

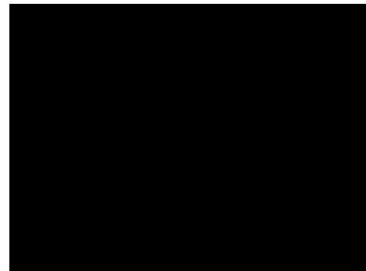
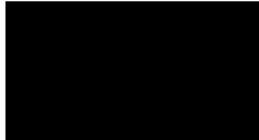


Richardson's Botanical Identifications

Root identification
Vegetation surveys
Tree-Building investigations
Plant taxonomy

Dr Ian B K Richardson
BSc, PhD, CBiol, MiBiol, MiHort, FLS
James Richardson
BSc (Hons. Biology)

Auger Solutions



17/10/2018

Dear Sirs

23 Laurier Road

The samples you sent in relation to the above on 28/09/2018 (received by us on 11/10/2018) have been examined. The structure was referable as follows:

TH1, 1.1m

1 root: AESCULUS (Horse Chestnut and related Buckeyes). 3 further samples, not examined in detail appeared similar under low magnification. Alive, recently*.

1 root: too DECAYED for identification.

4 samples: unfortunately insufficient cells for identification.

TH2, 1.5m

1 root: AESCULUS (Horse Chestnut and related Buckeyes). A further sample, not examined in detail appeared similar under low magnification. Alive, recently*.

1 root: the family Rosaceae, EITHER the subfamily POMOIDEAE (a group of closely related trees: Malus (Apple), Pyrus (Pear), Crataegus (Hawthorn), Sorbus (Rowan, Whitebeam, Service tree), Mespilus (Medlar), and some shrubs (Pyracantha (Firethorn), Chaenomeles (Japonica), Cydonia (Quince), Amelanchier, Cotoneaster)) OR [the related] PRUNUS species (Cherries, Plums and Damsons, Almonds, Peaches and Apricots, Blackthorn/Sloe, as well as the shrubby Cherry-laurel and Portugal-laurel). This sample had NO BARK. 3 further samples, not examined in detail appeared similar under low magnification. Alive, recently*.

5 pieces of BARK only - insufficient material for identification.

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  **auger**