

## Wood Identification

Site code: ONE94

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Armitage et al 285 Roman finds of barrels and writing tablets many made of wood not native to Britain, barrels of *Abies* sp. and *Cedrus* sp. found on several waterfront sites, larch and spruce (*Larix/Picea* sp. apparently used in the manufacture of writing tablets NFW Pudding lane, presumably imported ready made to Britain (Straker in prep)

No. 1 Poultry Wood identification by Lisa Gray-Rees Oct-Nov 1999

Sample No.	Description	Diagnostic Features	Identification
18173	sail	hardwood, diffuse porous, radial files, 1-7 cell ray width ray height c 10 cells, storied distribution of rays, no resin ducts, heterogeneous rays, scalariform plates 3 widely spaced bars seen	<i>Corylus avellana</i> L
18173	rod	hardwood, ring porous, flame like vessel distribution, aggregate rays, homogenous and heterogeneous rays, simple perforation plates	<i>Quercus</i> sp.
18174	sail	hardwood, diffuse porous, radial files – some in pairs, heterogeneous rays, scalariform plate – incomplete with bars widely spaced	<i>Corylus avellana</i> L
18174	rod	hardwood, diffuse porous, radial files some in pairs, ray width 2-3 cells. ray height 10-16, storied distribution of rays, homogeneous rays, scalariform plate c8 bars	<i>Corylus avellana</i> L
18174	rod	hardwood, ring porous? not clear, ray width 1 and 2&3, ray height 10, no tail cells, homogeneous rays, storied distribution, no resin ducts, scalariform plate 12-15 bars	cf. <i>Betula pendula</i>
18175	rod	hardwood, ring porous, flame-like vessel distribution, uni-seriate rays, rays 10-15 cells high, no resin ducts in rays, mostly homogeneous rays	cf. <i>Quercus</i> sp.
18175	sail	hardwood, diffuse porous, vessels in radial files or pairs, uni-seriate rays, rays 8-13 cells high, tail cells present, heterogeneous rays, storied distribution, scalariform perforation plates with c8 bars	<i>Corylus avellana</i> L
18175	rod ( 2 )	hardwood, ring porous, flame like distribution of vessels, multiseriate and aggregate rays, heterogeneous and homogeneous rays	<i>Quercus</i> sp.
18176	rod	poorly preserved, hardwood, ring porous, vessel distribution not clear but vessels large	cf. <i>Quercus</i> sp.
18176	rod	hardwood, ring porous, flame like vessel distribution, large vessels, multiseriate rays	<i>Quercus</i> sp.
18176	sail	hardwood, diffuse porous, radial files, 1-2 cell wide rays, 11-15 cells high, tail cells, storied distribution of rays, no resin ducts, homogeneous and heterogeneous rays, scalariform plates with 5 bars seen	<i>Corylus avellana</i> L
18176	rod	poorly preserved, hardwood, ring porous, large vessels but distribution not clear,	cf. <i>Quercus</i> sp.

		multiseriate and aggregate rays	
18177	rod	hardwood, semi-ring porous, flame like vessel distribution, some radial vessels, uniserial aggregate rays, rays 10-12 cells high, no tail cells, heterogeneous rays visible, simple plate?	<i>Quercus</i> sp.
18177	sails	poorly preserved, hardwood, diffuse porous, radial files, tail cells, heterogeneous rays, scalariform plates with 5-7 bars	<i>Corylus avellana</i> L
18217	wattle weaver 4	hardwood, diffuse porous, vessels present – some in pairs and radial, uni-seriate rays, scalariform plate with 8-9 bars	<i>Corylus avellana</i> L
18217	wattle weaver (2)	hardwood, diffuse porous, radial files, tail cells, scalariform plates with 3-4 bars visible, c3 rings	<i>Corylus avellana</i> L
18217	wattle weaver (4)	hardwood, diffuse porous, radial files, tail cells, uni-seriate rays, hetero and homogenous rays, scalariform plates with 8-9 bars visible, c2 rings	<i>Corylus avellana</i> L
18217	wattle weaver (5)	hardwood, diffuse porous, radial files, scalariform plates with 2-3 bars visible	cf. <i>Corylus avellana</i>
18217	wattle weaver (6)	hardwood, diffuse porous, radial files, scalariform plates with about 5 bars visible, c2 rings	<i>Corylus avellana</i> L
18217	wattle weaver (3)	hardwood, semi-ring-diffuse porous, radial files, scalariform perforation plates c5 bars, c2 rings	<i>Corylus avellana</i> L
18217	wattle weaver (9)	hardwood, diffuse porous, radial files, scalariform plate with 8 bars	<i>Corylus avellana</i>
18217	wattle weaver (12)	hardwood, diffuse porous, radial files, ray height 10-11, tail cells present, homo and heterogeneous rays	cf. <i>Corylus avellana</i>
18217	wattle weaver (13)	hardwood, diffuse porous, radial files, scalariform plates with c3 bars visible	cf. <i>Corylus avellana</i>
18217	wattle weaver (14)	poor preservation, hardwood, diffuse porous, radial files	cf. <i>Corylus avellana</i>
18217	wattle weaver (19)	hardwood, semi-ring-diffuse porous, radial files very clear, no tail cells, homogenous rays, perforation plates not clear – simple?	cf. <i>Corylus avellana</i>
18217	wattle weaver (20)	hardwood, diffuse porous, some large vessels, some in radial pairs, uni-seriate rays? rays 11 cells high. heterogeneous rays, simple plates,	cf. <i>Corylus avellana</i>
18313	headpiece of barrel	softwood, quick transition form early to late wood, rare resin ducts, no spiral thickening, piceoid pitting in rays	<i>Larix</i> sp. – these really do look like larch ,the piceoid pits are clear and I've compared them with the reference slide
18313	barrel stave	softwood, quick transition form early to late wood, resin ducts in rays, no spiral	<i>Larix</i> sp.

	offcut 18313	- thickening, piceoid pitting in rays	
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