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Table 1. Scatness: Radiocarbon determinations. The calibrated age ranges are determined from the University of Washington, Quaternary Isotope Laboratory, Radiocarbon Dating Program, 1987.

LAB NO	CONTEXT	MATERIAL	RADIOCARBON DETERMINATION	CALIBRATED AGE 1 σ	2 σ
GU-3401	119 Phase 3	*Alnus, Corylus* charcoal	1290 ± 70 BP	AD 660 - 786	AD 630 - 890
GU-3402	43 Phase 3	*Alnus, Salix* charcoal	1200 ± 60 BP	AD 724 - 892	AD 670 - 980
GU-3403	22 Phase 3	*Betula, Corylus* charcoal	1310 ± 90 BP	AD 647 - 786	AD 567 - 890

Table 2. Scatness: Distribution of mammal, bird and fish bone by phase (total numbers of fragments).

Species	Phase 2	Phase 3	Phase 4
MAMMALS			
Sheep (*Ovis*)	31	153	380
Cow (*Bos*)	0	35	24
Pig (*Sus*)	0	18	0
Horse (*Equus*)	0	0	2
Rabbit (*Oryctolagus*)	0	0	1
Small mammal	2	0	0
Unidentified	19	190	232
BIRDS			
Guillemot (*Uria aalge*)	0	2	0
Little Auk (*Alle alle*)	1	3	1
Puffin (*Fratercula arctica*)	1	0	0
Elder (*Somateria mollissima*)	0	4	6
cf Pochard (*Aythya ferina*)	1	0	0
Shoveler (*Anas clypeata*)	1	0	1
Hooded crow (*Corvus corone*)	1	2	0
Herring gull (*Larus argentatus*)	0	1	3
Kittiwake (*Rissa tridactyla*)	3	0	0
Cormorant (*Phalacrocorax carbo*)	1	0	1

Shag (*Phalacrocorax aristotelis*)	0	5	7
Manx shearwater (*Puffinus puffinus*)	0	1	0
Common snipe (*Gallinago gallinago*)	1	0	1
Starling (*Sturnus vulgaris*)	2	0	1
Bar tailed Godwit (*Limosa lapponica*)	0	1	0
Curlew (*Numenius arquata*)	0	0	1
Unidentified	2	1	17
FISH			
Cod (*Gadus morhua*)	1	0	35
cf Cod	0	0	2
Cod family (*Gadidae*)	0	0	81
cf Cod family	0	0	103
Unidentified	1	0	41

Table 3. East Shore Broch: selected dimensions

Width of broch wall in area 1

1st course:	5.2 m
2nd course:	4.6 m
16th/17th course (1.7 m):	4.4 m

Estimated diameters of broch

external:	20 m
internal:	11 m

Dimensions of radial walls in area 1

	Western	Eastern
length:	1.9 m	1.6 m
distal width:	0.4 m	0.55 m
proximal width:	0.7 m	0.7 m

Table 4. East Shore Broch: Radiocarbon determinations listed according to the stratigraphic sequence. The calibrated age ranges are determined from the University of Washington, Quaternary Isotope Laboratory, Radiocarbon Dating Program, 1987.

LAB NO	CONTEXT	MATERIAL	RADIOCARBON DETERMINATION	CALIBRATED AGE 1 σ	2 σ
AA-11694	2005 Phase 5	Carbonised cereal grain	1590 ± 66 BP	AD 400 - 547	AD 263 - 610
GU-3408	0028 Phase 5	*Alnus, Corylus* charcoal	1270 ± 70 BP	AD 666 - 852	AD 640 - 890
AA-11695	0036 Phase 5	Carbonised cereal grain	1914 ± 59 BP	AD 19 - 132	50 BC - AD 230
AA-11693	1058 Phase 4	Carbonised cereal grain	1777 ± 66 BP	AD 138 - 338	AD 80 - 410
AA-11692	0007 Phase 2	Carbonised cereal grain	3161 ± 71 BP	1517 - 1400 BC	1610 - 1268 BC

Table 5. Kirkl Geo, Fair Isle: Radiocarbon determination. The calibrated age ranges are determined from the University of Washington, Quaternary Isotope Laboratory, Radiocarbon Dating Program, 1987.

AA-11696	4 Phase 2	*Bos, Ovis* bone	1333 ± 64 BP	AD 648 - 759	AD 600 - 810