

ANCIENT MONUMENTS LABORATORY

REPORT

1819

SERIES/No

CONSULTANT

AUTHOR

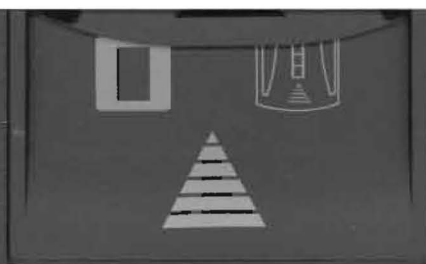
J.R.B. Arthur }
P.J. Paradine }

13/10/75

TITLE

BOLTON

Seed



ANCIENT MONUMENTS LABORATORY

MATERIAL SEEDS

BOLTON

SITE: (DATE: 13/10/75)

SHEET: 1

AM No	X-Ray No	Photo No	Description and Report	Ref No
743191			<p>The following seed identifications refer to samples of charred seeds separated from the weed charcoal submitted for identification.</p> <p><u>Additional notes.</u></p> <p>A/AQ 1961 - This was separated from a sample which consisted entirely of fragments of oak (<u>Quercus</u> sp.) charcoal. This was omitted from the charcoal report.</p> <p>A/AP 2107 - This sample contained large quantities of charred cereal remains. About 50% of the sample was water sieved and seeds separated by hand. The remainder of the sample was submitted untouched.</p> <p>Most of the seeds identified in this sample include cultivated ground and/or waste places in their known habitats.</p>	

Carole A. Keepey

BOLTON Medieval

A/AQ 1961	<u>Vicia faba</u> L. 3 half beans (broad bean)
A/BU 2108	<u>Vicia faba</u> L. 2 beans
A/SC 192	<u>Vicia faba</u> L. 1 bean
A/AP 2107	<u>Triticum turgidum</u> L. (In bottle) 110 grains wheat. Broken grain not included.
	<u>Avena</u> spp. 2 grains (oats)
	<u>Sambucus nigra</u> L. 1 fruit (elder)
	<u>Anthemis cotula</u> L. 12 achenes (stinking mayweed)
	<u>Ajuga reptans</u> L. 3 nutlets (bugle)
	<u>Acinos arvensis</u> (Lam.) Dandy. 1 nutlet. Probably later date (basil-thyme)
	<u>Geranium</u> sp. Most likely <u>G. robertianum</u> L. 8 seeds (herb robert)
	<u>Lolium</u> sp. 1 naked caryopsis
	<u>Phleum pratense</u> L. 1 naked caryopsis (timothy)
	<u>Potentilla</u> sp. Most likely <u>P. sterilis</u> (L) Garcke 8 achenes
	<u>Rumex crispus</u> L. 1 nut (curled dock) (cinquefoils etc)
	<u>Stellaria</u> sp. 2 seeds and fragments (chickweeds etc.)
	<u>Cerastium</u> sp. 2 seeds and fragments " "
	<u>Atriplex patula</u> L. 2 seeds (iron-root)
	<u>Chenopodium album</u> agg. 2 seeds (fat hen)
	<u>Chenopodium</u> sp. Most likely <u>C. polysperum</u> L. 1 seed
	<u>Fumaria officinalis</u> L. 3 capsules. (common fumitory)

Many more seeds were present in the sieved residue in addition to the ones identified above, but were too damaged for accurate identification.

Comment: Grains of Triticum turgidum L. Rivets wheat were found in the untouched sample; also nodes and internodes of the straw and minute pieces of the inflorescence. Fragments of the solid straw, approx. 1 cm. in length clearly showed the striate markings, numerous pieces from 2.0 to 6.0 mm. of awns aided enormously by the morphological characters in providing the exact identification of the wheat cultivar which became so important agriculturally in crop husbandry from the 13th. century to the early 20th. century. (1)(2)

1. The Excavation of a Motte and Bailey castle at Therfield, Herts.
BIDDLE. Martin. P.87
2. Wheats in Great Britain. PERCIVAL. John. 1948 P. 91


J.R.B. Arthur.


P.J. Paradine

Note. Small bones are present in the sieved residue of A/AP A 2107