

TITLE Identification of Organic Material Associated with Metal Objects from
Castle Dyke, Barton, South Humberside. AML site No 1778.

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ABSTRACTS

Identification report.

KEYWORDS

Organic material, mineral preserved, iron, copper alloy, horn, wood,
leather, textile, knife, spearhead, box fittings, Anglo-Saxon.

THIS REPORT IS LEVEL III

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TO BE MODIFIED.

Organic material associated with metal objects from Castle Dyke.

38 objects have been examined for traces of organic material, and the observations are included in the following catalogue. The largest group to be reported on were 20 knife fragments of which 16 had traces of horn handles and 8 had the remains of leather sheaths. 5 spearheads had wood remains in their sockets, 4 were identified as hazel and the remaining one as willow or poplar. A set of iron casket fittings showed signs of jointing the details and sketches of which are included in the following catalogue.

ANCIENT MONUMENTS LABORATORY

MATERIAL PRESERVED ORGANIC

SITE:..... CASTLE DYKE, BARTON (DATE:.....)

SHEET: 1

AM No	SEM Stub	Photo No	Description and Report	Ref No
840846			Iron knife with traces of mineral preserved horn handle.	
840847			Copper alloy riveted plates with preserved organic between them - appears to be a mixture of straw-like material with seeds.	
840848			Knife blade with preserved leather sheath.	
840849			Knife tang with traces of mineral preserved horn, possibly sheep or goat.	
840850			Knife with traces of mineral preserved horn handle.	
840851			Knife with traces of mineral preserved horn handle.	
840852			Knife with traces of mineral preserved horn handle.	
840853	A407		Spearhead with mineral preserved wood in socket: <u>Corylus.sp</u> (Hazel).	
840854			Knife with traces of a probable horn handle and the remains of a leather sheath.	
840855			Knife with possible mineral preserved horn handle.	

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MATERIAL PRESERVED ORGANIC

SITE: CASTLE DYKE, BARTON..... (DATE:

SHEET:2.....

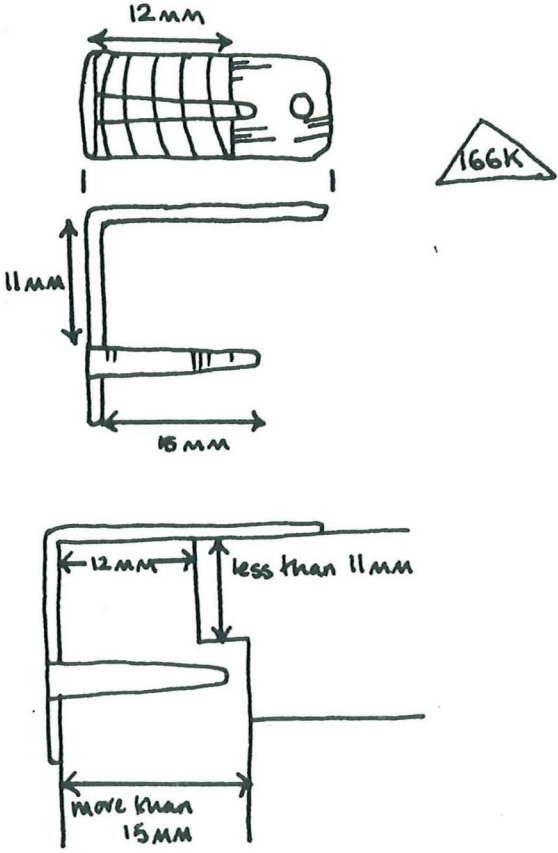
AM No	SEM Stub	Photo No	Description and Report	Ref No
840856			Small iron staple covered in mineral preserved textile.	⑤ ⑤ AZ 56
840857			Nail shank with mineral preserved wood: <u>Salix.sp</u> (Willow) or <u>Populus.sp</u> (Poplar).	⑥ ④ 55
840858			Spearhead with mineral preserved wood in socket: <u>Salix.sp</u> or <u>Populus.sp</u> .	114J
840859			Knife with traces of mineral preserved horn handle and possible leather sheath.	BNK 82/83 ③ ③ 143
840860			Copper alloy annular brooch with iron preserved textile around iron pin.	① ② 25 26 12
840861			Iron nail with mineral preserved wood: <u>Quercus.sp</u> (Oak).	④ ③ 1 31 13
840862			Iron object with layers of mineral preserved organic material - will need cleaning in order to comment and sample for identification.	⑤ ③ 36 163
840863			Knife tang with traces of probable mineral preserved horn.	⑤ ③ 33 163
840864			Knife with traces of a possible horn handle.	⑤ ③ 34 164

ANCIENT MONUMENTS LABORATORY

MATERIAL PRESERVED ORGANIC

SITE: CASTLE DYKE, BARTON..... (DATE:

SHEET:3.....

AM No	SEM Stub	Photo No	Description and Report	Ref No
840865			<p>Iron casket fittings with mineral preserved wood: (E) (35) / 16</p> <p><u>Fraxinus.sp</u> (Ash). From the grain direction observed on the different fittings the casket must have been made from flat sawn planks. From the preserved wood on 166K the sides must be more than 15mm thick, with possibly stepped butt joints as shown below.</p> <div style="text-align: center;">  </div> <p>Possible reconstruction of joint.</p>	
840866	A408		<p>Spearhead with mineral preserved wood in socket: (E) (36) / 16</p> <p>possibly <u>Corylus.sp</u> (Hazel) or <u>Alnus.sp</u> (Alder).</p>	

ANCIENT MONUMENTS LABORATORY

MATERIAL PRESERVED ORGANIC

SITE:..... CASTLE DYKE, BARTON (DATE:
SHEET: 4)

AM No	SEM stub	Photo No	Description and Report	Ref No
840867			Knife with traces of mineral preserved horn handle and possible leather sheath.	E 36 16
840868			Copper alloy buckle with mineral preserved leather.	E 37 169 C
840869			Fragment of knife with possible traces of a horn handle and leather sheath.	E 38 170
840870			Knife tang with traces of mineral preserved horn.	E 38 170
840871			Knife with traces of a probable mineral preserved horn handle.	E 39 171
840872			Iron buckle with silvered copper alloy riveted plate. Has mineral preserved leather and textile on it, and will require careful cleaning to reveal detail.	E 39 171
840873			Iron buckle with mineral preserved leather.	29 137R
840874			Copper alloy strap end with preserved leather between the plates.	A 25 26 17
840875			Fragment of copper alloy purse mount with preserved leather inside.	29 137X
840876	A409		Spearhead with mineral preserved wood in socket: <u>Corylus.sp</u> (Hazel).	A 19 4 1

ANCIENT MONUMENTS LABORATORY

MATERIAL PRESERVED ORGANIC

SITE: CASTLE DYKE, BARTON (DATE:

SHEET: ...5.....

AM No	SEM Stub	Photo No	Description and Report	Ref No
840877			Knife with traces of mineral preserved horn on the tang.	A 19 4 2
840878			Fragment of iron with mineral preserved textile.	A 19 4 4
840879			Knife tang with traces of mineral preserved horn.	A 19 12 25
840880			Knife with traces of a mineral preserved horn handle and a leather sheath overlain with textile.	A 21 5 8
840881	A410		Spearhead with mineral preserved wood in socket: probably <u>Corylus.sp</u> (Hazel).	A 24 17 11
840882			Fragment of knife blade with possible mineral preserved leather sheath.	A 25 26 16
840883			Fragment of knife blade with possible mineral preserved leather sheath.	C 29 1375