

Biosecurity (polyphagous shot-hole borer) Control Order 2023

under the

Biosecurity Act 2015

I, SHANE HETHERINGTON, Acting Director Plant Biosecurity and Product Integrity, Chief Plant Protection Officer with the authorisation of the Minister administering the *Biosecurity Act 2015* and under section 62 of that Act make the following Control Order.

Dated: 21 September 2023



SHANE HETHERINGTON
Acting Director Plant Biosecurity and Product Integrity
Chief Plant Protection Officer
Department of Primary Industries
Department of Regional NSW

Part 1 Preliminary

1 Name of Control Order

This Control Order is the *Biosecurity (polyphagous shot-hole borer) Control Order 2023*.

2 Revocation of the Biosecurity (polyphagous shot-hole borer) Control order 2022

The Biosecurity (polyphagous shot-hole borer) Control Order 2022 of 22 December 2022, published in the NSW Gazette number 601 of 23 December 2022, is revoked.

3 Commencement and duration

This Control Order is made on the date that it is signed, and has effect from that date, for a period of 5 years.

Note. Notice of this Control Order will be given by publishing it in the Gazette.

4 Definitions

In this Control Order:

APVMA means the Australian Pesticides and Veterinary Medicines Authority.

area freedom certificate means an interstate biosecurity certificate that certifies the State or Territory, or part of the State or Territory, is free from polyphagous shot-hole borer.

host plant means any plant specified in Schedule 1 to this Control Order with woody stems or branches that are greater than 2 cm in diameter.

plant health certificate means an interstate biosecurity certificate that relates to plant biosecurity issued by an authorised officer under the Act or a corresponding law in a State or Territory.

polyphagous shot-hole borer means all life stages of the pest insect *Euwallacea fornicatus* (Eichhoff).

processed timber means timber from a host plant including construction and fencing materials and furniture that has been:

- (a) seasoned, including dried, or
- (b) treated with a chemical of hazard class H2 or greater as provided in the Australian Standard AS/NZS 1604 series 'Preservative-treated wood-based products' published 16 April 2021.

PSHB carrier means any:

- (a) host plant
- (b) timber, or
- (c) used equipment.

the Act means the *Biosecurity Act 2015*.

timber means wood, with or without bark of any host plant including firewood and woodchips where the chips are greater than 2.5 cm but excludes processed timber.

used equipment means any vehicle, machinery or equipment of any kind, including forestry equipment, that has been used in relation to host plants and timber.

Note. Pursuant to section 11 of the *Interpretation Act 1987* words or expressions used in this Control Order have the same meaning as in the Act.

5 Grounds for order and biosecurity impact

The basis for concluding that it is necessary to make this Control Order is as follows:

- (a) The introduction and spread of polyphagous shot-hole borer (the **biosecurity matter**) has the potential to have an adverse effect on the economy, the environment, and the community of New South Wales (the **biosecurity impact**).
- (b) In September 2021, polyphagous shot-hole borer was detected in Western Australia. Polyphagous shot-hole borer is an exotic beetle from South America that bores into trees and forms a symbiotic relationship with species in the fungal genus *Fusarium* leading to dieback and death of host plants. Polyphagous

shot-hole borer affects native and non-native plants. To date, New South Wales remains free of polyphagous shot-hole borer.

- (c) Control measures are required to prevent the introduction and spread of polyphagous shot-hole borer in New South Wales.

6 Control zone

The control zone in which control measures are required to be implemented under this Control Order is the whole of New South Wales.

7 Persons to whom control measures apply

- (1) The control measures in Part 2 of this Control Order apply to any person who moves, or causes the movement of a PSHB carrier into the control zone.
- (2) The control measures in Part 3 of this Control Order apply to any person within the control zone who deals with polyphagous shot-hole borer.

Part 2 Control measures – Movement of a PSHB carrier into the control zone

8 Control measure – Movement of host plant, timber and used equipment

A person must not move, or cause the movement of, a PSHB carrier into the control zone unless the person complies with the control measures that apply with respect to the movement of that PSHB carrier.

9 Control measure – Movement under an area freedom certificate

- (1) A person may move, or cause the movement of a PSHB carrier into the control zone if:
 - (a) the PSHB carrier was sourced from a State or Territory that is free from polyphagous shot-hole borer as evidenced by an area freedom certificate currently in force, and
 - (b) the consignment that contains the PSHB carrier has a label or identifier stating the name and postcode of the city or town nearest to the place the host plant was grown, the timber was processed, or the used equipment was used.
- Note.** Under clause 112 of the *Biosecurity Regulation 2017* a person who is required to label or identify any matter, must ensure that the label or identifier is a complying label or complying identifier.
- (2) Despite subclause (1), a person may move or cause the movement of a PSHB carrier into the control zone if the person complies with any of clauses 10 to 12 of this Control Order.

10 Control measure – PSHB carrier that is a host plant

- (1) A person may move, or cause the movement of, a PSHB carrier that is a host plant into the control zone if the person complies with the requirements of this clause.
- (2) The consignment of which the host plant is a part has been:
 - (a) inspected at the greater of these quantities and found to be free of polyphagous shot-hole borer:
 - (i) 2 percent of any consignment of host plants, or
 - (ii) 600 items of host plants, and
 - (b) consigned within 7 days of inspection, or
 - (c) if not consigned within 7 days of the inspection referred to in subclause (2)(a), treated by spraying with bifenthrin in accordance with APVMA label directions or permit conditions and consigned while bifenthrin treatment remains effective in accordance with APVMA label directions.
- (3) The consignment containing the host plant must be accompanied by a plant health certificate certifying that the applicable control measures in subclauses (2)(a) and (b) or (2)(c) have been satisfied.

11 Control measure – PSHB carrier that is timber

- (1) A person may move, or cause the movement of, a PSHB carrier that is timber into the control zone if the person complies with the requirements of any of the following subclauses.
- (2) The consignment of which the timber is a part has been:
 - (a) inspected at the greater of these quantities and found to be free of polyphagous shot-hole borer:
 - (i) 2 percent of any consignment of timber, or
 - (ii) 600 pieces of timber,
 - (b) consigned within 7 days of inspection, and
 - (c) accompanied by a plant health certificate certifying that the control measures in this subclause have been satisfied.
- (3) The consignment of which the timber is a part has been:
 - (a) treated by fumigation with methyl bromide for a minimum of 24 hours at any of the following starting rates:
 - (i) 10°C – 15.9 °C at 64 g/m³,
 - (ii) 16°C – 20.9 °C at 56 g/m³, or
 - (iii) 21°C – 31.9 °C or above at 48 g/m³,
 - (b) monitored at regular intervals so that the minimum concentration of methyl bromide during the fumigation period is as specified in the following table,

Starting temperature and dosage		Minimum concentration (g/m ³) at:			
Temperature	Dosage (g/m ³)	2 h	4 h	12 h	24 h

10°C – 15.9°C	64	48	42	36	32
16°C – 20.9°C	56	42	36	32	28
21°C or above	48	36	31	28	24

- (c) consigned within 7 days of treatment, and
 - (d) accompanied by a plant health certificate certifying that the control measures in this subclause have been satisfied.
- (4) The consignment of which the timber is a part has been:
- (a) heat treated where the temperature of the core of the timber at its greatest thickness is measured at a minimum of 56°C for at least 30 minutes,
 - (b) consigned within 7 days of treatment, and
 - (c) accompanied by a plant health certificate certifying that the control measures in this subclause have been satisfied.

12 Control measure – PSHB carrier that is used equipment

- (1) A person may move, or cause the movement of, a PSHB carrier that is used equipment into the control zone if:
 - (a) The used equipment has been thoroughly cleaned so that it is free from all timber, host plant material and polyphagous shot-hole borer by:
 - (i) brushing,
 - (ii) high pressure water, or
 - (iii) steam, and
 - (b) the used equipment has been inspected and has been found to be free of timber, host plant material and polyphagous shot-hole borer.
- (2) The consignment of which the used equipment is part must be accompanied by a plant health certificate certifying that the control measures in subclauses (1)(a) and (b) have been satisfied.

Part 3 Control measures – dealing with polyphagous shot-hole borer within the control zone

13 Control measure – Dealing with polyphagous shot-hole borer

A person must not deal with polyphagous shot-hole borer if, as a result of the dealing, polyphagous shot-hole borer enters or is likely to enter the control zone.

14 Control measure – Notification of presence of polyphagous shot-hole borer

- (1) A person who becomes aware of, or suspects the presence of polyphagous shot-hole borer within the control zone must immediately notify the Department of Primary Industries of the presence of polyphagous shot-hole borer.
- (2) A person who is required to notify the Department under subclause (1) must provide the following information:
 - (a) the person's full name and contact phone number,
 - (b) details of the presence or suspected presence of polyphagous shot-hole borer,
 - (c) the location of the polyphagous shot-hole borer or suspected polyphagous shot-hole borer including, if the polyphagous shot-hole borer is on a property with a property identification code, the property identification code (if this is known), and
 - (d) any other information reasonably requested by the Department.
- (3) Notification is to be made to the Department of Primary Industries as follows:
 - (a) verbally notifying an authorised officer,
 - (b) calling the Exotic Pest Plant Hotline on 1800 084 881,
 - (c) completing the 'Report a biosecurity concern' online form <https://forms.bfs.dpi.nsw.gov.au/forms/9247>, or
 - (d) in any other approved manner.

Schedule 1: Definition of host plant under this Control Order

For the purpose of clause 3 of this Control Order, a host plant is:

Scientific name	Common name (where applicable)
<i>Acacia</i> spp.	
<i>Acalypha wilkesiana</i>	copperleaf
<i>Acer buergerianum</i>	trident maple
<i>Acer campestre</i>	common or field maple
<i>Acer caudatifolium</i>	
<i>Acer davidii</i>	Father David's maple
<i>Acer macrophyllum</i>	
<i>Acer negundo</i>	box elder
<i>Acer obtusifolium</i>	Syrian maple
<i>Acer palmatum</i>	Japanese maple
<i>Acer paxii</i>	
<i>Acer pectinatum</i> subsp. <i>laxiflorum</i>	snake bark maple
<i>Acer pictum</i> subsp. <i>mono</i>	
<i>Acer pseudoplatanus</i>	Sycamore maple
<i>Acer saccharinum</i>	silver maple
<i>Acer</i> x <i>freemanii</i>	
<i>Adansonia digitata</i>	baobab
<i>Afrocarpus falcatus</i>	Outeniqua Yellowwood
<i>Afrocarpus gracilior</i>	
<i>Azelia quanzensis</i>	pod mahogany
<i>Aglaia odorata</i>	Chinese perfume plant
<i>Ailanthus altissima</i>	tree of heaven
<i>Alangium chinense</i>	
<i>Albizia adianthifolia</i>	
<i>Albizia gummifera</i>	
<i>Albizia julibrissin</i>	Persian silk tree
<i>Albizia kalkora</i>	
<i>Albizia lebeck</i>	Indian siris
<i>Alectryon excelsus</i>	tītoki
<i>Aleurites moluccanus</i>	candle nut
<i>Alnus cordata</i>	Italian alder
<i>Alnus glutinosa</i>	black alder

Scientific name	Common name (where applicable)
<i>Alnus incana</i>	grey alder
<i>Alnus rhombifolia</i>	white alder
<i>Aloysia virgata</i>	sweet almond bush
<i>Anisodonteia scabrosa</i>	sandrose mallow
<i>Aralia</i> spp.	
<i>Arbutus unedo</i>	Irish strawberry tree
<i>Archontophoenix alexandrae</i>	Alexandra palm
<i>Bambusa</i> spp.	
<i>Banksia saxicola</i>	Grampians Banksia
<i>Bauhinia galpinii</i>	red orchid bauhinia
<i>Bauhinia petersiana</i>	Kalahari bauhinia
<i>Bauhinia purpurea</i>	purple orchid tree
<i>Bauhinia purpurea</i> x <i>variegata</i>	
<i>Bauhinia variegata</i>	
<i>Beilschmiedia miersii</i>	
<i>Betula pendula</i>	silver birch
<i>Bischofia javanica</i>	
<i>Bocconia arborea</i>	
<i>Bombax ceiba</i>	red silk cotton tree
<i>Bougainvillea</i> spp.	
<i>Brachychiton acerifolius</i>	Illawarra flame tree
<i>Brachychiton australis</i>	broad-leaved bottle tree
<i>Brachychiton bidwillii</i>	little Kurrajong or dwaf Kurrajong
<i>Brachychiton discolor</i>	lacebark or white Kurrajong
<i>Brachychiton diversifolius</i>	northern Kurrajong
<i>Brachychiton populneus</i>	Kurrajong
<i>Brachychiton rupestris</i>	Queensland bottle tree
<i>Brachylaena discolor</i>	coastal silver oak
<i>Brahea armata</i>	blue hesper palm
<i>Broussonetia papyrifera</i>	paper mulberry
<i>Buddleja saligna</i>	butterfly bush
<i>Bunchosia armeniaca</i>	peanut butter fruit tree
<i>Bursera hindsiana</i>	
<i>Butia capitata</i>	wine palm or jelly palm
<i>Calliandra surinamensis</i>	powder puff flower
<i>Callistemon salignus</i>	bottlebrush

Scientific name	Common name (where applicable)
<i>Callistemon viminalis</i>	weeping bottlebrush
<i>Calodendrum capense</i>	Cape chestnut
<i>Calpurnia aurea</i>	
<i>Camellia chrysanthoides</i>	
<i>Camellia grijsii</i>	
<i>Camellia hiemalis</i>	
<i>Camellia indochinensis</i>	
<i>Camellia japonica</i>	
<i>Camellia japonica</i> x <i>reticulata</i>	
<i>Camellia oleifera</i>	
<i>Camellia reticulata</i>	
<i>Camellia rosiflora</i>	
<i>Camellia saluenensis</i>	
<i>Camellia semiserrata</i>	
<i>Camellia</i> x <i>williamsii</i>	
<i>Camptotheca acuminata</i>	happy tree
<i>Cananga odorata</i>	
<i>Carya illinoensis</i>	pecan nut tree
<i>Cassia brewsteri</i>	Leichhardt bean
<i>Cassia fistula</i>	Indian laburnum
<i>Cassia leptophylla</i>	golden medallion tree
<i>Castanospermum australe</i>	black bean tree or Moreton Bay chestnut
<i>Casuarina cunninghamiana</i>	river sheoak
<i>Casuarina equisetifolia</i>	coastal sheoak
<i>Catalpa speciosa</i>	Indian bean tree
<i>Ceanothus caeruleus</i>	Ceanothus shrub
<i>Cedrela</i> spp.	
<i>Cedrus atlantica</i>	Mt Atlas cedar
<i>Ceiba pentandra</i>	Kapok tree
<i>Ceiba speciosa</i>	silk floss tree
<i>Celtis africana</i>	white stink wood
<i>Celtis australis</i>	European nettle tree
<i>Celtis bungeana</i>	European hackberry nettle tree
<i>Celtis laevigata</i>	sugar hackberry
<i>Cercis chinensis</i>	Chinese redbud
<i>Cercis siliquastrum</i>	Judas tree

Scientific name	Common name (where applicable)
<i>Cestrum diurnum</i> x <i>nocturnum</i>	
<i>Chamaedorea elegans</i>	parlour palm
<i>Chionanthus retusus</i>	Chinese fringe tree
<i>Chiranthodendron pentadactylon</i>	Mexican hand plant
<i>Cinnamomum camphora</i>	camphor laurel
<i>Cinnamomum cassia</i>	Dutch cinnamon
<i>Cinnamomum glanduliferum</i>	
<i>Cinnamomum tenuifolium</i>	Japanese cinnamon
<i>Citharexylum montevidense</i>	
<i>Citrus sinensis</i>	Washington navel orange
<i>Citrus</i> x <i>latifolia</i>	Tahitian lime
<i>Citrus</i> x <i>limon</i>	bush lemon
<i>Citrus</i> x <i>meyeri</i>	
<i>Cladrastis delavayi</i>	
<i>Cleyera japonica</i>	Sakaki
<i>Cocculus laurifolius</i>	laurel-leaved snail-tree
<i>Cocculus orbiculatus</i>	queen coralbead
<i>Colletia paradoxa</i>	the anchor plant
<i>Combretum erythrophyllum</i>	river bushwillow
<i>Combretum krausii</i>	forest bushwillow
<i>Commiphora harveyi</i>	
<i>Coprosma repens</i>	mirror bush
<i>Cordia caffra</i>	Septee tree
<i>Cordia myxa</i>	glue berry
<i>Cornus controversa</i>	wedding cake tree
<i>Cornus drummondii</i>	roughleaf dogwood
<i>Cornus florida</i>	flowering dogwood
<i>Corylus colurna</i>	Turkish hazel
<i>Corymbia ficifolia</i>	red flowering gum
<i>Crataegus pubescens</i>	Mexican hawthorn
<i>Crinodendron patagua</i>	
<i>Cunonia capensis</i>	red alder
<i>Cupaniopsis anacardioides</i>	Tuckeroo
<i>Cussonia spicata</i>	mountain cabbage tree
<i>Dahlstedtia pinnata</i>	
<i>Dalbergia sissoo</i>	Indian rosewood

Scientific name	Common name (where applicable)
<i>Davidia involucrata</i>	handkerchief tree
<i>Delonix regia</i>	poinciana or flame tree
<i>Desmodium elegans</i>	
<i>Diospyros</i> spp.	
<i>Dombeya cacuminum</i>	winter's joy
<i>Dombeya tiliaceae</i>	Cape wedding flower
<i>Dovyalis caffra</i>	wild apricot
<i>Dracaena</i> spp.	
<i>Duranta erecta</i>	pigeonberry or skyberry
<i>Ebenopsis ebano</i>	
<i>Ehretia latifolia</i>	
<i>Ekebergia capensis</i>	Cape ash
<i>Elaeocarpus decipiens</i>	
<i>Enterolobium contortisiliquum</i>	
<i>Erythrina americana</i>	
<i>Erythrina caffra</i>	common coral tree
<i>Erythrina chiriquensis</i>	
<i>Erythrina corallodendron</i>	
<i>Erythrina crista-galli</i>	cockspur coral tree
<i>Erythrina falcata</i>	
<i>Erythrina flabelliformis</i>	
<i>Erythrina folkersii</i>	
<i>Erythrina humeana</i>	dwarf coral tree
<i>Erythrina indica</i>	Indian coral tree
<i>Erythrina livingstoniana</i>	
<i>Erythrina lysistemon</i>	
<i>Erythrina macrophylla</i>	
<i>Erythrina</i> x <i>bidwillii</i>	
<i>Erythrina</i> x <i>sykesii</i>	
<i>Erythrostemon mexicanus</i>	
<i>Eucalyptus camaldulensis</i>	red river gum
<i>Eucalyptus cinerea</i>	Argyle apple
<i>Eucalyptus decipiens</i>	redheart
<i>Eucalyptus froggattii</i>	
<i>Eucalyptus kitsoniana</i>	bog gum
<i>Eucalyptus perriniana</i>	spinning gum

Scientific name	Common name (where applicable)
<i>Eucalyptus polyanthemos</i>	red box
<i>Eucalyptus rudis</i>	flooded gum
<i>Eucalyptus torquata</i>	coral gum or Coolgardie gum
<i>Fagus crenata</i>	
<i>Fagus sylvatica</i>	common beech
<i>Faidherbia albida</i>	ana tree
<i>Fatsia japonica</i>	aralia
<i>Ficus</i> spp.	
<i>Firmiana simplex</i>	Chinese parasol tree
<i>Frangula californica</i> subsp. <i>californica</i>	
<i>Fraxinus</i> spp.	ash
<i>Geijera parviflora</i>	wilga
<i>Gleditsia japonica</i>	
<i>Gleditsia triacanthos</i>	honey locust
<i>Grewia occidentalis</i>	crossberry
<i>Gymnosporia buxifolia</i>	
<i>Hakea salicifolia</i>	willow-leaved hakea
<i>Halleria lucida</i>	
<i>Handroanthus impetiginosus</i>	
<i>Harpephyllum caffrum</i>	kaffir plum or wild plum
<i>Harpullia arborea</i>	Cooktown tulipwood
<i>Harpullia pendula</i>	tulipwood
<i>Hauya elegans</i> subsp. <i>cornuta</i>	
<i>Hauya microcerata</i>	
<i>Heliocarpus donnellsmithii</i>	
<i>Heteropterys purpurea</i>	
<i>Hibiscus</i> spp.	
<i>Hovenia dulcis</i>	Japanese raisin tree
<i>Howea forsteriana</i>	Kentia palm
<i>Hymenosporum flavum</i>	native frangipani
<i>Ilex aquifolium</i>	common holly
<i>Ilex cornuta</i>	Chinese holly or horned holly
<i>Ilex latifolia</i>	
<i>Ilex mitis</i>	Cape holly
<i>Indigofera jucunda</i>	Austral indigo
<i>Inga</i> spp.	

Scientific name	Common name (where applicable)
<i>Jacaranda cuspidifolia</i>	
<i>Jacaranda mimosifolia</i>	blue jacaranda
<i>Jatropha cinerea</i>	ashy limberbush
<i>Jatropha mcvaughii</i>	
<i>Juglans californica</i>	southern California walnut
<i>Juglans mandshurica</i>	Manchurian walnut
<i>Juglans nigra</i>	black walnut
<i>Juglans regia</i>	English walnut
<i>Juniperus chinensis</i>	Chinese juniper
<i>Juniperus virginiana</i>	Eastern red cedar
<i>Keteleeria evelyniana</i>	
<i>Kigelia africana</i>	sausage tree
<i>Kiggelaria africana</i>	wild peach
<i>Koelreuteria bipinnata</i>	Chinese flame tree
<i>Koelreuteria elegans</i>	golden rain tree
<i>Koelreuteria paniculata</i>	golden rain tree
<i>Lantana camara</i>	red sage
<i>Leonotis leonurus</i>	lion's ear
<i>Leucaena leucocephala</i>	tree lucerne
<i>Ligustrum lucidum</i>	large leaved privet
<i>Ligustrum ovalifolium</i>	Japanese privet
<i>Liquidambar formosana</i>	Formosan sweetgum
<i>Liquidambar styraciflua</i>	American sweetgum
<i>Liriodendron tulipifera</i>	Tulip tree
<i>Litchi chinensis</i>	lychee
<i>Livistona chinensis</i>	Chinese fan palm
<i>Lonchocarpus nitidus</i>	
<i>Loxostylis alata</i>	tar wood
<i>Luehea divaricata</i>	
<i>Lysiphyllum carronii</i>	Northern bean tree
<i>Macadamia</i> spp.	
<i>Machilus thunbergii</i>	Japanese bay tree
<i>Maesa lanceolata</i>	false assegai
<i>Magnolia brooklynensis</i> x 'Sundance'	
<i>Magnolia campbellii</i>	Cambell's magnolia
<i>Magnolia compressa</i>	

Scientific name	Common name (where applicable)
<i>Magnolia cylindrica</i>	
<i>Magnolia delavayi</i>	Chinese evergreen magnolia
<i>Magnolia demudata</i>	Yulan Magnolia
<i>Magnolia demudata</i> x <i>veitchii</i>	
<i>Magnolia doltsopa</i>	
<i>Magnolia fordiana</i>	
<i>Magnolia foveolata</i>	
<i>Magnolia grandiflora</i>	Southern magnolia
<i>Magnolia grandis</i>	
<i>Magnolia guatemalensis</i>	Guatemalan magnolia
<i>Magnolia hodgsonii</i>	Hodgson magnolia
<i>Magnolia kobus</i> x <i>stellata</i>	
<i>Magnolia liliiflora</i>	lily magnolia
<i>Magnolia liliiflora</i> x <i>sprengeri</i>	
<i>Magnolia liliiflora</i> x <i>veitchii</i>	
<i>Magnolia pacifica</i>	
<i>Magnolia sargentiana</i>	
<i>Magnolia sharpii</i>	
<i>Magnolia sprengeri</i> 'Diva'	Sprenger's magnolia
<i>Magnolia tamaulipana</i>	
<i>Magnolia virginiana</i>	sweet bay magnolia
<i>Magnolia</i> x <i>denudata</i>	
<i>Magnolia</i> x <i>loebneri</i>	
<i>Magnolia</i> x <i>soulangeana</i>	
<i>Magnolia</i> x <i>veitchii</i>	
<i>Magnolia yunnanensis</i>	The Princess magnolia
<i>Mallotus apelta</i>	
<i>Malus</i> spp.	
<i>Malva assurgentiflora</i> subsp. <i>assurgentiflora</i>	
<i>Mangifera indica</i>	mango
<i>Manihot esculenta</i>	cassava
<i>Melaleuca raphiophylla</i>	swamp paperbark
<i>Melia azedarach</i>	white cedar
<i>Melianthus major</i>	Cape honeyflower
<i>Metasequoia glyptostroboides</i>	dawn redwood
<i>Mezoneuron kauaiense</i>	

Scientific name	Common name (where applicable)
<i>Moringa</i> spp.	
<i>Morus</i> spp.	
<i>Neolitsea sericea</i>	
<i>Neomirandea</i> spp.	
<i>Nuxia floribunda</i>	
<i>Olea europaea</i>	common olive
<i>Olinia ventosa</i>	hard pear
<i>Olneya tesota</i>	desert ironwood
<i>Oncoba spinosa</i>	
<i>Oreocnide pedunculata</i>	
<i>Osmanthus fragrans</i>	fragrant tea olive
<i>Osteospermum moniliferum</i>	
<i>Pararchidendron pruinosum</i>	snow wood
<i>Parasenegalia visco</i>	
<i>Parkinsonia aculeata</i>	Parkinsonia
<i>Parkinsonia florida</i>	pale blue verde
<i>Parkinsonia x sonorae</i>	
<i>Peltophorum africanum</i>	weeping wattle
<i>Persea</i> spp.	
<i>Peumus boldus</i>	boldo
<i>Phellodendron amurense</i>	Amur cork tree
<i>Phoebe cavaleriei</i>	
<i>Photinia x fraseri</i>	
<i>Pinus densiflora</i>	Japanese red pine
<i>Pinus douglasiana</i>	Douglas pine
<i>Pipturus argenteus</i>	Native mulberry
<i>Pistacia atlantica</i>	Mt Atlas mastic tree
<i>Pistacia chinensis</i>	Chinese pistachio
<i>Pistacia terebinthus</i>	
<i>Pithecellobium</i> spp.	
<i>Pittosporum undulatum</i>	sweet pittosporum
<i>Platanus</i> spp.	Incl. London plane and Mexican sycamore.
<i>Platanus x acerifolia</i>	
<i>Plumeria rubra</i>	frangipani
<i>Podalyria calyptrata</i>	water blossom pea
<i>Podocarpus henkelii</i>	Henkel's yellowwood

Scientific name	Common name (where applicable)
<i>Polyalthia longifolia</i>	Indian mast tree
<i>Populus</i> spp.	Incl. poplars, cottonwoods and aspens
<i>Populus x canadensis</i>	Canadian poplar
<i>Populus x canescens</i>	grey poplar
<i>Prosopis articulata</i>	
<i>Prosopis glandulosa</i>	honey mesquite
<i>Protea mundii</i>	forest sugarbush
<i>Prunus africana</i>	African cherry
<i>Prunus avium</i>	sweet cherry
<i>Prunus caroliniana</i>	Carolina cherry laurel
<i>Prunus cerasifera</i>	cherry plum
<i>Prunus cerasoides</i>	sour cherry
<i>Prunus domestica</i>	common European plum
<i>Prunus ilicifolia</i> subsp. <i>lyonii</i>	Catalina cherry
<i>Prunus mexicana</i>	Mexican plum
<i>Prunus mume</i>	pink flowering apricot
<i>Prunus nigra</i>	Canadian plum
<i>Prunus persica</i>	flowering peach
<i>Prunus serrulata</i>	flowering pink cherry
<i>Pseudobombax ellipticum</i>	shaving brush tree
<i>Pseudocydonia sinensis</i>	Chinese quince tree
<i>Psidium guajava</i>	guava
<i>Psoralea aphylla</i>	leafless fountain bush
<i>Psoralea pinata</i>	blue butterfly bush
<i>Pterocarya stenoptera</i>	Chinese wingnut
<i>Pyrus calleryana</i>	flowering ornamental pear
<i>Pyrus communis</i>	common pear
<i>Pyrus kawakamii</i>	evergreen pear
<i>Quararibea funebris</i>	
<i>Quercus acutissima</i>	sawtooth oak
<i>Quercus agrifolia</i>	California live oak
<i>Quercus alba</i>	American white oak
<i>Quercus brantii</i>	Persian oak
<i>Quercus castaneifolia</i>	chestnut-leaved oak
<i>Quercus cf. oblongata</i>	
<i>Quercus chihuahuensis</i>	Chihuahua oak

Scientific name	Common name (where applicable)
<i>Quercus chrysolepis</i>	canyon oak
<i>Quercus coccifera</i>	Gallipoli oak
<i>Quercus dentata</i> subsp. <i>yunnanensis</i>	
<i>Quercus engelmannii</i>	Mesa oak
<i>Quercus frainetto</i>	Hungarian oak
<i>Quercus hartwissiana</i>	
<i>Quercus ilex</i>	holm oak or holly oak
<i>Quercus infectoria</i>	Aleppo oak
<i>Quercus ithaburensis</i>	
<i>Quercus lobata</i>	valley oak
<i>Quercus look</i>	
<i>Quercus macrocarpa</i>	burr oak
<i>Quercus mexicana</i>	Mexican oak
<i>Quercus myrsinifolia</i>	bamboo leaf oak or Chinese evergreen oak
<i>Quercus palustris</i>	pin oak
<i>Quercus pontica</i>	Armenian oak or pontine oak
<i>Quercus robur</i>	English oak
<i>Quercus rubra</i>	red oak
<i>Quercus rugosa</i>	Mexican evergreen oak or netleaf oak
<i>Quercus suber</i>	cork oak
<i>Quercus virginiana</i>	Southern live oak
<i>Quercus</i> x <i>rosacea</i>	
<i>Quercus</i> x <i>turneri</i> 'Pseudo-turneri'	false Turner's oak
<i>Rapanea melanophloeos</i>	cape beech
<i>Rhamnus alaternus</i>	Italian buckthorn
<i>Rhaphiolepis loquata</i>	
<i>Ricinocarpos pinifolius</i>	wedding bush
<i>Ricinocarpos tuberculatus</i> x <i>cyanescens</i>	wedding bush
<i>Ricinus communis</i>	castor oil plant
<i>Robinia pseudoacacia</i>	black locust
<i>Robinsonella discolor</i>	
<i>Rosa</i> 'Crepuscule'	Crepuscule rose
<i>Roystonea regia</i>	royal palm
<i>Salix</i> spp.	willow
<i>Sapindus saponaria</i>	wingless soapberry
<i>Sapindus saponaria</i> subsp. <i>drummondii</i>	Western soap berry

Scientific name	Common name (where applicable)
<i>Schefflera actinophylla</i>	Australian umbrella tree
<i>Schinus molle</i>	pepper tree
<i>Schinus polygama</i>	Chilean pepper tree
<i>Schinus terebinthifolia</i>	Brazilian pepper tree
<i>Schotia brachypetala</i>	weeping Boer-bean
<i>Searsia chirindensis</i>	red currant tree
<i>Searsia lansea</i>	willow rhus
<i>Senegalia burkei</i>	black monkey-thorn
<i>Senegalia galpinii</i>	
<i>Senna candolleana</i>	winter cassia
<i>Senna japonica</i>	
<i>Senna racemosa</i>	
<i>Senna spectabilis</i>	
<i>Senna x floribunda</i>	
<i>Sindora glabra</i>	
<i>Sinomalus sieboldii</i>	
<i>Solanum mauritianum</i>	wild tobacco bush
<i>Sparrmannia africana</i>	Cape Stock rose
<i>Spathodea campanulata</i>	African tulip tree
<i>Sterculia murex</i>	lowveld star chestnut
<i>Strelitzia nicolai</i>	bird of paradise tree, wild banana
<i>Styphnolobium japonicum</i>	Pagoda tree
<i>Swietenia chickrassa</i>	
<i>Syzygium cordatum</i>	
<i>Syzygium cumini</i>	Java plum
<i>Syzygium smithii</i>	lilly pilly
<i>Talipariti tiliaceum</i>	cottonwood or beach hibiscus
<i>Tamarindus indica</i>	tamarind
<i>Tara cacalaco</i>	
<i>Taxodium distichum</i>	swamp cypress
<i>Tecoma stans</i>	trumpet bush
<i>Templetonia retusa</i>	Cocky's tongue
<i>Terminalia mantaly</i>	Madagascar almond
<i>Tetrapanax papyrifer</i>	Chinese rice paper plant
<i>Thevetia thevetioides</i>	
<i>Tilia caroliniana</i>	Carolina basswood

Scientific name	Common name (where applicable)
<i>Tipuana tipu</i>	rosewood
<i>Trema orientalis</i>	tree peach
<i>Triadica sebifera</i>	Chinese tallow tree
<i>Trichilia emetica</i>	Natal mahogany
<i>Ulmus</i> spp.	Elm
<i>Umbellularia californica</i>	California bay
<i>Ungnadia speciosa</i>	Mexican buckeye
<i>Vachellia aff. etbaica</i>	
<i>Vachellia campeachiana</i>	
<i>Vachellia caven</i>	
<i>Vachellia farnesiana</i> var. <i>farnesiana</i>	mimosa bush
<i>Vachellia karroo</i>	karoo acacia
<i>Vachellia sieberiana</i>	
<i>Vepris lanceolata</i>	white ironwood
<i>Verbesina gigantea</i>	crownbeard
<i>Vernicia fordii</i>	tung oil tree
<i>Viburnum odoratissimum</i>	sweet viburnum
<i>Virgilia divaricata</i>	
<i>Virgilia oroboides</i> subsp. <i>ferruginea</i>	Cape lilac
<i>Vitis vinifera</i>	grape
<i>Washingtonia filifera</i>	cotton palm
<i>Wigandia urens</i>	
<i>Wisteria</i> spp.	
<i>Xylosma racemosum</i>	
<i>Zelkova carpinifolia</i>	
<i>Zelkova serrata</i>	Caucasian elm
<i>Zenia insignis</i>	
<i>Ziziphus jujuba</i>	Chinee apple
<i>Ziziphus spina-christi</i>	Christ's thorn jujube

