

TITLE Identification of organic material associated with metal objects from
Dover, Buckland Cemetery. AML site No. 830.

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ABSTRACTS

Identification report on selected objects with preserved organic
material on them.

KEYWORDS

Iron, copper alloy, knife, sword, spearhead, ferrule, wood, leather,
fleece, horn, ivory, Anglo Saxon.

THIS REPORT IS Level III

THE INFORMATION IN THIS REPORT IS PROVIDED ON THE UNDERSTANDING THAT ITS
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FURTHER PUBLICATION. SUCH CONSULTATION SHOULD ALSO INCLUDE PROVISION OF
PROOFS FOR CHECKING AT ALL STAGES IRRESPECTIVE OF WHETHER ALTERATIONS HAVE
BEEN MADE TO THE ORIGINAL TEXT, AS WELL AS FORMAT, LAYOUT, AND FRAMEWORK
WITHIN WHICH ANY CONDENSED VERSION IS TO APPEAR, ESPECIALLY IF ATTRIBUTION IS
TO BE MODIFIED.

ANCIENT MONUMENTS LABORATORY

MATERIAL PRESERVED ORGANIC

SITE: DOVER, BUCKLAND CEM (DATE:

SHEET: 1

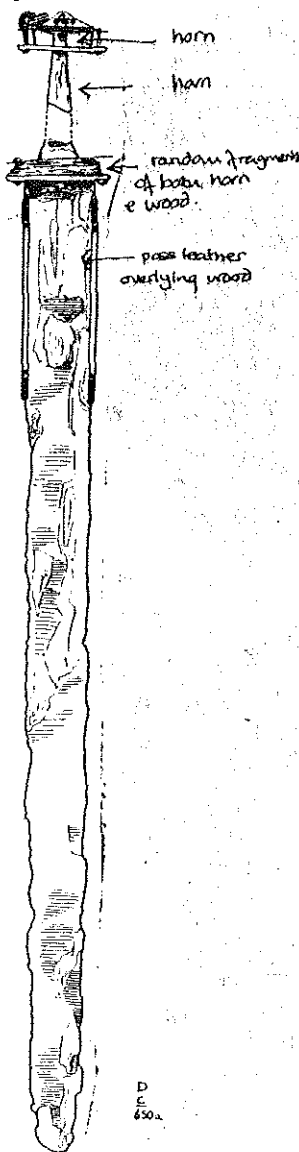
AM No	SEM Stub	Photo No	Description and Report	Ref No
830533	A257 A259 A258 A241 A240 A239	104: 5,6 102:10,11 110:1-4	<p>Preserved organic material on ring-sword: scabbard - wood is <u>Populus.sp</u> (Poplar) or <u>Salix.sp</u> (Willow). There are also the remains of a fleece lining and the possibility of leather overlying the wood - see drawing.</p> <p>hilt - lower guard appears to be a mixture of random fragments of organic material, generally lying with grain perpendicular to the tang. Wood fragments are <u>Populus.sp</u> or <u>Salix.sp</u>, so they could come from the scabbard.</p> <p>grip has organic material with grain lying along the tang, this is probably horn.</p> <p>organic material between the pommel bars also appears to be horn, probably cattle, with grain direction perpendicular to the tang.</p> <div> </div> <p>110:4. Preserved cattle horn from pommel of ring sword. Mag.c.100x.</p>	Gr. C

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MATERIAL PRESERVED ORGANIC

SITE: DOVER, BUCKLAND CEM (DATE:

SHEET: 2

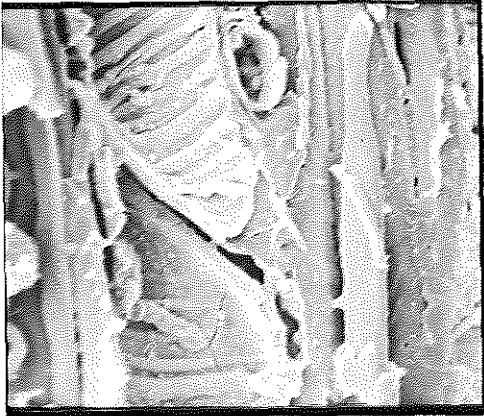
AM No	SEM Stub	Photo No	Description and Report	Ref No
830533				Gr. C
830534			<p>Black fragments appear to be very small pieces of charcoal rather than leather.</p> <p>Mineral preserved wood in spearhead socket: <u>Fraxinus.sp</u> (Ash) from mature timber.</p>	Gr. 1 Gr. 8/46

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MATERIAL PRESERVED ORGANIC

DOVER, BUCKLAND CEM
SITE:..... (DATE:)

SHEET: 3

AM No	SEM Stub	Photo No	Description and Report	Ref No
830535			Mineral preserved organic on knife tang: probably horn.	Gr. 38 261
830536	A254	104:3	Preserved wood on reverse of copper alloy buckle <u>Tilia.sp</u> (Lime).	Gr. 48 317
				
			104:3. Copper alloy preserved wood from reverse of buckle. Tangential longitudinal section. Mag.c.1000x.	
			Fragments of organic material associated with buckle are mainly textile, and some pieces are possibly leather.	Gr. 91 333
830537			Preserved organic material associated with seax: the handles of all three 'knives' appears to be horn.	Gr. 93 362
	A255		The seax has traces of a wooden scabbard, probably <u>Salix.sp</u> or <u>Populus.sp</u> .	
	A256	104:4	However, the two smaller 'knives' have only animal fur preserved on their blades. Possibly the seax scabbard was held together with the animal skin, and the two smaller	

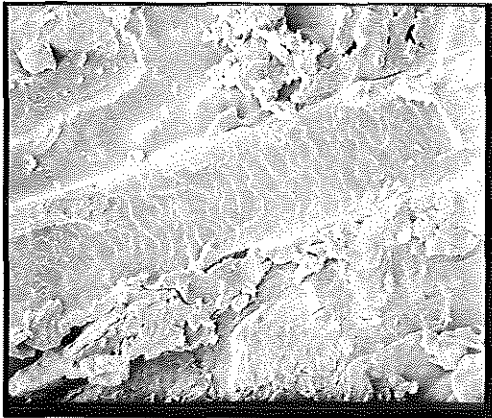

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MATERIAL PRESERVED ORGANIC

SITE: DOVER, BUCKLAND CEM..... (DATE:)

4

SHEET:

AM No	SEM Stub	Photo No	Description and Report	Ref No
830537			<p>'knives' slotted between the wood and the skin?</p>  <p>104:4. Preserved animal fur from 'knife' blade associated with seax. Mag.c.300x.</p>	<p>Gr. 93</p> <p>362</p>
830538	n246	109:20	<p>Preserved organic material associated with sword; organic material lying directly beneath pommel bar and with grain direction perpendicular to tang, is possibly ivory.</p>  <p>109:20. Preserved organic material from pommel, possibly ivory. Mag.c.1000x.</p>	<p>Gr. 93</p> <p>361</p>

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MATERIAL PRESERVED ORGANIC

DOVER, BUCKLAND CEM
 SITE:..... (DATE:)
 SHEET: ...5.....

AM No	Sam Stub	Photo No	Description and Report	Ref No
830538	A243	109:17	Grip is also ivory, but the grain lies along the tang.	Gr. 93 361
	A242	109:18,19	Lower guard, with grain perpendicular to tang, is possibly ivory. <div> </div> <p>109:18. Preserved ivory from lower guard of sword hilt. Mag.c.1000x.</p> <p>Scabbard has fleece lining, but none of the wood has been preserved.</p>	
830539	A260		Mineral preserved wood from spearhead and ferrule: both are <u>Fraxinus.sp</u> from mature timber.	Gr. 94 ^B 394
830540			Mineral preserved organic on knife tang is probably horn. Traces of a possible leather sheath on blade.	Gr. 95 410
830541			Mineral preserved organic on knife tang is probably horn.	Gr. 96 ^B 423

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MATERIAL PRESERVED ORGANIC

SITE: DOVER, BUCKLAND CEM (DATE:)
SHEET: 6

AM No	SEM Stub	Photo No	Description and Report	Ref No
	A313		Wood corresponding to copper alloy tag with sword: ring porous wood, possibly <u>Quercus.sp</u> (Oak) or <u>Fraxinus.sp</u> (Ash).	Gr. 96 ^B 424
			Fragments of organic from above copper alloy box are bone or antler.	Gr. 107 453
830542			Mineral preserved organic on knife tang is probably horn.	Gr. 117 487
830543			Mineral preserved organic on knife tang is probably horn.	Gr. 120 491
830544	A237	105:17,18	Knife with composite handle.	Gr. 158 620
	A261		The three main sections are probably bone.	
	A238		The lower one had wood packed between the iron tang and the bone: <u>Salix.sp</u> or <u>Populus.sp</u>	
			Between the bone sections are the remains of some organic material that has been wound round the tang.	
			