

**Trading as Central London Tree Surveys** 

# 4 South Villas, London, NW1 9BS

# BS5837 Arboricultural Report & Tree Constraints Plan

Surveyor: John Crawshaw, M.Arbor.A. RFS Cert Arb

Survey Date: 4<sup>th</sup> February 2017

Report Date: 5<sup>th</sup> February 2017



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# 1. INTRODUCTION

#### 1.1. Brief

I am instructed by, Malcolm Herring of ara Architects, Paper Mews Place, 290 High Street, Dorking,



**Surrey, RH4 1QT** to inspect the trees at **4 South Villas, London, NW1 9BS** and to provide an arboricultural report for the trees located within and adjacent to the site, as shown on the Tree Constraints Plan enclosed.

#### 1.2. Qualifications and experience

I have based this report on my site observations and the provided information, and I have come to conclusions in the light of my experience and qualifications, RFS Cert Arb, HND, M.Arbor A

#### 1.3. Documents and information provided

I was provided with a site plan.

#### 1.4. Scope of this report

This report is only concerned with the trees shown on the enclosed plan. Trees with a diameter of less than 75mm have not been surveyed in line with BS5837 2012. Unless indicated on the Tree Constraints Plan TCP due to their location and impact.

#### 1.5. Limitations of use and copyright

All rights in this report are reserved. No part of it may be reproduced or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in any retrieval system of any nature, without our written permission. Its content and format are for the exclusive use of the addressee in dealing with this site. It may not be sold, lent, hired out or divulged to any third party not directly involved in this site without the written consent of Crawshaw Arborcare Ltd.

#### 2. SITE VISIT AND OBSERVATIONS / COLLECTION OF DATA

#### 2.1. Site visit

I carried out the tree survey on the 4<sup>th</sup> February 2017 my observations were from ground level only.

#### 2.2. Site description

The survey site is situated within a residential area and comprises terraced house, sub divided into apartments. There is a rear garden containing one tree and a handful of trees within adjacent gardens.

#### 2.3 Identification and location of the trees

The trees have been identified and are listed within the Tree Survey Schedule. I have plotted the locations of the trees on the plan included. All the relevant information on it is contained within this report and the provided documents. Only the significant trees are included in this report; trees with a diameter of less than 75mm (BS5837 2012) are not included unless their position was felt to be significant. All trees have been allocated a classification. The classification cascade chart can be found below.

Aerial Photo



**2.4. Tree observation.** I visually inspected the trees and recorded the information below. Each tree has been given a classification relevant to BS5837 2012.

#### CASCADE CHART FOR TREE QUALITY ASSESSMENT (from British Standard 5837:2012 "Trees in Relation to Design, demolition and Construction")

Category and Definition	Criteria			Identification on Plar						
Category U Those in such a condition that the cannot realistically be retained as living trees in the context of the current land use for longer than 1 years  TREES TO BE CONSIDERED F	<ul> <li>Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other U category trees (i.e. where, for whatever reason, the loss of companion shelter cannot be mitigated by pruning).</li> <li>Trees that are dead or are showing signs of significant, immediate and irreversible overall decline.</li> <li>Trees infected with pathogens of significance to the health and/or safety of other trees nearby), or very low quality trees suppressing adjacent trees of better quality.</li> <li>NOTE: Category U trees can have existing or potential conservation value which it might be desirable to preserve; see 4.5.7</li> </ul>									
TREES TO BE CONCIDENED I										
Octobra Definition	Criteria – Subcategories									
Category and Definition	Mainly Arboricultural Qualities	Mainly Landscape Qualities	Mainly Cultural Values, including Conservation	Identification on Plar						
Category A Those of high quality with a estimated remaining life expectancy of at least 40 rears	Trees that are particularly good examples of their species, especially if rare or unusual, or essential components of groups, or of formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue).	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture).	LIGHT GREEN							
Category B Those of moderate quality with a estimated remaining life expectancy of at least 20 years	Trees that might be included in category A, but are downgraded because of impaired condition (e.g. presence of unsympathetic past management and storm damage) such that they are unlikely to be suitable for retention for beyond 40 years; or lacking the merit for Category A	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with clearly identifiable conservation or other cultural benefits.	MID BLUE						
Category C Those of low quality with an estimated life expectancy of at east 10 years, or young trees with a stem diameter below 150mm.	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value; and/or trees offering low or only temporary/transient landscape benefits	GREY							



# 2.4.1. Tree Survey Schedule

ID	Species	H/T	Stems	Dia	(	Canopy	<sup>,</sup> Spread	d	Branch	H/T	Age	Years	Cat	Observations	Recommendations
				mm	North	East	South	West	First	Crown					
T1	Silver Birch	4	S	150	1	2.5	2	2.5	1.5E	1.5	Young	10	С	Tree has been subjected to historic severe pruning, some rot present on main stem	Monitor/possible removal
T2	Ash	14	S	500	5	6	4	5	8N	6	Mature	40+	A	Good overall condition, within neighbouring property	None
Т3	Silver Birch	10	s	200	1	1.5	1.5	1	<b>4</b> S	3	Early Mature	30	В	Good overall condition, historic top reduction, may be causing cracking on boundary wall	Monitor wall
T4	Silver Birch	12	S	200	2	2	2	3	8S	6	Early Mature	30	В	Tree spears in good condition, encroaching climber covering main stem.	None
T5	Lime	15	S	500	4	4	4	4	5W	5	Mature	40+	A	Good overall condition, within neighbouring property	None

# 2.4.2. Root Protection Areas

ID	SPECIES	CAT	RPA (r)	RPA (a)
T1	Silver Birch	С	1.8	10.2
T2	Ash	Α	6	113.1
T3	Silver Birch	В	2.4	18.1
T4	Silver Birch	В	2.4	18.1
T5	Lime	Α	6	113.1

<sup>\*</sup>RPA may be reduced by retaining walls # Denotes estimated measurement due to limited access



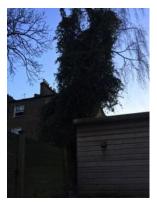
#### 2.4.3. Hedgerows

There are no hedgerows within the site. Boundaries are brick wall and fence construction.

#### 3. Photos







Rear garden

T1 Silver Birch

T4 Silver Birch







T3 Silver Birch

Damage to wall

T5 Lime

#### 4. Conclusions

Trees categorised as U should be considered for felling for health/Safety reasons or limited life expectancy and/or potential problems in the future. Category C trees hold limited value and could be removed or retained. Trees categorised as B should be retained where possible and should be considered on their merit for inclusion into the scheme. If removed to facilitate the development they should be replaced with adequate species and size. Category A trees have high value and should have every effort to preserve and conserve for the future. If retained, any proposed schemes should avoid these trees and special protection measures be implemented during any construction phase. Attention should be drawn to the Root Protection Areas depicted in Magenta for all retained trees (See Tree Constraints Plan).

Some RPA's may be compromised by boundary walls/foundations and should be checked with Airspade.

#### 5. Recommendations

Practical pruning works should be carried out as per the schedule above. Permission from neighbouring properties should be sought before works to trees, which lay outside the property boundary.

Any practical work should be carried out by a competent contractor with the relevant insurance and experience. The contractor should carry out all tree works to BS 3998 *Recommendations for Tree Work* (2010) as modified by research that is more recent.

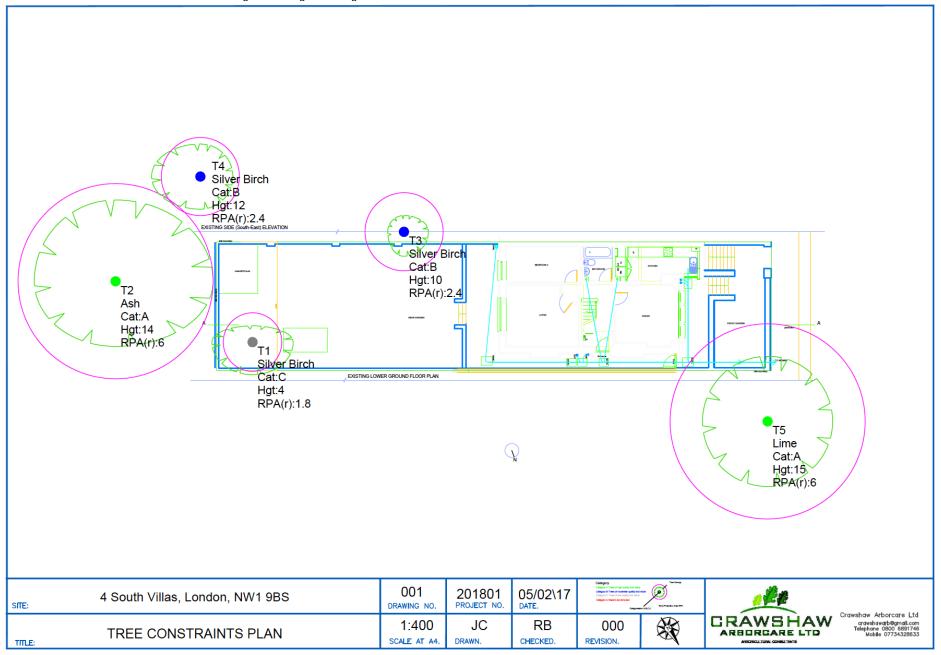
Reference should be made to the Wildlife and Countryside Act (1981), protection of bird and bat species, European Protected Species legislation and local planning policy.

Work within a Conservation Area or proposed works to trees with Tree Preservation Orders should not be undertaken without the express permission of the Local Authority.



# 6. Tree Constraints Plan

#### Plan below not to scale as PDF. Please refer to original drawing for scaling





**Appendix 1. List of Tree Names** 

Appendix 1. List of Ash	
1	Fraxinus excelsior
Aspen	Populus tremula Coduce at least in a
Atlas cedar	<u>Cedrus atlantica</u>
Austrian pine	<u>Pinus nigra</u>
Bay willow	<u>Salix pentandra</u>
Beech	<u>Fagus sylvatica</u>
Bird cherry	<u>Prunus padus</u>
Black cottonwood	<u>Populus trichocarpa</u>
Black poplar	<u>Populus nigra</u>
Black walnut	<u>Juglans nigra</u>
Box	<u>Buxus sempervirens</u>
Caucasian fir	Abies nordmanniana
Cedar of Lebanon	<u>Cedrus libani</u>
Coast redwood	<u>Sequoia sempervirens</u>
Common alder	<u>Alnus glutinosa</u>
Common juniper	Juniperus communis
Common lime	<u>Tilia x vulgaris</u>
Common silver fir	Abies alba
Common walnut	Juglans regia
Corsican pine	<u>Pinus nigra</u>
Crab apple	<u>Malus sylvestris</u>
Crack willow	Salix fragilis
Cricket-bat willow	Salix alba, var caerulea
Deodar cedar	<u>Cedrus deodara</u>
Douglas fir	<u>Pseudotsuga menziesii</u>
Downy birch	<u>Betula pubescens</u>
English elm	<u>Ulmus procera</u>
Eucalypts	<u>Eucalyptus</u> species
European larch	Larix decidua
Fig	Ficus carica
Field maple	Acer campestre
Giant fir	Abies grandis
Grey alder	Alnus glutinosa
Grey poplar	Populus x canescens
Hawthorn	Crataegus monogyna
Hazel	Corylus avellana
Holly	Ilex aquifolium
Holm oak	Quercus ilex
Honey Locust	Gleditsia triacanthos
Hornbeam	Carpinus betulus
Horse chestnut	
Italian alder	Alaus cordata
	Alnus cordata
Japanese larch	Larix kaempferi
Japanese zelkova	Zelkova serrata
Large-leaved lime	<u>Tilia platyphyllos</u>

Lawson cypress		
Lodgepole pine Pinus contorta Lombardy poplar Populus nigra var. italica London plane Pinus pinaster Midland thorn Crataegus laevigata Monkey puzzle Argucaria argucana Monterey cypress Cupressus macrocarpa Monterey pine Pinus radiata Noble fir Abies procera Norway maple Acer platanoides Norway spruce Picea obies Oriental plane Platanus orientalis Ovens Wattle Provissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxadium distichum Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum White beam Sorbus aria White beam Sorbus aria White poplar Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus qlabra Wych elm Ulmus qlabra	Lawson cypress	Chamaecyparis lawsoniana
Lombardy poplar Populus nigra var. italica London plane Platanus x hispanica Maritime pine Pinus pinaster Midland thorn Crataegus laevigata Monkey puzzle Araucaria araucana Monterey cypress Cupressus macrocarpa Monterey pine Pinus radiata Noble fir Abies procera Norway maple Acer platanoides Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofaqus antarctica Swamp cypress Taxodium distichum Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequiadendron giaanteum Western red cedar Thuia plicata White poplar Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus qlabra	Laurel	Laurus
London plane Pianus x hispanica Maritime pine Pinus pinaster Midland thorn Crataegus laevigata Monkey puzzle Araucaria araucana Monterey cypress Cupressus macrocarpa Monterey pine Pinus radiata Noble fir Abies procera Norway maple Acer platanoides Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x rabusta Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuaa heterophylla White poplar Populus alba White beam Sorbus aria White service ree Sorbus torminalis Wych elm Ulmus qlabra	Lodgepole pine	<u>Pinus contorta</u>
Maritime pine Pinus pinaster Midland thorn Crataegus laevigata Monkey puzzle Araucaria araucana Monterey cypress Cupressus macrocarpa Monterey pine Pinus radiata Noble fir Abies procera Norway maple Acer platanoides Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilla cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxadium distichum Swedish whitebeam Sorbus intermedia Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuaa heterophylla White poplar Populus alba White willow Salix alba White service tree Sorbus torminalis Wych elm Ulmus qlabra	Lombardy poplar	<u>Populus nigra</u> var. italica
Midland thorn Crataegus laevigata Monkey puzzle Araucaria araucana Monterey cypress Cupressus macrocarpa Monterey pine Pinus radiata Noble fir Abies procera Norway maple Acer platanoides Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Robusta poplar Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Swedish whitebeam Sorbus intermedia Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuaa heterophylla White poplar Populus alba White willow Salix alba White beam Sorbus aria White opriva Prunus avium Wild cherry (Gean) Prunus avium Wild service tree Wych elm Ulmus glabra	London plane	<u>Platanus x hispanica</u>
Monkey puzzle  Araucaria araucana  Monterey cypress  Cupressus macrocarpa  Monterey pine  Pinus radiata  Noble fir  Abies procera  Norway maple  Acer platanoides  Norway spruce  Picea abies  Oriental plane  Platanus orientalis  Ovens Wattle  Pravissima  Pedunculate oak  Quercus robur  Red alder  Alnus rubra  Red oak  Quercus rubra  Robusta poplar  Populus x robusta  Sallow (Goat willow)  Salix caprea  Scots pine  Pinus sylvestris  Serotina poplar  Populus serotina  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Toxodium distichum  Swedish whitebeam  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Seguoiadendron giganteum  Western hemlock  Tsuaa heterophylla  White poplar  Populus alba  White willow  Salix alba  White service  Surbus oria  Wild cherry (Gean)  Prunus ovium  Wild service tree  Virus patra  Ulmus qlabra	Maritime pine	<u>Pinus pinaster</u>
Monterey cypress  Monterey pine  Pinus radiata  Noble fir  Abies procera  Norway maple  Acer platanoides  Norway spruce  Picea abies  Oriental plane  Pedunculate oak  Quercus robur  Red alder  Robusta poplar  Rowan  Sorbus aucuparia  Sallow (Goat willow)  Salix caprea  Serotina poplar  Pessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Syeamore  Acer pseudoplatanus  Tree of Heaven  Alianthus altissima  Turkey oak  Western hemlock  Tous of the sit alba  White beam  Sorbus aria  Wild service tree  Sorbus aria  Wild service tree  Sorbus and pendula  Sulver birch  Betula pendula  Sitha spruce  Picea sitchensis  Taxodium distichum  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Seguoiadendron giaanteum  Western red cedar  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  Wild service tree  Sorbus torminalis  Wych elm  Ulmus qlabra	Midland thorn	<u>Crataegus laevigata</u>
Monterey pine Pinus radiata Noble fir Abies procera Norway maple Acer platanoides Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Senixa alba White poplar Populus alba White willow Salix alba White willow Salix alba White derry (Gean) Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus qlabra	Monkey puzzle	<u>Araucaria araucana</u>
Noble fir Abies procera  Norway maple Acer platanoides  Norway spruce Picea abies  Oriental plane Platanus orientalis  Ovens Wattle Pravissima  Pedunculate oak Quercus robur  Red alder Alnus rubra  Red oak Quercus rubra  Robusta poplar Populus x robusta  Rowan Sorbus aucuparia  Sallow (Goat willow) Salix caprea  Scots pine Pinus sylvestris  Serotina poplar Populus serotina  Sessile oak Quercus petraea  Silver birch Betula pendula  Sitka spruce Picea sitchensis  Small-leaved lime Tilia cordata  Smooth-leaved elm Ulmus carpinifolia  Snakebark Maple Acer capillipes  Southern beech Nothofagus antarctica  Swamp cypress Taxodium distichum  Swedish whitebeam Sorbus intermedia  Sweet chestnut Castanea sativa  Sycamore Acer pseudoplatanus  Tree of Heaven Ailanthus altissima  Turkey oak Quercus cerris  Wellingtonia Sequoiadendron ajaanteum  Western hemlock Tsuaa heterophylla  White poplar Populus alba  White willow Salix alba  White willow Salix alba  White derry (Gean) Prunus avium  Wild service tree Sorbus torminalis  Wych elm Ulmus glabra	Monterey cypress	<u>Cupressus macrocarpa</u>
Norway maple Acer platanoides Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Toxodium distichum Swedish whitebeam Sorbus intermedia Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuga heterophylla White poplar Populus alba White willow Salix alba White willow Sorbus aria Wild cherry (Gean) Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus glabra	Monterey pine	<u>Pinus radiata</u>
Norway spruce Picea abies Oriental plane Platanus orientalis Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giaanteum Western red cedar Thuia plicata White poplar Populus alba White beam Sorbus aria Wild cherry (Gean) Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus glabra	Noble fir	Abies procera
Oriental plane	Norway maple	Acer platanoides
Ovens Wattle Pravissima Pedunculate oak Quercus robur Red alder Alnus rubra Red oak Quercus rubra Robusta poplar Populus x robusta Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Swedish whitebeam Sorbus intermedia Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron qiqanteum Western hemlock Tsuqa heterophylla White poplar Populus alba White poplar Populus alba White willow Salix alba Wild cherry (Gean) Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus glabra	Norway spruce	<u>Picea abies</u>
Pedunculate oak  Red alder  Red oak  Quercus rubra  Robusta poplar  Rowan  Sorbus aucuparia  Sallow (Goat willow)  Salix caprea  Scots pine  Pinus sylvestris  Serotina poplar  Populus serotina  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofaqus antarctica  Swamp cypress  Taxadium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Wellingtonia  Sequoiadendron qiqanteum  Western hemlock  Tsuaa heterophylla  White poplar  Populus alba  White willow  Salix alba  White beam  Sorbus aria  Wild cherry (Gean)  Prunus quium  Ulmus qlabra  Ulmus qlabra	Oriental plane	<u>Platanus orientalis</u>
Red alder Red oak Quercus rubra Robusta poplar Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Swedish whitebeam Sorbus intermedia Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuqa heterophylla White poplar Populus alba White willow Sorbus aria Wild cherry (Gean) Wilmus qlabra Wilmus qlabra Wych elm Ulmus qlabra	Ovens Wattle	<u>Pravissima</u>
Red oak  Robusta poplar  Robusta poplar  Rowan  Sallow (Goat willow)  Salix caprea  Scots pine  Pinus sylvestris  Serotina poplar  Populus serotina  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  Populus alba  White willow  Salix alba  White dearn  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus qlabra	Pedunculate oak	Quercus robur
Robusta poplar  Rowan  Sorbus aucuparia  Sallow (Goat willow)  Salix caprea  Scots pine  Pinus sylvestris  Serotina poplar  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  Populus alba  White willow  Salix alba  White beam  Sorbus aria  Wild cherry (Gean)  Prunus quum  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Red alder	Alnus rubra
Rowan Sorbus aucuparia Sallow (Goat willow) Salix caprea Scots pine Pinus sylvestris Serotina poplar Populus serotina Sessile oak Quercus petraea Silver birch Betula pendula Sitka spruce Picea sitchensis Small-leaved lime Tilia cordata Smooth-leaved elm Ulmus carpinifolia Snakebark Maple Acer capillipes Southern beech Nothofagus antarctica Swamp cypress Taxodium distichum Swedish whitebeam Sorbus intermedia Sweet chestnut Castanea sativa Sycamore Acer pseudoplatanus Tree of Heaven Ailanthus altissima Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuga heterophylla White poplar Populus alba White willow Salix alba White willow Salix alba White dearn Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus glabra	Red oak	Quercus rubra
Sallow (Goat willow)  Salix caprea  Scots pine  Pinus sylvestris  Serotina poplar  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron ajganteum  Western hemlock  Tsuga heterophylla  White poplar  Populus alba  White willow  Salix alba  White beam  Sorbus aria  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wulmus glabra	Robusta poplar	<u>Populus x robusta</u>
Scots pine  Pinus sylvestris  Serotina poplar  Populus serotina  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  Whitebeam  Sorbus aria  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Rowan	Sorbus aucuparia
Serotina poplar  Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  Populus alba  White willow  Salix alba  White beam  Sorbus aria  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Sallow (Goat willow)	Salix caprea
Sessile oak  Quercus petraea  Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofaqus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  White poplar  Populus alba  White willow  Salix alba  White willow  Sorbus aria  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Scots pine	<u>Pinus sylvestris</u>
Silver birch  Betula pendula  Sitka spruce  Picea sitchensis  Small-leaved lime  Tilia cordata  Smooth-leaved elm  Ulmus carpinifolia  Snakebark Maple  Acer capillipes  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron aiganteum  Western hemlock  Tsuga heterophylla  Western red cedar  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  White willow  Sorbus aria  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Serotina poplar	<u>Populus serotina</u>
Sitka spruce  Picea sitchensis  Small-leaved lime  Smooth-leaved elm  Snakebark Maple  Southern beech  Swamp cypress  Swedish whitebeam  Sweet chestnut  Sycamore  Tee of Heaven  Turkey oak  Wellingtonia  Western hemlock  Western red cedar  White poplar  White willow  Wild cherry (Gean)  Simall-leaved lime  Tilia cordata  Tilia cordata  Sumus carpinifolia  Acer capillipes  Southern beech  Nothofagus antarctica  Santarctica  Sorbus intermedia  Sorbus intermedia  Sorbus intermedia  Sorbus intermedia  Sorbus ativa  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  Populus alba  White willow  Salix alba  White willow  Sorbus aria  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Sessile oak	Quercus petraea
Small-leaved lime  Smooth-leaved elm  Smooth-leaved elm  Snakebark Maple  Southern beech  Southern beech  Swamp cypress  Swedish whitebeam  Sweet chestnut  Sycamore  Tree of Heaven  Turkey oak  Wellingtonia  Western hemlock  Western red cedar  White poplar  White willow  Whitebeam  Sorbus intermedia  Surbus intermedia  Sorbus intermedia  Sorbus intermedia  Sorbus intermedia  Sorbus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  Populus alba  White willow  Salix alba  White beam  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Silver birch	Betula pendula
Smooth-leaved elm  Snakebark Maple  Southern beech  Southern beech  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sweet chestnut  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  White poplar  White willow  Salix alba  Whitebeam  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wulmus glabra	Sitka spruce	<u>Picea sitchensis</u>
Snakebark Maple  Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sorbus intermedia  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  White poplar  White poplar  Populus alba  White willow  Salix alba  Whitebeam  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Small-leaved lime	<u>Tilia cordata</u>
Southern beech  Nothofagus antarctica  Swamp cypress  Taxodium distichum  Swedish whitebeam  Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  Thuia plicata  White poplar  White willow  Salix alba  Whitebeam  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Municalanta  Nothofagus antarctica  Antarctica  Taxodium distichum  Sorbus ariva  Light alian  Sorbus aria  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Smooth-leaved elm	<u>Ulmus carpinifolia</u>
Swamp cypress  Taxodium distichum  Swedish whitebeam  Sweet chestnut  Sycamore  Acer pseudoplatanus  Tree of Heaven  Turkey oak  Wellingtonia  Western hemlock  Western red cedar  White poplar  White willow  White willow  Wild cherry (Gean)  Wild service tree  Sorbus aria  Faxodium distichum  Sorbus intermedia  Castanea sativa  Acer pseudoplatanus  Allanthus altissima  Quercus cerris  Sequoiadendron giganteum  Tsuga heterophylla  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  White beam  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Snakebark Maple	Acer capillipes
Swedish whitebeam  Sweet chestnut  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  White poplar  White willow  Salix alba  Whitebeam  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Sycamore  Acer pseudoplatanus  Allanthus altissima  Quercus cerris  Sequoiadendron giganteum  Thuja plicata  Populus alba  Salix alba  White willow  Salix alba  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Southern beech	Nothofagus antarctica
Sweet chestnut  Castanea sativa  Sycamore  Acer pseudoplatanus  Tree of Heaven  Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  Whitebeam  Sorbus aria  Wild cherry (Gean)  Prunus avium  Wild service tree  Sorbus torminalis  Wych elm  Castanea sativa  Acer pseudoplatanus  Sequoiadendron giganteum  Thuja plicata  Populus alba  White poplar  Sorbus aria  Wild service tree  Ulmus glabra	Swamp cypress	<u>Taxodium distichum</u>
Sycamore  Acer pseudoplatanus  Tree of Heaven Ailanthus altissima  Turkey oak  Quercus cerris  Wellingtonia  Sequoiadendron giganteum  Western hemlock Tsuga heterophylla  Western red cedar Thuja plicata  White poplar Populus alba  White willow Salix alba  Whitebeam Sorbus aria  Wild cherry (Gean) Prunus avium  Wild service tree Sorbus torminalis  Wych elm  Limus glabra	Swedish whitebeam	Sorbus intermedia
Tree of Heaven Ailanthus altissima  Turkey oak Quercus cerris Wellingtonia Sequoiadendron giganteum Western hemlock Tsuga heterophylla Western red cedar Thuja plicata White poplar Populus alba White willow Salix alba Whitebeam Sorbus aria Wild cherry (Gean) Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus glabra	Sweet chestnut	<u>Castanea sativa</u>
Turkey oak  Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  Whitebeam  Sorbus aria  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Quercus cerris  Sequoiadendron giganteum  Salya heterophylla  Thuja plicata  Salya alba  Propulus alba  Sorbus aria  Ulmus glabra	Sycamore	Acer pseudoplatanus
Wellingtonia  Sequoiadendron giganteum  Western hemlock  Tsuga heterophylla  Western red cedar  Thuja plicata  White poplar  Populus alba  White willow  Salix alba  Whitebeam  Sorbus aria  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Sequoiadendron giganteum  Tsuga heterophylla  Salix alba  Populus alba  Sorbus aria  Ulmus qlabra	Tree of Heaven	Ailanthus altissima
Western hemlock  Tsuga heterophylla  Western red cedar  Thuia plicata  White poplar  Populus alba  White willow  Salix alba  Whitebeam  Sorbus aria  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Tsuga heterophylla  Salix alba  Propulus avium  Sorbus torminalis  Ulmus glabra	Turkey oak	Quercus cerris
Western red cedar  White poplar  White willow  Salix alba  Whitebeam  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Thuja plicata  Populus alba  Salix alba  Sorbus aria  Prunus avium  Wild service tree  Ulmus glabra	Wellingtonia	Sequoiadendron giganteum
White poplar  White willow  Salix alba  Whitebeam  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Propulus alba  Salix alba  Sorbus aria  Vild service tree  Sorbus torminalis  Ulmus glabra	Western hemlock	<u>Tsuga heterophylla</u>
White willow  Salix alba  Whitebeam  Sorbus aria  Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	Western red cedar	<u>Thuja plicata</u>
Whitebeam Sorbus aria Wild cherry (Gean) Prunus avium Wild service tree Sorbus torminalis Wych elm Ulmus glabra	White poplar	<u>Populus alba</u>
Wild cherry (Gean)  Wild service tree  Sorbus torminalis  Wych elm  Ulmus glabra	White willow	Salix alba
Wild service tree Sorbus torminalis Wych elm Ulmus glabra	Whitebeam	Sorbus aria
Wych elm <u>Ulmus glabra</u>	Wild cherry (Gean)	<u>Prunus avium</u>
	Wild service tree	Sorbus torminalis
Yew <u>Taxus baccata</u>	Wych elm	<u>Ulmus glabra</u>
· · · · · · · · · · · · · · · · · · ·	Yew	<u>Taxus baccata</u>





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