



Root identification  
Vegetation surveys  
Tree/Building investigations  
Plant taxonomy

# Richardson's Botanical Identifications

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## Auger Solutions

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*Your ref:* **97316-5-1**

*Our ref:* **82/1405**

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Dear Sirs

## Root ID

The samples you sent in relation to the above have been examined (note - ALL were very immature (less than 0.3mm in diameter); note also that the 'dead' results could be unreliable as a result). Their structures were referable as follows:

RBH, 1.0m		
2 no.	Examined root: similar in many ways to AESCULUS (Horse Chestnut and related Buckeyes). This was a very IMMATURE sample.	Alive, recently*.
RBH, 1.2m		
3 no.	Examined root: essentially too immature for identification; definitely NOT a conifer.	Dead*.
RBH, 1.5m		
1 no.	Examined root: also very THIN. We cannot rule out AESCULUS (Horse Chestnut and related Buckeyes).	Alive, recently*.
2 no.	Both pieces of BARK only - insufficient material for recognition.	
RBH, 1.8m		
2 no.	Examined sample: very unusual in structure. Could, tentatively be either GINKGO (Maidenhair Tree) - or - a fairly insignificant herbaceous (non-woody) plant. Note that this could well be a TWIG or SUCKER, rather than a root.	Dead*.
RBH, 2.1m		
1 no.	Examined root: as previously, could be AESCULUS (Horse Chestnut and related Buckeyes).	Alive, recently*.
1 no.	Examined root: QUERCUS (Oak) or the related CASTANEA (Sweet Chestnut).	Alive, recently*.
1 no.	A piece of BARK only, insufficient material for identification.	

Click here for more information: [AESCULUS](#) [CASTANEA](#) [QUERCUS](#)

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

\* Based mainly on the Iodine test for starch. Starch is present in some cells of a living woody root, but is more or less rapidly broken down by soil micro-organisms on death of the root, sometimes before decay is evident. This result need not reflect the state of the parent tree.

Identified with no information on vegetation, on or off site.

Report commissioned by

