



Richardson's Botanical Identifications

Root identification
Vegetation surveys
Tree/Building Investigations
Plant taxonomy

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Auger Solutions



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Dear Sirs

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The samples you sent in relation to the above have been examined. Their structures were referable as follows:

TH1, 1.0m		
1 no.	Examined root: a conifer, could well be the family CUPRESSACEAE (cypresses ('macrocarpa', 'Leylandii' etc.), Thuja (Western Red Cedar), Junipers). This was a very IMMATURE sample.	Alive, recently*.
1 no.	Microscopic examination showed insufficient cells for recognition.	
TH1, 1.5m		
1 no.	Examined root: in many ways like ABIES (Firs) and also the family CUPRESSACEAE, subfamily TAXODIACEAE (Sequoias, Redwoods, Swamp Cypress). In their absence, we would suggest either Cypress, Thuja (Western Red Cedar) or Juniper. This was also very IMMATURE (under 0.3mm in diameter).	Alive, recently*.
3 no.	Unfortunately all with insufficient cells for identification.	

Click here for more information: [CUPRESSACEAE](#) [TAXODIACEAE](#)

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.

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