another of loz form, $3\frac{3}{4}$ in. long; a Knife, with grinding on one face; and e	enge eight	7/5/-
		others; all from Antrim, a good lot	11	Jenson
	185	Another lot, similar	20	4/5/- 11
	186	A similar lot	27	2/15/-
	187	A similar lot, some fine examples included	21	2/15/-
	188	Another lot, similar	37	2/5/-

	Tirst Duy	
53/_189	A Spear Head, of elongated kite form, well chipped, of unusually large size, 7½ in.; found at Carndoo (Ill. Jour. Anth. Inst., vol. XXXIII, pl. VIII) [Pl. 1]	Belfast museum
257-190	Implement, of broad leaf form, well chipped, 6% in. long; found at Brougham (perhaps an unfinished axe), interesting	8/10/- 11
191	Twenty very fine chipped Knives, of varied form 20	3/-/- Elder
192	A similar lot 20	3/15/- 12
193	Another lot, very fine	3/10/- Lawrence
194	A selection of leaf-shaped Knives; tanged examples; and Borers, all good 40	3/5/- Elder
195	A similar lot	2/15/-
196	A similar lot	2/5/- Kellor
197	A similar lot	n 51-
198	A similar lot 40	2 yno wilton
199	A similar lot	387 - Laurance
200	A similar lot	351- Hellor
201	A similar lot	201-
202	Fifteen unusually fine leaf-shaped Knives; and six unfinished Knives or Spear Heads, on two cards	3/15/- wilton
80/_203	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives, on two cards	4/15/- Willon
45/- 204	Another series, varied, on four cards 36	3/15/- 11
50/ 205	A fine serrated leaf-shaped Knife; twenty-one others; and twelve tanged Knives, on three cards	3/10/- 11
206	Another series, assorted 50	2/51 - Maylor
207	A similar lot 50	35/-
208	Twenty selected examples of Knives 20	35/-
209	A similar lot 20	2/-/-
210	A similar lot 20	351- Hellon
211	A similar lot 20	21-1- wilton
212	A similar lot 20	31-1 - wilton 301 - Lawrence
213	Seventeen fine Knives; three very fine tanged examples; and seven very fine Borers 27	2/12/6 wilton

2639 H2

214	A Knife, of chipped flint, with rounded sides and square end, of unusually fine workmanship, $3\frac{7}{8}$ in. by $3\frac{1}{4}$ in.; found in Carrick Bog, extremely rare [Pl. I]	
215	Another, of similar form, with ground surface, $3\frac{1}{8}$ in. by $3\frac{1}{8}$ in., Glenish; and part of another, also rare	
50 -216	Another, similar, of good form, partly polished, with one side straight, 23 in.; and another, smaller; both from Glenleslie 2	引し
30/217	Another, with semi-circular cutting edge and well ground surface, $2\frac{1}{2}$ in. by $2\frac{1}{2}$ in., from Glarryford; and another, equally fine, from Glenbush [Pl. 1]	101-
218	Three ground Knives, of unusual type, from Culbane and Port- glenone, also rare	5/15/
50/219	Four others, in good condition, Portglenone and Kilrea, also rare 4	5/15/-
50/220	Another, of discoidal form, well chipped, 2½ in. diam., Rathkenny; and four others	3/10/-
221	A leaf-shaped Lance or Knife; six Knives, some ground; and a large Scraper 8	301-
222	Forty leaf-shaped Knives, many good specimens included 40	2
223	A similar lot	34/-
224	A similar lot	2/-
225	Forty others, similar 40	2400
226	A similar lot 40	30/-

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

LOT		111
227	Twenty very fine leaf-shaped Knives 20	24/- Januare
228	Twenty similar 20	201- "
229	Another lot of Knives, also fine 26	18/- "
257_230	A large series of Scrapers; from the Sandhills at Dundrum about 350	301-King
207_231	Thirty good Scrapers, Culbane; and over one hundred others, found at Dundrum about 130	28/- 1
40 -232	A hoard of fine Scrapers, of varied types; found in Carriff Bog 70	5/-/- opaylor
30 (-233)	Another hoard; from Tullynahinion 60	3/x5/- Hanning
60/-234	A similar find; from Carriff Bog 40	4-1- maylor
20(-235)	A large number of Scrapers; found at Glenleslie and other locali- ties a lot	3/5/- Wilton
20/-236	A similar series a lot	2/18/-
237	Forty selected Scrapers, all fine 40	20/-
238	Another series, equally good 40	24- Heller
40 239	Thirteen hollow Scrapers; a Knife; three others, found at Three Towns Braid; sixteen hollow Scrapers, found under a stone at Glenhead; and eight Implements, from Maghery, an interesting lot, in three boxes 41	51-1- raylor.
67 240	Sixty-five hollow Scrapers, with semi-circular notch in the blade (some serrated), probably used for smoothing arrow shafts and bone pins 65	
241	About 260 small Scrapers; all found in Ireland	2/16/- Keller
242	A hoard of 138 Scrapers; found together at foot of a peat bank at Glenhead, 1911	6/10/- Maylor
243	A series of Scrapers, some circular, others hollow, some of button form, and others; Cullybackey, and other localities, on ten cards 131	5/15/-

	244	Five fine ochreous Scrapers, found together near Connor; and others, found at Dunboy	d five 34/-
	245	A hoard of seventeen fine Scrapers; found together in a hold bog at Beggarstown	e in a 34/-
	246	An interesting series of hollow Scrapers, some serrated	50 36/-
	247	A similar lot	50,201-
	248	Another lot, equally good 20/2 wilton	50
	249	Another lot, equally good 2013 willow Another lot 261- Elder	50
	250		50
	251	A similar series Another lot, similar 18 - Laurance	50
	251A	Another lot, similar	50
	252	Another lot, similar Another series 201- Belfast inguseur 201- Fenton	50
	253	Fifty others 201- Fenton	50
	254	Fifty others Fifty others Fifty others Fifty others 201- 4 dellor 201- 4 dellor	50
	255	Fifty others 2 of Hellor	50
	256	Fifty others	50
	257		50
	258	Fifty others Fifty others Fifty others 18 - Lellor	50
	259	Fifty others 181- Hellor	50
	260	Fifty others 201- Fonton	50
	261	Fifty others	50
	262	Fifty others 16/- Fenton	50
(4)	263	Fifty others; two other Scrapers; a Knife; and two Flakes	55 18/-
(31)	86/-264 x	Fifty-two tanged Knives of flint	52
	40 265	Thirteen barbed Arrow Heads; and thirty-seven others, of v types, all good examples	aried 2 8 - 1
	30 -266	A similar varied series 244 willon	50
	36 -267	Another lot, similar	50
	30 - 268	A similar series 2/18/- Clement	50
	20/- 269	A smaller series 2/8/ Fonton	_ 36
	30/-270	Another series, including many barbed varieties 2/10/-	40
- (-15)	757-271 x	Thirty tanged Knives, some good	30
301			

			70	
	20 272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Bores a Knife; and a dumbbell-shaped stone object; all found		24/ Hellor
			20	
	273	Thirty good Flakes, many of them used as saws, all with localities	30	16 - 01/4
	274	A similar series	30	14/- wilton
	30/275	A fine leaf-shaped Knife with serrated edge; a combined Saw a Scraper; and twenty-two good Flakes, some used as saws	and 24	34 - wilton
(-)	276	Twenty-six Knives and other Implements, found in the River Ba several very fine; and three chipped Axes, Glenleslie and Cush dall		30/-
101	80 (277) x	A finely formed stone Disc with sharp edges; and seventeen other similar, with flattened sides, many from Ballymena, an interest lot		
	277A	Twenty slug-shaped Knives; and twenty-five tanged Knives	45	321-
	278	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives	50	2/6/7 willon
	279	Another lot, similar	50	28/- Elder
	280	A similar lot	50	301-wilton
	281	A similar lot	50	28/- Hellor
	282	Fifty tanged Knives of flint	50	28/- 2066
	283	A similar lot	50	24/- 11
	284	Another lot, similar	50	24- 11
	285	A similar lot	50	26 - 6 lder
	286	A similar lot	50	201-2016
	287	A similar lot	50	281- willon
	288	Twenty-one small flint Borers; Culbane	21	2/8/ Mayor
	289	Thirty-three pigmy Implements; Culbane, rare	33	2/16/- 11
	40 290	Twenty Borers and Pigmies; Culbane and other localities	20	3/-/- 11
	40 291	Thirty-four Pigmies of varied types; Culbane	34	3/10/- 11
	357-292	Nine Pigmies (all figured in the Journal of the R. I. A., vol. XX pl. 13)	XX,	2/-/- naylor
39/3)	40 293 x	Nine fine tanged flint Flakes or Spear Heads; from Cos. Antrim Derry, on card	and 9	11 11
	40 294	Eleven fine Knives; and sixteen good Borers, from the same locality	ties;	2/5/- Lellou
	10	on two cards B 2	27	

(1)	Second	l Day 20	
(36)	40/295 ×	Sixteen triangular Knives; and Fifteen very fine Borers; Antrim and Derry; on two eards	Cos. 31
	40 296	Twenty good tanged Knives; and thirteen tanged Flakes and Knifrom the same localities 216 with	ives; 33
(2)	40/297 x	Two unusually good oval Knives; two Implements of unusual for small polished Axe, from Craigs; and three small polished A found together in the Bann	
	40 298	Four unusually fine Saws, rare; four worked Flakes; and nine finished Spear Heads; on two cards 2/15	
	299	Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; for in Co. Antrim; on card	und 13
	300	A large series of Flint Scrapers; from various Irish localities	2/-/-
	301	A similar series 3/1 Wilton about Another series 32/2 Rellor about A similar series 32/2 Lawrunce about	
	302	Another series 38/- Kellor about	300
	303	A similar series 32/- Laurume about	300
	304	A similar series 28/- Hellor about	200
	305	A number of Cores of varied types ; found at Culbane 24/	-75 webe
	306	An interesting series of small Flakes, same locality about	210 12 - 11
	307	A large series of Flakes, including a number with secondary c ping; found at Clough and other localities about	
	308	Six Flakes, found in a fort at Kells; and five good Saws, f various localities, rare	rom 4/10/-
(3)	309	A Saw, found at Kanestown (Ill. Jour. R. I. A.); and fourt others	teen 16 -
11	30 -310 x	Eleven Saws, some doubtful	11
(P)	20/31D/x	A similar lot	11
-	20 312	A series of chipped Axes, Scrapers and other Implements; found Tievebullagh	37 Elder
replace of	30/313	A series of about two-hundred-and-twenty small Flakes; found Culbane	
	20 - 314	Another series of 100 larger Flakes, some with secondary chipper at the point, Culbane	ping 26/-
	20/315	Twenty-eight triangular Flakes, found together at Mosside; six other Flakes, unusually good	and 28)-

	100000000000000000000000000000000000000			The second second second
===	316	Forty-seven Arrow Heads; a Knife; and three Flakes; some daubtful antiquity	of 51	1.6
	317	Fifty flint Knives; from various localities	50 /	14-
	318			14]-
	319	A similar series	0	201- Elder
	320	A similar lot		14-
	321	Sixty-three others	63	18/- Laurame
	322	Two-hundred flint Scrapers of varied types 2	00	2/8/- 12
	323	A similar lot	00	30/ Kellor
	324	Another lot, similar	00	32/- 11
	325	A similar lot	00	301- 11
	326	A similar lot	00	21-1- Willon
	327	Forty Cores; and nineteen worked flint Flakes, some good	59	2 ym webb
	328	Thirty-five Flint and other Implements, some of cave forms (inc ding a few from Somaliland for comparison), on four cards; interesting lot		2/4/- Naylor
	329	Twenty well chipped flint Implements, suggesting the Moust point, various localities	ier 20	181- Luwrane
	330	A similar lot	20	16/- weble
	331	A similar lot	20	24/- 11
	332	A similar lot	20	16/= 1201/=
	333	Five fine Points; and eighty-nine Scrapers of varied types	94	2/8/7 willow
	334	Five tiny Borers; thirteen pigmy Implements; and thirty-nine to Flakes; from Castlerock and Portstewart, Co. Donegal	57	2/8/2 willon
(III)	335	Three tiny Borers, Castlerock; four tiny Scrapers, Bundoran; for others, Dundrum; and a number of tiny Flakes, various lo lities	ca- lot	101-
5m)	357-(336)	Seventy flint Scrapers, of selected types	70	
1-	337	A similar lot	70	20/-
199	338	A similar lot	70	24- Hellor
~	339	A similar lot	70	18 - Janvance
24/	40/340	Sixty-five others, many of them with deep notches in the outli from White Park Bay and other localities	ne ; 65	

341	A series of fifty fine Scrap	ers, including two of unusual size	50 3 yns
342	Another series, some fine A similar series	30/- Hellor	100
343	A similar series	201-webl	100
344	Another series	22/- 11	100
345	Another series	18/ Lawrence	100
346	Another series	14- 11,	100
347	A similar series	22/- with	110
348	A similar series	20/- 11	110

STONE AXES AND HAMMERS.

		DECEMBER 1111 1111 1111 1111 1111 1111 1111 1
		FOUND IN COUNTIES ANTRIM AND DERRY.
	50/-349	A well polished Axe, of diorite, $6\frac{1}{8}$ in., Culbane; another, in basalt, highly polished, 6 in., Bushmills; and five others; a good lot 7
(1)	56/- 350	A well formed Axe, of rounded section and slightly flattened sides, 6\(\frac{1}{4}\) in., Antrim; another, of broad form, with expanding edge, 6\(\frac{1}{4}\) in., Coleraine, very fine; and four others
341	50/351 x	A large Axe, $9\frac{1}{2}$ in., Bann; another, $6\frac{7}{8}$ in., Kanestown; and seven others
	66 - 352	A good Axe, of broad form, of diorite, $6\frac{1}{4}$ in., Cushendall; an adze, of basalt, rare; an Axe, of light stone, with flattened sides, $6\frac{3}{4}$ in.; and six others
	353	A small Axe, found near Cullybackey on a grinding-stone; another, 2/8/suggesting the early form of bronze axe, $3\frac{3}{4}$ in.; and seven others
	354	A finely ground polished Axe, of basalt, with narrow cutting edge, 8 in., found near Kilrea; another, in basalt, of good broad type, 7\frac{1}{4} in., Braid; and seven others
	355	A well formed polished Axe, of diorite, $5\frac{1}{2}$ in., Forks Bridge; three others, of fine quality; and five others, of varied types
	356	An Axe, in basalt, with flattened sides, 5 in., Portglenone; another, of almond form, Glarryford, rare; and ten others
	357	A small Implement, with gouge-like edge, rare; another, of oval outline, Ballycarry; and ten others
	358	A basalt Axe, of good form, $6\frac{1}{2}$ in., Lavin Bog; a very fine example, with oval section, $7\frac{3}{4}$ in., Watercloney; and five others, all good 7 3

(1)	40/359	Another, in basalt, with oblique cutting edge, $6\frac{1}{4}$ in., Carncastle; a narrow example in light stone with pointed butt, $7\frac{1}{2}$ in., Ballymoney; and five others; all good	2/10/-
2-1	70/360 ×	Twenty-one polished stone Axes, from various localities, some good 21	
645	60 361 x	A similar lot 21	
351	33,362	A well formed Axe, in brown stone, 4 in., found on the shore of the $Bann$; another, in basalt, well polished, $4\frac{7}{8}$ in., $Rathlin$; and ten other Axes, of small size; all good examples	3/5/-Charlton
	363	Twenty-one Axes, of varied types 21	2 yns Elder
	364	A similar lot 22	2/10/- weble
	365	Seventeen others, some good 17	22/- 200
	366	A very fine polished Axe, of basalt, with broad cutting edge, $7\frac{5}{8}$ in., found at Six Towns, Co. Tyrone; five others, of similar type; and an Adze, with pointed butt, found in the Bann near Portglenone; all unusual forms, very fine	7/10/- naylor
	367	Another, in basalt, with broad cutting edge, $5\frac{1}{2}$ in., fine; an example in hone-stone (?), with flattened sides, $4\frac{1}{2}$ in. long, Kilkenny; and five others; all good specimens	3/5/- Hellor
	368	A large Adze, in basalt, partly polished, 10 ¹ / ₄ in., from the Buick coll.; an Axe, in diorite with roughened butt, Glarryford, rare; a curious Axe, of oval form; and four others of good size, a fine lot, and all marked with localities	5 yns naylor
	369	A finely polished basalt Axe, of narrow type, $7\frac{1}{2}$ in., Carnstrone; another, in light stone, with flat sides and pointed butt, 7 in. long, Kilrea; another, of broader form, 8 in., Dungiven; a re-chipped basalt Axe; and three others; a good lot	3/-1- Elder
	6, 370	An unusually fine Axe, in black stone, of oval section and somewhat pointed butt, 11 in. long, found at Baltee; and an unusually heavy and thick Axe, of diorite with ovoid outline, 10½ in. long, found near Cushendall	7/10/- naylor
	657_371	A finely polished Adze-like Implement with flat sides, $7\frac{1}{2}$ in. long, found near Kilrea; another, with unusually broad cutting edge and incurved sides (probably of the early bronze age), 7 in. long, found near Randalstown; and two others	3/15/- Hellor
(%)	601-372)x	A finely formed basalt Axe, with unusually high polish, 8 in. long; another, of good form, 8 in. long, found at Magharabane; and two others, smaller; all good	

	9.	373	An unusually large and fine Axe, of polished basalt, with brocutting edge, the sides tapering towards the butt, and of or section; found near Coleraine (see Ulster Journal of Archwolog vol. IX, page 7, 1903) [Pl. II]	val
	8.	374	An interesting Adze, in basalt, chipped into form and curious "humped" towards the centre of one face, and tapering gradua to either end, 14½ in. long; found at Clougheen (see same pul cation, 1906, plate 32, figs. 3 and 3A) [Pl. II]	lly
		375	Another, in brown stone, with broad cutting edge and sligh tapering sides, one face more curved than the other, 12½ in. lon found at Ballycarry, fine and rare [Pl. II] 8/5/- May	doi
		376	Another, with narrow butt and rounded cutting edge, 9½ in. lor found at Armoy; another, 8½ in., found at the foot of Slievegalled another, from Glenwherry; and another, 8½ in. long; all go specimens	
	7.	377	A roughly chipped Axe, of basalt, with sharp sides, 13 in.; fou at Armoy (see Ulster Journal of Archaeology, 1903, vol. I. page 7) [Pl. II]	nd X,
(3/2)	5.	(378) ₄	A well formed Axe, of basalt (?), with rounded sides and point butt, 12 in. long, found at Culbane	ed 1
00	8.	379) ×	An Axe, of curved form, in light stone, 14 in. long, with interesti label; and six other large examples, some of doubtful antiquity	ng 7
(31)		380	m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12
		381		20 3/-/-
		382	A similar - 1 - 9 - 1 - 1	20
		383	Another selected series 3/15/-	20
		384	A similar lot	20
		385	A series of twelve Axes; and four Adzes 3/5/- "	16
		386	A selected series of twenty Axes 3/12/6 11	20
		387	Another series 3/15/- Hellor	20
		388	A similar lot 3/18/- Elder	20
	1.7	389	A similar lot 3/7- wilton	The same of the sa
	621	390	An Adze, of chipped basalt; a Gouge; four Axes, with point butts; and three others; all good	red 3/-/-
	701	-391	Another series of twenty Axes 3/15/-	20

(0)15/-)		25	Second Day	
2	70 392 8	Another series, including several of narrow fo	rm 20	
(18)	70-393	Another good series, of varied form	20	
(3/10)	394	A similar series 3/10/- Wilton		
37	70 895	Two Adzes, in polished basalt; a curious "S material; a well-formed Axe, in light stone, another, with oblique cutting edge; a Go and four other Axes, all good	with flattened sides ;	
4/10/	12.396	An unusually broad Axe, in basalt, 84 in. long, two others, of large size; another, with ol others, smaller	found near Coleraine; blique edge; and two	
	86/397	An unusually flat Axe, $5\frac{1}{8}$ in. long, from Long with chipped sides, and ground edge and unglenone; an unusually narrow Axe, of citiong, Glenisla; a curious Axe, of oval outline a well-finished Adze, Clough; and four other	nder face, from Port- rcular section, $5\frac{1}{2}$ in. ine, with sharp sides;	4/10/- Naylor
	398	A Chisel, in basalt, $3\frac{1}{2}$ in. long; an Axe, in light at the side, $6\frac{1}{4}$ in. long, rare; a curious ba one face and ground on the other; and nine	salt Axe, chipped on	2/15/- webb
	399	A well-shaped Adze, in basalt, with pointed b Gouges, rare; and nine Axes, of varied type		2/12/- 11
	400	Four narrow Axes or Chisels; three Adzes; ar good lot	nd seven Axes, a very	3/-1- well
	401	Four Adzes; and nine Axes, all good	13	3+15/- n
	402	An Adze, of narrow form, in grey stone, Pounusually good Adzes; two Chisels; and eight		24/2/6 11
	701-103	Five Adzes; a good Chisel; and seven Axes,	also very good 13	14/-/-
(12)-)	86/404/4	Forty Axes, in various materials, some of doub	otful antiquity 40	
765	601-(405) x	Twenty-one small Axes, some doubtful	21	
(41-)	757-406) x	A curious broad Axe, with chipped butt; a Glenish; and twelve Axes, a good lot	Burnisher, found at 14	
(2/10)-	80 100 x	Twenty Axes, of good type, from various local	lities 20	
900	80 408	Twenty-four stone Axes, of curiously light weig found in the Bann	ght (perhaps models);	4/51- Hellon
2/10/3	80 409	A series of twenty Axes, of varied types	20	
3	76/10/x	A similar lot	20	

	411	An Adze, with pointed butt; a chipped Axe, with similar butt and ten Axes, various 3 m 2 1	2
	412	A small Adze, with curved cutting edge; three others, larger, good form; and twelve Axes, also good 3/15/	of of
	413	A large series of polished Axes, some interesting examples included 6	10 20 160n
	414	Three Axes, with grooves ("tracks") on the face; a curious Knif like Object, polished on one face; a good Adze; half a we chipped Axe, of basalt; and four others, all of interest	10 Kellor
	66/-415	A well-formed Axe, with roughened butt; a roughly-chipped Ax in basalt; two Adzes; and eight Axes, a good lot	re. 3/5/
(2017)	5, 416 x	A Box, containing a large quantity of stone Axes, some in proce of manufacture, and some of doubtful antiquity, an interesti- lot	ng 50
31-1-)	837 417 x	Twenty-five polished Axes, of various types and materials, ma good specimens included	ny 25
(Flato	757-418 /x	A similar lot	25
3/15/	237 419 x	Another series	25
73/15/-	(57 420)	A similar lot 3/10/- Elder	25
~	257 (421) *	A similar lot	25
(31-1-)	422	Tou bounda mired or made	10 2000
· ·	423	Twenty others, of good type 351-Webb	20
	424	Fifteen others, of varied type 24ms with	15
	425	Twenty-two others 2/10/- "	22
	426	A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, rare; a Burnisher; a curious Axe, with depressions at si and a bored hollow on one face, rare; and nine other steepers.	des
		Implements, all of interest	14
	427	A Chisel, in basalt, of good form, 5 in. long; five Adzes; a Enisher; a chipped Chisel, in basalt; a stone Pendant; and sixt others, an interesting lot	Bur- 57-/- een 25
	80 428	An interesting series of Burnishers, in varied material 7/67-	-10 Maylo
	8d 4291	A similar series, including one with finger depressions on the faces	104/19-
(3/10/-)	901.430)	Three Adzes; a Gouge; and twenty-one polished Axes, some a good	

				a ne thon
	431	Twenty-five polished Axes, some very good, and of unusual form	25	3 ym Char
	432	A similar lot	25	3/-/- 4//-
	433	A similar lot	25	3/5/- 2000
	434	A similar lot	25	3/5/- 1000
	435	A similar lot	25	2/18/-6/100
	436	A similar lot	25	2/15/- well
	437	A similar lot	25	2/18/- "
	438	A similar lot	25	2/18/- 11
	60 439	A similar lot 3/7/6 Maylor	25	
	601-440	A similar lot 3/5/- Glder	25	
(m)-)	1601-411×	Twenty polished Axes; and five others, of unusually small size	25	
171	757-442 4	A similar series	25	
131)	657_443	A similar series 3 5	25	
	757-444	A similar series 4-1- Hellow	25	
3/5/-)	601445 x	A similar series	25	
111	58 446	A similar series 3/-/- Januare	25	
	30 [-447]	A similar series 3/1/ Hellow	25	
	50-448	A similar series	25	
		July Familian		

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

LOT	- , ,
30/_ 419	A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ in. long; and another, of same general form, with truncated butt, $7\frac{1}{2}$ in. long, found together at Clogher, both very fine, and rare in this material [Pl. 1]
70 450	Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, 7\frac{3}{4} in. long (illustrated in R. S. A. I., vol. III, part 11); and another, of lozenge section, also extremely well-chipped, 6\frac{3}{4} in. long, found at Forked Bridge [Pl. 1] 2
657_451	A well-chipped flint Adze, 6% in. long; an Axe, with ground cutting 3 edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, a good lot 5
60/-452]	A well-formed broad Chisel, with ground edge, 6½ in., found at 455- Maghera; and another, with extremely fine chipping, 6¾ in., found at Cruckin [Pl. 1]
453	A polished flint Axe, 5% in. long, Donegore; and four others, all 3/5/- with localities, all good specimens 5
454	An unfinished Axe, in flint; another Axe, well-chipped (see 4/5/- R. S. A. I., vol. III, part 2, page 126, fig. 20); and four others, all with localities
455	A partly-polished flint Axe, of narrow form, $5\frac{1}{4}$ in. long, found near Clough; five others, all with localities; an Adze, Ballintoy, rare; and a Flake, with ground surface
456	A well-formed Flint Pick or Chisel, 5% in. long, found at Glenariffe; woll-
457	Three similar flint Picks; and seven chipped flint Axes, all with 4/12/- localities 10 maylor
458	Four smaller flint Picks; a curious notched Implement, in basalt; 25 and seven chipped flint Axes
459	An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, found near Cookstown, very rare

		460	A well-formed Axe, with ground edge, $4\frac{7}{8}$ in. long; an unusually good Pick, found at Galgou; and four others, all good examples 6	3/-/-
		461	An unfinished Axe, of flint, found at Dungarvey; a partly-polished Chisel, of good form, $5\frac{3}{8}$ in. long, Cloughmills; a well-chipped pointed Implement, $4\frac{7}{8}$ in. long, Glenish; an Axe, with straight sides, ground at the edge only; and three others, with localities marked	351- Keller
		462	A well-formed flint Chisel, $3\frac{1}{8}$ in. long; a narrow Axe, of good form, $4\frac{3}{4}$ in. long, from Glenleslie; a partly-polished Axe, $5\frac{1}{2}$ in., from Kells; and six others, all good specimens, with localities 9	2/18/-
		463	Two flint Adzes, rare; a Chisel with ground edge; and six others, chipped into form, of small size	2/15/ - Hellor
		464	A finely formed flint Axe, with straight sides and ground edge, found at Armoy; another, ground all over, with pointed butt, Culbane; another, smaller, Glenleslie; one of rich red brown colour, from Three Towns; and three others, all with localities 7	3/5/-
		465	A well formed Chisel, from Castlegore; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27	
2/15/)	466	An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, and found in Co. Antrim, an interesting and unusual lot 7	30- Hellor
/	30/-	467 ×	Twenty Axes; and five small Axes or Chisels, all of basalt 25	
1	40/-	468	A similar lot 2/10/- Elder . 25	
	40/-	469	A similar lot 2/14/- 25	
	40/-	470	A similar lot 2/8/- Coshella 25	
	40/-	471	A similar lot 24no Willon 25	
	-	472	A similar lot 30/- Wilton 25	
		473	A similar lot 34 - Wilton 25	
		474	Fifteen polished Axes; and ten smaller Axes or Chisels 25	28/-
		475	A large number of Axes of varied forms, many made of shale and some of doubtful antiquity 50	12/-wilton
-	40/-	476	Four basalt Adzes; four Chisels; and eleven polished Axes of various sizes, a good lot	2/8/ - wilton
(2)	80/-	477 x	Twenty Chisels of varied sizes, all of good quality * 20	
1	737-6	478 4	A similar lot 20	
1	757	179	A similar lot 4/-1- Wilton 20	
1	Strangeroom	-		

	480	A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-shaped Knife of basalt, a good lot 3	
	482	An Adze of New Zealand type, said to have been found at Culbane; and nine Irish Axes, some good, marked with localities 2 10 10 A similar lot	
		A curious Polishing Stone of chert, found at Culbane; a roughly chipped Axe in basalt, from Coleraine; an Axe of diorite, with oblique edge; and seven other Axes of varied types	
	484	A very fine polished Axe of basalt, 7\frac{3}{8} in. long, found at Crommelin; another, 6 in. long, from Magherabone; a smaller example, from Glenhead; an Adze, Ballyscullion; and two other Axes	
	86/_485	A massive Axe of grey coloured stone, $8\frac{1}{2}$ in, long, found near Kilrea; another of basalt, with oblique cutting edge, 8 in. long, from Glenhead; and four others	vino
	857 486	An Axe of sandstone, $10\frac{1}{2}$ in. long, from Glenravel; another in 4 basalt, $8\frac{1}{2}$ in. long, Coleraine; and four others, all good speci-	115/-
(H)		An Adze of basalt, $8\frac{1}{2}$ in. long, found at Clough Mills; another, well-polished, with oblique cutting edge, $7\frac{3}{4}$ in. long; and three others, all good	
21-1-)	70-488 v	A small Adze in basalt; and nine Chisels, all good examples 10	
3//	660 [-489]	A similar lot, also good 2/10/- Elder 10	
	257-490	Another lot, also good 2	
(III)	50/-(491) x	Another lot, some good	
217	50/ 492	Two "waisted" Axes; and sixteen small Axes, some doubtful, from Culbane	
(25/-)	493	A similar lot; from Culbane 25/- webb 22	
0	494	Twenty Whetstones of varied forms and periods (some prehistoric), on two cards	
	495	Fifteen polished Chisels; found in Co. Antrim, on card, all good specimens 8 5 - Marylor 15	
	496	Sixteen small Axes or Chisels of basalt, on card, also good ex- amples 3/8/- Willow 16	
	497	Six Sharpening Stones, of early type, on eard; and six Whetstones, of later date 32 - Webb.	

		Third Day
	757-198	A very fine Archer's Bracer, in honestone, with two perforations at either end, 5 in. long, of the early bronze age, extremely rare; 13/10/ maylor and fourteen smaller stone Bracers and Whetstones, on card, a
	50-499	good lot Six stone Objects, probably Bracers, of the bronze age; and nine 3/-/- willow
		other stone Objects
	767- 500	A Whetstone or Ornament, with incised strap and other ornament on either side; a button-like Object, both curious; a Stone Burnisher of conical form, probably Neolithic; four early stone Pendants; and nine Burnishers or Whetstones, some of the pre-
		historic period 16
-1-	86/-501	Thirty Whetstones, of various periods, some good 30 4/10/- Fenton
10/	80 502 X	Thirty-seven others; a Cast of a rare Whetstone; and an 18th century Wig Curler 39
8.	8.503	A collection of Irish stone Spindle Whorls; and a few stone Beads, some decorated, on four cards; a few American Examples included for comparison, a very interesting lot 78
	504	Thirty stone Spindle Whorls, chiefly of the prehistoric period 30 4/15/- naylow
	505	A similar lot 3/5/- wille 30
	506	Another lot, similar 3/5/- Kellon 30
	507	A similar lot 3/5/- with 30
	508	A similar lot 3/5/- Fenton 30
	509	A Spindle Whorl, made from a piece of petrified wood, curious; 3/10/- with five decorated Whorls; and fifteen others
	510	Thirty-two Spindle Whorls; found at Culbane 32 2/15/-
	511	A similar lot; from the same locality 32 2/10/- with
	6. 512	A string of fifty-one Spindle Whorls (some decorated) and Beads of early type (including a bronze Whorl); found in Co. Antrim 51
	80-513	Two Stones with cup-shaped depressions on one face; and five fine Hammer Stones with indents on either face 7
	757-514	A similar lot 5 7
	767-515	A massive Hammer Stone with depressions; two others, also good; 44-/- Hellor a hollowed Disc; two "tracked" Stones; and three Pounders 9
	70[516]	Ten Pounders, with depressions on face; ten "tracked" Stones; 4/5/- Wilton and ten ordinary Hammer Stones A similar lot 30 4/1 Kellor
	60 -517	A similar lot 30 4/1 Hellor

	Third	Day	32		
	518	Another lot, similar	9/15/- Mayli	A SHE WAS A SE	30
	519	A similar lot	3/15/- 11		30
	520	A similar lot	3/10/- Lawe 35/- webb 3/5/- wilton	ance	30
	521	A similar lot	35/- webb		30
	522	A similar lot	3/5/- wilton	bull one is name	30
	523	A similar lot	3/10/- 12ello 35/- Will		30
	524	A similar lot	351- www	Service Services	30
11-)	525	Forty-two "tracked" Stones	Stones; and thirty	-seven ordinary Hami	ner 79
311	837-526 x	Two stone Discs, and others, found in Co.			five 7
1.0	70/-527	Twenty-nine Axes in b from the Glenleslie lot 4	"Axe factory," Co.	ns stages of manufactu Antrim; an instruct	
27	6. (528) x	Four cylindrical Stone Honestones of vari rare; from various	ous periods; and a	axe hammers; sevent grooved Axe in bas	
21-12	501-529	Twenty Axes or Chie six unfinished Speci	sels of narrow form mens; from various	, in chipped basalt; a localities	and 26
(T)_	401-530 x	A similar lot			26
3	50 -531	A large flint Pick, f various localities	3/5/- willon	and eleven others, fi	om 12
	532	A similar lot 3/	10/- wilton		12
	533	Twelve flint Axes and	Chisels; from vario	us localities, some good	1235-
	534	A similar lot 2/15	- Bellor		12 Willia
	535	Twenty chipped flin localities 25	Axes, some un	finished; from vari	ous 20
	536	A similar lot	J-J- Kellor	A DESCRIPTION OF THE PARTY OF T	20
	537	A similar lot; and tw	o Tranchet Axes	32/- Idellor	22
	538	Fourteen flint Picks,	from various localiti	es 2/10/- 11	14
	40/-539	A similar lot, including	g one of basalt 2	5/- Kellor:	14
	50 540	A very fine basalt Pic Axes in same mater		0 7 1 1 7	ped 20

	301-541	Five Picks; a fine Adze; and fourteen Axes, all of chipped basalt, some very good examples 20	3 ym wilton
	40-542	Nineteen similar Axes; and a basalt Flake 20	3/-/- farmance
	30[-543]	A similar lot 20	24m 11
> '	401-514	A polished Axe; and nineteen chipped Axes, all in basalt 20	2/5/-
ms) -	60-515 X		
4	0.100	pl. XXXVII, fig. 31); and eighteen chipped Axes, all in basalt 20	
15/	The Party of the P	Twenty Axes in chipped basalt, some unfinished 20	
/	56 547	A Pick; eighteen chipped Axes, some fine; and a Side Scraper, Cushendall, rare, all of basalt	3 Laurance
	86, 548	An unfinished Axe, 11 in. long; another, 9 in. long; and eighteen other basalt Axes, some fine	4/15/ Wilton
	549	A Pick; and nineteen chipped Axes, some unfinished, all in basalt 20	2) 15/- well
	550	Thirteen chipped Axes, some good; a long Flake; six Hammer Stones; a polished Axe: all of basalt; and two others 22	2/15/- Kellor
	551	Twenty Pounders, or Mealing Stones, some very good examples 20	16/- Well
	552	A similar lot 20	28 - 11
	553	Another lot, similar 20	3)-1- 11
-	554	Two "Anvil Stones"; nine Hammers; and a Celt, with depressions	25 milton
15/	1.0	on faces, adapted as a hammer, rare	3/31
2/	86 555 x	A fine flint Pick, found at Culbane (Ill. Jour. R. I. A., vol. XXX,	
		pl. xv, fig. 72); a good chipped Axe in basalt (Ill. Jour. Anth. Inst., 1903, pl. xxxIII, fig. 6), Cushendall; another flint Pick	
		(Ill. Jour. R. I. A., vol. XXX, pl. XVI, fig. 80); and two other	
-		fine chipped basalt Axes (Ill. Jour. Anth. Inst., 1903, pl. XXXIII,	
15/	1.0	figs. 7 and 8), from Cushendall 5	
3/	70 556	A fine flint Pick, from the Bann (Ill. Jour. R. I. A., vol. XXX,	
		pl. xv, fig. 25); another (fig. 74); and three chipped Axes, from Cushendall (Jour. Anth. Inst., vol. XXXIII, figs. 16, 22 and 34) 5	
	987,557	A fine chipped flint Axe, of narrow type, from the Bann (Ill. Jour.	. ,
	1-1-7	R. I. A., 1912, vol. XXX, pl. x, fig. 78); a very fine chipped	4/15/-
		flint Pick, from Culbane (same Journal, fig. 76); a fine flint Axe,	Fenton
		with ground cutting edge, Coleraine (Ill. Jour. R. I. A., vol. section C, pl. xvi, fig. 92); a flint Knife (illustrated); and two	7-11
		roughly chipped basalt Axes (Ill. Jour. Anth. Inst., 1903, pl.	
		XXXVII, fig. 30, and pl. XXXIX, fig. 11), from Cushendall 6	
	66 -558	An extremely unusual "Tracked Stone," of fine quartzite, with a	Wirk Wellon
	-1115	deeply cut trough-shaped depression on one face, found at Bally-	3/15/ Kerror
		clair sandy braes (Ill. Jour. Roy. Hist. and Arch. Ass., fig. 3);	

Lot 55	8—continued.
	a Hammer Stone, with unusual countersunk perforation; a stone
	Pendant; a small Axe; and two Hammer Stones; from various
	localities 6
559	A roughly formed Axe, 104 in., found in Lough Neagh; a chisel-
	shaped Implement, in clay slate, weighing 4 lbs., 15 in. long,
	Culbane; and forty-four others, many of doubtful antiquity 46
560	Fifty others, in clay slate, many doubtful 9/- with 50
561	A similar lot 1/-/- well 50
562	A similar lot 51- 11 50
563	A similar lot 12/- 11 50
564	A large number of small pick-like Implements, Scrapers, and other
	Objects, in flint; from various localities a lot 4/10
565	A coarsely chipped Pick, found in the Bann at Coleraine (Ill. Jour.
	R. I. A., vol. XXX, pl. XVI); and a large number of similar
	Objects, and Picks of various sizes and types; from various locali-
	ties 4/10/- willon a lot
8 566	An Axe Hammer, of granitic material, well polished, with deeply
-	grooved upper and lower face, 5% in long; found at Clady, near
100 1	Portglenone [Pl. II] 9/ Maylor 1
5, 567	A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with
-	semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides; the curves are outlined with a pronounced rib.
	monty ou states) and survey me survey me
	6 in. long by 4 in. greatest width. This unusually fine and rare
	example, weighing 4 lbs., was found in deepening the river Bann
	about 1847 (see Ulster Journal of Archwology, vol. III, p. 234,
	and Proc. R. I. A., vol. XXX, section C, no. 7, pl. 19, fig. 127)
1	[PI. II] 67/-1- Buyust m
7. 568	A pestle-shaped Hammer, of highly polished granitic stone, cylin-
	drical in form, with rounded ends and small circular perforation,
	34 in. long, also fine and rare; found near Bushmills, Antrim
	[PI. II] 23/-/- nayor 1
7. 569	Another, of similar form, 31 in. long, found at the Commons of
30.45.1	Carrickfergus; and a smaller example, from Lough Mourne, both
Galastal	An Axe Hammer, of wedge form, with conical butt and broad
401-0101	cutting edge, partly perforated; the outer edge of the depression
	on either side decorated with a raised moulding, $4\frac{1}{2}$ in. long, found
	in the Bann, fine and rare; a perforated Axe, of doubtful anti-
	quity; and a small Axe Hammer, found at Moorfields, Antrim 3
	8/10/- Maylore
	01.1.1.1.1

7, 571	An oval Hammer, in black stone, with circular perforation, 3\frac{1}{4} in. long, from Connor, Co. Antrim; and another, smaller, from the bed of the Bann, both rare	8/10/- Barret
572	An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 in. long; and a cylindrical stone Implement, with the ends much abraded by use, found together, an interesting lot	11157 57-1-
573	An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, $5\frac{3}{4}$ in. long, from Glengariff; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded	14-1-Barnet
574	Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ in. long, Glenleslie; a boat-shaped example, with large perforation, $3\frac{3}{4}$ in. (probably from the Bann); an egg-shaped Hammer, of polished black stone, with small perforation, from Carnlee; and an early quartzite Hammer, with "hour glass" perforation, found at Connor	9/-1-naylori
5, 575	A discoidal Macehead, of sandstone, with grooved lines round the perforation, $4\frac{1}{4}$ in., found in the Bann; and six others, with primitive "hour glass" perforation (this style of perforation is considered to be evidence of Neolithic date for the implement) 7	5/10/- Hellor
6, 576	A massive wedge-shaped Hammer, with large perforation, $7\frac{1}{2}$ in. long, found at Aughmahoy; and three others, of varied forms 4	6/15/- maylore
5, 577	A heavy perforated Hammer; and four others, all with primitive boring 5	6/10/- wilton
601_578]	Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, all good examples	4/5/-Burnett
50 579	An oval Hammer, of good form, in granitic material; and five others, a good lot	
7-580	Twelve perforated Hammer Stones 12	44m wilton
581		3/-/- webb
582	A similar lot	3/15/-
583	Twelve others, similar	2/10/- Kellor
584	Ten other examples; a stone Net Sinker?; and a curious oval Hammer, in iron, of uncertain date 12	35/- weble

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

	12 13	
6.	585	A fine flat Axe, in copper, with semi-circular edge, 6 in. long, 6/10 found at Cullybackey; and two others, smaller, with localities 3
6.	586	Another of copper, of heavy fabric, $4\frac{7}{8}$ in. long, found near Omagh, fine; and three others, smaller, with localities
6.	587	Another of copper, with unusual incurved sides, and straight- cutting edge, 64 in., Ballymena; and two others, smaller, both good 3
	588	Three flat Axes of primitive type, $4\frac{1}{2}$ in., $4\frac{1}{4}$ in. and 4 in. long; from Toome, Dunboy and Loughguile
	589	A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ in., Clough; another, 5 in., Ballyconolly; and another, $5\frac{3}{8}$ in., Ballymena $3/15/-3$
	590	A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, 7½ in. long; Ballymena, fine and rare
	591	Another, similar, with decoration of short indented lines out- curving from the centre, and elaborately facetted sides, 7 in. long; found near Garvagh, in Cregard Bay, fine and rare [Pl. III] 15/2013
	592	A flat Axe, with narrow butt, $4\frac{1}{2}$ in. long, found at Craig-billy (Ill. Ulster Journal of Archwology, vol. IX, p. 179, fig. 3); another, $4\frac{1}{4}$ in.; a smaller example; and a tiny copper Blade, found at Kells, Co. Antrim
	593	A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, 5\frac{3}{4} in.; found at Glensherry, fine and rare [Pl. III]
	594	Another, with herring-bone decoration on surface, 7½ in.; found 3/10/- near the previous specimen, also fine
	595	A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ in., found at Moorfields, Co. Antrim, fine; another, with slight ridge in centre of blade, $5\frac{1}{4}$ in., Ballymena; and a small chisellike object, Moorfields

	1	37 Third Day	
(51 596	An unusually large flat bronze Axe, with strongly curved sides, and curved cutting edge, the sides outlined with four parallel grooved lines and dots, 8\frac{3}{4} in. long; found at Dunnygarron, fine and very rare [Pl. III]	A M
	597	Three flat bronze Axes, $5\frac{3}{8}$ in., 4 in. and $3\frac{1}{2}$ in. long, all with localities	3/5/-
	50 -598	A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; all Co. Antrim, an interesting lot 3	2/15/- Fenton
	599	A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, $6\frac{7}{8}$ in. long; found in a bog near Durrock, Cushendall, fine and rare [Pl. III]	4/5/-
	737-600)	Another, with surface decorated with herring-bone ornament, 6 in. long; Ballymena [Pl. III]	6/10/- Marton
	601	Another, with somewhat straight-cutting edge, $6\frac{1}{2}$ in. long, Ballymena; two small flanged Axes; and an unusual type of Chisel, found at Dreenan	4/5/-
	602	An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved parallel lines, $5\frac{7}{8}$ in. long; Ballymena [Pl. III]	71-1- Spinh
	603	Another, with slight flanges, having a decoration of curved and straight lines of indented dots, 5\frac{3}{4} in. long; bought in Belfast, extremely fine and rare [Pl. III]	13/-1- Shinh
	604	A fine example of a flanged Axe, with slight stop ridge, 4\frac{3}{8} in. long, Grange; and another, smaller, found at Derry 2	4/15/- Barnet
	605	A fine flanged Axe, with oval side flanges, outlined by a deep groove, the whole surface decorated with punch marks, 6 in. long; Co. Antrim (see Jour. Royal Historical and Archæological Institute, 1889, p. 112, no. 1, pl. III) [Pl. III]	11-1- Junes
	606	A flanged Axe, with slight stop ridge, the flanges decorated with deeply grooved oblique lines, $4\frac{7}{8}$ in. long, Ballymena, fine; and another, smaller, plain	81-1-Belfast m
	607	Another, with strong side flanges and stouter stop ridge, the centre of the blade outlined with a curved band of indented dots linking up the ends of the wings, 6\frac{1}{4} in. long; found in Garvers Bog, Co. Antrim, extremely fine (see Jour. Roy. Hist. and Arch. Jour., 1889, p. 113, pl. III, no. 2) [Pl. 111]	6/15/

608	An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of thi	S
I	6 in. long [Pl. III]	e, L
609	Two Axes, with side flanges, and a curved ridge on blade, both wit localities	h ?
610	Three similar Axes, all good specimens 6/5/- Fenton :	3
611	A similar lot 4/5/	1
612	A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, 5\s^3 in. long, Co. Derry; and two others smaller 4/10/-	
613	A winged Palstave, with stout triangular ornament below sto ridge, 4\frac{3}{4} in., Co. Tyrone; and another of plain type, 6 in. Lisburn, both fine	
614	Another, with triangular ribs on blade, 4½ in., Crommelin; and two others, all good specimens 7/10/ Maylor	ł 3
615	Another, with angular side flanges and curved cutting edge, 7 in long, Co. Derry, fine; and an Example, with loop at side, foun in a Crannog at Lough Mourne 7	
616	A fine Palstave, with conical ridge on blade, 45 in., Glenny, Co. Antrim; and another, of plain type, both with loops 4/5/-	nuylor
617	A socketed Chisel, of square section, $3\frac{1}{4}$ in.; a fine Gouge, $3\frac{1}{4}$ in.	
618	A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 in. long, Craig's Bog; another wit wings, 5\frac{1}{4} in., Toome; and a smaller Example, with shield-shape	h
		3
619	A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 in. long, found at Craig's; and three others, smaller	
620	Another Example of unusual size, $4\frac{1}{2}$ in. long, Co. Cork; and three others, smaller $8/15$ — Wilton	d 4
621	Another, of good form, the mouth decorated with ribs, Kilwalter another, similar; and three others	;
622	Another, with ribs on socket, Glarryford; three others, all good specimens; and an imperfect Example, all with localities	d 5

	other, of unusually good form, 31 in., found at Cross; and three others, with localities, all good examples	
\$ 624 Th	ree smaller Specimens, with unusually broad cutting edges, Clough and Larne, a good lot	
625 An	nother Specimen, with curiously broad cutting edge and incurved sides, 3\frac{1}{4} in., Ballymoney; and two others, also good, from the Glenny collection	7/15/- wilton
	finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ in. long; and another, somewhat similar, $3\frac{1}{2}$ in., Portglenone [PI. III]	5/10/-
627 A	good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ in., found in Fenagh Bog; and two others, of the same type, with three ribs on the faces, rare, Co. Antrim 3	6/15/ Fenton
628 A	nother, with similar ribs on the faces, $3\frac{1}{4}$ in.; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ in., all Co. Antrim [PI. III]	5/10/- 1
7 629 A	bronze Chisel, with side flanges, 3½ in.; another, similar, Killyless; and four unusually small socketed Axes or Chisels, with localities, a good lot	9/10/- wilton
50/_630 A	Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, 3\frac{1}{4} in., Castlegore; and two others, similar, all rare	4/15/- Fenton
631 T	wo others, similar, Knockboy and Co. Antrim; and a tiny crescent-shaped Blade, probably a razor, Cleggan, the last very rare	
632 A	Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ in. long; Randalstown, fine and rare; another, with curved cutting edge and a tang for the handle, 4 in., Glenish; and an earlier type, with curved sides, 3 in., Ballybay, all fine and rare [PI. VII]	
	an extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, $6\frac{1}{4}$ in. long; found at Deerfin [Pl. IV] This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.	
634 A	Another, of similar type; and three others, imperfect, of slightly later form, with side loops 4	

- A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, 5\frac{1}{4} in., Magheraboy; another, 4\frac{1}{4} in., Teeshaw; a similar Example, found at Cloughancely, all with side loops on socket; and the Blade of another, of broader type
- 636 A Lance Head, with lozenge-shaped blade, 3\frac{5}{8} in. long, fine; and four others, of slender form, all with side loops, found in Co.

 Antrim
- A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ in.; another, with curious blade of square section and traces of loops (with original wood in socket), rare; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ in., rare, all Co. Antrim, a most interesting lot
- 638 A Lance Head, with broad blade, 3\(\frac{3}{4}\) in.; another, similar, 3\(\frac{3}{8}\) in.; and two others, of unusually small size, all with side loops, and all found in Co. Antrim
- A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, 65 in. long [PI. IV]
 - *** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the Royal Historical and Archaeological Association Journal, 1889, pl. III, fig. 3, p. 113.
- A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, 7½ in. long, found in Buckno Bog; and another, of more ordinary type, 4½ in. long, Co. Antrim
- A Lance Head, with ribs on blade and side loops, 6 in. long, from the Glenny collection; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, all found in Co. Antrim
- A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 in. long; and the Point of another Spear Head 2

- A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 in. long; found near Toome, Co. Derry
- A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, 7\frac{3}{4} in. long; found at Rasharkin, fine and rare [PI. IV]
- A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 in. long; Claddy, Co. Derry, very fine [Pl. IV]
- Another of slender form, the blade being continued as a rib down to the rivet hole, $8\frac{3}{4}$ in. long, found at Taylorstown; a Lance Head, with leaf shaped blade, $5\frac{1}{2}$ in. long, found at Glenwherry; and a Javelin Head, with curious markings on the surface, in very fine condition, an interesting lot
- A Javelin Head, with oval openings in blade, 3\frac{3}{4} in. long, extremely rare; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes
- 648 A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, an interesting and early type, 3½ in. long; found at Carnstrone 1
- A Rapier Blade of slender form, with side notches for the rivets, 9½ in. long; and another similar, 8 in. long 2
- 650 Another, with triangular base, notched for two rivets, $12\frac{1}{2}$ in. long, found at Parkmore, Ballymena; and a curious Blade, with two rivet holes
- A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, 11½ in. long; found at Skerry; fine [Pl. IV]
- A Dagger Blade, with triangular base, having notches for two rivets, $5\frac{7}{8}$ in. long; an early Knife Blade of triangular form, with four rivet holes, $3\frac{3}{4}$ in. long, found at Bushmills; and a small Knife Blade, found at Tully
- 653 An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

Lot 653-continued.

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 in. long; found in Rosherry Peat Bog [PI. IV]

- ** A label with an interesting pedigree of the weapon is attached.
- Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (the blade has been neatly repaired), 23\frac{3}{8} in. long; found in a bog near Glenish; fine [PI. IV] 1
- Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, 19½ in. long; found in Derry (repaired)
- 656 A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 in. long; found at Ballymoney (repaired)
- Another of broader type, with imperfect handle plate, pierced for six rivets, 18\frac{3}{4} in. long; found at Cross Keys, Co. Antrim 1
- A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, found at Cushendall, 14½ in. long; and three other Blades, all imperfect 5
- 659 A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, 6½ in. long, rare
- A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), 10\frac{3}{4}in. long; found at Glenbush [Pl. IV]
- A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, 7\(\frac{5}{8}\) in. long; found at Fermanagh, extremely rare and in good condition [Pl. VII] 1
- A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, 3\frac{3}{4} in. long, an extremely unusual type; probably found at Lisnacroghera Crannog, from the Buick collection [PI. IV]
- A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, 3\frac{1}{4} in. long (found at Carrick-fergus); and another, with projections at upper part of the tang, 4\frac{1}{4} in. long, found at Killyless, both rare [PI. VII] 2

664	Another, with slender leaf-shaped blade and rivet hole in	tang,
	45 in. long, found at Moorfields Co. Antrim; and another, v	vith a
	depression divided by a midrib in centre of blade, 3 in.	long,
	found at Ballymena, both fine and rare [PI. VII]	2

- 665 A Knife, with slender blade, and decorated with a midrib, the socket, which is perforated for one rivet, is incurved at the base, 6\frac{1}{4} in. long; found in Co. Antrim, rare [Pl. IV]
- 666 A socketed Knife; and two Axes, all imperfect; and a Lump of Copper, all Co. Antrim
- 667 A Palstave, with two recently bored holes in the socket, Glenish,

 Co. Antrim; five bronze Chisels; and two copper Implements,

 some of later period 8

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

FOUND NEAR BALLYMENA.

		A O O STATE STATE OF
	LOT	A delicand minimal implication will be applied to the first of the fir
	668	A very fine Valve of a mould for a spear head, made of schist, this 2/-/- was for casting a weapon with a strongly grooved blade, and with large side loops, 5 in. long, extremely fine and rare [Pl. IV] 1
	669	A Valve for a similar lance head, $3\frac{3}{8}$ in. long; and another of same type, $4\frac{1}{2}$ in., both probably of basalt, very rare [PI. IV]
	670	A similar Valve of a mould, 41 in.; and part of another 220
801	671	A four-sided Mould, of square form, for casting various types of 401-1 razors or knives, 3 in. long; and a Valve, for making a small socketed celt, with side loop, 2½ in. long; both of sand-stone, and extremely rare [PI. IV]
6.	672	A Valve of a Mould for easting the blade of a larger spear-head, with 36/-/- ribs on blade, 63 in.; another, for a small lance of early type;
		part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head 4
	673	Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reelshaped loop, having three ribs in high relief; and the companion Piece for the opposite side, 8½ in. long, very fine and rare [PI.V] 2
	674	A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 in. high, about 15 in. diam.; found in a bog near Portglenone, extremely rare [PI. V]
	675	A Ring Handle and Loop; Part of a Rim; and two odd Plates; all 6/10/parts of cauldrons
1	676	A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes

A Cauldron or deep bowl, of flattened hemi-spherical form, showing 677 considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 121 in. diam.

Another Cauldron, with straighter sides, rounded below, showing 678 similar repair at the sides, 102 in. diam.; found in a bog at Gortgole, Buick coll. (see Ulster Journal of Arch. vol. XIV, page 23, 1908)

An important Cauldron, of unusually large size, with strongly curved 679 sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 in. diam. at mouth, 13 in. high; found in Dirneveigh Bog in 1885

10 ym Footfield

* * Some of these bowls were probably originally used as water clocks, but not when in this patched condition.

Another Vessel, with straight sides and flat base, and having similar evidences of patching, 14 in. diam.; found at Portglenone

680

681

found in the Bann

A Cooking Pot, with ridged sides and cylindrical neck, having two stout loops riveted to the sides, the surface is decorated with hammer marks, 71 in. by 61 in. ; probably of the mediaval period,

1 you 4 aylo

An Armlet, of broad form, with curved sides and outcurved ends, 682 the body is elaborately decorated with bands of concentric lines and chevrons, 33 in. diam; found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare

A spur-shaped Object of large size, the shank sharply curved and 683 the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), 9% in. long; late Celtic period, found at Glenatrace, rare [PI. VII]

** These objects are considered to have been used as an ornament upon the head of a horse.

684 A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft. 53 in. long; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, 63 in.; and a Pin, of straight form, with a conical projection on the disc, 64 in.; all found in Co. Antrim, very fine and rare [Pl. VII]

685 A bronze Pin, with large ring head, the junction of the head to the pin being strongly curved, and the lower part of the curve forming

LOT 685 -continued.

a shoulder, 7 in. long, fine; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ in. long; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; all of the early iron age and very rare [PI. VII]

A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; all of the early iron period 7/10/- Maylor 3

POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

- An Urn, of bowl form (repaired), with a band of triangular indents filled with small dots in centre of the body, 5 in. by 3 in.; found in a "Giant's Grave" at Loughloughan, near Broughshane (see Jour. R. S. Ant., Ireland, part II, vol. XXXII)
- 688 A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 in. long; found at Portstewart 7/10-10-11
- An Urn (repaired, with base missing), the surface decorated with a hatched pattern of dotted lines, 6\frac{1}{4} in. diam., found inside a larger urn at Galgorm Park (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (see Roy. Ulster Jour. Arch., 1875, pl. 111); and a calcined Arrow Head, found in another urn

 5
- A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ in. by $3\frac{7}{8}$ in.; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 in. long, found inside the urn; found at Loughguile in 1870 (Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p. 163, fig. 47) [Pl. VI]

sion obl clos	rn (restored), the body decorated with ridges, in the depres- ns between which are chevrons in relief, and with a band of ique dotted lines below the rim, 6 in. by $4\frac{7}{8}$ in.; found at Bally- ughlan (Ill. Roy. Ulster Jour. Arch., 1895, part II, vol. I, fig. 4).	7/-/- Fenton
80[_692] An in	mperfect Urn, with a band of ornament suggesting the St. drew's cross on upper part of the vessel, 6 in. diam.; found in "Bishop's Cairn," near Glenwherry (Ill. Ulster Journ., 1895)	7/5/- Leeds
in the hat pl.	Parts of the Rim of a large "Food Vessel," with angular ribs relief, the spaces between filled with lines of indented dots, and a base and part of the side of the same vessel decorated with the ched lines; found at Thorny Valley (Ill. Ulster Jour., 1895, 1); two Parts of a smaller Vessel, decorated with a crossaped ornament on base, found near Kells; and Fragments of other Urn	4/10/- Fenton
and by	all Urn of "food vessel" type, with deeply indented shoulder d flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ in. $3\frac{3}{4}$ in.; found at Cumberclady, extremely rare; from the Buick Mection (Ill. Jour. Soc. Ant. Ireland, 1891, p. 437) [Pl. VI] 1	10/-1- Belfast m
che hig	NCENSE CUP, with angular sides, decorated with bands of evrons and dots, and a cruciform ornament on the base, $1\frac{7}{8}$ in. ph; found in a "Dane's Fort," near Glenties (Ill. Abercromby's Bronze Age Pottery," vol. II, p. 34, fig. 343) [Pl. VI]	12/10/- Belfast m
ba 6 <u>2</u>	owl-shaped Urn, with incurved rim, the body decorated with nds of chevrons and vertical and horizontal lines (restored), in. by $3\frac{1}{2}$ in; found at Cumberclady (Jour. Soc. Ant. Ireland, 436); from the Buick collection	5 yrs Fenton
we 4½	Urn of "food vessel" type, with two strong ridges on sides, all decorated with chevrons and indented lines on the body, in. by $5\frac{3}{4}$ in.; found at Esker Dromona when making a railary to Portrush [Pl. VI]	24/-/- Fenton
cu we at th	Urn of deep bowl form with narrow base, and strongly out- rved sides, the centre of the body has two pronounced ribs, ell decorated with bands of short oblique and horizontal lines, the side is a simple looped handle, a most unusual feature in ese vessels, $4\frac{3}{4}$ in. by $6\frac{1}{2}$ in. diam. (restored); found in a "Giant's rave" and "Carnal" at Loughloughan (see Jour. R. S. Ant. reland, vol. XXXII, p. 163) [Pl. VI]	25/10/-

A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 in. diam.; and a stone Spindle Whorl (broken), found inside the urn; from Knockboy, near Ballymena (a long MS. description is within the vase)

A small stone Cup, the sides decorated with bands of triangles filled with hatched lines, 2½ in. diam; found at Glenarm; extremely rare

Part of a stone Cup, decorated with bands of herring-bene ornament; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; found within an urn at Kilbraights

4

BEADS AND PENDANTS FOUND IN IRELAND.

- 702 A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, rare; two Buttons, and nineteen other Beads and Whorls, all of early period, on card
- 703 A card containing twenty-five stone Beads and Whorls, also of early period 25
- 704 A very fine series of sixty variegated glass Beads of early types (one from Cyprus included for comparison), on card 6/5/- May 60
- A series of thirty blue "ringed" glass Beads, three of them ornamented, probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings; a fine lot
- 706 A very important group of highly decorated glass Beads, some ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; Co. Antrim

 48
- Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; all found in Lisnacroghera Crannog; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, an important lot [Pl. VIII] 105 34
 - ** For similar beads, see Guide to Celtic Antiquities of the Christian Period, Dublin, 1910, pp. 68-69.
- 708 Another collection of similar Beads, some beautifully decorated, also a fine lot, on card 9/5/2002 27

709 A fine Necklace of thirty-three amber Beads, found in the peat between Craigbilly and Connor; and sixteen odd amber Beads, all probably of the Viking period, very rare, on card 49	351-1- Belfast
652710 A card containing a number of odd amber Beads and Pendants; found in the north of Ireland, also of the Viking period 42	3/10/- Maylor
6, 711 x A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; from the Buick collection, on card 12	Maria de la companya della companya
A card containing forty-nine "dumb-bell" Beads; found in the, Irish peat and on Crannogs	
75/-713 A series of eighteen similar Beads; found in Co. Antrim; on card 18	5/15/ Daylor
An interesting series of whorl-shaped glass Beads, chiefly of amber colour; found in the peat bogs and island sites; on card 52	4/15/- naylor
A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards	8/5/- wilton
40 716 A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white 39	4/5/- naylor
72 717 Three strings of glass Beads, many of them decorated, and chiefly of an early period 56	451- naylor
A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56	3/5/- "
719 Three strings of varied stone and glass Beads and Whorls 67	3/57-11
720 Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, some of them probably of Roman manufacture and perhaps relics of an early Viking raid	8/51- Belfast
721 A very important jet Armlet, the outer surface strongly ribbed, 5 in. diam.; found at Knocklayd, Co. Antrim	5/10/ wilton,
722 Eight vitreous paste Beads, with ribbed sides, of the Roman period, rare; four early faience quoit-shaped Beads, also rare; and seventeen stone Beads, of varied form; all Co. Antrim; on card 29	13/10/- Leuds
723 A string of old Irish "blackberry" Beads, in glass, of varied colours, on card	15]- 1- naylor
8. 724 A series of stone Beads and Pendants, of various periods, on three cards	8/15/- Wilton
725 Twenty-one tiny stone Beads; found on the sandhills at Portstewart, very rare D	4/10/- Maylor

OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

- Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, 2¾ in. diam.; found in Maghadee bog, near Kellswater, fine and very rare [Pl. VII]
- Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. R. I. A., 1901, vol. VI, third series, no. 3, p. 388) [Pl. VII]
 - A Ring Pin, the loop having terminations suggesting the reptilian head, 3\frac{1}{4} in. long; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, also rare; found in a Crannog at Derryhullogh (see U. J. Arch., vol. X, p. 53) [Pl. VII]
 - A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ in. long; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ in. long, both fine and rare [PI. VII]
 - 730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [PI. VII]
 - 730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3
 - 731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 2 5 factor 5
 - 732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, rare; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head
 - 733 Two others, with solid ring heads; and two with thin spiral wire loops 4/10 feature 4

734 A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, rare; and three other Pins, an interesting lot

735 A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and small Ring, found together at Portstewart; and four others 8

736 A curious bronze Pin, the upper part spirally twisted, and having a coiled turn near the top, 7½ in. long, probably of the Early Iron age; and three others, of a later period 4

737 A Ring Pin, with ribbed head and triangular projection at top; another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, a good lot 5

738 A bronze Pin, found at White Park Bay; and five others, of simple form 6

739 A fine bronze Finger Ring, with oval depression on front, found at Vagey, probably of the Early Iron period, rare; three ribbed bronze Rings; and a Brooch Ring, with notched ornament 5

- 740 Part of a Horse Bit, in bronze, of curved form, and two Links of another, found at Glenleslie, both probably of the Early Iron period; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age

 8
- 741 A CELTIC IRON BELL, of quadrangular section, with broad loop; the clapper is still in position, and is heavy in proportion to the size of the bell, 7 in. high; there are small patches of the original bronze coating still on the outer surface; from the ancient Church of Markstown, Cullybackey, extremely rare [Pl. V]
- 742 "THE LISSAN BELL," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 in. high; from Lissan, Co. Tyrone [PI. V]

** Part of a letter from Bishop Reeve, relating to this bell, is attached.

A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, an extremely fine and rare example of the Second Century A.D. [Pl. VII] 1

6/10/- Maylor 14 January

8/-1- Leeda

2/15/- Fenton 7/5/- Maylor

. ---

2/5/- Costella

25/-1-Belfast m

6/15/-

17/10/- Judo

857_741	A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, all early examples and of interest
745	A stone Cup in the form of an open bowl, with a globular projection at the side, 3 in. diam., found near Newton Crommelin (see Uls. Jour., 1895); and a heavy stone Bowl, of simple form, 4\frac{1}{4} in. diam., found near Craigmaddy
80 746	A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; probably found near Connor (Ill. Uls. Jour. Arch., 1895, vol. XV, p. 4)
747	Two large bronze Rings, each with pendent rings attached to them; and twenty-five single Rings; found (with others) arranged in a semi-circle in a fort at Secon Hill, near Ballymoney 27
748	A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card 30 - Costation
749	Two curious iron Chisels, with solid butts and side loop, probably of the Early Iron period, very rare; nineteen Rings, of various periods; and thirteen other Objects 2/5/- 34
750	A wooden Paddle; found in a bog near Ballymena, very rare and interesting 251- Leston 1
751	A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17th Century); and a bronze Harp Peg 5
752	A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; all found in Ireland and of an early period, an interesting let

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

A large wooden Mether (damaged), found in a bog near Ballymena; and a small Cup, of similar form decorated with chevrons,
found at Slenish (Ill. Ulst. Jour. Arch., vol. XV, p. 4)

Two wooden Pepper Grinders; a wooden Goblet; and a curious
wooden Bowl, from Kells, all of the 18th Century

4

34

bourne

	755	Two rush-light Holders; a bronze Mortar; a metal Vase; and three horn Cups 7	3/-/-
	756	Two decorated horn Cups (one Ill. Ulst. Jour. Arch., vol. XV, p. 5), and seven curious funnel-shaped Vessels in wood and bone 11	3/15/- weble
X	757	Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects a lot	351- webb
32)	6. (758)	Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving 17	
	I	MPLEMENTS FOUND IN OTHER COUNTRIES.	
	757-759	Thirteen palæolithic Implements, from Suffolk; one, from Wandsworth; another, from Stamford Hill; and seven Others, from various English localities	10/5/- Kellor
	401-760	An ovate flint Instrument, very rare; and seven Chert Implements, found at Broome, Dorset, all of the palwolithic period, some very good	\$ 5/10/- 11
	40/_761	A Monstarian Implement found at Wandsmorth vary form	8/5/- Belfast
	40-762	Ten drift Implements; found in France, some from Saint Acheul 10	9/51- Belfast
	357_763/	Nineteen Implements of late drift type; chiefly found at Bois du Rocher, Côtes du Nord	2/-/- Kellor
1	764	Two bone Implements; and a series of Scrapers of various types and other Implements, from the French caves, an interesting lot	4 gm Kellor
1-	765	Five chipped Axes, found at Spiennes, Belgium; a long Pressigny Flake; a polished Axe, from Saxony; four polished Axes, from France; and seven others, also from France, all of the Neolithic period	3/10/- 11
	766	Twelve flint Axes, from Cissbury; seven others, from Grimes graves; a curious palæolithic Form, found at Weeting; eight varied Implements, from Suffolk; and six others, from East-	# 5 ym 1)

EGYPT.

767	A tortoise Core; eleven Implements; and five others, all of the Palwolithic period 41-13-15-17
768	A flint Pick, found in a tomb at Medinet Habu; three other Picks; and fourteen Implements, from the Neolithic workshop floor at Wady el-Sheikh
769	A series of Scrapers and worked Flakes, found near Helouan 22
770	A series of pigmy Implements and Borers, found at the same locality 2
771	Twenty-eight Implements, with serrated edges; some found at El Kab, on two cards 4 28
772	Nine small Chisels; nine leaf-shaped Implements; and eight peculiar Flakes, chipped at one side, on three cards 3/5/- 26
773	A slate Palette in the form of a fish; three others of simpler form; and a finely chipped Chisel, rare 5
774	A series of Saw Blades, Lance Heads, small Axes, and other objects, from the Fayoum 3 Glave 25
775	A similar lot 3/5/- Spinh 25
776	A similar lot 21-1- Elder 25
777	A similar lot 2110) - Januare 25
778	A similar lot 2/15 - Fenton 25
779	A similar lot 3/-/- Kellor 25
30/_ 780	Another lot, similar 3/5/- Doboo 25
257_ 781	A similar lot 2 15 - Belfust 25
201-782	Another lot, consisting of Axes, worked Flakes, Lance Heads, and other objects, also from the Fayoum 3
30/ 783	A similar series 4/10 - Spents 20
167- 781	A well-chipped Axe; two parts of flint Armlets; and twenty-two other Implements; Fayoum 25 25
7/- 785	Five leaf-shaped Lance Heads; thirty worked Flakes and broken Implements; a finely chipped Arrow Head; and six others; Fayoum 2/5/
786	Thirteen fine Arrow Heads; and nine others of coarser workman- ship, on two cards; Fayoum 5/15

		55 Fourth Day	
601-	787	A flint Dagger of Danish type, 4 in. long, rare; and sixteen Arrow Heads of unusual form, some of fine quality, on card; Fayoum 17.	21.1
7/-	788	Twenty flint Arrow Heads, some imperfect; Fayoum 20	27-1- Elder
Bernstein	789	Another lot; same locality 20	
	790	A similar lot; same locality 2/-/-	
	791	Another lot; same locality 2/-/- Kellor 20	
	792	Another lot; Fayoum 35/- 11 20	
	793	Another lot; Fayoum 30 - Wilder 20	
	794	Three "fish tail" Lance Heads (two broken); a Knife with indented grip; and two other Knives, on card, a good lot 6	3/-1- Jamans
	795	A finely chipped broad Knife, with ripple flaking (broken); and two Fragments of Knives	5/10/- Horper 10/- Luname
	796	A curved Knife, with serrated edge (broken); and a Lance Head, also serrated 2	16/1- Januarie
	797	A series of quartzite Implements, of drift type; found by Mr. Seton Kerr in Somaliland, some fine	21-101
	798	A similar lot, some fine	2-1-Belfost
	799	An interesting series of chert Implements, many of Moustiers type; from the same source 32	2/10/- Lamane
	800	A similar series 32	2/5/-
	801	Twenty coarsely chipped Implements, of drift type; found in Madras 20	2/5/- wilton
	802 .	Six similar Implements; eight Flakes; a Pounder; a perforated Stone; and eight polished Celts; all from India 25	5/8/- myron
		DENMARK.	-3
	803	Three flint Picks; four tranchet Axes; four Scrapers, and an Axe of ordinary form; all from the "Kitchen Middens"; and two	2/15/-
		others 13	
	804	A finely chipped Blade, of celt form, 9 in. long (repaired); a chipped Chisel, with ground edge, $7\frac{7}{8}$ in. long; part of a Dagger; and a small Lance Head	4/15/- Bellsot
	805	A flint Dagger, with wavy ridge on the grip (repaired); another, with fish-tail termination to handle; and three lunar Knives, a good lot 5	3/-1- "

301-	A chipped flint Adze and an Axe, of early type, rare; a small Pick, from Wisby; an Axe, of tranchet form; a polished Gouge; a polished Axe; a perforated Net Sinker; and seven Flakes 14	806 A	
in	An unusually finely chipped Gouge, of brown flint, 8 in. long; and an Axe, of similar workmanship, $10\frac{1}{2}$ in. long $3 5 -2$	807 A	
	boat-shaped Axe Hammer; another, of usual type; two polished flint Axes; and a Whetstone, of the Viking period 1975 - 5	808 A	
	SWISS LAKE DWELLINGS.		
	An Axe, of nephrite, showing saw marks at sides, found at Font, near Estavayer; seven stone Chisels; a Fragment of decorated pottery; and two other Objects	809 X A	-
	A finely chipped Knife, of <i>Pressigny</i> flint, rare; another, smaller; seven Arrow Heads; a horn Socket; and two bone Pins 12	810 × 4	17-
	A series of Scrapers, Knives, and other Implements; from Estavayer and other sites 33	(811) x A	7
	Nephrite (?) Axe, in horn socket, from Font; another, similar, from Neuchatel; a diorite Axe, in socket; and two small Chisels, also mounted in horn 5	812 x A	
	A fine bronze Sickle, of early form; and a good tanged Knife, with curved blade; both from Neuchatel 5	813 A	
	very fine bronze Pin, with globular head, having four circular openings at the sides; nine bronze Pins, with decorated heads; a Fish Hook; a coiled Ring; and two other Objects, a very good lot	814	
	Ten Spindle Whorls, in stone and pottery, of the bronze period; from Estavayer 10	815	
1	Four worked Flakes; nine unfinished Implements; and six plain Flakes; all found in Egypt 19	816 I	
	Twelve Flakes, with secondary chipping; and twenty-four plain Flakes; Egypt 20 36	817	
	Flakes; Egypt 207- 36 A similar lot; Egypt 207- 36	818	
	A series of fifty-one flint Arrow Heads, found in Ohio and other American localities, on five cards 3 51	819	
34m	Another series, including some unusually fine examples 40	820 A	

		821	A large grooved Axe, Illinois; and five others, said to have been found at Saint Vincent 6	2/5/- 2006
		822	An Adze, from Easter Island; two others, Solomon Islands; a Chisel, Fiji; and a long obsidian Flake, with trimmed edge, Admiralty Islands	
		823	A small Axe; a discoidal Stone, Arkansas; three Axes, New Guinea; a Chisel, Pitcairn Island; and two others	
(w	6	824	A very fine and unusually large Adze, and three others; all from New Guinea 4	36/- 11
(4)	30x	825 X	Eight finely chipped glass Lance Heads, from Australia, on card 8	
5/-)	757-	-	Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; Australia, on card 8	
(5)	6.	827) x	Four Knives, mounted in gum handles; two Scabbards or Sheaths; a Spear Point; and nine Arrow Heads, in various materials; W. Australia	18
101	857_	828) _X	Two well decorated Boomerangs; four others; a Waddy or Club; three Spear Throwers; and two "Bull Roarers"; Australia 12	
(V)	124	829	A number of roughly chipped Implements, from Tasmania, in various materials	和 多
(3)	501-	830 X	Two grooved Hammers; and four others, Australia 6	
-	257-	831	Ten well-chipped Spear Heads of chert; and four Flakes, some with gum mounting, Australia 14	301-Belfast
(1)	581	832	Twelve chipped glass Lance Heads; Australia 2/15/- 12	
200	T5;1	833 ×	AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of dark stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 in. by 5½ in.; from New Guinea	XV
		834	Three hafted stone Weapons, Australia; a wooden Paddle; and a Shield and a slender Club, both decorated 6	6)-/- webb
1. X	1	835	Four good hafted Adzes; New Guinea 4/- with	and the same of th
Mis	12.		Two hafted shell Adzes, Admiralty Islands; a hafted Axe; and another, of jade (1), both New Guinea 4	Et Missing
(17)	8.	837) x	Two hafted Adzes, Fiji; and a jade (1) Axe, in carved wooden handle, Samoa 3	- Jade missing
(N)	857	838 x	A decorated Dancing Club, of canoe form, New Hebrides; a carved Adze Handle; and three others	
W /				

(1)-		Fourth	Day	58	
(3/7)	6.	839	A Club, made from a saw Australia; and another,	fish snout, New Guinea; to of plaited cane	wo Shields,
		840		mounted stone Implements, ons, of large size, New Gui	
		841	N. America; two incurv	nother, with metal head, dec yed Axes, Saint Vincent; a Disc, from a digging-stick, Cap	stone Axe,
			obsidian head 20/- 9	bs, Fiji; and a well-carved	4
		843	Five various stone-headed	Clubs; New Guinea 201-	2000 5
		844	A similar lot 2/-/- w		5
1		845	A similar lot 27m	"	5
(2)-17	401	816	Eighteen small stone Adzes Fragments; from various	s, some roughly chipped; and s New Zealand localities	thirty-three 51
(04m)	[5:1	847 x		ely carved wooden handle, e, from H.M.S. Challenger	
(18)	54-	848	Five "Moa Stones"; six small Adzes; and six Fra	shell Objects; a Scraper, Nagments; all from New Zeal	elson; four and 22
(2400)	7.	849 x	A stone Adze, with curious Adzes; all New Zealand	ridge on blade, 9 in.; and	three small 5
(34m)	60/	850	A finely-polished stone Me Adzes; New Zealand	ere, 12 in. long; and two w	ell-finished 3
(30)	40/-	851	An unusually well-chipped and three polished Adzes	Chisel, in basalt, $10\frac{1}{2}$ in. long; all from New Zealand	, very fine; 2/8/ast
(54m)	7.	852		g, Auckland; an Axe, with o and a roughly chipped Bloc from New Zealand	
		853	ordinary material, with	en stone, $6\frac{1}{2}$ in. long; two highly polished surface; as New Zealand	nd a small
10		854		saw cut on side; and four	
(0/0)	-	854	similar material; New Z		5
8.	18.	855	AN IMPORTANT TIKI, of 4 ¹ / ₄ in. long, New Zealand	jade, of unusually good wo	rkmanship, 4X
(24)	[5:/	856	Another, in bone, 3 in. long	n, rare, New Zealand 33118	Zu 1XVI
6					

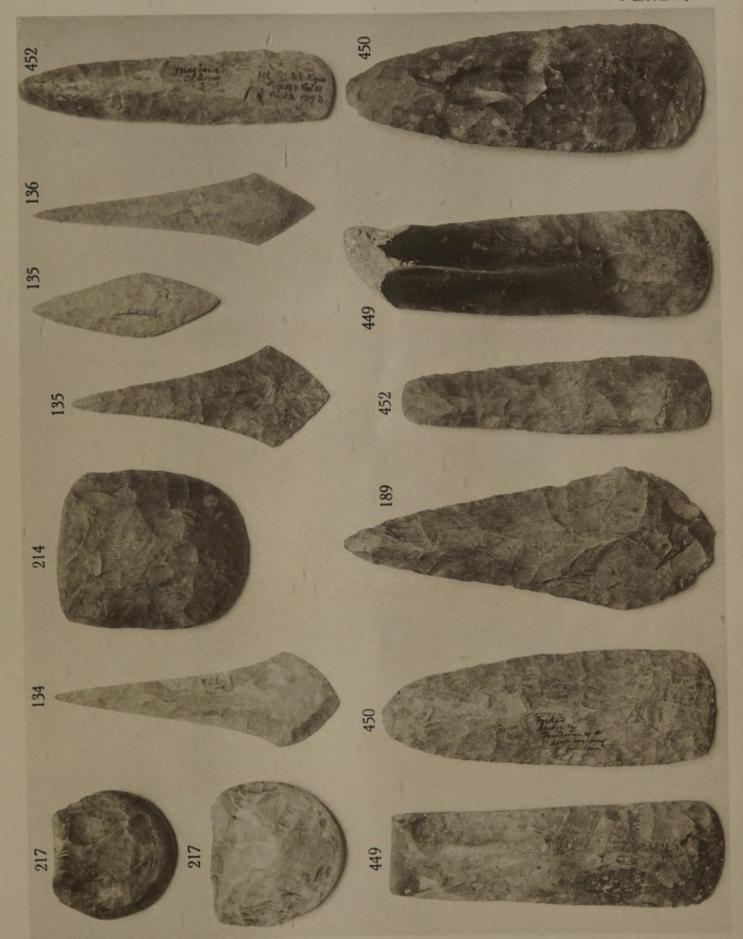
857	Three fine Ear Pendants, of jade, New Zealand 2/10/- 3	
858	Another, of curved form; an Example of rich green colour; and another, in darker material, 4 in. long; New Zealand 3	4/10/-
859	A number of Implements and Bones, from the Torbryan Caves, Devonshire; a chipped Axe, from the Thames; twelve fine flint Arrow Heads, found in Egypt; three various polished Axes; and seven others	451 Fellow
860	Four ribbed glass Balls, from India; a Fish Hook and two decorated Rods, from West Australia; six recently mounted Implements; and two others	8/-1-
861	Five Chinese Armlets; five Charms; and two Seals, some of jade, on card	3/-/-
862	A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card	3/-1-
0/863	Thirteen pigmy Implements, Yorkshire; and twenty-four English flint Arrow Heads 37	2/5/- Neve
01-864 ×	Nine chert Knives; thirty Arrow Heads; and a Borer, Japan 40	
0/_865) 1	Seven extremely tiny Arrow Heads, found in Colombia River; six flint Arrow Heads, and four coarser Implements, Italy; two Arrow Heads, from Finisterre; and seven Arab Amulets, in carnelian 26	.7
6-866/×	Ten Implements, from the Cape of Good Hope; and sixty-five Pigmies and tiny Flakes, from various Indian localities 75	

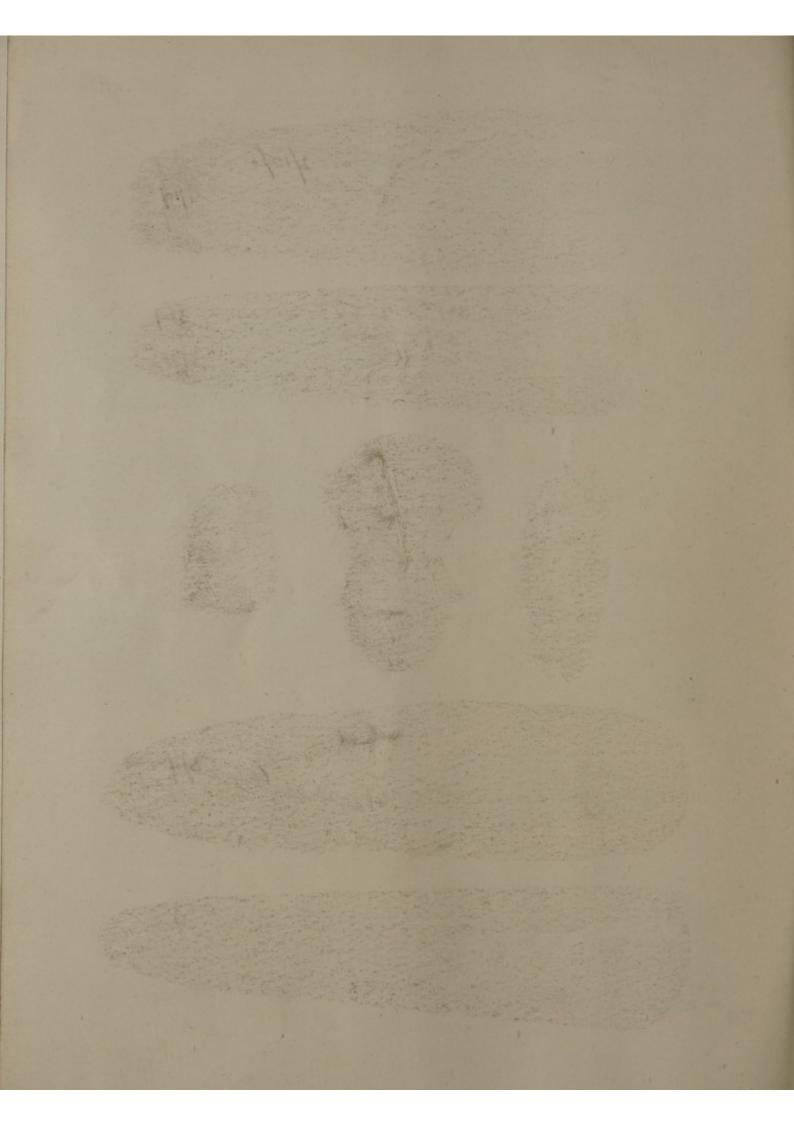
864 + 866 mixed (08)

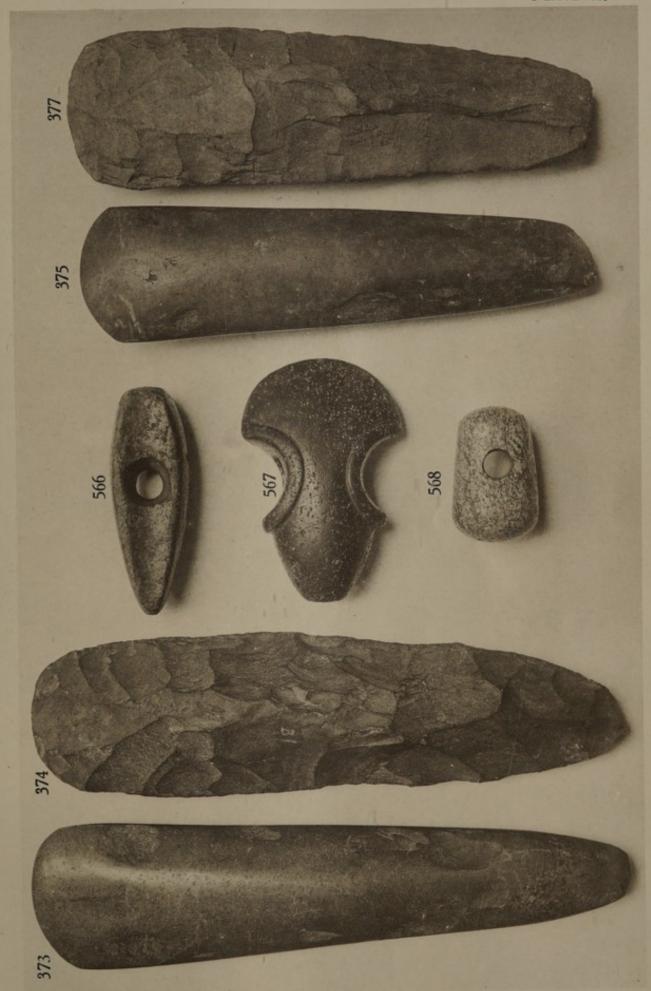
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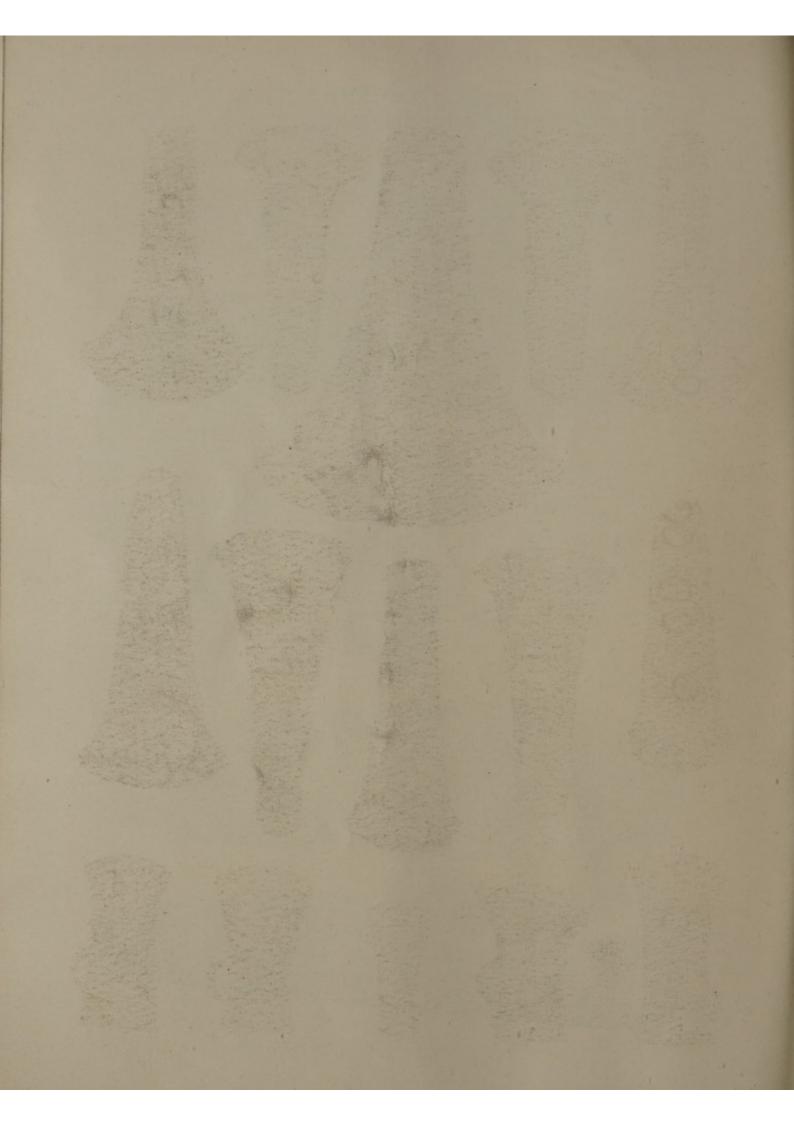
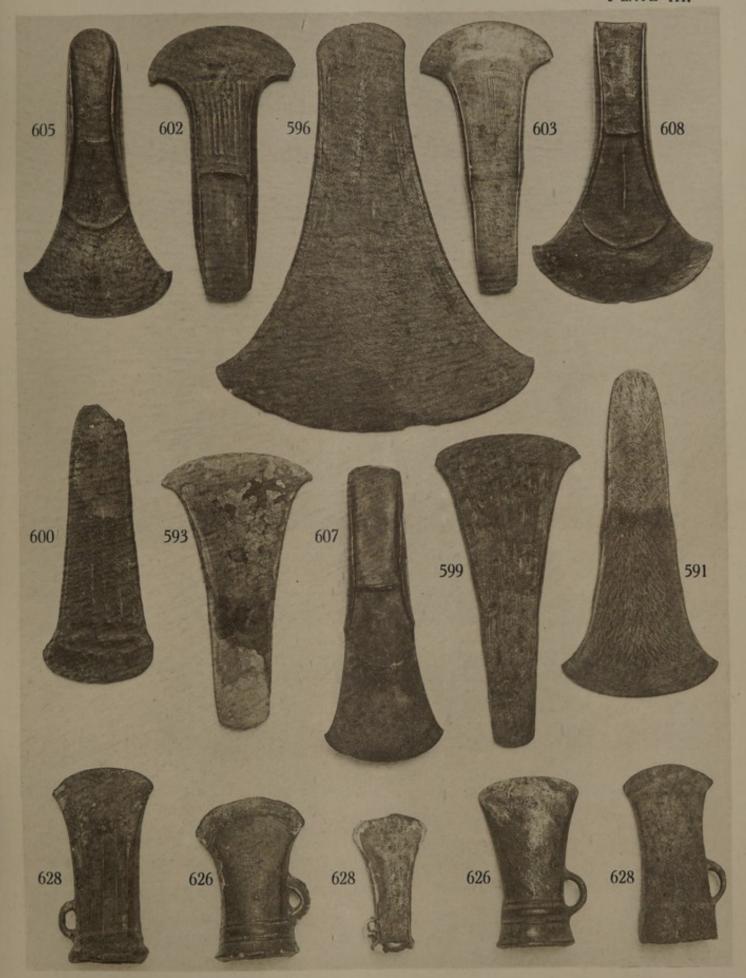
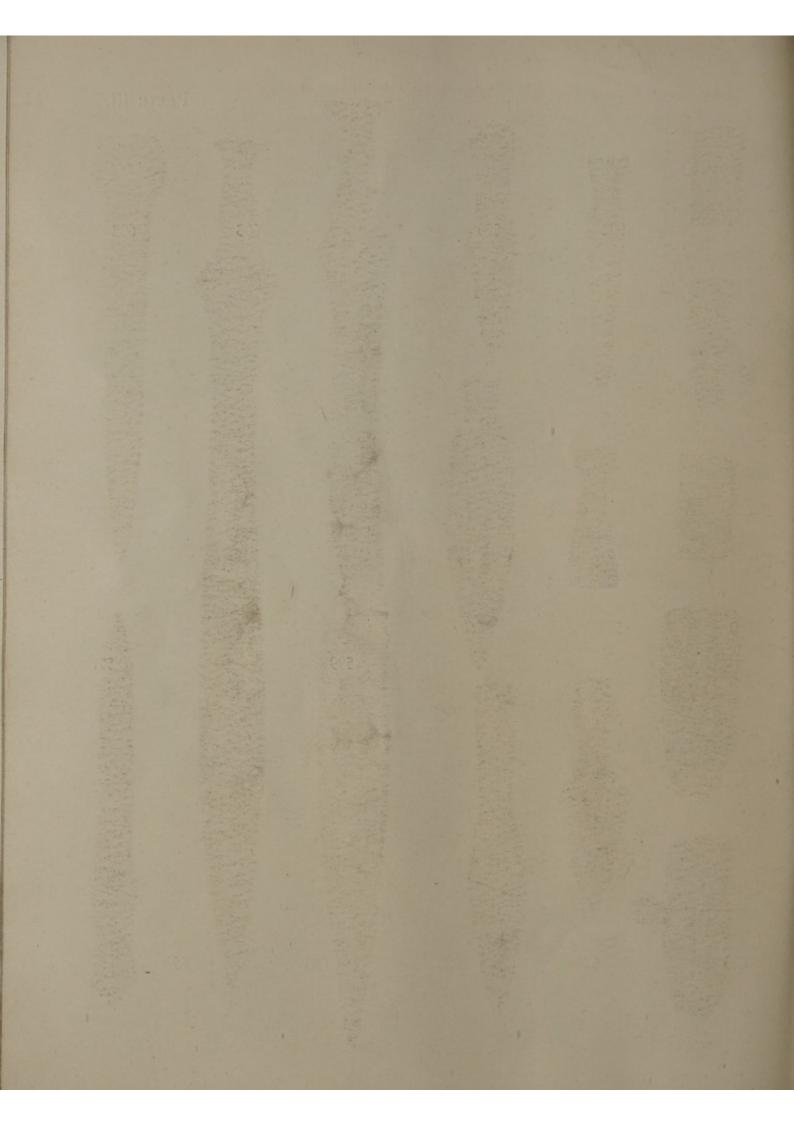
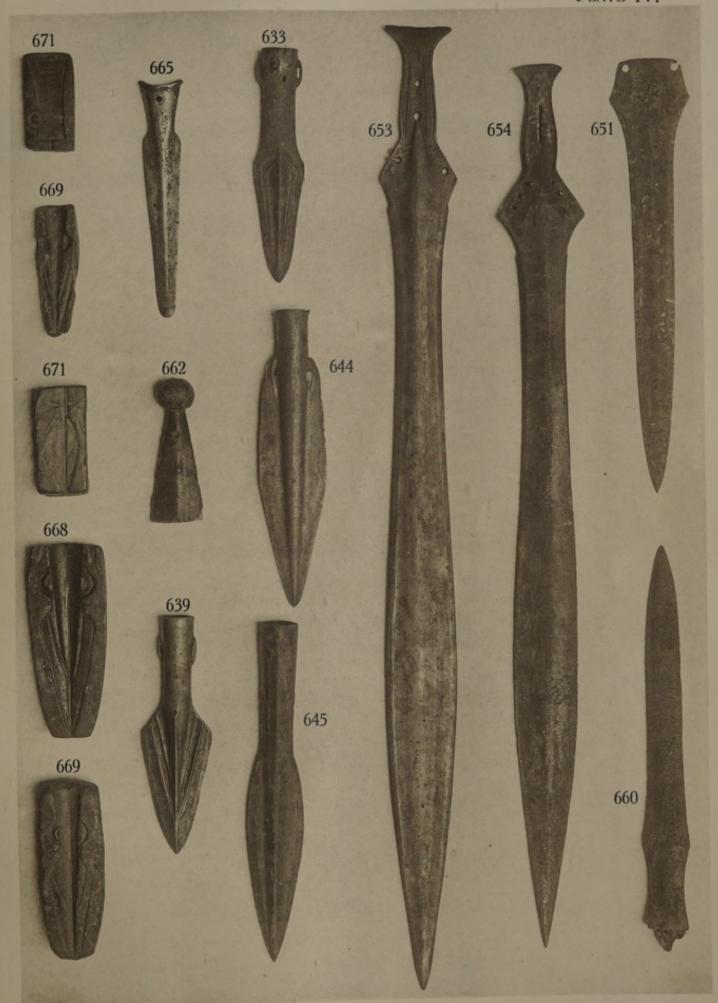
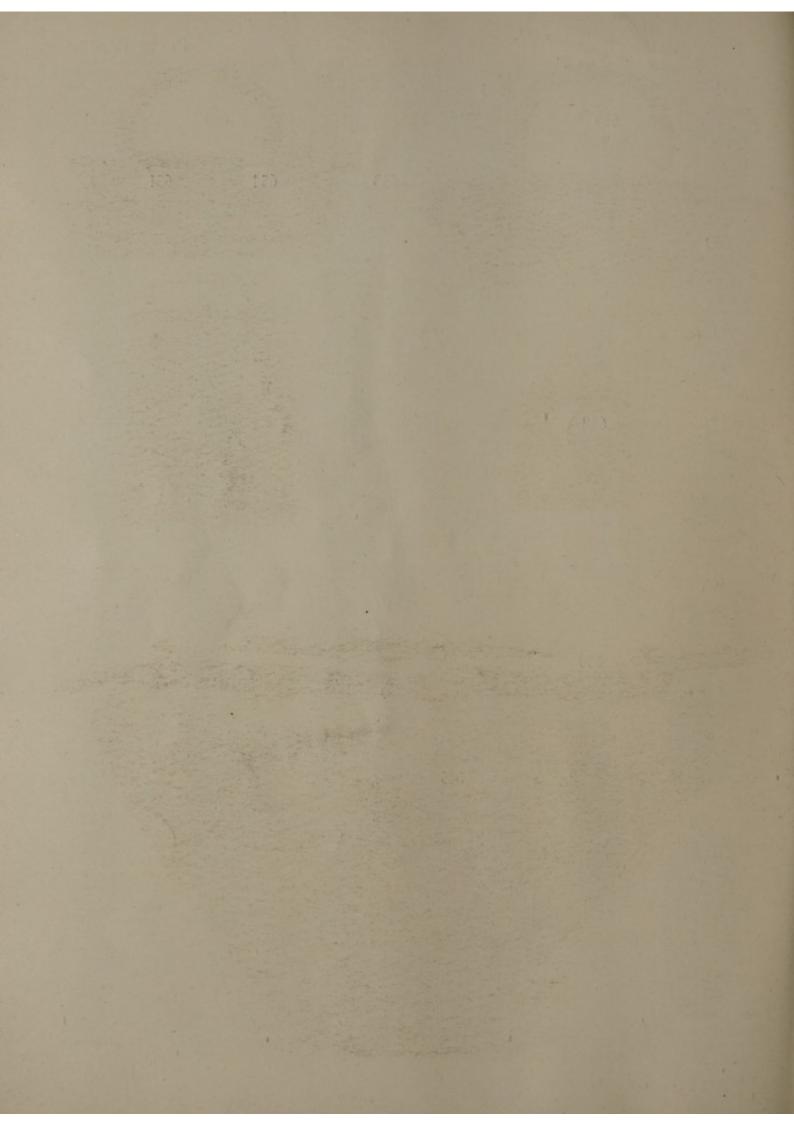


PLATE III.

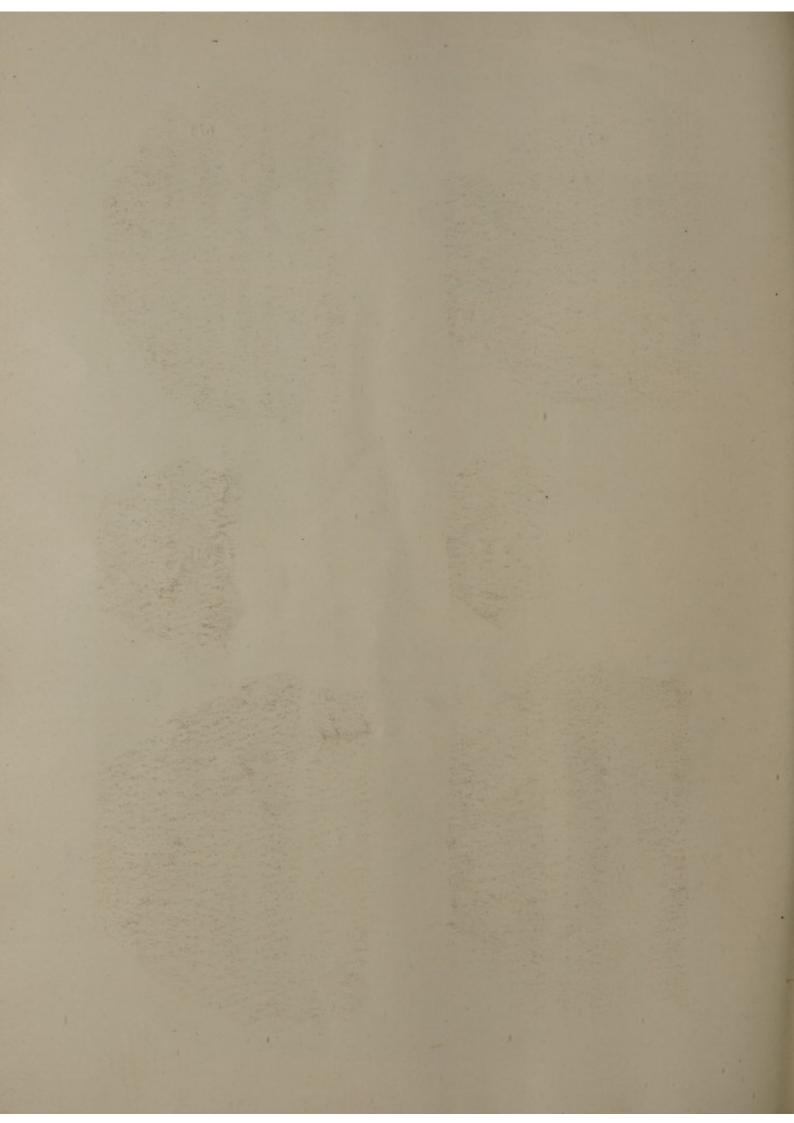


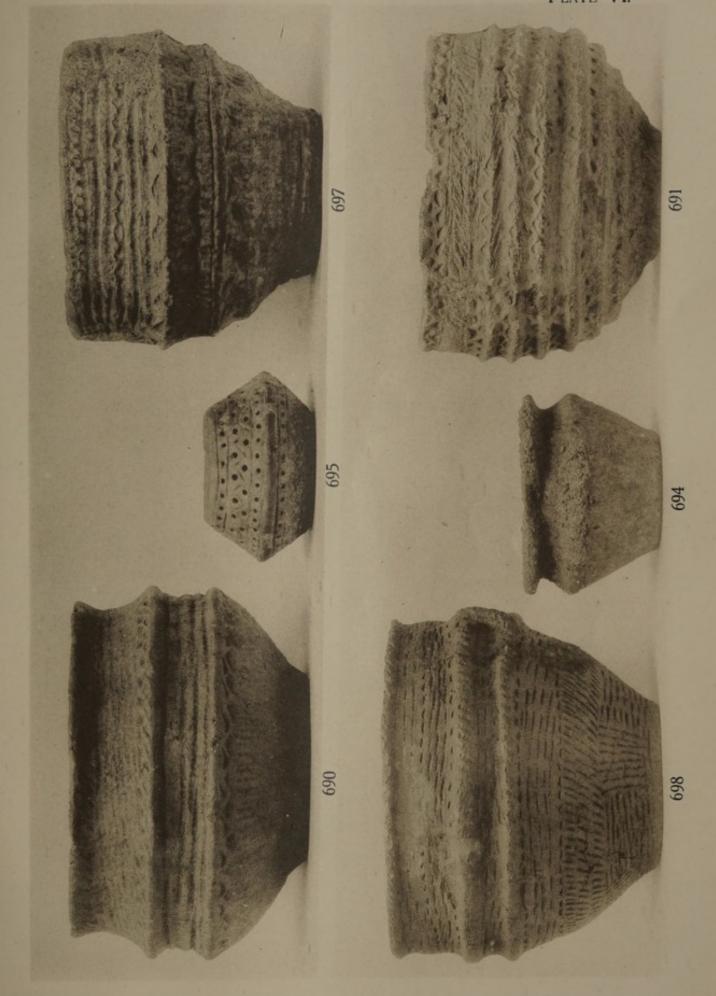


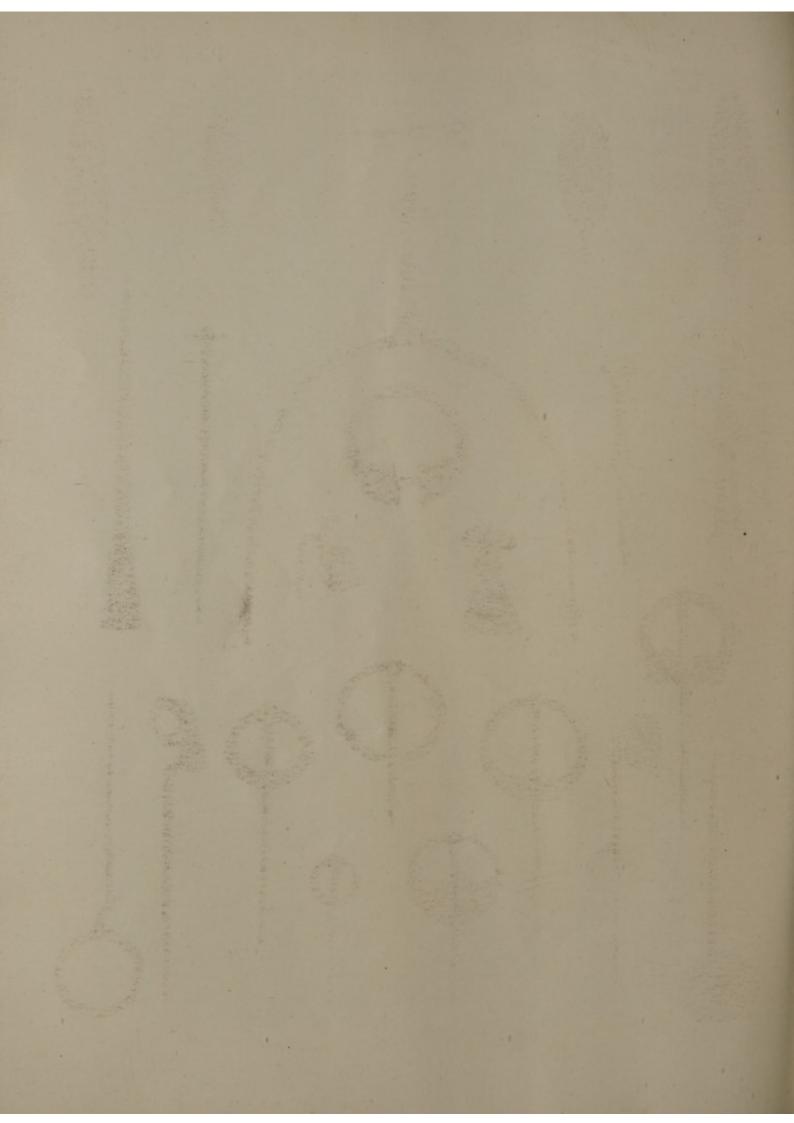


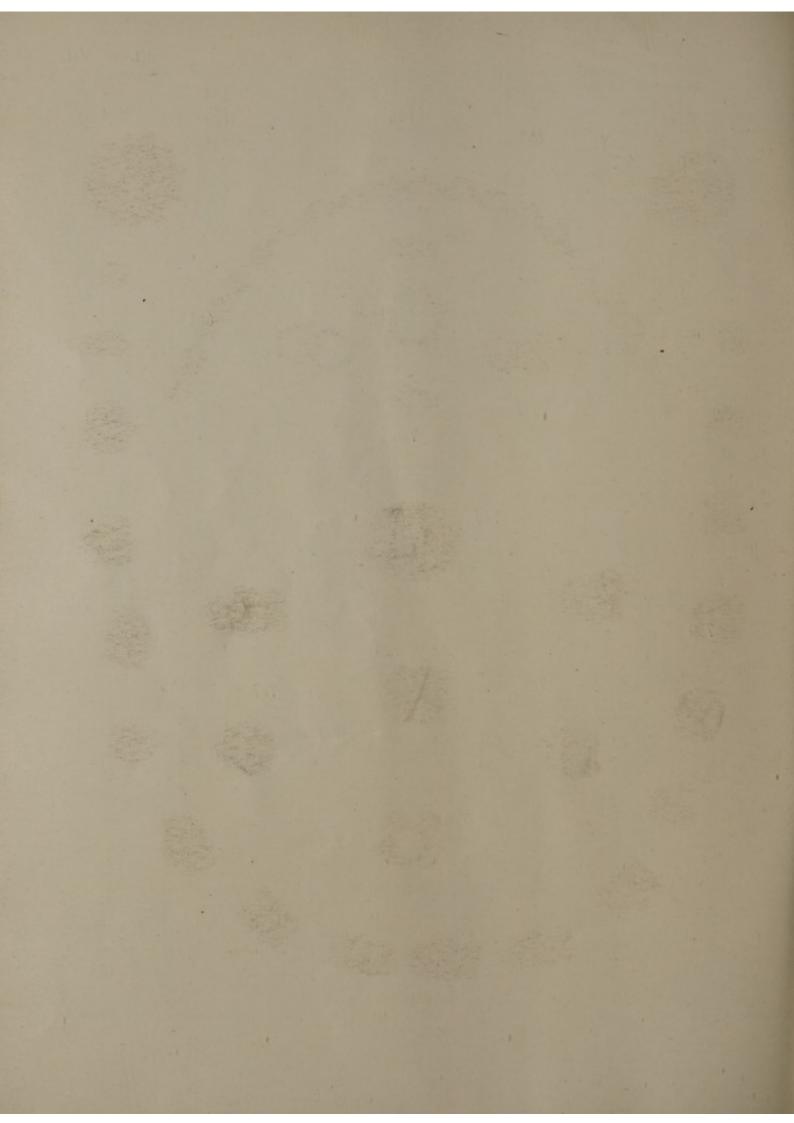


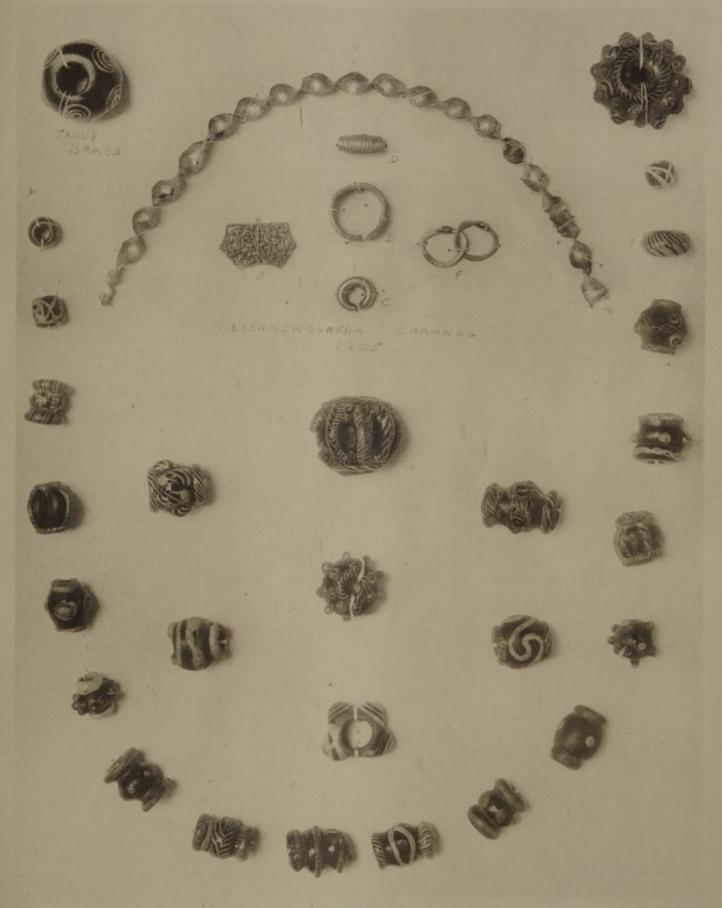


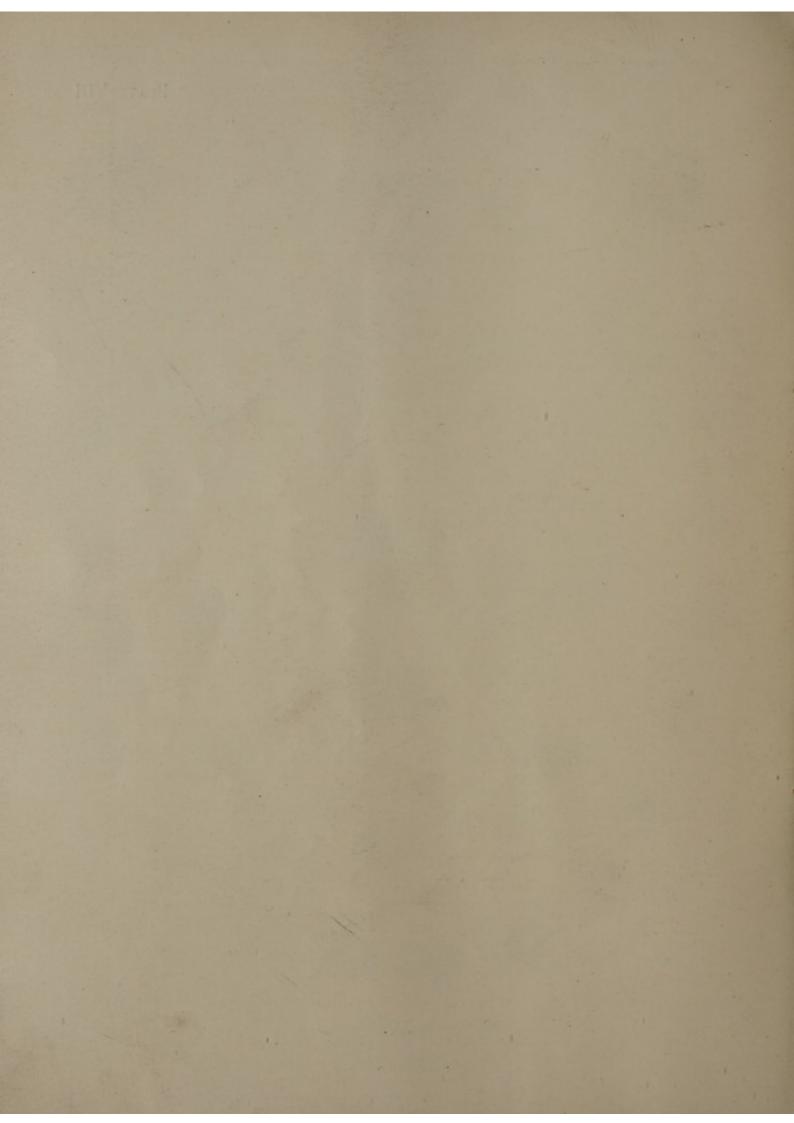












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B. FOREIGN.

Journal des Arts (Paris).

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OF

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FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena

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			£5	. 5	0

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CATALOGUE

OF THE

WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A.

of Flixton Place, Ballymena,

COMPRISING

MANY EXAMPLES FROM EARLY INHABITED SITES;

OBJECTS FROM THE EARLY FACTORY OF WEAPONS, IN BASALT, NEAR CUSHENDALL;

FINE SPECIMENS OF FLINT AXES, KNIVES, SPEARS, &c.;

BRONZE CAULDRONS, SWORDS, DECORATED SPEAR HEADS AND MOULDS;

POTTERY FOUND IN BARROWS OF THE BRONZE AGE;

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On MONDAY, 17th NOVEMBER, 1924, and Three following Days,

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PREFACE.

THE Collection of the veteran Irish Antiquary, Mr. W. J. Knowles, has been known to Archeologists for many years, and the results of his exploration of the famous inhabited sites of the Neolithic period in Ireland have been published in the Transactions of various learned Societies.

The disposal by auction of such an interesting range of pre-historic objects deserves more than passing notice, and it may also be specially remarked that the opportunity of acquiring figured types of stone and bronze implements does not often occur.

Attention should be called to the splendid series of flint implements, and to the weapons, moulds and pottery of the bronze age. Specimens of such pottery are very rare and difficult to obtain, for those that exist have mostly been retained in Ireland.

The Celtic items in the collection are noteworthy, including bells, fibulæ and pins, and there are also good representative series of implements from Egypt and coun tries other than Ireland, as well as objects of later periods, including savage weapons from New Zealand.

CATALOGUE

OF

THE WELL-KNOWN COLLECTION

OF

Pre-historic Antiquities, Etc.

CHIEFLY FROM IRELAND,

FORMED BY

W. J. KNOWLES, Esq., M.R.I.A. of Flixton Place, Ballymena.

FIRST DAY'S SALE.

Monday, November 17th, 1924.

IMPLEMENTS OF THE NEOLITHIC PERIOD FOUND IN IRELAND

(most of the Objects have the Localities marked upon them).

IMPLEMENTS FOUND ON "WORKSHOP" SITES.

THE RIVER BANN.

Thirteen good flint Knives; and nine unfinished Spear Heads, on two cards

Three unusually long Flakes; and eighteen others, with worked butts, on three cards

Twenty-nine Flakes, with worked butts, on two cards

A hollow Scraper; a Knife; three Cores; two fine Scrapers; two Borers; three plain Flakes; and two trimmed Flakes (all illustrated in the Journal of the Roy. Irish Academy, vol. XXX, plates 12-14).

2524

Sowhenk

		10
20/- 38/5	A fine Kuife; two Scrapers; three Cores; five Borers; three plain Flakes; and a Knife with incurved cutting edge (all illustrated in the same Journal as previous lot)	
157- 2526)	Eight flint Axes of "Kitchen Midden" type, rare	261 P
151- 257-51	Eight hollow Scrapers; eight Borers; and four knives, all good specimens 20	
do 81-81	A similar lots also good 20	24 feel
8/9	Another lot, also good 20	21/2
12/- 25/10	Six unusually good Scrapers, found together at Port Glenone; four Cores; six Knives; and four "Points," a good lot	
12- 25-11	Twenty tanged Knives; a Scraper; two Fabricators; twelve other Knives; and six pointed Implements 40	28/2/4
12/- 30/12]	A similar lot	2 il nost
10/- 10/-13	A similar lot	124/239
10/- 10/-14	A similar lot	1-21/501
157-151	A similar lot	20/- h
74 7/16	A similar lot	42/1/2
72 71- 171	A similar lot	19/4
16 61 (18)	A similar lot	of mus
GF 67-(19)	A smilar lot	
6 10- 181- 20	A simila lot	42
251- 251-21	An unusually fine Borer or Pick; a large Flake, with worked sides four Fabricators; two Cores; two Scrapers; ten tanged Knives sixteen "Points"; a flint Adze; and a small Axe	177
247 22	A curious flint Chisel, with ground edge, rare; a smaller example	-
20	four roughly chipped Axes; a Pick; ten pointed Implements and four others	
20/- 30/- 23	A curious Core, with palæolithic patina, found at Culbane; twelve other Cores; three hollow Scrapers; ten Knives; twelve "Points" and twelve typical Flakes	;
15- 257.24	Twelve Cores; seven "Points"; six Knives; and twenty Flakes 48	WP
101-25	A similar series 45	10
12/ 26	Another series 45	18/
7 7 7 7 27	Thirteen Cores; six "Points"; six Knives; and twenty-five	id !
101 201	Flakes 50	28/
		shilor

	7 First L	Day	ming 2
20-357-28	Twenty Cores; six Knives; and fifty Flakes	76	1 may 201
25-40 29	The state of the s	100	550
(20/ 40 30)	One hundred-and-thirty similar Flakes	130	To n
15248 251- 31	One hundred others	100	24/ /2027
40/ 32 1	One hundred others, with secondary chipping, an interesting lot	100	away
20/ 48/ 33	Eighty-one others, many with secondary chipping, including illustrated in Jour. R. I. A., vol. XXX, pl. 12, fig. 1123		Try
157 257 345	Thirty very fine Flakes; found in the Bann at Coleraine	30	I wend
157- 35 35	Eighty unusually fine Flakes, some with secondary chipping (illustrated)	(one 80	18/200
20/- 40 -36)	A coarsely chipped "Point" of Moustierian form; found at Culberrare (Ill. in Jour. R. I. A., vol. XXX, pl. 13, fig. 42)	ane,	60
204 110 37	Ten Axes of "tranchet" type; found in the Bann, rare	10	32 Mar
35/38	Another series	10	247
204 39	Another series	10	
2 10 (40)	Another series	10	
22/0/- (1)	An Implement, with palæolithic patina; and nine "tranchet" Axes		
26 20 42	A finely worked "Point" (Ill. Jour. R. I. A., vol. XXX, pl. fig. 44); a finely chipped "tranchet" Axe (Ill. R. S. A. I., vol.		50/
201-	pl. 144, fig. 6); another (same Journal, fig. 7); two Ovates;		1
_	six "tranchet" Axes	11	and the
257- 50-43	A series of polished Axes and other Implements, some doubtful	13	
152 252 44	Twenty stone spindle Whorls	20	TE
15 45	Twelve plain Hone Stones; and eight others, with perforations	20	The Colle
80 46	A similar lot Ten plain Hones, and ten perforated examples	20	- 7-7 001100
401 (17)	Seven plain Hones; two perforated "tracked" Stones; six		1111
351- 18	forated Hones; a stone Pendant; a decorated Stone, with perforations; and a grooved Whetstone	two	4/1/6 Nachen
(49)	Fifty Flakes, some with secondary chipping	50	26
26 7 501	A Handle for an implement, made from the root of a tree, of glob	ular	
25/ 75	form, with conical socket for the insertion of a flint, 2 in. lo found at Culbane, extremely rare, if not unique (Ill. Jour. R. I.	ng;	48/
25	vol. XXX, pl. 13, fig. 24)	-	

_	WHITE PARK BAY SITE.	
8 8 51	A series of Cores, Scrapers, and other Implements about 100	66/
(3) 20 30762	A similar series about 100	4110
HOF 401-301 53	A small Slab of Chalk, with two deep grooves on one face; and a series of side and end Scrapers 20 38	20 Cum
157- 1-54	A series of Scrapers, including some hollow varieties; and several small Axes	24/5 mm
16- 10- 55	Seven tanged Arrow Heads; two Scrapers; and a Flake (several illustrated in Jour. R. I. A.)	20
7 7 56	Sixteen Scrapers (also illustrated) 16	10/-
20/ 20/ 57	A tanged Implement (illustrated); a fine leaf-shaped Arrow Head; seventeen Knives; and twenty-five other Implements 44	22/
7 7 58	Seventeen Knives; sixteen Arrow Heads, of varied types; and seven other Implements; all found at Portstewart 40	22/480
59	A series of notched Scrapers, and Knives; White Park Bay 38	101- 50
60	Three well chipped Knives; fourteen Borers; and seven other Implements 24	1.81 DE
50/- 50/-61	Two polished Axes; fifteen Hammer Stones; two perforated Implements; a fine Knife; a Flake (illustrated); seven Cores; and twenty-six other Implements	22/cm
	PORTSTEWART SITE.	
(20) 10/63	Fifty Scrapers; twenty Cores; and thirty Flakes 100	20
3 of 50 63	Two Axes of "Midden" type (one Ill. Jour. R. I. A.); ten Knives; five Pounders; and thirty one other Implements, some good 18	37/00
7-7-64	Five "steep-ended" Scrapers; another, with palæolithic patina; and seven ordinary examples, all good 13	20/- Nal
13/ 12/ (2 (65)	A series of Scrapers, of varied types about 150	
66	Twenty-five broken Arrow Heads; and a number of Cores and Scrapers; found on Dundrum Sandhills 57	10/ No
401- 40/67	An interesting series of roughly chipped Implements of basalt, many of scraper form; found at Tievebullagh	West
68	Fourteen Implements, of quartzite; found at Maghera 14	41/

30/	30 691
37-	35770
35/-	37-71

Sixteen small Pebbles, found together at Portstewart; nine Cores and twenty-six Flakes, from Dundrum; and fifteen others, some from Portstewart 66

A group of Scrapers and Flakes, from the "black layer" at White Park Bay; and six Flakes of light weight, from Culbane a lot

Three tanged Knives; a chisel-ended Arrow Head; a Scraper; a Hammer Stone of quartzite (Illustrated R. I. A., 1901); and a number of other Implements; found on the sandhills at Narin, Co. Donegal a lot

FROM THE "AXE FACTORY" AT TIEVEBULLAGH, NEAR CUSHENDALL, CO. ANTRIM.

0 4	10 10 11 11 11 11 11 11 11 11 11 11	(100)
8. 7	One hundred "Axes in the making"; and twenty spherical H	120
7. 7.	A similar series	120
7 7	A similar series	120
2: 7	Another series	120
4.7	Another series 38	120
10/1	Another series 46	120
7	Another series	120
19. 7	Another series	120
8	Another series	120 1
52 8	Another series	120
5 8	2 Another series	120
JA7 8	3 Another series	120
	One hundred unfinished Axes	100
8	One hundred, similar	100%
78/8	Another lot, similar	100
1 18	Another series 5870198 (PV)	100
048	Another series ?	100_
1 8	9 Another series	100_
140169	Another series	100
10/09	Another series	100
19	A number of broken Axes; others "in the making"; a few	v flakes;

and some rather well-chipped examples of unfinished Axes, all

in basalt

A series of Needles and other Bone Implements, chiefly found at 93 White Park Bay; Bones of the Great Auk and the Gannet, also from White Park Bay 94 Two perforated stag-horn Implements, rare; a piece of Horn with cuts on side, and a Flint found with it (which fits the cuts); two notched Bones; a Tusk; two parts of Horn Picks; Human Bones; and six decorated fragments of Bronze Age Pottery; all found at White Park Bay 95 Several worked Bones and fragments of Stag's Horn; decorated fragments of Pottery, from Portstewart; Pottery Fragments, from Dundrum; and a small box of Teeth and Shells, from Narin 96) A lump of Red Ochre, found at Culbane; a Celtic Bronze Pin, with decorated head, Portstewart; specimens of Mud, from Lisnacroghera Crannog; Red Paint, found at Portstewart; three early Palettes; four lumps of Ochre; and a perforated Stone Pendant, all from White Park Bay, an interesting lot Sixty Flint Objects, considered by Mr. Knowles to be Eoliths, showing various stages of chipping (one having marks of glaciation on its finked surface), from Larne and other localities 98 Sixty other similar Objects, same localities 60 Fourteen pick-shaped Implements: thirteen Flakes and five Cores, 99 with palæolithic patina, from Larne, etc. 100 A similar lot ARROW HEADS & OTHER IMPLEMENTS OF FLINT, FOUND IN COUNTIES DOWN AND ANTRIM. 101 Sixteen very fine barbed Arrow Heads; and five others, with indented bases, on three cards 102 Forty-eight barbed and stemmed Arrow Heads; and forty-one others, in black basalt? of varied types, found at Ballinaloot, rare, on six cards 103 Nine kite-shaped Arrow Heads; nine good examples of large barbed Arrow Heads; twelve stemmed specimens; eighteen indented examples; and nine others, on six cards 104 Thirteen fine large barbed Arrow Heads; and forty-seven others, of varied types, on five cards

1					
THE T		11	First	Day	
80- 5. 105	Ninety two Arrow	Heads, of varied t	ypes, on six cards,	some 92	
(\$10 kg 9. (106)	Ninety-five others, o	of varied types, on fiv	ve cards, some fine	95	1
107	Eighty-eight others,	, similar, on five card	ls, some very fine	88	3/15
70/- 0 108	Fifty-seven others,	of varied types, on fi	ve cards, some good	57	5/10/1
40/- 90/- 109/	Sixty-three others, good lot	some with polished f	faces, on five cards, a	very 63	7/5/
40 (110)	Seventy-three other	rs, some rare forms in	ncluded, on six cards	73	
15 90-0-111	Seventy-six others,	varied, on five cards	, some very fine	76	
50- 80 112	Fifty-three others, of five cards	of varied types, some	fine examples include	ed, on 53	
401- 105-113		Spear Heads, of earlie five cards, some fine	arly form; and fifty	eight 65	
405 80/ 114			both faces ground of varied form, on		
40/ 37 115 1	scars of the shaft American bone s	; a barbed specimen	Arrow Head, showing, mounted in a piece of Arrow Head; and pecimens included	of an	9/10
50/- 5. 116	Sixty-one varied e	xamples of Arrow I	Heads, on five cards,	some 61	
757- 7. 1171		ne lozenge-shaped La six others, of varied	ance Heads, some of types, on five cards	early 65	74
118	Sixty-nine selected extremely fine lo	examples of Arro	w and Lance Heads, as included, on five car	ds 69	軍11
50f 5. 88/ 119		shaped Lance Heads, of varied types, on	s, some partly ground five cards	; and 78	
120			Head (used in curing of	cows);	
80/ 10.	** The "elf dart," of	, all fine, on one card or arrow, was popular r to cure sick cattle. nd edition, p. 365).	rly credited in Ireland (See Evans' Ancient	l with Stone	7
70/- 6. 121	scar in the centre	e of the blade, 31 in	dint, having a light-co on long, found in Crai ol. XLIII, fig. 3, p.	g Bog	

10 pippleton

Lot	another of more slender form, with a similar scar (also in trated); and two others, with scars; all found in Co. Ante on one card	
4	** The interesting missiles showing the scar of the original are shaft, are of the highest rarity.	row
50/- 5. 122	Portion of the wooden Shaft of an arrow head, with the orig binding of sinew, found in Kanes Town Bog, also of the high rarity (see Jour. Anth. Inst., vol. XXXIII, p. 55)	Pr. Late Land
50/ 5. 123	A leaf-shaped Lance Head, showing scars of the shaft, 3 in. lo found at Curncarney, near Kells; and another of broad loze form, with similar scar, also of great rarity	
30/- 50/- 124	Two others of javelin head type; and two smaller specimens, showing similar scars; Co. Antrim	all 6 15
6/15/ 50/ 5. (125)	A coarsely chipped lozenge-shaped Flint used for curing cattle; for Craigbally (see previous note); and two small Arrow Heads	rom 3
35/2 50/40/ 126	Twenty-five selected Arrow Heads of varied types, all very fine	25 3/3/
25/ 127	A similar lot	25 80 -
201 127	A similar lot	25 5/5/
20/ 128	A similar lot	25
30/ 129	A similar lot	25.5/4/4
30/- 130	A similar lot	25
30- 131	A similar lot	25/34/-1
30/- 132	A similar lot	25 4
30/ 133	A similar lot	25 /10 te
30/ 1134	An unusually fine kite-shaped Lance Head, with extremely deliced chipping, and remains of polishing on the two faces, 6 in. log found in peat between Bellaghy and Castle Dawson [Pl. 1]	cate 35/
25/35 135	Another, with strong angular projections towards the base, chip only (repaired), 54 in. long, found at Glenleslie [Pl. I]; and finely chipped lozenge-shaped Lance Head, 4 in. long, found Ballyvady	d a 9/_/_
2.57 30 136	Another, in grey flint, most delicately flaked, with polish on h faces, $5\frac{7}{8}$ in. long; found at Tyhorney [Pl. 1]	1 3 /
	* Both Nos. 134 and 136 are illustrated in Jour. Anth. Inst., XXXIII, pl. XI.	cor.

	7	Duy
20/2 30/2 137)	A finely chipped Knife, $3\frac{3}{4}$ in.; three "Points à cran" of Sotype; nine Arrow Heads; two other Knives; four other Inments, found at Portstewart and Grangemore; a leaf-shance Head; and a leaf-shaped Blade, $3\frac{5}{8}$ in. long, four Watercloney, both fine	mple- paped 2/10/
357 6 138	An interesting series of seventy leaf-shaped Arrow Heads Antrim	; Co.
139 7	A similar series	69 60
30 this 140	Another series	70 757
23-40 -141	A similar lot	70 90/
142	A similar series	70 70/
VA 9 143	A similar lot	70 78/
1 144	A similar lot, some fine	70
145	A similar lot, some fine	70 70/
(4) (146)	Another series, chiefly of the barbed and indented types,	some 70
147	Another series, similar	70 -5/-/-
50/ 148	Another lot, similar	7046
149	Another lot, similar	70
150	Another lot, similar	70 3/18/
50/ 151	Another lot, similar	70 4/-/
(152)	Another lot, similar	70 4/5/
(4/-) 153	Another series of selected varied types	70 3/6
154	A similar series	70
50L 90 155	A similar series, very good	70 4/-/-
156	A similar lot, including a tiny example, all good	70 3/18/
157	A similar lot, all good	70
158	Another good lot, including several serrated examples	70 3/-
159	Another series of varied types	7068
9 160	Another series, similar, some good	70/10
161	Another series, several serrated	70 3 1
162	Another series, some very fine	70 4/10 -
163	Another series	70 Col bailos
164	Another series, some fine	70 3/81 9 10
		10 - Far

		165	Another series, some fine	70	
-	50-90	166	Another series, many fine, including a fine lozenge-shaped Ar Head	row 70	
		167	A similar series, some very fine	70	701-1100
		168	Another lot, chiefly of leaf form, some very fine	70	65
		169	Another series, some very fine	70	657
		170	Another series, including many barbed varieties	70	64 L
		171	An interesting series, including a lozenge-shaped Lance Head unusual size, and some rarer varieties of Arrow Heads	70	
1108	ta/ 90	172	Another lot, including many fine barbed specimens	70	
4127	201-	173	Another lot, some fine Lance Heads included	70	201
		174	Another series, including many varieties	70	
		175	Another lot, varied types, some very fine	70	1 3 2
		176	Eighty-seven leaf-shaped Arrow Heads of varied types	87	
		177	Another lot, similar	87	
90/	50/ 85]-	178	An interesting series of leaf-shaped, indented and partly finis Arrow Heads; Co. Antrim	hed 114	
0	604 5.	179	Another series of Arrow Heads of varied forms, some of rich colour, others made of basalt (?), many of them beautifully chipped all with Antrim localities		-1-0-25
		180	Another series of varied forms; found at Culbane	50	55
-		181	A lot of fifty-three Knives, Spears and Arrow Heads, some in page 15 cess of manufacture	pro-	60/
()	0	182	Another series of Spear Heads, showing various stages of ma	nu- 66	1/
		183	A large series of Spear and Arrow Heads, tanged and barbed, leaf-shaped; found in the Bann	and	July .
20/-	五字 4.6	184)	A very fine leaf-shaped Lance Head, $4\frac{1}{2}$ in. long; another of loze form, $3\frac{3}{4}$ in. long; a Knife, with grinding on one face; and eighther all from Antrim, a good lot	00000	100 1 100
		185	Another lot, similar	20	
		186	A similar lot	27	1 21/2
		187	A similar lot, some fine examples included	21	2/15/2
		188	Another lot, similar	37	4/5/- Mark

CT301

1		15 First D	ay
501-757-	189	A Spear Head, of elongated kite form, well chipped, of unusual large size, 7½ in.; found at Carndoo (Ill. Jour. Anth. Inst., a XXXIII, pl. VIII) [Pl. I]	
25/- 30	190	Implement, of broad leaf form, well chipped, 6% in. long; found Brougham (perhaps an unfinished axe), interesting	1 6/10/
	191	Twenty very fine chipped Knives, of varied form	20 (A)
	192	A similar lot	20 3/8/
	193	Another lot, very fine	30 7014
	194	A selection of leaf-shaped Knives; tanged examples; and Bore all good	rs, 68
	195	A similar lot	40 2/15/-
	196	A similar lot	40 45%
(m)	197	A similar lot	40 387
35/60/-	198	A similar lot	40384
7	199	A similar lot	40 35 Kell
	200	A similar lot	40
TO THE	201	A similar lot	40
3/5	202	Fifteen unusually fine leaf-shaped Knives; and six unfinish Knives or Spear Heads, on two cards	ed 21
80-1	(203)	Fifteen tanged Knives; and ten unusually fine leaf-shaped Knives on two cards	res, 24
War 151	(204)	Another series, varied, on four cards	36
310 L	205	A fine serrated leaf-shaped Knife; twenty-one others; and twe tanged Knives, on three cards	lve 34
3101	206	Another series, assorted	50
	207	A similar lot	50
	208	Twenty selected examples of Knives	20
51	209	A similar lot	20 40/
0	210	A similar lot	20 35
(60F)	211	A similar lot	20 sol - Dewrence
	212	A similar lot	20
6 Int	213	Seventeen fine Knives; three very fine tanged examples; and seventeen	
9175		very fine Borers	27

First	Day 16	
(10) 50/- 75/214)	A Knife, of chipped flint, with rounded sides and square end, of unusually fine workmanship, $3\frac{7}{8}$ in. by $3\frac{1}{4}$ in.; found in Carried Bog, extremely rare [PI. 1]	
50/ 85 215	Another, of similar form, with ground surface, 3\frac{3}{8} in. by 3\frac{1}{8} in. Glenish; and part of another, also rare	7/15
50/ 857 216)	Another, similar, of good form, partly polished, with one sid straight, 23 in.; and another, smaller; both from Glenleslie	e 5/4
50/- 5. 217	Another, with semi-circular cutting edge and well ground surface $2\frac{1}{2}$ in. by $2\frac{1}{2}$ in., from Glarryford; and another, equally fine, from Glenbush [Pl. 1]	
357 9 65 218	Three ground Knives, of unusual type, from Culbane and Port glenone, also rare	3
6 5 501-7 5-219	Four others, in good condition, Portglenone and Kilrea, also rare	1
(3/16) 50+ 90 (220)	Another, of discoidal form, well chipped, 2½ in. diam., Rathkenny and four others	
20/ 30/ 221	A leaf-shaped Lance or Knife; six Knives, some ground; and a large Scraper	79 89
222	Forty leaf-shaped Knives, many good specimens included 40	Hot E
223	A similar lot	
224	A similar lot	40/
225	Forty others, similar	
226	A similar lot	34/-

SECOND DAY'S SALE.

Tuesday, November 18th, 1924.

LOT	S. your
1, 9,1 227	Twenty very fine leaf-shaped Knives 20 2 4
#10. 228	Twenty similar 20 1
229	Another lot of Knives, also fine
25/ 25/ 230	A large series of Scrapers; from the Sandhills at Dundrum
	about 350 38
254 252 231	Thirty good Scrapers, Culbane; and over one hundred others, found about 130
40- 65-232	A hoard of fine Scrapers, of varied types; found in Carriff Bog 70 54-
301- 50 -233	Another hoard; from Tullynahinion 60 65 Hanwith
234	A similar find; from Carriff Bog 40 40 40 h
3 20 4 235	A large number of Scrapers; found at Glenleslie and other locali-
236	A similar series a lot 58 kulling
29 40 237	Forty selected Scrapers, all fine
238	Another series, equally good 40 244
40 239	Thirteen hollow Scrapers; a Knife; three others, found at Three 5. Towns Braid; sixteen hollow Scrapers, found under a stone at
	Glenhead; and eight Implements, from Maghery, an interesting lot, in three boxes 41
5. 10 210	Sixty-five hollow Scrapers, with semi-circular notch in the blade 19 (some serrated), probably used for smoothing arrow shafts and
	bone pins 65
30/- 30/-241	About 260 small Scrapers; all found in Ireland
40/- 50/242	A hoard of 138 Scrapers; found together at foot of a peat bank at Glenhead, 1911 138
50/ Bax 75/243	A series of Scrapers, some circular, others hollow, some of button form, and others; Cullybackey, and other localities, on ten cards
	P.

			Second	Day 18
	20/-	25/-	244	Five fine ochreous Scrapers, foun others, found at Dunboy
	30/-		245	A hoard of seventeen fine Scrape bog at Beggarstown
	30/-	357_	246	An interesting series of hollow Ser
	30/-	1	247	A similar lot
		(Gre)	248	Another lot, equally good
		0	249	Another lot
			250	A similar series
			251	Another lot, similar
	1010		251A	Another lot, similar
ky	Thorne	ou	252	Another series
	410		253	Fifty others .
	11,		254	Fifty others
			255	Fifty others
		-	256	Fifty others
1	-		257	Fifty others
	30/	Cal	258	Fifty others
			259	Fifty others
			260	Fifty others
	471		261	Fifty others
	1-00-		262	Fifty others
1			263	Fifty others; two other Scrapers
	80+		264	Fifty-two tanged Knives of flint
(4	al ye of		265	Thirteen barbed Arrow Heads; a types, all good examples
-	2. 6	1210 IS	266	A similar varied series
	300	100	267	Another lot, similar
	30/-		268	A similar series
	201-		CONTRACTOR OF THE PARTY.	

30/-

1	Five fine ochreous Scrapers, found together near Connor; and	d five 34 frem
7	others, found at Dunboy	10
	A hoard of seventeen fine Scrapers; found together in a hole	
	bog at Beggarstown	17 M. Suiver
	An interesting series of hollow Scrapers, some serrated	50 36 m
	A similar lot	50 35
	Another lot, equally good	50 25 Glde
	Another lot	50 26
	A similar series	5022
	Another lot, similar	50 18
	Another lot, similar	50
	Another series	50 20 gull
	Fifty others .	5020 NO
	Fifty others	5020
	Fifty others	50 20
	Fifty others	50 20 Juli
1	Fifty others	50
1	Fifty others	50
	Fifty others	50 10 Zelder
	Fifty others	5024
	Fifty others	50 1 Jewon
	Fifty others	50 ble offer
	Fifty others; two other Scrapers; a Knife; and two Flakes	55 18
I	Fifty-two tanged Knives of flint	52 Com
	Thirteen barbed Arrow Heads; and thirty-seven others, of v	aried
	types, all good examples	50
	A similar varied series	50 2/1
1	Another lot, similar	50
The same of	A similar series	50-2/18
	A smaller series	362/g/- 7em
	Another series, including many barbed varieties	402/10/ 17/9
1	Thirty tanged Knives, some good	301 cum 3/16

-7	19 Second Day
20/- 20/- 272	Sixteen leaf-shaped Arrow Heads; an indented variety; two Borers; a Knife; and a dumbbell-shaped stone object; all found at Culbane
12.5 273	Thirty good Flakes, many of them used as saws, all with localities 30
17 1 14 274	A similar series 30 14
30/ 34/ 275	A fine leaf-shaped Knife with serrated edge; a combined Saw and Scraper; and twenty-two good Flakes, some used as saws 24
4M 276	Twenty-six Knives and other Implements, found in the River Bann, several very fine; and three chipped Axes, Glenleslie and Cushendall
80/ 6. 277	A finely formed stone Disc with sharp edges; and seventeen others, similar, with flattened sides, many from Ballymena, an interesting lot
1525 40 -277 A	Twenty slug-shaped Knives; and twenty-five tanged Knives 45
(278)	Twenty-two slug-shaped Knives; and twenty-eight tanged Knives 50
279	Another lot, similar 50 28
HW (36 8280)	A similar lot
281	A similar lot
50/ (282)	Fifty tanged Knives of flint 246-
(283)	A similar lot
284	Another lot, similar 50
201 285	A similar lot 50 grant
20/ (286)	A similar lot 50 Well Tolate
20/- (287)	A similar lot
20 0 0 288	Twenty-one small flint Borers; Culbane 21
2402 289	Thirty-three pigmy Implements; Culbane, rare 33
50/ 290	Twenty Borers and Pigmies ; Culbane and other localities 20
Hot 50 291	Thirty-four Pigmies of varied types ; Culbane
40/ 30 292	Nine Pigmies (all figured in the Journal of the R. I. A., vol. XXX, pl. 13)
35/40/-50(293)	Nine fine tanged flint Flakes or Spear Heads; from Cos. Antrim and Derry, on card
40- 20-294	Eleven fine Knives; and sixteen good Borers, from the same localities; on two cards
TIES TO SERVICE TO SER	B 2

Second	Day 20	
40/- 36/40/ 295	Sixteen triangular Knives; and Fifteen very fine Borers; Cos. Antrim and Derry; on two cards 31	36/cm
401-6-16 296	Twenty good tanged Knives; and thirteen tanged Flakes and Knives; from the same localities 33	2/16/
40/ 45 (297)	Two unusually good oval Knives; two Implements of unusual form; small polished Axe, from Craigs; and three small polished Axes, found together in the Bann 8	4 of Cur
40/ 4/ 298	Four unusually fine Saws, rare; four worked Flakes; and nine unfinished Spear Heads; on two cards	2 15 Hen
299	Twelve unusually fine Scrapers; and a fine leaf-shaped Knife; found in Co. Antrim; on card	2/6-
30/ 300	A large series of Flint Scrapers; from various Irish localities about 300	40 Elder
406 (60) 40 (30)	A similar series about 300	
25/- 25/302	Another series about 300	201
25/- 25/303	A similar series about 300	To Rule
201- 304	A similar series about 200	
257- 27-(305)	A number of Cores of varied types; found at Culbane 75	741
351-306	An interesting series of small Flakes, same locality about 210	12/ 20
40/ (49) 10/307	A large series of Flakes, including a number with secondary chipping; found at Clough and other localities about 250	1 12 als
40- 50 3085	Six Flakes, found in a fort at Kells; and five good Saws, from various localities, rare	50-
HW L 309	A Saw, found at Kanestown (Ill. Jour. R. I. A.); and fourteen others	A
364 50 310	Eleven Saws, some doubtful 11	7/ Bu
3117	A similar lot	6 to le
20/- 312	A series of chipped Axes, Scrapers and other Implements; found at Tievebullagh 37	38/14
30/ 313	A series of about two-hundred-and-twenty small Flakes; found at Culbane 220	
20/ 34/ 314	Another series of 100 larger Flakes, some with secondary chipping at the point, Culbane 100	24
20/ 50/315	Twenty-eight triangular Flakes, found together at Mosside; and six other Flakes, unusually good 34	28/- Haun

AG	21 Se	cond Day
20 316	Forty-seven Arrow Heads; a Knife; and three Flakes daubtful antiquity	; some of 51
157_317	Fifty flint Knjves; from various localities	50
A 70 318	Fifty others	50
757 319	A similar series	50 20/
320	A similar lot	50 pt & wrent
32143	Sixty-three others	63 18
322	Two-hundred flint Scrapers of varied types	200 HT
207 323	A similar lot	200 35 Kalen
15 324 324	Another lot, similar	200 32
20/- 325	A similar lot	200 30
10 30 - 40 (326)	A similar lot	200 12 Well
× 40 40 (327)	Forty Cores, and nineteen worked flint Flakes, some good	7 59 42
× 257-50 328	Thirty-five Flint and other Implements, some of cave for ding a few from Somaliland for comparison), on four interesting lot	ms (inclu-
H.W. [329	Twenty well chipped flint Implements, suggesting the point, various localities	Moustier 18 - Sand
257-50 - (330)	A similar lot	20 14 80
\$ 25/40 - (331)	A similar lot	20 2
304 101 (332)	A similar lot	20
618 3 L (30 (333)	Five fine Points; and eighty-nine Scrapers of varied type	r-nine tiny 12 Well
X 40 40 (334)	Five tiny Borers; thirteen pigmy Implements; and thirty	** / / /
335	Flakes; from Castlerock and Portstewart, Co. Donegal Three tiny Borers, Castlerock; four tiny Scrapers, Bundo	11.00
30	others, Dundrum; and a number of tiny Flakes, var	rious loca-
	lities	a lot
357_(336)	Seventy flint Scrapers, of selected types	703
20 337	A similar let	70 94 KM
WW 338	A similar lot	70 21
339	A similar lot	70 18 CWW
401 50 (340)	Sixty-five others, many of them with deep notches in the from White Park Bay and other localities	e outline;
40/	Trone White Law Day and other totalline	

	Secon	d Day 22	to love
HW	25) - 341 361 342	A series of fifty fine Scrapers, including two of unusual size Another series, some fine	50 63 - Sarlor
-	247 343	A similar series	100 30 Wille
20/	344	Another series	100 20 males
357-	345	Another series	100
11.11	346	Another series	100 14/ Swift
AM	347	A similar series	110 Webb 200
20/	348	A similar series	110 N 40
301	40		110
301	- Concession on	STONE AXES AND HAMMERS.	
	9-1	FOUND IN COUNTIES ANTRIM AND DERRY.	Sweek
\$50	349	well polished Axe, of diorite, 6\frac{1}{8} in., Culbane; another, in the highly polished, 6 in, Bushmills; and five others; a good by	pasalt, 2/15
50/	350	A well formed Axe, of rounded section and slightly flattened	sides, July
00/		64 in., Antrim; another, of broad form, with expanding 64 in., Coleraine, very fine; and four others	edge, 2418
~1	50 (351)	A large Axe, $9\frac{1}{2}$ in., Bann; another, $6\frac{7}{8}$ in., Kanestown; and	seven of Court
50/-		others	9 34 10
60/-	607 352	A good Axe, of broad form, of diorite, 6\frac{1}{2} in., Cushendall; an act basalt, rare; an Axe, of light stone, with flattened sides, 6 and six others	
50/	50/(353)	A small Axe, found near Cullybackey on a grinding-stone; and	other, Tol
		suggesting the early form of bronze axe, $3\frac{3}{4}$ in.; and others	seven 10
	50 354	A finely ground polished Axe, of basalt, with narrow cutting	and I Shake
501-	1	8 in., found near KNrea; another, in basalt, of good broad	
		7½ in., Braid; and seven others	9 1 1 93
75/-	355	A well formed polished Axe, of diorite, $5\frac{1}{2}$ in., Forks Bridge; others, of fine quality; and five others, of varied types	three 3
40/	356	An Axe, in basalt, with flattened sides, 5 in., Portglenone; and of almond form, Glarryford, rare; and ten others	other, 50
40	(56) (357)	A small Implement, with gouge-like edge, rare; another, of outline, Ballycarry; and ten others	
the to	CK) -358 1	A basalt Axe, of good form, 6½ in., Lavin Bog; a very fine exa	
30 30		with oval section, 73 in., Watercloney; and five others, all g	
	and the same of		N

	23	Second Day
407 70 359	Another, in basalt, with oblique cutting edge a narrow example in light stone with p Ballymoney; and five others; all good	
70+ 75 (360)	Twenty-one polished stone Axes, from various los	calities, some good 21
604 857 (361)	A similar lot	21
50/- 65 362	A well formed Axe, in brown stone, 4 in., four $Bann$; another, in basalt, well polished, $4\frac{7}{8}$ if other Axes, of small size; all good examples	n., Rathlin; and ten
30/- 363	Twenty-one Axes, of varied types	21
364	A similar lot	22 5
50/ 365	Seventeen others, some good	177
50 366	A very fine polished Axe, of basalt, with broad	
401	found at Six Towns, Co. Tyrone; five others, an Adze, with pointed butt, found in the Ban all unusual forms, very fine	
40f 40f 367	Another, in basalt, with broad cutting ed, example in hone-stone (?), with flattened Kilkenny; and five others; all good specime	sides, 4½ in. long,
60f-80/368	A large Adze, in basalt, partly polished, 101 coll.; an Axe, in diorite with roughened but a curious Axe, of oval form; and four other lot, and all marked with localities	t, Glarryford, rare; 1
50/-55/369	A finely polished basalt Axe, of narrow type, another, in light stone, with flat sides and political another, of broader form, 8 in., Du basalt Axe; and three others; a good lot	inted butt, 7 in. long,
6. 6. 370	An unusually fine Axe, in black stone, of oval s pointed butt, 11 in. long, found at Baltee heavy and thick Axe, of diorite with ovoid of found near Cuskendall	; and an unusually
657-657-371	A finely polished Adze-like Implement with fi found near Kilrea; another, with unusually and incurved sides (probably of the early bro- found near Randalstown; and two others	broad cutting edge
60/- 60(372)	A finely formed basalt Axe, with unusually his another, of good form, 8 in. long, found at two others, smaller; all good	gh polish, 8 in. long; Magharabane; and 4

Rock

Milor

Secon	d Day 24
9. 9. × 373	An unusually large and fine Axe, of polished basalt, with broad cutting edge, the sides tapering towards the butt, and of oval section; found near Coleraine (see Ulster Journal of Archwology, vol. IX, page 7, 1903) [Pl. 11]
8. (374)	An interesting Adze, in basalt, chipped into form and curiously "humped" towards the centre of one face, and tapering gradually to either end, 14½ in. long; found at Clougheen (see same publication, 1906, plate 32, figs. 3 and 3A) [Pl. II]
7. 375	Another, in brown stone, with broad cutting edge and slightly tapering sides, one face more curved than the other, 12½ in. long; found at Ballycarry, fine and rare [Pl. II]
4: 4. 376	Another, with narrow butt and rounded cutting edge, 9½ in. long, found at Armoy; another, 8½ in., found at the foot of Slievegalleon; another, from Glenwherry; and another, 8½ in. long; all good specimens
7. 7. 377	A roughly chipped Axe, of basalt, with sharp sides, 13 in.; found at Armoy (see Ulster Journal of Archwology, 1903, vol. IX, page 7) [Pl. II]
5. 5. (378)	A well formed Axe, of basalt (?), with rounded sides and pointed butt, 12 in. long, found at Sulbane
8. 12 (379)	An Axe, of curved form, in light stone, 14 in. long, with interesting label; and six other large examples, some of doubtful antiquity 7
401- 50 (380)	Twelve others, some of doubtful antiquity 12 5% Well
85/- 5. (381)	A selected series of twenty polished Axes, all good examples 20 60
70 80 382	A similar series 20 651 Theka
950	Another selected series 20 757
754 706 384	A similar lot
704 385	A series of twelve Axes; and four Adzes
	A selected series of twenty Axes
200	Another series
WW 389	A similar lot A similar lot
390	20 @8/
65	An Adze, of chipped basalt; a Gouge; four Axes, with pointed butts; and three others; all good 10 2/15/
70/- 70/391	Another series of twenty Axes
1	5

CV			7	
100	1000	12 16	1.1	1404
Se	uun	seee.	11	en er

	_	25 Second Day
70/-	70/- 392	Another series, including several of narrow form 20 2115
70/	7/1 393	Another good series, of varied form
77	1 78 (394)	A similar series
7	70,395	Two Adzes, in polished basalt; a curious "Side Scraper," in same
10/-		material; a well-formed Axe, in light stone, with flattened sides; another, with oblique cutting edge; a Gouge, in basalt, rare;
		and four other Axes, all good
12.	12 . 396	An unusually broad Axe, in basalt, 84 in. long, found near Coleraine;
-	7 1 1 1 1 1 1 1 1	two others, of large size; another, with oblique edge; and two others, smaller
	0 397 (An unusually flat Axe, 5 in. long, from Lough Mourne; an Adze,
80	110	with chipped sides, and ground edge and under face, from Port-
	1	glenone; an unusually narrow Axe, of circular section, $5\frac{1}{2}$ in. long, Glenisla; a curious Axe, of oval outline, with sharp sides;
		a well-finished Adze, Clough; and four others
7.0/-	76 (398)	A Chisel, in basalt, 3½ in. long; an Axe, in light stone, with notches
1-	1	at the side 64 in. long, rare; a curious basalt Axe, chipped on one face and ground on the other; and nine others, all good 12
7.	- 5899	A well-shaped Adze, in basalt, with pointed butt, 5½ in. long; two
10/-	1900	Gouges, rare; and nine Axes, of varied type, all good 12
00	Q 1 (100)	Four narrow Axes or Chisels; three Adzes; and seven Axes, a very
- 02/-	Total and	good lot
801	801-401	Hour Adzes; and nine Axes, all good
95	1 84	An Adze, of narrow form, in grey stone, Portglenone; two other unusually good Adzes; two Chisels; and eight Axes, a very good
-		lot 13
701-	70/103	Five Adzes; a good Chisel; and seven Axes, also very good 13
80/-	50/2(104)	Forty Axes, in various materials, some of doubtful antiquity 40 12
60H	(5)-	Twenty-one small Axes, some doubtful 21 6
757=	75 406	A curious broad Axe, with chipped butt; a Burnisher, found at Scienish; and twelve Axes, a good lot
dot	801407	Twenty Axes, of good type, from various localities 20 70/-
80/-	80(108)	Twenty-four stone Axes, of curiously light weight (perhaps models);
89		found in the Bann
804	80 409	A series of twenty Axes, of varied types 20 79
TAL	70/410/	A similar lot 20 60
-	-	

Deconic	Tug 20	
80/ 80 (11)	An Adze, with pointed butt; a chipped Axe, with similar butt and ten Axes, various	_
70/- 70/412	A small Adze, with curved cutting edge; three others, larger, o good form; and twelve Axes, also good	
(5 an 9 413)	A large series of polished Axes, some interesting examples included 60	05
60/-60/-414	Three Axes, with grooves ("tracks") on the face; a curious Knife like Object, polished on one face; a good Adze; half a well chipped Axe, of basalt; and four others, all of interest	1-
60/ 60/ 415	A well-formed Axe, with roughened butt; a roughly-chipped Axe in basalt; two Adzes; and eight Axes, a good lot	
5. 6.416	A Box, containing a large quantity of stone Axes, some in proces of manufacture, and some of doubtful antiquity, an interestin lot	g
851-857-417	Twenty-five polished Axes, of various types and materials, man good specimens included 2	y 5
757-757 418	A similar lot 2	5 .
m # 419	Another series 2	5
73 420	A similar lot	15
65 421	A similar lot 2	25
75]- 422]	Ten polished Axes, of larger size, and of good form	10 (
104 29 (423)	Twenty others, of good type 2	203
70+ 424	Fifteen others, of varied type	15
801 (425)	Twenty-two others 2	22 5
70- 80 426 t	A well-ground Adze, in basalt; a well-chipped Axe, with ground edge, rare; a Burnisher; a curious Axe, with depressions at side and a bored hollow on one face, rare; and nine other stored implements, all of interest	est
857- 857 427	A Chisel, in basalt, of good form, 5 in. long; five Adzes; a Bunisher; a chipped Chisel, in basalt; a stone Pendant; and sixted others, an interesting lot	
80 90 428	An interesting series of Burnishers, in varied material	10
an 90 429	A similar series, including one with finger depressions on the faces	10
80-00 130	Three Adzes; a Gouge; and twenty-one polished Axes, some ve	27

good

Second Day

nilar butt; 6 larger, of ncluded 60 ipped Axe, in process rials, many 25 ons at sides# ther stone

THIRD DAY'S SALE.

Wednesday, November 19th, 1924.

11-1	The state of the s		
mench		LOT	
Toke	A flint Axe, straight-sided and square-ended, with sharp sides, of flat section, partly polished, $6\frac{7}{8}$ in. long; and another, of same general form, with truncated butt, $7\frac{1}{2}$ in. long, found together at Clogher, both very fine, and rare in this material [PI. 1]	6. 449	30/-
17 18 2	Another, of flint, unusually well-chipped, with sides tapering to the butt, which is pointed, 7\frac{3}{4} in. long (illustrated in R. S. A. I., vol. III, part 11); and another, of lozenge section, also extremely well-chipped, 6\frac{3}{4} in. long, found at Forked Bridge [Pl. 1] 2	5, 150	7%
Toke	A well-chipped flint Adze, 6 in. long; an Axe, with ground cutting edge; two others, of narrow form, chipped only; and one with pointed butt, having the edge ground on one face, a good lot 5	761-451	651
mies	A well-formed broad Chisel, with ground edge, $6\frac{1}{2}$ in., found at Maghera; and another, with extremely fine chipping, $6\frac{3}{8}$ in., found at Cruckin [Pl. 1]	- 657-452	6
Toki	A polished flint Axe, 5% in. long, Donegore; and four others, all with localities, all good specimens	60[-453]	
	An unfinished Axe, in flint; another Axe, well-chipped (see R. S. A. I., vol. III, part 2, page 126, fig. 20); and four others, all with localities	60/454)	
	A partly-polished flint Axe, of narrow form, 5\frac{1}{4} in. long, found near Clough; five others, all with localities; an Adze, Ballintoy, rare; and a Flake, with ground surface	70 455	
	another, Knockans; another, Glenaan; and five chipped Axes 8	757 456	7
4/12)	Three similar flint Picks; and seven chipped flint Axes, all with localities	- 10 457	6
25/29	Four smaller flint Picks; a curious notched Implement, in basalt; and seven chipped flint Axes	35 458	35
	An interesting series of flint Fabricators, Picks and other Implements; and a Flake of Rock Crystal, found near Cookstown, very	45/459	140

	algorian Tell stables	dwy
	gelge tells togethe	Willow one
	29 Third Day	
50 460	A well-formed Axe, with ground edge, $4\frac{7}{8}$ in. long; an unusually good Pick, found at Galgon; and four others, all good examples 6	Fake Palish
40/461	An unfinished Axe, of flint, found at Dungarvey; a partly-polished	Thomas Ed
	Chisel, of good form, $5\frac{3}{8}$ in. long, Cloughmills; a well-chipped pointed Implement, $4\frac{7}{8}$ in. long, Glenish; an Axe, with straight	11 1 1/2/
	sides, ground at the edge only; and three others, with localities marked 7	, of series
45 462	A well-formed flint Chisel, $3\frac{1}{8}$ in. long; a narrow Axe, of good form, $4\frac{3}{4}$ in. long, from Glenleslie; a partly-polished Axe, $5\frac{1}{2}$ in., from Kells; and six others, all good specimens, with localities	
48 463	Two flint Adzes, rare; a Chisel with ground edge; and six others, chipped into form, of small size	2/65/- 4
10 464	A finely formed flint Axe, with straight sides and ground edge, found at Armoy; another, ground all over, with pointed butt, Culbane; another, smaller, Glenleslie; one of rich red brown colour, from Three Towns; and three others, all with localities 7	and a li
30 465	A well formed Chisel, from Castlegore; another, smaller; six small Axes or Chisels; and nineteen others, all of flint 27	Sall Sel
30 466	An unusually small polished Implement of oblong form (probably a Knife); two small Chisels; and five small Axes, all of flint, and found in Co. Antrim, an interesting and unusual lot	
50/ 70/- 467	Twenty Axes; and five small Axes or Chisels, all of basalt 25	
468	A similar lot	
40/ 469	A similar lot 25	
HOT 470	A similar lot	()
40t 100 471	A similar lot 25	
40 02 172	A similar lot 25	- 18/A , 0
38 478	A similar lot 25	In menones
641 4749	Fifteen polished Axes; and ten smaller Axes or Chisels 25	CHANNET !
475	A large number of Axes of varied forms, many made of shale and some of doubtful antiquity	
476	Four basalt Adzes; four Chisels; and eleven polished Axes of	In type
40	various sizes, a good lot	THAI
80 90 477	Twenty Chisels of varied sizes, all of good quality	The transfer of the transfer o
478	A similar lot	
70/ 479	A similar lot	1000
757 10192	-	
NAME OF TAXABLE PARTY.		

This	d Day 30	
504 70 180	A small well-polished flint Axe; seven small flint Chisels; three large basalt Chisels; four smaller examples; and a curious leaf-	
	shaped Knife of basait, a good tot	XL
757- 75/481	An Adze of New Zealand type, said to have been found at Culbane and nine Irish Axes, some good, marked with localities 10	Webs
182	A similar lot	2/15/200
80/- 80/- 183	A curious Polishing Stone of chert, found at Culbane; a roughly chipped Axe in basalt, from Coleraine; an Axe of diorite, with oblique edge; and seven other Axes of varied types 10	=/180/-
8 70/- 70/- 484	A very fine polished Axe of basalt, 7\frac{2}{8} in. long, found at Crommelin; another, 6 in. long, from Magherabone; a smaller example, from Glenhead; an Adze, Ballyscullion; and two other Axes 6	63/
5/5/801-485	A massive Axe of grey coloured stone, $8\frac{1}{2}$ in. long, found near Kilrea; another of basalt, with oblique cutting edge, 8 in. long, from Glenhead; and four others	
857- 857 486	An Axe of sandstone, $10\frac{1}{2}$ in. long, from Glenravel; another in basalt, $8\frac{1}{2}$ in. long, Coleraine; and four others, all good specimens	4/10/
757- 10 487	An Adze of basalt, $8\frac{1}{2}$ in. long, found at Clough Mills; another, well-polished, with oblique cutting edge, $7\frac{3}{4}$ in. long; and three others, all good	4/-/-
70/- 70/-488	A small Adze in basalt; and nine Chisels, all good examples 10	667-20
149/489	A similar lot, also your	- J- 90d
40/ 490	Another lot, also good	To be
257 491	Another lot, some good	10/- Gum
50t 492	Two "waisted" Axes; and sixteen small Axes, some doubtful, from Culbane	Taken
50 50/193	22	take
50 494	I Twenty Whetstones of varied forms and periods (some prehistoric),	
(6) 6.	on two cards	ald
5. 495	specimens	
(3/8/160/ 60/ 496	Sixteen small Axes or Chisels of basalt, on card, also good ex- amples	1 10
857- 857-497	. Gu of sarly type on card and six Whetstones.	32/-

_	Third D	lay .
X 757 7. 498 /	A very fine Archer's Bracer, in honestone, with two perforations either end, 5 in. long, of the early bronze age, extremely rand fourteen smaller stone Bracers and Whetstones, on card good lot	re; 13/13/-
50/- 199	Six stone Objects, probably Bracers, of the bronze age; and n other stone Objects	ine 15
79- 75/500	A Whetstone or Ornament, with incised strap and other ornam on either side; a button-like Object, both curious; a Stone I nisher of conical form, probably Neolithic; four early st Pendants; and nine Burnishers or Whetstones, some of the phistoric period	one of Kuler
80/ 80 501	Thirty Whetstones, of various periods, some good	30 4/15/
80-80-5021	Thirty-seven others; a Cast of a rare Whetstone; and an 1 century Wig Curler	8th 50/ 39
€ 8.16 - 503	A collection of Irish stone Spindle Whorls; and a few stone Be some decorated, on four cards; a few American Examples cluded for comparison, a very interesting lot	
80L 504	Thirty stone Spindle Whorls, chiefly of the prehistoric period	30 4/15/ priffin
505	A similar lot	30 657 miles
60 60 506	Another lot, similar	30 00 Dele
60/ 60/ 507	A similar lot	30 / Feteter
60/ 508	A similar lot	30 2 / 2 REAL
60/ 60 509	A Spindle Whorl, made from a piece of petrified wood, curio	Tonley
5	five decorated Whorls; and fifteen others	21 101- 21
1. 4 55 510	Thirty-two Spindle Whorls; found at Culbane	32 7
511	A similar lot; from the same locality	32 Willela
60/ 512	A string of fifty-one Spindle Whorls (some decorated) and Bead early type (including a bronze Whorl); found in Co. Antrim	
80/- 513	Two Stones with cup-shaped depressions on one face; and five Hammer Stones with indents on either face	fine 7
30 5 5 1 514	A similar lot 75/16	7
75 515	A massive Hammer Stone with depressions; two others, also gas a hollowed Disc; two "tracked" Stones; and three Pounder	
(5) 516	Ten Pounders, with depressions on face; ten "tracked" Sto	nes;
701-101-	and ten ordinary Hammer Stones	30 , Kul
60/-60/517	A similar lot	30 80
	+	

FFE	200		W. 1	
100	ma	100/18	Da	150
4	100	10	LU	134
				M

11111	1 Day
50/ 50/518	Another lot, similar 30 9/15/
6/ 6/1 519	A similar lot 30 787
60 520	A similar lot 30 707
60/ 521	A similar lot
65/ 65/ 522	A similar lot
50- 523	A similar lot 2 3065 Keeky
50/- 524	A similar lot
+06 3 525	Forty-two "tracked" Stones; and thirty-seven ordinary Hammer Stones 79
75-	Two stone Discs, and two Fragments, from Portstewart; and five
10/85/- 63/000	others, found in Co. Donegal, an interesting lot boy Jone 7
50 AL 10 (527)	Twenty-nine Axes in basalt, showing various stages of manufacture;
Col.	from the Glenleslie "Axe factory," Co. Antrim; an instructive
528	Four cylindrical Stones, perhaps for boring axe hammers; seventeen
6.	Honestones of various periods; and a grooved Axe in basalt, rare; from various localities 42 22
.50+ 50 529	Twenty Axes or Chisels of narrow form, in chipped basalt; and
0.7	A similar lot 26
40/ 530	A large flint Pick, found at Coleraine; and eleven others, from
D m 6/4/50 001	various localities
501 9 4 532	A similar lot
533	Twelve flint Axes and Chisels; from various localities, some good 12
HO - 534	A similar lot 12 2/15/ Fred
40/ 535	Twenty chipped flint Axes, some unfinished; from various
30t 536	A similar lot
30/- 25 537	A similar lot; and two Tranchet Axes
257- 538	Fourteen flint Picks, from various localities 14
40 - 539	A similar lot, including one of basalt
40/ 540	A very fine basalt Pick, with ground sides; and nineteen chipped
- Grot 6	Axes in same material, some very good 20
(5)	

(63/-)	7 33	Third Day	
50 - 60 541	Five Picks; a fine Adze; and fourteen A some very good examples	xes, all of chipped basalt,	
40/- 40 542	Nineteen similar Axes; and a basalt Fla A similar lot	20 6 0 - June	_
30/ 544	A polished Axe; and nineteen chipped A Pick; an ovate Implement, Cushendall (1	xes, all in basalt 20 take the	Rate
701-701-546	Twenty Axes in chipped basalt, some unfi	nished Canada 20	
50/- 547 504 548	A Pick; eighteen chipped Axes, some fi Cushendall, rare, all of basalt	Invience of the	
50/- 50/549	An unfinished Axe, 11 in. long; another other basalt Axes, some fine	20	
40/ 40/550	Thirteen chipped Axes, some good; a lost Stones; a polished Axe: all of basalt;	ong Flake: six Hammer = /	
5. 5. 551	Twenty Pounders, or Mealing Stones, som A similar lot	e very good examples 20 164 20 all	
60f 553 60f 554	Another lot, similar Two "Anvil Stones"; nine Hammers; an	20 237 20 60f h	
50 555	A fine flint Pick, found at Culbane (Ill. J.	our. R I A vol VVV	
801	Inst., 1903, pl. XXXIII, fig. 6), Cushen	basalt (Ill. Jour. Anth.	
	(Ill. Jour. R. I. A., vol. XXX, pl. XVI, fine chipped basalt Axes (Ill. Jour. Antifigs. 7 and 8), from Cushendall	fig. 80); and two other	
70/ 10/00/ 556	A fine flint Pick, from the Bann (Ill. Jopl. xv, fig. 25); another (fig. 74); and t	ur. R. I. A., vol. XXX,	
757 75 5571	A fine chipped flint Axe, of narrow type, f	III, figs. 16, 22 and 34) 5 rom the Bann (Ill. Jour.	
	flint Pick, from Culbane (same Journal, j	g, 76); a fine chipped	2
	with ground cutting edge, Coleraine (Illition C, pl. XVI, fig. 92); a flint Knife roughly chipped basalt Axes (Ill. Jour	(illustrated); and two	
40 60 538	An extremely unusual "Tracked Stone,"	from Cushendall 6 of fine quartzite, with a	
	deeply cut trough-shaped depression on o clair sandy braes (Ill. Jour. Roy. Hist.	ne face, found at Bally 3/15	

	Lot 558	
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/-	.70/559] A	1
40/-		1
-,	60 560	Fi
40/	18	A
HOT	The second second	A
40/	/563	A
40	564	A
40/	-	1000
301-	10 565	A
87-301-	-	
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004	95 570	1
90-	4	1

a Hammer	Stone.	with v	inusual co	untersunk	perfora	tion;	a stone
Pendant;	a small	Axe;	and two	Hammer	Stones;	from	various
localities							6

A roughly formed Axe, $10\frac{3}{4}$ in., found in Lough Neagh; a chisel-shaped Implement, in clay slate, weighing 4 lbs., 15 in. long, Culbane; and forty-four others, many of doubtful antiquity 46

ifty others, in clay slate, many doubtful

50

50

50

50

50

50

50

A large number of small pick-like Implements, Scrapers, and other Objects, in flint; from various localities a lot

A coarsely chipped Pick, found in the Bann at Coleraine (Ill. Jour. R. I. A., vol. XXX, pl. XVI); and a large number of similar Objects, and Picks of various sizes and types; from various localities

a lot

An Axe Hammer, of granitic material, well polished, with deeply grooved upper and lower face, 5\frac{3}{8} in. long; found at Clady, near Portglenone [Pl. II]

A HIGHLY IMPORTANT AXE HAMMER, of dark polished stone, with $4\times$ semi-circular cutting edge, cone-shaped hammer end, and strongly incurved sides; the curves are outlined with a pronounced rib, 6 in. long by 4 in. greatest width. This unusually fine and rare example, weighing 4 lbs., was found in deepening the river Bann about 1847 (see Ulster Journal of Archwology, vol. III, p. 234, and Proc. R. I. A., vol. XXX, section C, no. 7, pl. 19, fig. 127)
[Pl. 11]

A pestle-shaped Hammer, of highly polished granitic stone, cylindrical in form, with rounded ends and small circular perforation, 3\(\frac{1}{4}\) in. long, also fine and rare; found near Bushmills, Antrim [Pl. 11]

Another, of similar form, 3\frac{1}{4} in. long, found at the Commons of Carrickfergus; and a smaller example, from Lough Mourne, both rare

An Axe Hammer, of wedge form, with conical butt and broad cutting edge, partly perforated; the outer edge of the depression on either side decorated with a raised moulding, $4\frac{1}{2}$ in. long, found in the Bann, fine and rare; a perforated Axe, of doubtful antiquity; and a small Axe Hammer, found at Moorfields, Antrim 3

12/ Welch

100

4/10/ Sun

675/ Beefret

23/4

14 fair

\$ 8/10/5 Nach

	35 Third Day	
7. 7. 571	An oval Hammer, in black stone, with circular perforation, 3½ in. long, from Connor, Co. Antrim; and another, smaller, from the bed of the Bann, both rare	8/15/- Basul
4. 6. 572	An oval Hammer, with "hour glass" shaped perforation, the sides decorated with incised grooves, 5 in. long; and a cylindrical stone Implement, with the ends much abraded by use, found together, an interesting lot	5/- XX
6. 6. 573	An Axe, of diorite, with strongly curved depressions at the sides, the inner part of the depression hollowed for the grip of the fingers during use, 53 in. long, from Glengariff; an oblong Hammer, with "hour glass" perforation; and a discoidal Pebble, with the sides of the perforation rounded	14/-/->
757- 75/-574	Massive oval Hammer, of quartzite, with "hour glass" perforation, $4\frac{1}{2}$ in. long, Glenleslie; a boat-shaped example, with large perforation, $3\frac{3}{4}$ in. (probably from the Bann); an egg-shaped Hammer, of polished black stone, with small perforation, from Carnlee; and an early quartzite Hammer, with "hour glass" perforation, found at Connor	9/-1- Milan
5. 5. 575	A discoidal Macehead, of sandstone, with grooved lines round the perforation, 4½ in., found in the Bann; and six others, with primitive "hour glass" perforation (this style of perforation is considered to be evidence of Neolithic date for the implement) 7	5/10/-
6. 6. 576	A massive wedge-shaped Hammer, with large perforation, 7½ in. long, found at Aughmahoy; and three others, of varied forms 4	9/15/ Jador
2. 577	A heavy perforated Hammer; and four others, all with primitive boring	
60/- 80/-578	Another, made from a larger broken example; a discoidal Implement; another, in quartzite, of oval form; and two others, all good examples	4/0/ Parint
50/ 50/ 579	An oval Hammer, of good form, in granitic material; and five others, a good lot	1/1
757 7-580	Twelve perforated Hammer Stones	,
706-70/-581	A -: -: -:	1 Will
582	A similar lot	1
65 583	Twelve others, similar	10 th
65/584	Ten other examples; a stone Net Sinker?; and a curious oval	10/ Kulen 2/1
601	Hammer, in iron, of uncertain date C 2	of weble

IMPLEMENTS AND OTHER OBJECTS OF THE BRONZE AGE.

FOUND IN IRELAND.

	T		FOUND IN IRELAND.	
6.	6.	585	A fine flat Axe, in copper, with semi-circular edge, 6% in. long, found at Cullybackey; and two others, smaller, with localities 3	10/2
6.	6.	586	Another of copper, of heavy fabric, 4% in. long, found near Omagh, fine; and three others, smaller, with localities	Warl
6.	6.	587	Another of copper, with unusual incurved sides, and straight- cutting edge, 64 in., Ballymena; and two others, smaller, both good	0/2
6.	6.	588	Three flat Axes of primitive type, $4\frac{1}{2}$ in., $4\frac{1}{4}$ in. and 4 in. long; from Toome, Dunboy and Loughguile	TA
757-	75]-	589	A flat bronze Axe, with incurved sides, $4\frac{1}{4}$ in., Clough; another, 5 in., Ballyconolly; and another, $5\frac{3}{8}$ in., Ballymena 3	of.
-		590	A large flat Axe, expanding towards the edge, the surface showing traces of herring-bone decoration, 7½ in. long; Ballymena, fine and rare	3/- wron
		591	Another, similar, with decoration of short indented lines out- curving from the centre, and elaborately facetted sides, 7 in. long; found near Garvagh, in Cregard Bay, fine and rare [Pl. III] 1	trus
657-	657-	592	A flat Axe, with narrow butt, $4\frac{1}{2}$ in. long, found at Craig-billy (Ill. Ulster Journal of Archæology, vol. IX, p. 179, fig. 3); another, $4\frac{1}{4}$ in.; a smaller example; and a tiny copper Blade, found at Kells, Co. Antrim	15
		593	A flat bronze Axe, with curved cutting edge, the surface decorated with lines of indented dots and chevrons, 5\frac{3}{4} in.; found at Glensherry, fine and rare [Pl. III]	of him
		594	Another, with herring-bone decoration on surface, 7½ in.; found near the previous specimen, also fine	
60[-	-60)	595	A flat bronze Axe, with traces of herring-bone decoration, $4\frac{5}{8}$ in., found at Moorfields, Co. Antrim, fine; another, with slight ridge in centre of blade, $5\frac{1}{4}$ in., Ballymena; and a small chisellike object, Moorfields	

597

598

599

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601

An unusually large flat bronze Axe, with strongly curved sides, XV and curved cutting edge, the sides outlined with four parallel grooved lines and dots, 83 in. long; found at Dunnygarron, fine and very rare [Pl. III]

Three flat bronze Axes, 5\frac{3}{2} in., 4 in. and 3\frac{1}{2} in. long, all with \(\begin{array}{c} 5 \end{array} \] localities

A flat bronze Axe, with slight ridge on blade; a curious Implement, with shoulders at sides; and a smaller Object, the two latter perhaps burnishers; all Co. Antrim, an interesting lot 3

A flat bronze Axe, with incurved sides, the surface decorated with strongly engraved lines, 6% in. long; found in a bog near Durrock, Cushendall, fine and rare [Pl. III]

Another, with surface decorated with herring-bone ornament, 6 in. long; Ballymena [Pl. III]

Another, with somewhat straight-cutting edge, 62 in. long, Ballymena; two small flanged Axes; and an unusual type of Chisel, found at Dreenan

An unusually fine flanged Axe, with curved cutting edge, the surface of the blade decorated with a panel of deeply grooved parallel lines, 5% in. long; Ballymena [Pl. III]

Another, with slight flanges, having a decoration of curved and 603 straight lines of indented dots, 54 in. long; bought in Belfast, extremely fine and rare [Pl. III]

A fine example of a flanged Axe, with slight stop ridge, 43 in. long, 604 Grange; and another, smaller, found at Derry

A fine flanged Axe, with oval side flanges, outlined by a deep 605 groove, the whole surface decorated with punch marks, 6 in. long; Co. Antrim (see Jour. Royal Historical and Archwological Institute, 1889, p. 112, no. 1, pl. III) [Pl. III]

A flanged Axe, with slight stop ridge, the flanges decorated with 606 deeply grooved oblique lines, 4% in. long, Ballymena, fine; and another, smaller, plain

Another, with strong side flanges and stouter stop ridge, the centre 607 of the blade outlined with a curved band of indented dots linking up the ends of the wings, 61 in. long; found in Garvers Bog, Co. Antrim, extremely fine (see Jour. Roy. Hist. and Arch. Jour., 1889, p. 113, pl. III, no. 2) [Pl. III]

	Intra	Day	
	608	An unusually fine flanged Axe, with stop ridge, having a raised curved line connecting the two flanges, from the centre of this curved line is a straight rib running upwards to the stop ridge, 6 in. long [PI. III]	14-10
	609	Two Axes, with side flanges, and a curved ridge on blade, both with localities 2	Renter
	610	Three similar Axes, all good specimens 3	\$15/2 Feel
60/-	60 - 611	A similar lot	4/3/
	612	A finely formed flanged Axe or Palstave, with stout stop ridge and curved cutting edge, $5\frac{3}{8}$ in. long, Co. Derry; and two others, smaller	4/10/-96
	613	A winged Palstave, with stout triangular ornament below stop ridge, 4 ³ in., Co. Tyrone; and another of plain type, 6 in., Lisburn, both fine	6/15/ tail.
601	60 614	Another, with triangular ribs on blade, $4\frac{1}{2}$ in., Crommelin; and two others, all good specimens	7/12/19
	615	Another, with angular side flanges and curved cutting edge, 7 in. long, Co. Derry, fine; and an Example, with loop at side, found in a Crannog at Lough Mourne 2	7/15/
	616	A fine Paletave, with conical ridge on blade, 45 in., Glenny, Co. Antrim; and another, of plain type, both with loops 2	4/5/-
50/-	50 617	A socketed Chisel, of square section, 3\frac{1}{2} in.; a fine Gouge, 3\frac{1}{2} in., Cullybackey; and another, smaller, Grange	3/15/2
	618	A winged Palstave, with unusual rib on sides at the junction of the blade to the socket, 6 in. long, Craig's Bog; another with wings, 5½ in., Toome; and a smaller Example, with shield-shaped ornament below stop ridge 3	Write 6/- Shut
	619	A fine socketed Celt, with curved cutting edge and side loop, the mouth decorated with ribs, 4 in. long, found at Craig's; and three others, smaller	6/5/ Feals
156.	6. 620	Another Example of unusual size, $4\frac{1}{2}$ in. long, Co. Cork; and three others, smaller	
6.	6, 621	Another, of good form, the mouth decorated with ribs, Kilwalter; another, similar; and three others	6/4 Will
10/36.	6. 622	Another, with ribs on socket, Glarryford; three others, all good specimens; and an imperfect Example, all with localities 5	
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Another, of unusually good form, 34 in., found at Cross; and three others, with localities, all good examples 4

Three smaller Specimens, with unusually broad cutting edges,

Clough and Larne, a good lot

3

Another Specimen, with curiously broad cutting edge and incurved sides, 3\frac{1}{2} in., Ballymoney; and two others, also good, from the Glenny collection

A finely-formed socketed Celt, with well-defined ribs on socket, $3\frac{1}{2}$ in. long; and another, somewhat similar, $3\frac{1}{2}$ in., Portglenone [Pl. III]

A good socketed Celt, with socket of oblong section and a raised moulding at mouth, $3\frac{1}{2}$ in., found in Fenagh Bog; and two others, of the same type, with three ribs on the faces, rare, Co. Antrim 3

Another, with similar ribs on the faces, $3\frac{1}{4}$ in.; a small Celt, with socket of square section; and a very unusual Example, with raised moulding at mouth of socket, $3\frac{7}{8}$ in., all Co. Antrim [PI. III]

A bronze Chisel, with side flanges, 3\frac{1}{4} in.; another, similar, Killyless; and four unusually small socketed Axes or Chisels, with localities, a good lot

A Chisel, with narrow blade, expanding towards the edge, the flanges at right angles to the blade, 3½ in., Castlegore; and two others, similar, all rare

Two others, similar, Knockboy and Co. Antrim; and a tiny crescent-shaped Blade probably a razor, Cleggan, the last very rare

A Chisel, of early type, with projections at the sides and a cutting edge at either end, $4\frac{3}{4}$ in. long; Randalstown, fine and rare; another, with curved cutting edge and a tang for the handle, 4 in., Glenish; and an earlier type, with curved sides, 3 in., Ballybay, all fine and rare [PI. VII]

An extremely fine bronze Spear Head, of early type, with narrow solid blade, decorated with strong ribs in a sunk panel, and having a wide socket, with loops at the base, 6½ in. long; found at Deerfin [PI. IV]

** This interesting weapon shows evidences of the development of the spear-head from the dagger and is of unusual interest.

634 Another, of similar type; and three others, imperfect, of slightly later form, with side loops 4

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A Spear or Lance Head, with leaf-shaped blade, decorated with a rib, 5\frac{1}{4} in., Magheraboy; another, 4\frac{1}{4} in., Teeshaw; a similar Example, found at Cloughancely, all with side loops on socket; and the Blade of another, of broader type

4

636

A Lance Head, with lozenge-shaped blade, 3\frac{5}{8} in. long, fine; and four others, of slender form, all with side loops, found in Co. Antrim

5

637

A Lance Head, with slender leaf-shaped blade; another, with rib

A Lance Head, with slender leaf-shaped blade; another, with rib on upper part of socket, $4\frac{7}{8}$ in.; another, with curious blade of square section and traces of loops (with original wood in socket), rare; and an Example, with lozenge-shaped blade decorated with ribs in relief and a "false rivet" on socket, $3\frac{3}{4}$ in., rare, all Co. Antrim, a most interesting lot

A Lance Head, with broad blade, $3\frac{3}{4}$ in.; another, similar, $3\frac{3}{8}$ in.; and two others, of unusually small size, all with side loops, and all found in Co. Antrim

A Spear Head, with a triangular blade, decorated with ribs in relief, the ends of the blade are carried down by means of a strap-like moulding to the side loops, which have oval faces; the socket and sides of the "straps" are decorated with lines of dots, and a sinuous line of dots occurs at the base of the socket, 6\frac{5}{8} in. long [Pl. IV]

*** This unusually well preserved and fine weapon was found in Fenagh Bog, and is illustrated and described in the Royal Historical and Archaeological Association Journal, 1889, pl. III, fig. 3, p. 113.

A fine Spear Head, of unusually slender form, the sides of the blade being slightly incurved, the section of the mid-rib is of a lozenge form, and the edge of the blade is continued down to the side loops, 7½ in. long, found in Buckno Bog; and another, of more ordinary type, 4¾ in. long, Co. Antrim

A Lance Head, with ribs on blade and side loops, 6 in. long, from the Glenny collection; three small Lance Heads, of later type, with rivet holes; and the Blade of a Spear Head, all found in Co. Antrim

A Spear Head, with narrow leaf-shaped blade, strong mid-rib, and the outline of the blade ridged, there are remains of loops at the base of the blade for attachment to the shaft, and the socket is unusually long, 11 in. long; and the Point of another Spear Head 2

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A Spear Head, with somewhat slender blade, and stout mid-rib, the base of the blade having wire loops for attachment of the cord used to secure the head to the shaft, 12 in. long; found near Toome, Co. Derry

4/5/- Fenlow

A Spear Head, with broad blade, the edge having a curious angular outline in the centre of the blade, the base of the blade is furnished with similar loops to the previous item, 7\frac{3}{4} in. long; found at Rasharkin, fine and rare [PI. IV]

4/15/- White

A Spear Head, of graceful form, with leaf-shaped blade and bevelled cutting edge, the end of the blade is continued down to the rivet-hole as a decorative moulding, 9 in. long; Claddy, Co. Derry, very fine [PI. IV]

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Another of slender form, the blade being continued as a rib down to the rivet hole, 8\frac{3}{4} in. long, found at Taylorstown; a Lance Head, with leaf shaped blade, 5\frac{1}{2} in. long, found at Glenwherry; and a Javelin Head, with curious markings on the surface, in very fine condition, an interesting lot

5/15/ Barnett

647 A Javelin Head, with oval openings in blade, 3\frac{3}{4} in. long, extremely rare; another, with wire loops at base of blade of stouter workmanship; and three broken bronze Axes

45/- Fenlar

A Blade of a knife dagger, with strong midrib and broad base, in which are three original rivets, an interesting and early type, $3\frac{1}{2}$ in. long; found at Carnstrone

\$4151-

A Rapier Blade of slender form, with side notches for the rivets, $9\frac{1}{2}$ in. long; and another similar, 8 in. long

3/10/- Eldin

650 Another, with triangular base, notched for two rivets, 12½ in. long, found at Parkmore, Ballymena; and a curious Blade, with two rivet holes

80/ Barnett

A Dagger Blade, of later type, with broad blade and angular plate, perforated with two rivet holes, 11½ in. long; found at Skerry; fine [PI. IV]

5/15/ Belfast

A Dagger Blade, with triangular base, having notches for two rivets, $5\frac{7}{8}$ in. long; an early Knife Blade of triangular form, with four rivet holes, $3\frac{3}{4}$ in. long, found at Bushmills; and a small Knife Blade, found at Tully

23/-/

An extremely fine bronze Sword, with broad leaf-shaped blade, and complete handle plate with fish tail termination, the handle

LOT 653-continued.

plate is ridged, and is pierced for four rivets, the remaining rivet holes have been plugged, 25 in. long; found in Rosherry Peat Bog
[Pl. IV]

- ** A label with an interesting pedigree of the weapon is attached.
- Another of good form, with leaf shaped blade, and handle plate pierced for six rivets, and having a slot in the centre, three of the original rivets remain in position (the blade has been neatly repaired), 23\frac{2}{3} in. long; found in a bog near Glenish; fine [PI. IV] 1
- Another of good form, with leaf shaped blade and part of handle plate which is pierced for two rivets, 19½ in. long; found in Derry (repaired)
- 656 A Sword of slender form, with broad fish-tail termination to handle plate, and having ribs on the plate, which is pierced for six rivets, 19 in. long; found at Ballymoney (repaired)
- Another of broader type, with imperfect handle plate, pierced for six rivets, 18\frac{3}{4} in. long; found at Cross Keys, Co. Antrim 1
 - A Dagger Blade, with strong midrib, and having one rivet in position; a broken Sword Blade, found at Cushendall, $14\frac{1}{2}$ in. long; and three other Blades, all imperfect 5
 - A Dagger Blade, with midrib of simple form; and a bronze Sickle, with ridged blade, and socket pierced for one rivet, $6\frac{1}{8}$ in. long, rare
- A Dagger or Knife, with slender leaf-shaped blade, and oval socket, the latter has incurved sides and is pierced for rivet (part of the wooden handle remains in position), $10\frac{3}{4}$ in. long; found at Glenbush [Pl. IV]
- A curious pointed Weapon, with blade of square section and funnel shaped socket, the latter is pierced for a rivet, 7\sum_8 in. long; found at Fermanagh, extremely rare and in good condition [Pl. VII] 1
- A Scabbard Chape for a Sword, the socket is of lozenge section, and the butt has a globular termination, 3\frac{3}{4} in. long, an extremely unusual type; probably found at Lisnacroghera Crannog, from the Buick collection [Pl. IV]
 - A Knife or Razor, with leaf-shaped blade, decorated with a lozenge shaped boss in slight relief, the pointed end has an angular notch, and there is a tang for the handle, 3\frac{1}{4} in. long (found at Carrick-fergus); and another, with projections at upper part of the tang, 4\frac{1}{4} in. long, found at Killyless, both rare [PI. VII] 2

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Another, with slender leaf-shaped blade and rivet hole in tang, 664 45 in. long, found at Moorfields Co. Antrim; and another, with a 14/10/depression divided by a midrib in centre of blade, 3 in. long, found at Ballymena, both fine and rare [PI. VII]

A Knife, with slender blade, and decorated with a midrib, the 665 socket, which is perforated for one rivet, is incurved at the base, 64 in. long; found in Co. Antrim, rare [Pl. IV]

A socketed Knife; and two Axes, all imperfect; and a Lump of 666 Copper, all Co. Antrim

A Palstave, with two recently bored holes in the socket, Glenish, Co. Antrim; five bronze Chisels; and two copper Implements, some of later period

FOURTH DAY'S SALE.

Thursday, 20th November, 1924.

STONE MOULDS FOR IMPLEMENTS.

		STOTE MOCIES TOTAL THE PROPERTY.
Bulled m 72/-		FOUND NEAR BALLYMENA.
494 501-	668 LOT 668	A very fine Valve of a mould for a spear head, made of schist, this was for casting a weapon with a strongly grooved blade, and with large side loops, 5 in. long, extremely fine and rare [PI. IV] 1
201/20 701	757669	A Valve for a similar lance head, $3\frac{3}{8}$ in. long; and another of same type, $4\frac{1}{2}$ in., both probably of basalt, very rare [PI. IV] 2
454-80 501	65/ 670	A similar Valve of a mould, 41 in.; and part of another 2
801	5. 671	A four-sided Mould, of square form, for casting various types of razors or knives, 3 in. long; and a Valve, for making a small socketed celt, with side loop, $2\frac{1}{2}$ in. long; both of sand-stone, and extremely rare [PI. IV]
34/- 6.	6. 672	A Valve of a Mould for casting the blade of a larger spear-head, with ribs on blade, $6\frac{3}{4}$ in.; another, for a small lance of early type; part of another, for making the blade of a socketed axe; and a Fragment of a Mould, for a spear head

674

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Part of the Rim of a large bronze cauldron, with tubular rim and solid ring handle, the latter is suspended from a broad reel-shaped loop, having three ribs in high relief; and the companion Piece for the opposite side, 8½ in. long, very fine and rare [PI.V] 2

A Cauldron, of thin sheet bronze, composed of four plates riveted together, the bowl is in the form of an inverted cone with rounded shoulders and flat rim, on the rim are two solid ring handles attached by ribbed loops to the rim, 12 in. high, about 15 in. diam.; found in a bog near Portglenone, extremely rare [PI. V]

A Ring Handle and Loop; Part of a Rim; and two odd Plates; all parts of cauldrons 5

A plain Band from a large bronze cauldron, with a number of holes punched in it for riveting purposes 1

parlos 678

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A Cauldron or deep bowl, of flattened hemi-spherical form, showing considerable evidences of repair in the shape of riveted patches all round the sides, the rim has a number of holes punched in it, probably for an additional rim, 12½ in. diam.

- Another Cauldron, with straighter sides, rounded below, showing similar repair at the sides, $10\frac{1}{2}$ in. diam.; found in a bog at Gortgole, Buick coll. (see Ulster Journal of Arch. vol. XIV; page 23, 1908)
- An important Cauldron, of unusually large size, with strongly curved sides and short oblique rim; this also bears evidence of much patching, showing the high value attached to these vessels of beaten bronze in early times, 17 in. diam. at mouth, 13 in. high; found in Dirneveigh Bog in 1885

** Some of these bowls were probably originally used as water clocks, but not when in this patched condition.

- Another Vessel, with straight sides and flat base, and having similar evidences of patching, 14 in. diam.; found at Portglenone 1
- A Cooking Pot, with ridged sides and cylindrical neck, having two stout loops riveted to the sides, the surface is decorated with hammer marks, 7½ in. by 6½ in.; probably of the mediæval period, found in the Bann
- An Armlet, of broad form, with curved sides and outcurved ends, the body is elaborately decorated with bands of concentric lines and chevrons, 3\frac{3}{8} in. diam; found in a bog at Castle Dawson, near Magherafelt, very fine and extremely rare
- A spur-shaped Object of large size, the shank sharply curved and the ends of the limbs flattened out and perforated (the shank probably terminated in a knob, now missing), 9\frac{7}{8} in. long; late Celtic period, found at Glenatrace, rare [Pl. VII]
 - *** These objects are considered to have been used as an ornament upon the head of a horse.
 - A bronze Pin, with discoidal head, having a stout conical projection in the centre, the head is bent down at right angles to the shaft, $5\frac{3}{4}$ in. long; another of similar type, the disc decorated with fine concentric lines, and a small boss in the centre, $6\frac{3}{4}$ in.; and a Pin, of straight form, with a conical projection on the disc, $6\frac{1}{4}$ in.; all found in Co. Antrim, very fine and rare [PI. VII]
 - A bronze Pin, with large ring head, the junction of the head to the pin being strongly curved, and the lower part of the curve forming

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LOT 685-continued.

a shoulder, 7 in. long, fine; another, of very curious form, the head curving sharply back and forming a circle, the head is now hollow, but was probably filled with coral or enamel, $6\frac{3}{8}$ in. long; and a fine Pin, of the "hand type," with head of crescent form, one side having five finger-like projections, the flat plate is decorated with characteristic spirals; all of the early iron age and very rare [PI. VII]

A bronze Pin, with hollow head and looped top; another, with head in form of a horse's head, to this are attached two pendant rings; and a good bronze Fibula, of La Téne type III, having a pierced catch-plate and a spiral spring attached to head of pin; all of the early iron period

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POTTERY AND OTHER OBJECTS, CHIEFLY FROM BRONZE AGE INTERMENTS.

654 757.687

An Urn, of bowl form (repaired), with a band of triangular indents filled with small dots in centre of the body, 5 in. by 3 in.; found in a "Giant's Grave" at Loughloughan, near Broughshane (see Jour. R. S. Ant., Ireland, part II, vol. XXXII)

357 40/-688

A primitive Lamp, of earthenware, in the form of an open bowl of oval form, with pinched spout at one end, 6 in. long; found at Portstewart

357- 40/689

An Urn (repaired, with base missing), the surface decorated with a hatched pattern of dotted lines, 6½ in. diam., found inside a larger urn at Galgorm Park (some bones remain in the urn); three calcined Arrow Heads, probably found within the urn (see Roy. Ulster Jour. Arch., 1875, pl. 111); and a calcined Arrow Head, found in another urn 5

5. 690/

A very fine Urn of bowl form, decorated with bands of parallel and vertical lines, and having a deep groove in centre of the body accentuated at the borders by angular ridges, the upper ridge decorated with angular indents, and the lower one with chevrons, $5\frac{1}{2}$ in. by $3\frac{7}{8}$ in.; also the Blade of a fine bronze Knife of triangular form, with two stout rivets, and showing the scar of the hafting between the rivets, 3 in. long, found inside the urn; found at Loughguile in 1870 (Illustrated in Abercromby's "Bronze Age Pottery," vol. II, p. 163, fig. 47) [Pl. VI]

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An Urn (restored), the body decorated with ridges, in the depressions between which are chevrons in relief, and with a band of oblique dotted lines below the rim, 6 in. by $4\frac{7}{8}$ in.; found at Bally-cloughlan (Ill. Roy. Ulster Jour. Arch., 1895, part II, vol. I, fig. 4)
[Pl. VI]

An imperfect Urn, with a band of ornament suggesting the St. Andrew's cross on upper part of the vessel, 6 in. diam.; found in the "Bishop's Cairn," near Glenwherry (Ill. Ulster Journ., 1895)

Two Parts of the Rim of a large "Food Vessel," with angular ribs in relief, the spaces between filled with lines of indented dots, and the base and part of the side of the same vessel decorated with hatched lines; found at Thorny Valley (Ill. Ulster Jour., 1895, pl. 1); two Parts of a smaller Vessel, decorated with a cross-shaped ornament on base, found near Kells; and Fragments of another Urn

A small Urn of "food vessel" type, with deeply indented shoulder and flat rim, the latter decorated with a band of indents, $2\frac{1}{2}$ in. by $3\frac{3}{4}$ in.; found at Cumberclady, extremely rare; from the Buick collection (Ill. Jour. Soc. Ant. Ireland, 1891, p. 437) [PI. VI] 1

AN INCENSE CUP, with angular sides, decorated with bands of chevrons and dots, and a cruciform ornament on the base, $1\frac{7}{8}$ in. high; found in a "Dane's Fort," near Glenties (Ill. Abercromby's "Bronze Age Pottery," vol. II, p. 34, fig. 343) [Pl. VI]

A bowl-shaped Urn, with incurved rim, the body decorated with bands of chevrons and vertical and horizontal lines (restored), 6½ in. by 3½ in; found at Cumberclady (Jour. Soc. Ant. Ireland, p. 436); from the Buick collection

An Urn of "food vessel" type, with two strong ridges on sides, well decorated with chevrons and indented lines on the body, $4\frac{1}{2}$ in. by $5\frac{3}{4}$ in.; found at Esker Dromona when making a railway to Portrush [PI. VI]

An Urn of deep bowl form with narrow base, and strongly outcurved sides, the centre of the body has two pronounced ribs,
well decorated with bands of short oblique and horizontal lines,
at the side is a simple looped handle, a most unusual feature in
these vessels, 4\frac{3}{4} in. by 6\frac{1}{2} in. diam. (restored); found in a "Giant's
Grave" and "Carnal" at Loughloughan (see Jour. R. S. Ant.
Ireland, vol. XXXII, p. 163) [Pl. VI]

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19-1- Froiler

12/10/- Belfall

24/-/- (Fooling

25/10/-

A small Incense Cup, with rounded base and sharply sloping sides, decorated with bands of chevrons and oblique lines, 3 in. diam.; and a stone Spindle Whorl (broken), found inside the urn; from Knockboy, near Ballymena (a long MS. description is within the vase) 700 A small stone Cup, the sides decorated with bands of triangles filled with hatched lines, 22 in. diam; found at Glenarm; extremely Part of a stone Cup, decorated with bands of herring-bone ornament; an unfinished Example, decorated with incised lines; a tiny Lamp of open form; and an oblong pottery Object, decorated with incised lines; found within an urn at Kilbraights BEADS AND PENDANTS FOUND IN IRELAND. 702 A collection of jet Objects, consisting of two Armlets, a cross-shaped pendant, two decorated Plaques from a Bronze Age necklace, rare; two Buttons, and nineteen other Beads and Whorls, all of early period, on card 703 A card containing twenty-five stone Beads and Whorls, also of early 704 A very fine series of sixty variegated glass Beads of early types (one from Cyprus included for comparison), on card A series of thirty blue "ringed" glass Beads, three of them orna-705 mented, probably of the Bronze Age, and found on the sites of "Crannogs" or island dwellings; a fine lot 30 A very important group of highly decorated glass Beads, some ornamented with stout threads in relief; part of a decorated glass Armlet; and three Spindle Whorls; Co. Antrim Part of a twisted gold Torque; a ribbed Ring of gold; a Piece of gold Ring Money; a gold Plaque, decorated with scrolls in "pearled" technique; two wire Objects linked together; all found in Lisnacroghera Crannog; and an extremely fine series of glass Beads, decorated with spirals, many of them with knobs or ribs in relief, an important lot [Pl. VIII] For similar beads, see Guide to Celtic Antiquities of the Christian Period, Dublin, 1910, pp. 68-69. Another collection of similar Beads, some beautifully decorated, 708 also a fine lot, on card

	49 Fourth Day
5. 6, 709	A fine Necklace of thirty-three amber Beads, found in the peat between Craigbilly and Connor; and sixteen odd amber Beads, all probably of the Viking period, very rare, on card 49
65/ 75/210	A card containing a number of odd amber Beads and Pendants; found in the north of Ireland, also of the Viking period 42
6. 10.711	A curious wooden Pendant with incised symbols; and eleven "dumb-bell" shaped Beads; from the Buick collection, on card 12
6.712	A card containing forty-nine "dumb-bell" Beads; found in the Irish peat and on Crannogs 49
757.85 718	A series of eighteen similar Beads; found in Co. Antrim; on card 18
85-85-7141	An interesting series of whorl-shaped glass Beads, chiefly of amber colour; found in the peat bogs and island sites; on card 52
15-2. 7. 715	A cruciform stone Bead; and forty-one roughly shaped Beads and Pendants, on two cards 42
40/- 40/-716	A string of thirty-nine glass Beads, chiefly of amber colour, but a few of them decorated with wavy lines in white
12/ 10/717	Three strings of glass Beads, many of them decorated, and chiefly of an early period 56
12/18/718	A string of sixty Beads and Pendants, many of them decorated, and chiefly of an early period 56
35/ 35/719	Three strings of varied stone and glass Beads and Whorls 67
7. %. 720	Three fine jet Armlets; and fifteen Whorls and Rings of jet and stone, some of them probably of Roman manufacture and perhaps relics of an early Viking raid
40 -721	A very important jet Armlet, the outer surface strongly ribbed, 5 in. diam.; found at Knocklayd, Co. Antrim
12. 12. 722	Eight vitreous paste Beads, with ribbed sides, of the Roman period, rare; four early faience quoit-shaped Beads, also rare; and seventeen stone Beads, of varied form; all Co. Antrim; on card
723	A string of old Irish "blackberry" Beads, in glass, of varied colours, on card 68
8. 9. 724	A series of stone Beads and Pendants, of various periods, on three cards
725	Twenty-one tiny stone Beads; found on the sandhills at Portstewart, very rare 21
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OBJECTS, PRINCIPALLY OF THE CELTIC PERIOD.

- 726 Ring Head of a penannular brooch, of circular form, in bronze, with sunk panels at the expanded ends, and another in the centre of the ring; these panels are decorated with interlacing ornament, and in the centre of each is a depression, originally filled with paste or enamel now missing, 2\frac{3}{4} in. diam.; found in Maghadee bog, near Kellswater, fine and very rare [Pi. VII]
- Penannular Brooch, in bronze, the body of the ring decorated with groups of grooved lines, towards each end of the ring is a boss suggesting the head of an animal, and beyond these are triangular cells filled with red enamel, with a section of decorated glass "cane" set in the centre of each cell, 5\frac{1}{4} in. long (see Jour. R. I. A., 1901, vol. VI, third series, no. 3, p. 388) [Pl. VII]
- 728 A Ring Pin, the loop having terminations suggesting the reptilian head, 3½ in. long; and an unusual penannular Brooch, with very broad expansion at the ends of the ring, the outline decorated with a line of dots, also rare; found in a Crannog at Derryhullogh (see U. J. Arch., vol. X, p. 53) [Pl. VII]
- 729 A penannular Brooch with large head, the expanding ends decorated with hatched lines and short ribs in relief, $4\frac{3}{8}$ in. long; and another, with the ends slightly incurved and tapering to a point, decorated with interlaced lines and circular cells, $3\frac{1}{2}$ in. long, both fine and rare [Pl. VII]
- 730 A very fine penannular Brooch, the expanding ends decorated with circular lines in relief and notched projections at the sides [Pl. VII]
- 730A A Ring Pin, with small head, decorated with incised lines; another, with spiral wire head; and another, similar 3
- 731 A fine bronze Pin, with discoidal head, ribbed at the sides; and four others, of varied types 5
- 732 A Ring Pin, of early type, with small circular head inlaid with yellow enamel, rare; another, with plain ring head; another, with dotted design at head of pin; and a curious example with small ring head
- 733 Two others, with solid ring heads; and two with thin spiral wire loops 4

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4/10/89

A Pin, with flat square head, having a depressed gilt face, decorated with facets suggesting "chip carving" technique, rare; and three other Pins, an interesting lot

A grooved Ring from a pin; a Ring Pin, of plain type; a Pin and 735 small Ring, found together at Portstewart; and four others

A curious bronze Pin, the upper part spirally twisted, and having a 736 coiled turn near the top, 71 in. long, probably of the Early Iron age; and three others, of a later period

A Ring Pin, with ribbed head and triangular projection at top; 737 another, with hooked termination; another, with end in form of a horse head, with enamelled eyes; and two others, a good lot 5

A bronze Pin, found at White Park Bay; and five others, of simple 738 form

A fine bronze Finger Ring, with oval depression on front, found at Vagey, probably of the Early Iron period, rare; three ribbed bronze Rings; and a Brooch Ring, with notched ornament

Part of a Horse Bit, in bronze, of curved form, and two Links of another, found at Glenleslie, both probably of the Early Iron period; two decorated Rings; two others, plain; and a small bronze Knife Blade of the Early Bronze age

A CELTIC IRON BELL, of quadrangular section, with broad loop; 741 the clapper is still in position, and is heavy in proportion to the size of the bell, 7 in. high; there are small patches of the original bronze coating still on the outer surface; from the ancient Church of Markstown, Cullybackey, extremely rare [Pl. V]

> 'THE LISSAN BELL," an iron bell of small size, of similar section to the last item, the loop is depressed in the centre, 4 in. high; from Lissan, Co. Tyrone [Pl. V]

Part of a letter from Bishop Reeve, relating to this bell, is

attached.

A bronze Fibula, harp-shaped, the catch-plate of triangular form, broadening towards the lower end, the plate decorated with three parallel rows of a curved scale pattern, the centre of the bow is ribbed, with a band of small knobs on either side of the rib, the "trumpet end" formed spring box is decorated with spirals, and attached to the spring is a circular loop for a chain, an extremely fine and rare example of the Second Century A.D. [Pl. VII]

739

740

85% 5. 7	A fine leather Shoe, of Celtic type, the heel and front decorated with raised bands, the upper part of the front is continued as a tongue-shaped extension, and this is perforated with three oval openings; and four others, of simple type, all early examples and of interest
7	A stone Cup in the form of an open bowl, with a globular projection at the side, 3 in. diam., found near Newton Crommelin (see Uls. Jour., 1895); and a heavy stone Bowl, of simple form, 4½ in. diam., found near Craigmaddy
80/- 5.7	A stone Cup of black material, of hemi-spherical form, the rim ornamented with incised chevrons, and with a small pierced handle at the side; probably found near Conner (Ill. Uls. Jour. Arch., 1895, vol. XV, p. 4)
	Two large brenze Rings, each with pendant rings attached to them; and twenty-five single Rings; found (with others) arranged in a semi-circle in a fort at Secon Hill, near Ballymoney 27
7	A large bronze Buckle; five bronze Finger Rings; two Harp Pegs of bronze; and four other Objects, on card
6. 6.	Two curious iron Chisels, with solid butts and side loop, probably of the Early Iron period, very rare; nineteen Rings, of various periods; and thirteen other Objects
-	A wooden Paddle; found in a bog near Ballymena, very rare and 25 Keels interesting
6. 6.	A bone Implement; a bronze Pin, with heart-shaped head; a Ring Brooch; a surgeon's silver Needle (17th Century); and a bronze Harp Peg
Db. 6.	A Mould for casting an inscribed cross; another for a crucifix; nine Moulds for casting button-shaped objects; another Mould; and a curious Palette, with three depressions; all found in Ireland and of an early period, an interesting lot
	MIGGELL ANEOUS OPIECTS OF A LATER PERIOD

MISCELLANEOUS OBJECTS OF A LATER PERIOD.

A large wooden Mether (damaged), found in a bog near Ballymena; and a small Cup, of similar form decorated with chevrons,
found at Slenish (Ill. Ulst. Jour. Arch., vol. XV, p. 4)

Two wooden Penner Grinders; a wooden Goblet; and a curious

Two wooden Pepper Grinders; a wooden Goblet; and a curious wooden Bowl, from Kells, all of the 18th Century

4

Two rush-light Holders; a bronze Mortar; a metal Vase; and of Nobbles three horn Cups Two deborated horn Cups (one Ill. Ulst. Jour. Arch., vol. XV, p.b.) and seven curious funnel-shaped Vessels in wood and bone Five "Socket Stones" used as gate hinges; a Mould for a brooch; a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects a number of early Bullet Moulds; a 17th Century Dagger; and other miscellaneous Objects Three bone Objects; and fourteen various stone Implements, all used as rubbing instruments in weaving IMPLEMENTS FOUND IN OTHER COUNTRIES. Thirteen palseolithic Implements, from Suffelt; one, from Wandsworth; another, from Stamford Hill; and seven Others, from various English localities An ovateflint Instrument, very rare; and seven Other Implements, found at Broome, Dorset, all of the palaeolithic period, some very good A Mousterian Implement, found at Wandsworth, rare; four drift Implements, from Northflett; nine others, found in Suffelt; and a good "twisted" Ovate, from Bottisham, rare, a good lot Ten drift Implements; found in France, some from Saint Acheul 10 Nineteen Implements of late drift type; chiefly found at Bois du Hooft Kuller Rocher, Coies du Nord Two bone Implements; and a series of Scrapers of various types and other Implements, from the French caves, an interesting lot. The drift implements, from Saxony; four polished Axes, from France, all of the Neolithic period Two bone Implements, from Saxony; four polished Axes, from France, all of the Neolithic period Two limits and seven others, also from France, all of the Neolithic period Two limits and seven others, also from France, all of the Neolithic period Two limits and seven others, also from France, all of the Neolithic period Two limits and seven others, also from France, all of the Neolithic period Two limits and seven others, also from France, all of the Neolithic period	1	53	Fourth Day	
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IMPLEMENTS FOUND IN OTHER COUNTRIES. Thirteen palseolithic Implements, from Sufolk; one, from Wandsworth; another, from Stamford Hill; and seven Others, from various English localities 760 An ovate flint Instrument, very rare; and seven Chert Implements, found at Broome, Dorset, all of the palseolithic period, some very good A Mousterian Implement, found at Wandsworth, rare; four drift Implements, from Northfleet; nine others, found in Suffolk; and a good "twisted" Ovate, from Bottisham, rare, a good lot Ten drift Implements; found in France, some from Saint A cheul 10 Nineteen Implements of late drift type; chiefly found at Bois du Rocher, Côtes du Nord Two bone Implements; and a series of Scrapers of various types and other Implements, from the French caves, an interesting lot To the chiefled Axes, from the French caves, an interesting flot Five chipped Axes, found at Spiennes, Belgium; a long Pressigny Flake; a polished Axe, from Saxony; four polished Axes, from France, and seven others, also from France, all of the Neolithic period Two line flint Axes, from Cissbury; seven others, from Grimes grasss; a curious palseolithic Form, found at Weeting; eight varied Implements, from Suffolk; and six others, from East-	10: 20.757	a number of early Bullet Moulds; a	17th Century Dagger; and	330 08
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graves; a curious palæolithic Form, found at Weeting; eight start varied Implements, from Suffolk; and six others, from East-	(6.5)- 765	Flake; a polished Axe, from Saxony; France; and seven others, also from I	four polished Axes, from France, all of the Neolithic	7 of Kilm
	30/ 30/-766	graves; a curious palæolithic Form, varied Implements, from Suffolk; ar	found at Weeting; eight d six others, from East-	5/5/ /culin

EGYPT.

		EGYPT.		
	60/ 65/76	A tortoise Core; eleven Implements; and five others, all of t Palwolithic period	he 17	4/10/_
	757- 857-76	and fourteen Implements, from the Neolithic workshop floor		457- Nels
	352 35/76		22	50/-
(6)	B 501 501 771	A series of pigmy Implements and Borers, found at the sa	me 38	1
	50- 9 38/27	Twenty-eight Implements, with serrated edges; some found El Kab, on two cards	at 28	801-Harlan
	20/ 20/77	Nine small Chisels; nine leaf-shaped Implements; and eig peculiar Flakes, chipped at one side, on three cards	ht 26	65/- 9
	151- 151-77	A slate Palette in the form of a fish; three others of simpler for and a finely chipped Chisel, rare	m ;	28/ Keels
	50/ 50/ 77		ts, 25	Got Els
	401 401 77	5 A similar lot	25	657-
	17 TAN 17	6 A similar lot	25	60/ Elhe
	504 100/77	7 A similar lot	25	
	40/ 77	8 A similar lot	25	7 Zenlo
	38/- 30/ 77	9 A similar lot	25	60/- n
	30/ 78	O Another lot, similar	25	657-
	30 759 78	1 A similar lot	25	2/10/Bil
	25/- 70/-78	2 Another lot, consisting of Axes, worked Flakes, Lance Heads, a other objects, also from the Fayoum	and 20	601-
	30/- 30/-78	3 A similar series	20	4/10/
	157.	A well-chipped Axe; two parts of flint Armlets; and twenty-tother Implements; Fayoum	wo 25	25/
	7 7/- 78	Five leaf-shaped Lance Heads; thirty worked Flakes and brol Implements; a finely chipped Arrow Head; and six othe Fayoum		45/ Jenla
	2 3/18		an- 22	5/15/

5	55	Fourth	Day	
601- (787)	A flint Dagger of Danish type, Heads of unusual form, some	4 in. long, rare; and sixteen A of fine quality, on card; Fayous	n 17	70/-
7/ 788	Twenty flint Arrow Heads, son	ne imperfect ; Fayoum	20	30+ 40/ Eldr
789	Another lot; same locality	The state of the s	20	50/-
791 50 790	A similar lot; same locality	all broken	20 4	
791	Another lot; same locality	an oronen	20	- 1000
792	Another lot; Fayoum		20	E39-Eede
793	Another lot; Fayoum		20	
Of 794)	Three "fish tail" Lance Heads grip; and two other Knives,		nted 6	60/-
795	A finely chipped broad Knife, v Fragments of Knives	with ripple flaking (broken); and	l two	5/10/-
10/-796	A curved Knife, with serrated also serrated	edge (broken); and a Lance I	lead,	10/1- Sowren
40 797	A series of quartzite Implemen Kerr in Somaliland, some fir		Seton 18	40/
48 798	A similar lot, some fine		18	, .
2.51-799	An interesting series of chert In	nplements, many of Moustiers t	уре ; S	of Lawren
800	A similar series		32	
(45) . 801 (Twenty coarsely chipped Imp	plements, of drift type; foun	d in 20	40/Sawrence
802	Six similar Implements; eigh Stone; and eight polished C		rated _ 25	47-
	DENM	ARK.		
803		et Axes; four Scrapers, and an the "Kitchen Middens"; and		
804 804		orm, 9 in. long (repaired); a chi in. long; part of a Dagger;		2/13/ Kidle
50[-805]		ge on the grip (repaired); and handle; and three lunar Kniv		4/10/

20070	a Day	301-
806	A chipped flint Adze and an Axe, of early type, rare; a small Pick, from Wisby; an Axe, of tranchet form; a polished Gouge; a polished Axe; a perforated Net Sinker; and seven Flakes 14	Fater on
(65/- 58/-807)	An unusually finely chipped Gouge, of brown flint, 8 in. long; and an Axe, of similar workmanship, $10\frac{1}{2}$ in. long	. TI BUYE
60,808	A boat-shaped Axe Hammer; another, of usual type; two polished flint Axes; and a Whetstone, of the Viking period 5	804/15/
	SWISS LAKE DWELLINGS. G. Jawa	Till -
6. 809	An Axe, of nephrite, showing saw marks at sides, found at Font, near Estavayer; seven stone Chisels; a Fragment of decorated pottery; and two other Objects	Wandsund
75/- 70/810	A finely chipped Knife, of Pressigny flint, rare; another, smaller; seven Arrow Heads; a horn Socket; and two bone Pins 12	30/2 Cum
757 70 811	A series of Scrapers, Knives, and other Implements; from Estavayer and other sites 33	50/ Cm
7. 7. 812	A Nephrite (?) Axe, in horn socket, from Font; another, similar, from Neuchatel; a diorite Axe, in socket; and two small Chisels, also mounted in horn	60/7 Can
6. 75 813	A fine bronze Sickle, of early form; and a good tanged Knife, with curved blade; both from Neuchatel 2	5/5/3 Will-
814	A very fine bronze Pin, with globular head, having four circular openings at the sides; nine bronze Pins, with decorated heads; a Fish Hook; a coiled Ring; and two other Objects, a very good lot	501- January
20/ 12/ 815	Ten Spindle Whorls, in stone and pottery, of the bronze period; from Estavayer 10	28/-Kily
50/ 50/ 816/	Four worked Flakes; nine unfinished Implements; and six plain Flakes; all found in Egypt 19	(32) ·
12/- 18/-817	Twelve Flakes, with secondary chipping; and twenty-four plain Flakes; $Egypt$ 36	20/ 14
124 10 818	A similar lot; Egypt 36	2 1 3
75 75 7 819	A series of fifty-one flint Arrow Heads, found in Ohio and other American localities, on five cards	holmous.
50/ 2/0/820	Another series, including some unusually fine examples 40	Page Ruly

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my Employ	d'a
War San Bet	
10.	
	57 Fourth Day
8 9. 821	A large grooved Axe, Illinois; and five others, said to have been found at Saint Vincent
7: 822	An Adze, from Easter Island; two others, Solomon Islands; a Chisel Fiji; and a long obsidian Flake, with trimmed edge, Admiralty Islands
601 60 823	A small Axe; a discoidal Stone, Arkansas; three Axes, New Guinea; a Chisel, Pitcairn Island; and two others
12. 12. 824	A very fine and unusually large Adze, and three others; all from New Guinea
75/-5 825	Eight finely chipped glass Lance Heads, from Australia, on card 8 42 Comments
757-757-826	Three glass Lance Heads; three others of chert; and two other Implements, in original shafts; Australia, on card
50/26. 6. 827	Four Knives, mounted in gum handles; two Scabbards or Sheaths a Spear Point; and nine Arrow Heads, in various materials; W. Australia
84- 60 828	Two well decorated Boomerangs; four others; a Waddy or Club; three Spear Throwers; and two "Bull Roarers"; Australia 12
12/- 8/- 829	A number of roughly chipped Implements, from Tasmania, in 21/ Sawrence various materials
50/40 1 830/	Two grooved Hammers; and four others, Australia 6 12/3 Cure
57.12F 10 831	Ten well-chipped Spear Heads of chert; and four Flakes, some with gum mounting, Australia
30/ 832	Twelve chipped glass Lance Heads; Australia 12 2/15
[5.]XV 25.833	AN UNUSUALLY LARGE AND FINE "CEREMONIAL AXE," of dark 2X y 20 stone, with pointed butt, semi-circular cutting edge, and pointed oval section, 17 in. by 5½ in.; from New Guinea
10. 10.4. 834	Three hafted stone Weapons, Australia; a wooden Paddle; and a Shield and a slender Club, both decorated
5: 5. 835	Four good hafted Adzes; New Guinea 4 XV LFL Web
12. 12. 836)	Two hafted shell Adzes, Admiralty Islands; a hafted Axe; and another, of jade (?), both New Guinea
8. 8. 837	Two hafted Adzes, Fiji; and a jade (?) Axe, in carved wooden handle, Samoa
857- 4. 838	A decorated Dancing Club, of canoe form, New Hebrides; a carved Hope Adze Handle; and three others

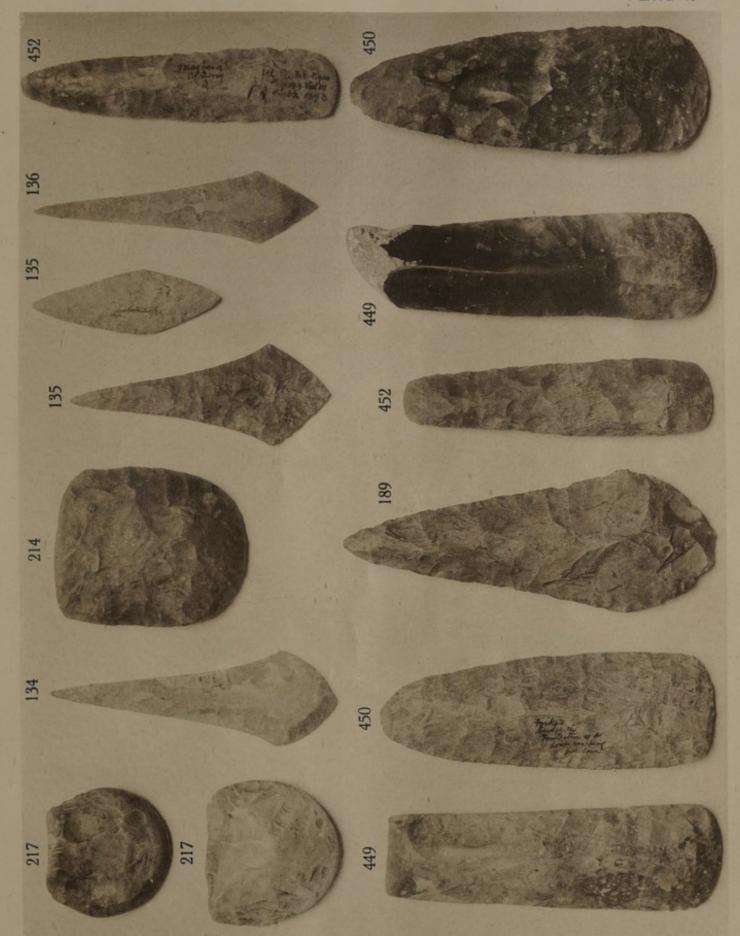
58 Fourth Day A Club, made from a sawfish snout, New Guinea; two Shields 839 Australia; and another, of plaited cane A Quiver of Arrows; four mounted stone Implements, Australia 840 two decorated lime Spoons, of large size, New Guinea; and carved Club, New Guinea (?) A stone Tomahawk, and another, with metal head, decorated, both 841 N. America; two incurved Axes, Saint Vincent; a stone Axe Togoland; and a stone Disc, from a digging-stick, Cape Colony 6 Three carved wooden Clubs, Fiji; and a well-carved Spear, with obsidian head Five various stone-headed Clubs; New Guinea 843 A similar lot 844 A similar lot 845 Eighteen small stone Adzes, some roughly chipped; and thirty-three 846 Fragments; from various New Zealand localities A stone Adze, in elaborately carved wooden handle, rare; and 847 another, in a plain handle, from H.M.S. Challenger expedition; both from New Zealand Five "Moa Stones"; six shell Objects; a Scraper, Nelson; four 848 small Adzes; and six Fragments; all from New Zealand A stone Adze, with curious ridge on blade, 9 in.; and three small < 849 Adzes; all New Zealand A finely-polished stone Mere, 12 in. long; and two well-finished 850 Adzes; New Zealand An unusually well-chipped Chisel, in basalt, 102 in. long, very fine; 851 and three polished Adzes; all from New Zealand A fine jade Adze, 72 in. long, Auckland; an Axe, with oblique edge 852 (found in the Thames); and a roughly chipped Block, from the Rakaia encampment; all from New Zealand Webl A fine Chisel, in light green stone, 62 in. long; two Adzes, in 853 ordinary material, with highly polished surface; and a small Adze, of jade; all from New Zealand A flat Blade, of jade, with saw cut on side; and four others, in 854 similar material; New Zealand AN IMPORTANT TIKI, of jade, of unusually good workmanship, 4 855 41 in. long, New Zealand Another, in bone, 3 in. long, rare, New Zealand 856

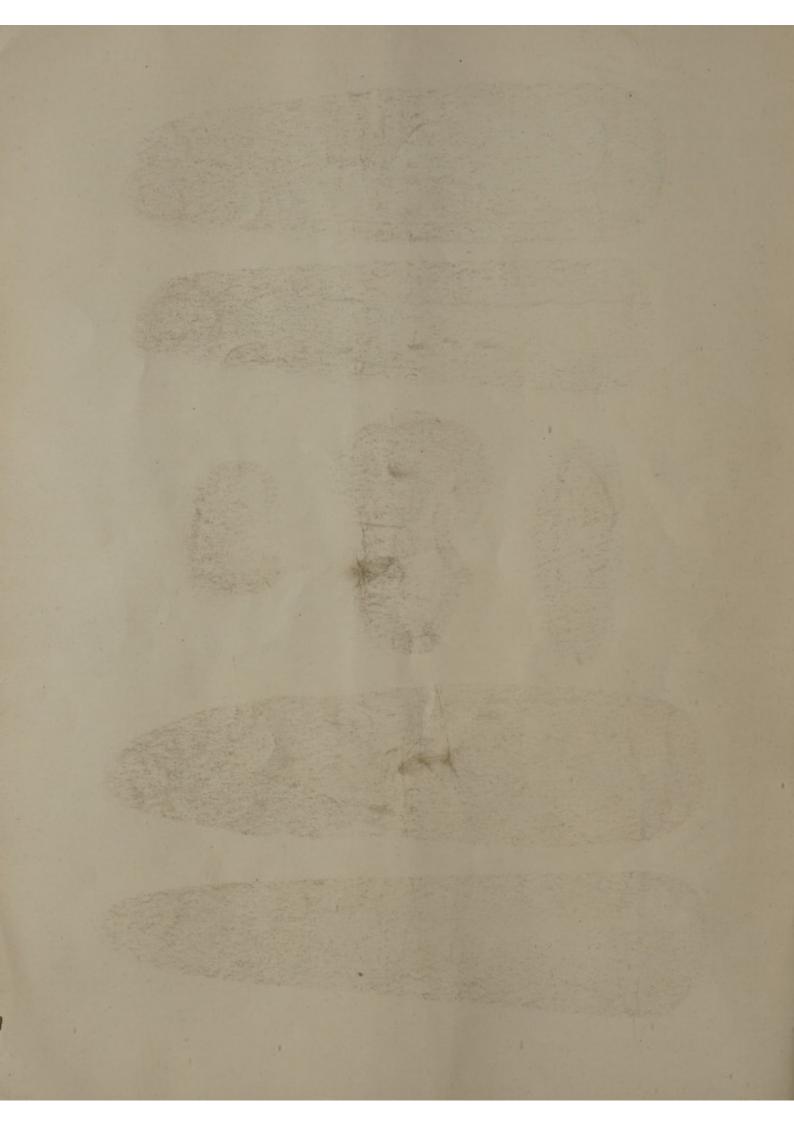
Three fine Ear Pendants, of jade, New Zealand 3	"
Another, of curved form; an Example of rich green colour; and another, in darker material, 4 in. long; New Zealand 3	7 Jenton 4/10/-
A number of Implements and Bones, from the Torbryan Caves, Devonshire; a chipped Axe, from the Thames; twelve fine flint Arrow Heads, found in Egypt; three various polished Axes; and seven others	4/5/- Kulen
Four ribbed glass Balls, from India; a Fish Hook and two decorated Rods, from West Australia; six recently mounted Implements; and two others	8/-1-3
Five Chinese Armlets; five Charms; and two Seals, some of jade, on card	, 9
A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card	60/
Thirteen pigmy Implements, Yorkshire; and twenty-four English flint Arrow Heads	45 Kuly
Nine chert Knives; thirty Arrow Heads; and a Borer, Japan 40	(32/2)
Seven extremely tiny Arrow Heads, found in Colombia River; six flint Arrow Heads, and four coarser Implements, Italy; two Arrow Heads, from Finisterre; and seven Arab Amulets, in carnelian	4/15/ cm
Ten Implements, from the Cape of Good Hope; and sixty-five Pigmies and tiny Flakes, from various Indian localities 75	(22/2) Been
	Another, of curved form; an Example of rich green colour; and another, in darker material, 4 in. long; New Zealand A number of Implements and Bones, from the Torbryan Caves, Devonshire; a chipped Axe, from the Thames; twelve fine flint Arrow Heads, found in Egypt; three various polished Axes; and seven others Four ribbed glass Balls, from India; a Fish Hook and two decorated Rods, from West Australia; six recently mounted Implements; and two others 15 Five Chinese Armlets; five Charms; and two Seals, some of jade, on card 12 A Chinese Armlet; six Ornaments; and four Rings, all of jade, on card 11 Thirteen pigmy Implements, Yorkshire; and twenty-four English flint Arrow Heads Nine chert Knives; thirty Arrow Heads; and a Borer, Japan 40 Seven extremely tiny Arrow Heads, found in Colombia River; six flint Arrow Heads, and four coarser Implements, Italy; two Arrow Heads, from Finisterre; and seven Arab Amulets, in carnelian 26 Ten Implements, from the Cape of Good Hope; and sixty-five Pigmies

END OF SALE.

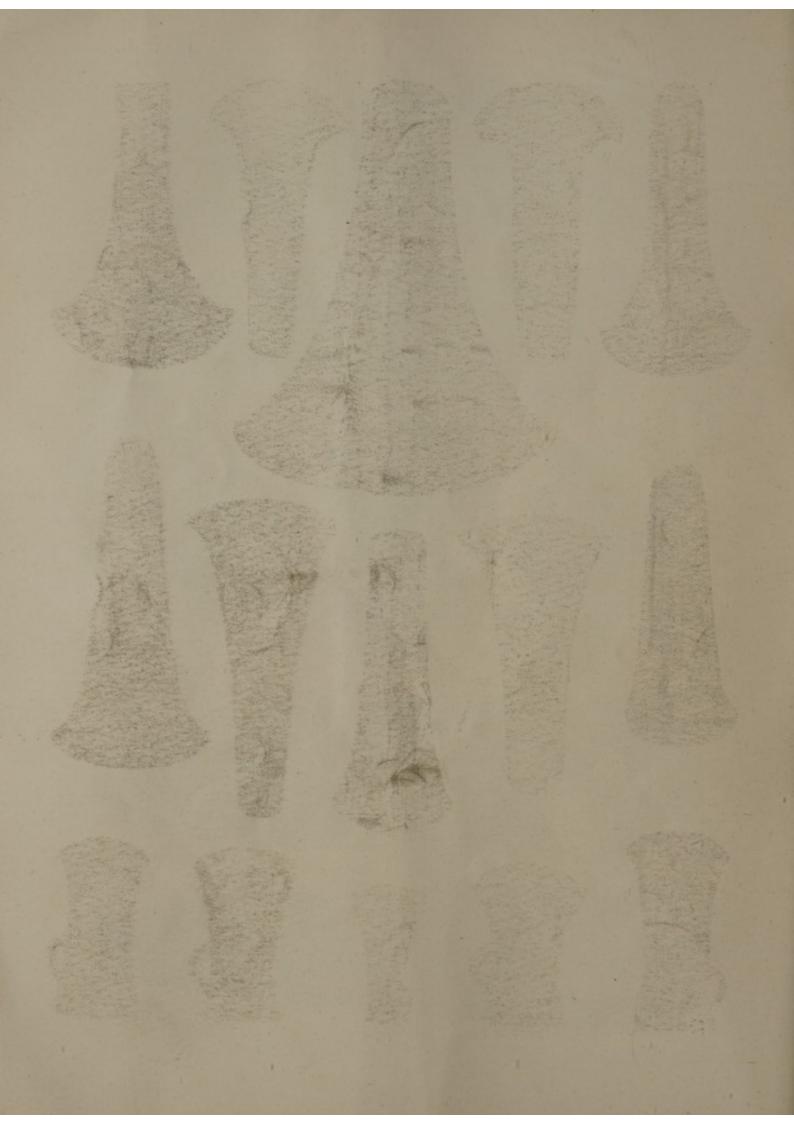
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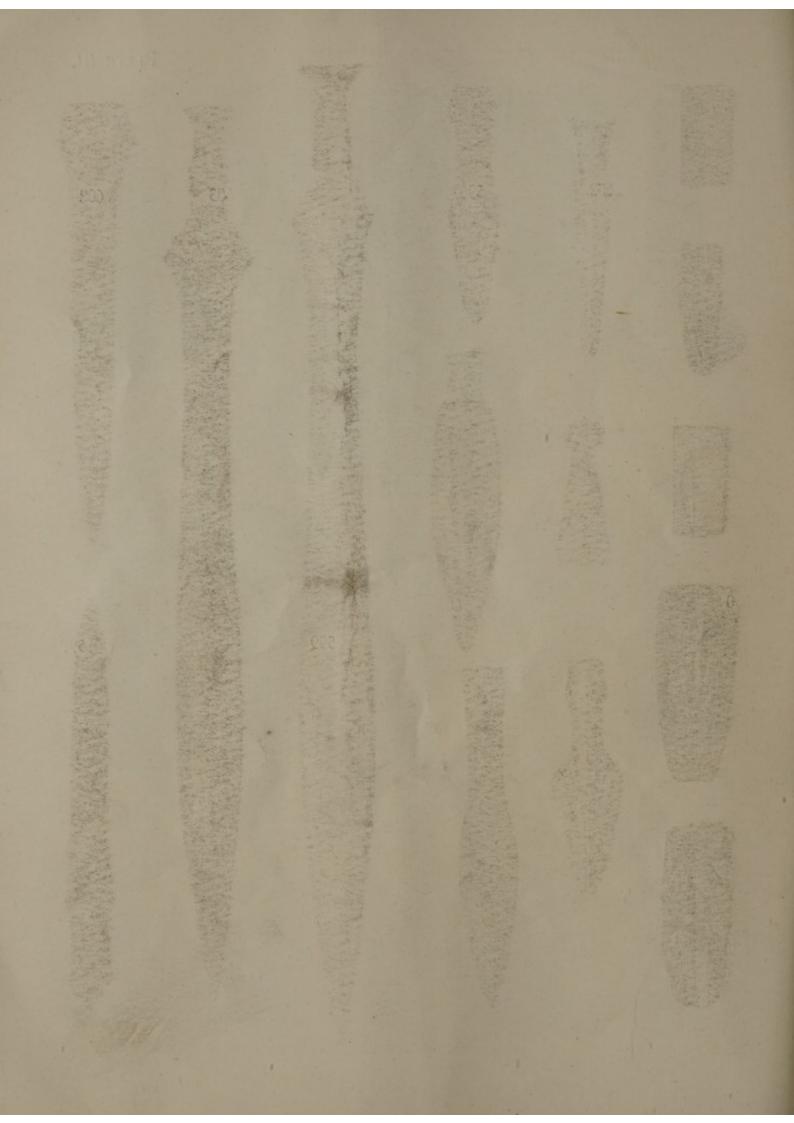
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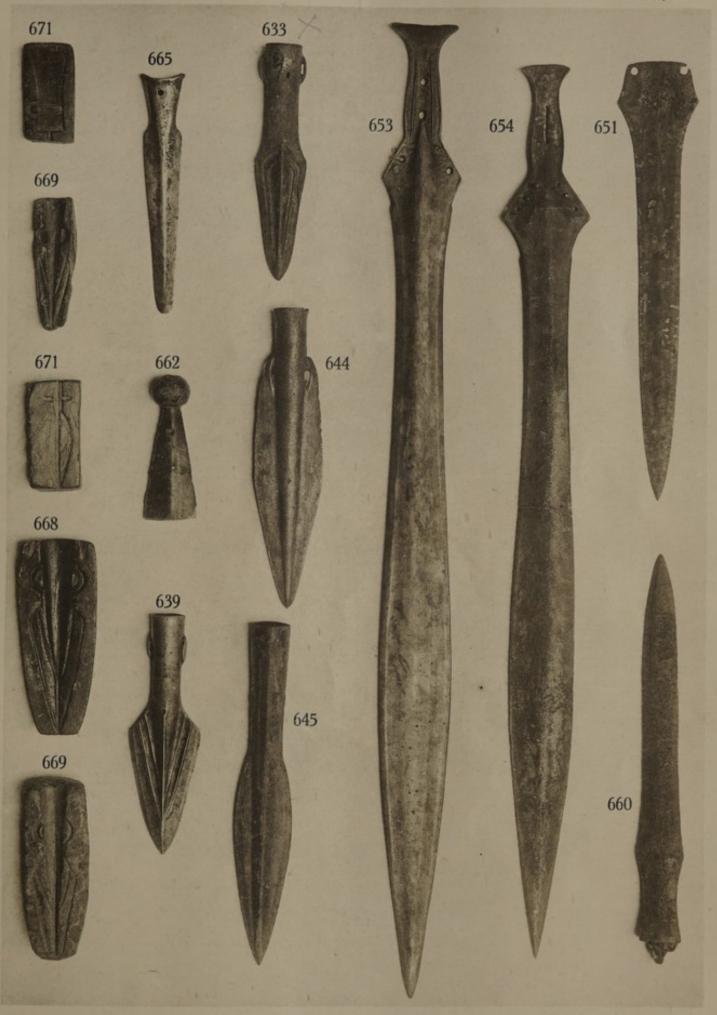


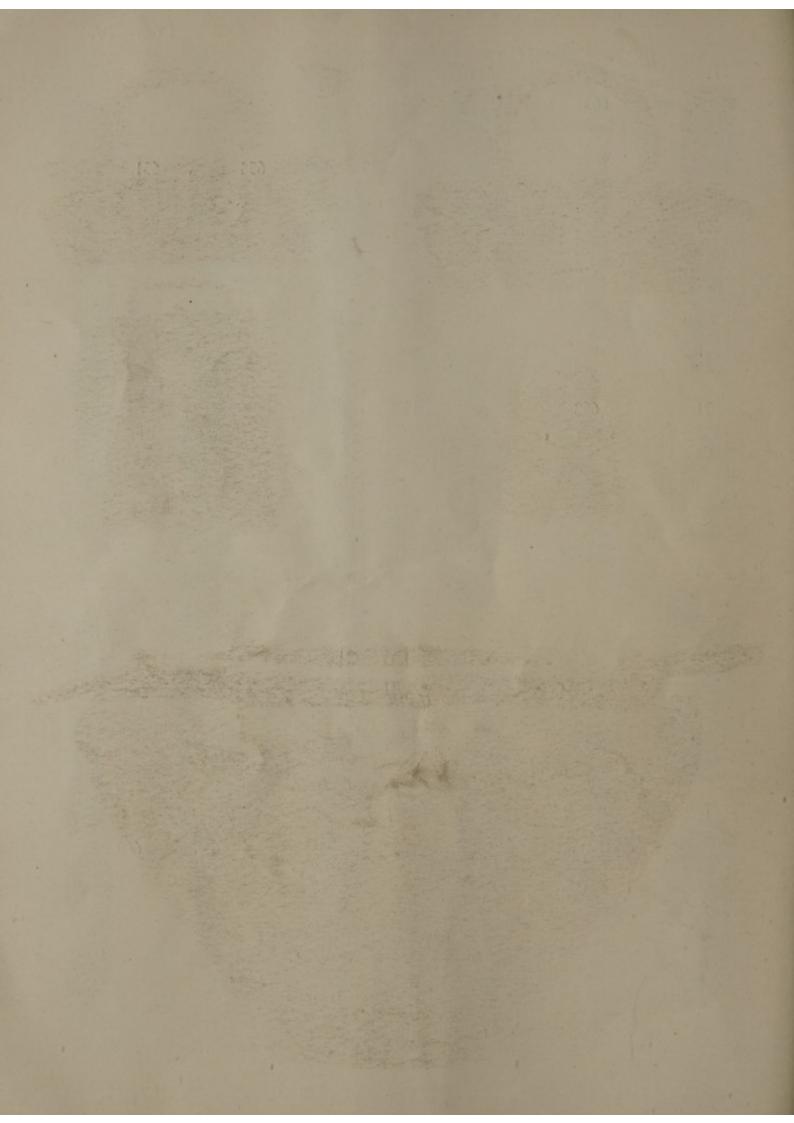


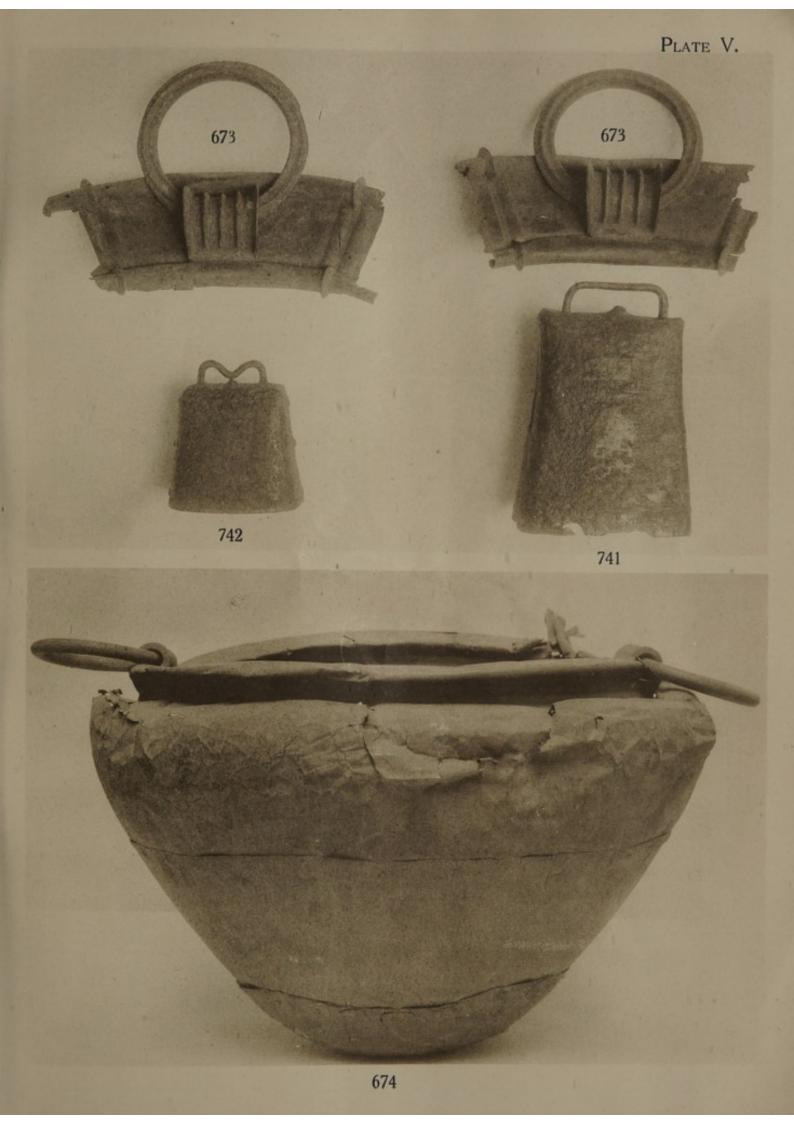


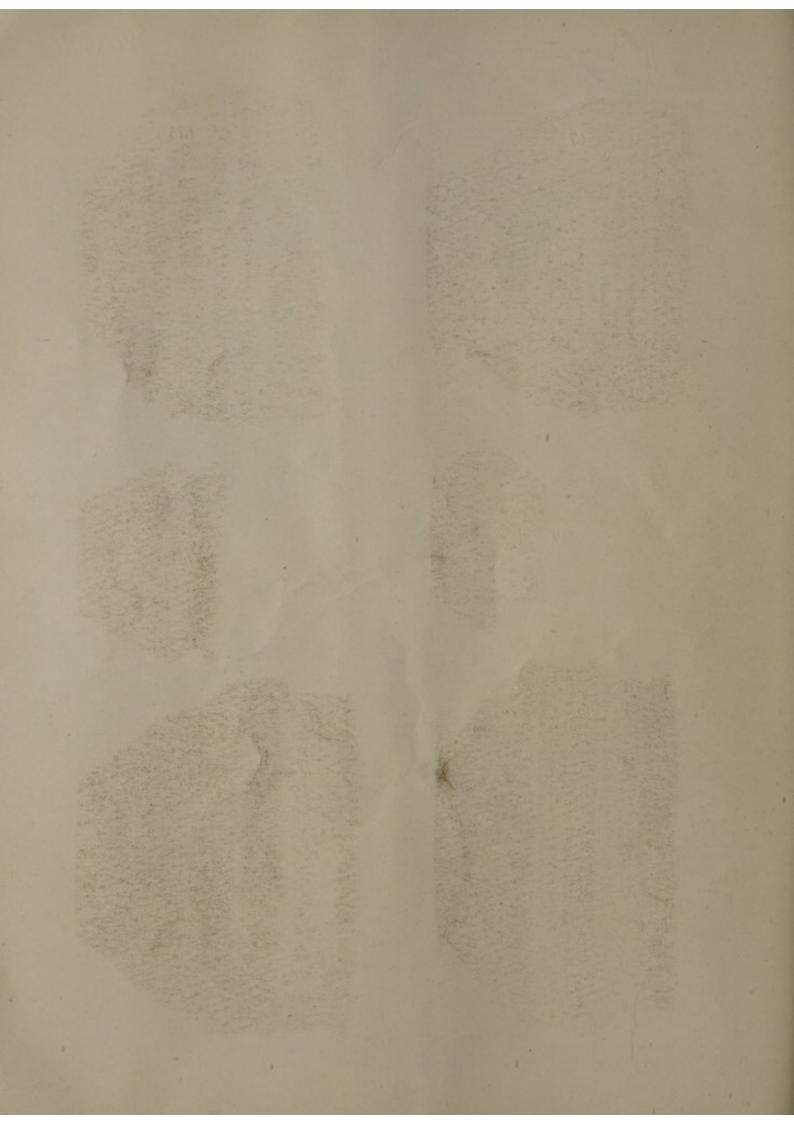


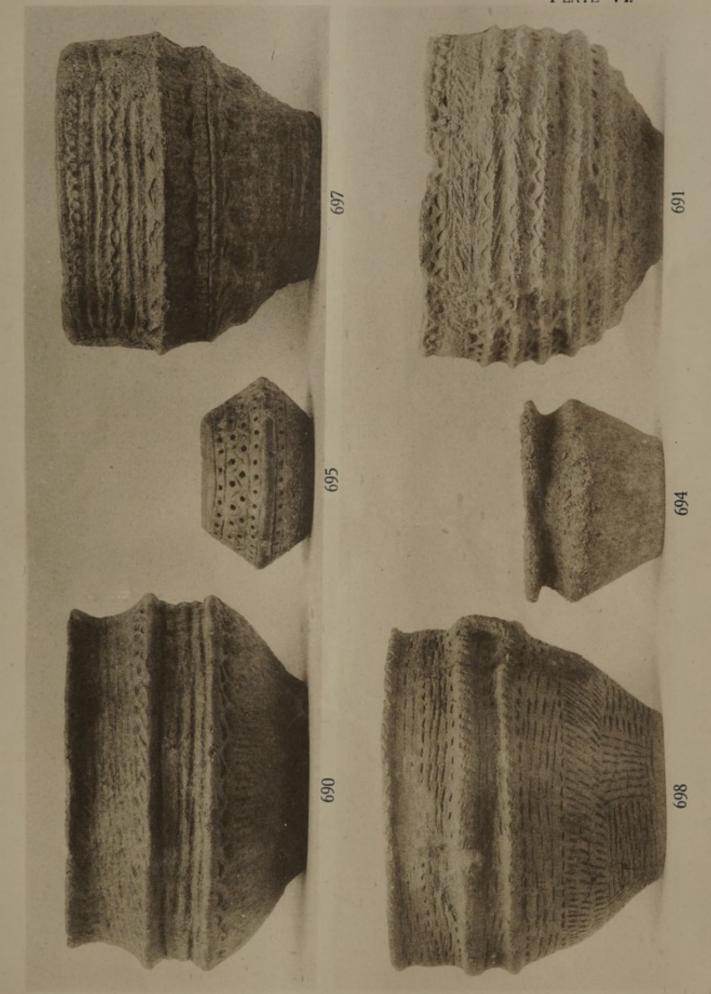


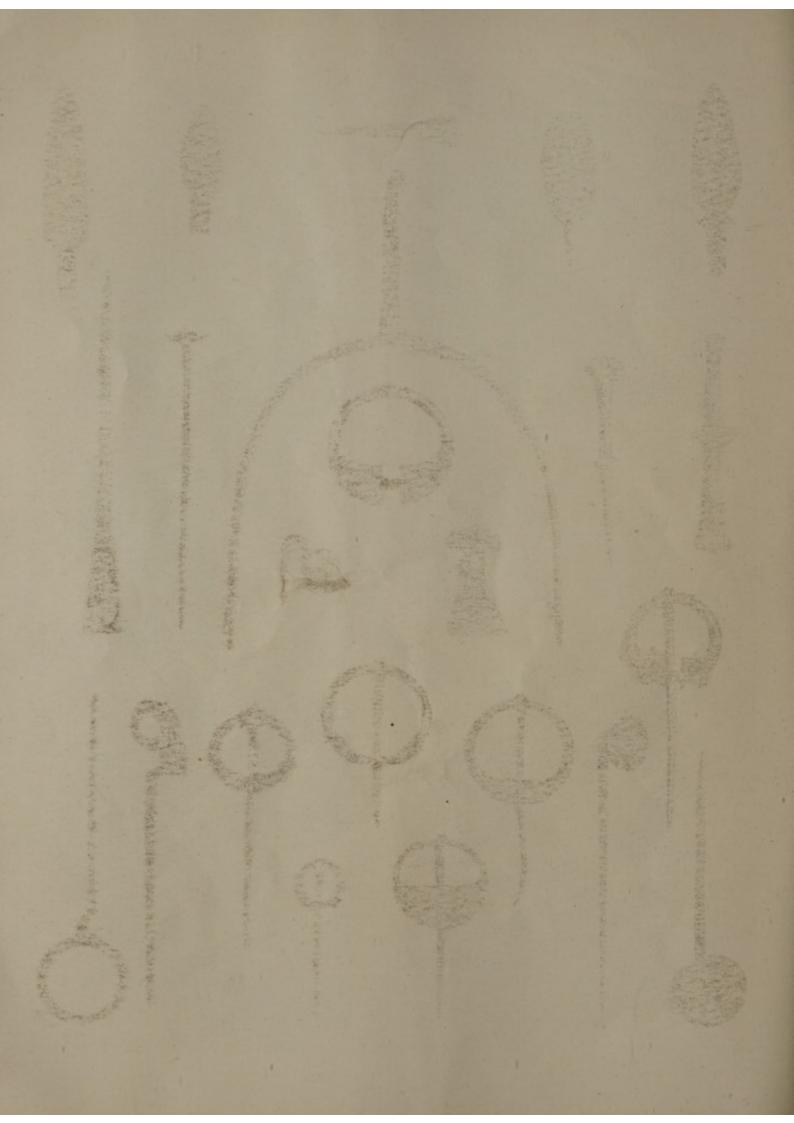


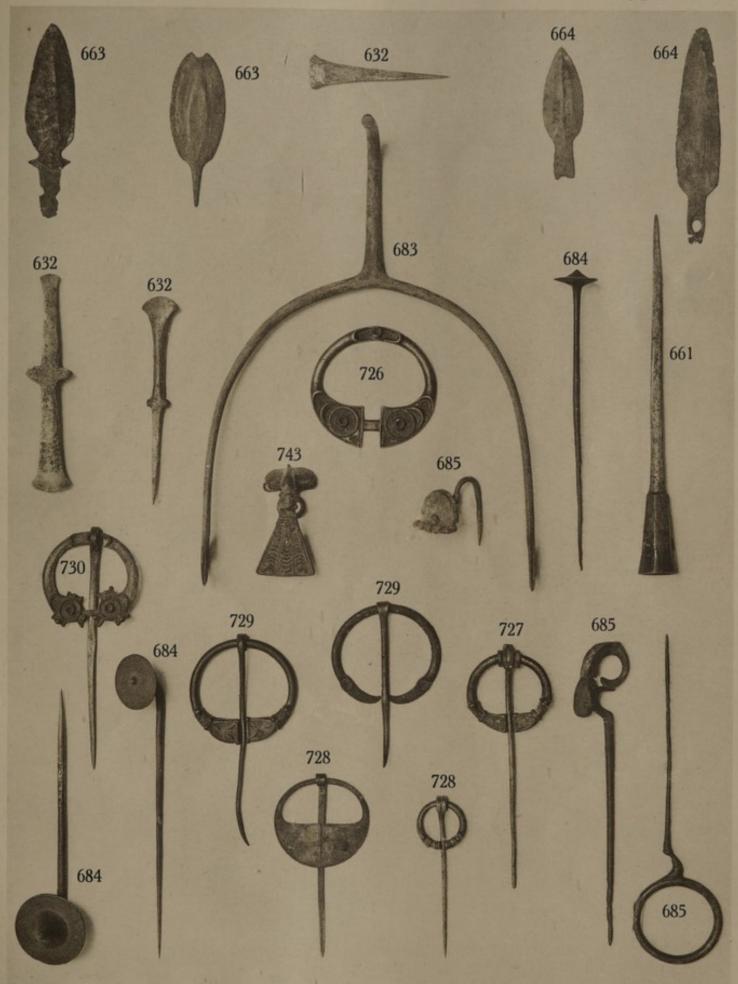


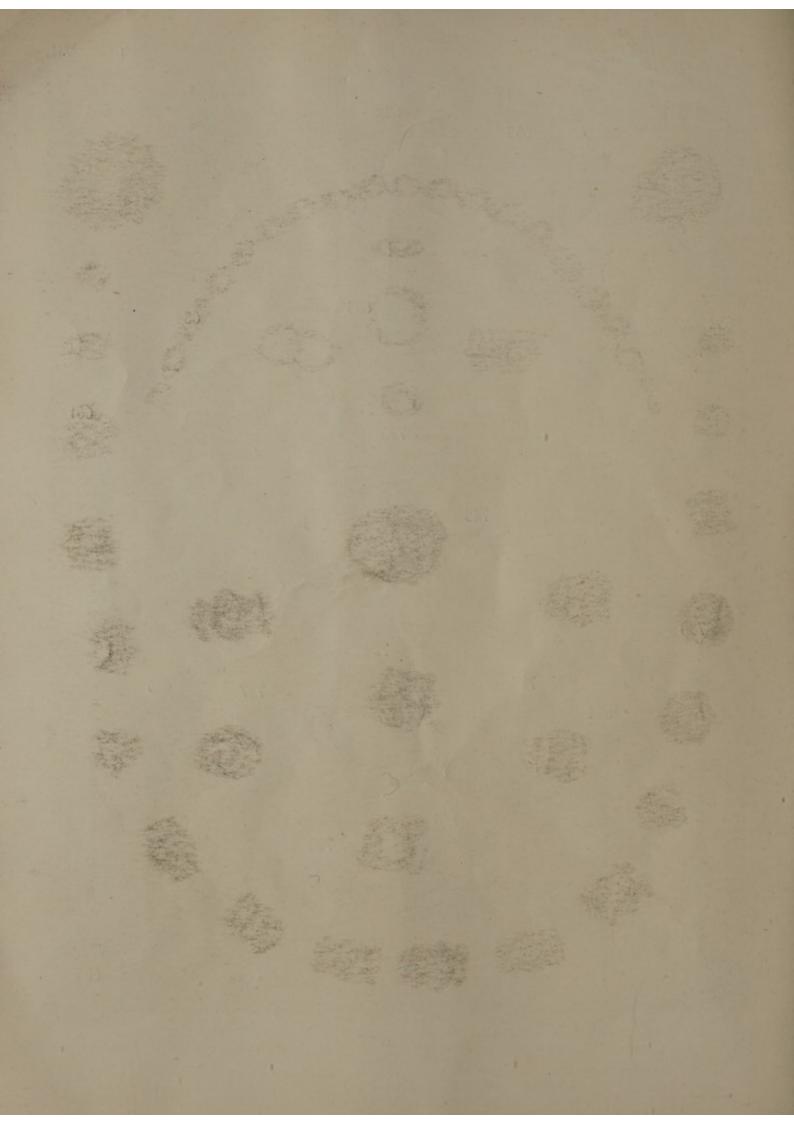


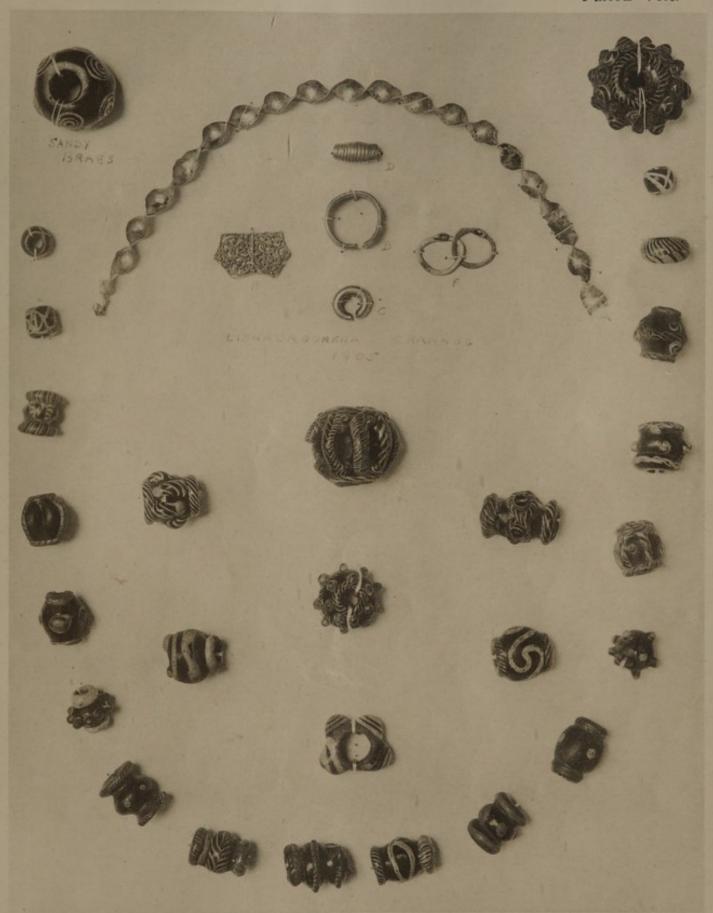


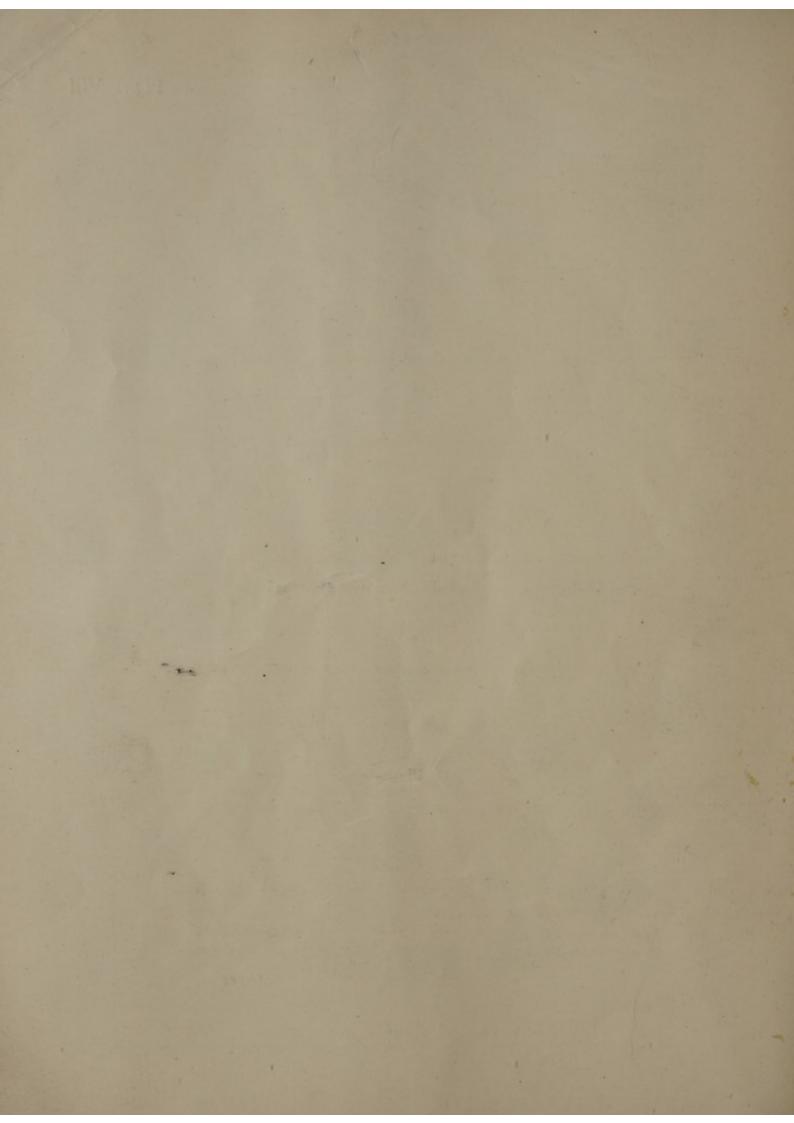












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Gazette de l'Hotel Drouot (Paris).

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New York Times.

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