

Polyphagous Shot Hole Borer host list

Species are only added to this list if the identity of the beetle and/or the fungus was confirmed by DNA sequencing

REPRODUCTIVE HOSTS

Hosts in which both the beetles and the fungus establish, and where the beetle successfully reproduces. In many cases the reproductive hosts will eventually be killed by the fungus.

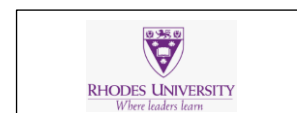
Alien Species (and Listed Invasive Species)			Indigenous Species	
Scientific name	Common name	Category	Scientific name	Common name
<i>Acacia longifolia</i>	long-leaved wattle	1b	<i>Azelia quanzensis</i>	pod mahogany
<i>Acacia mearmsii</i>	black wattle	2	<i>Anisodonteia scabrosa</i>	rough-leaf African mallow
<i>Acacia melanoxylon</i>	blackwood	2	<i>Bauhinia galpinii</i>	pride of de Kaap
<i>Acer buergerianum</i>	trident (Chinese) maple	3/-	<i>Brachylaena discolor</i>	coast silver oak
<i>Acer negundo</i>	boxelder	3	<i>Calpurnia aurea</i>	wild laburnum
<i>Acer palmatum</i>	Japanese maple	-	<i>Combretum erythrophyllum</i>	river bushwillow
<i>Acer saccharinum</i>	silver maple	-	<i>Combretum krausii</i>	forest bushwillow
<i>Brachychiton discolor</i>	pink flame tree	-	<i>Diospyros glabra</i>	Cape star-apple
<i>Casuarina cunninghamiana</i>	beefwood	1b/2	<i>Erythrina caffra</i>	coast coral tree
<i>Gleditsia triacanthos</i>	honey locust	1b	<i>Kiggelaria africana</i>	wild peach
<i>Liquidambar styraciflua</i>	liquid amber (American sweetgum)	-	<i>Podalyria calyptata</i>	water blossom pea
<i>Magnolia grandiflora</i>	southern magnolia	-	<i>Psoralea aphylla</i>	leafless fountain bush
<i>Pearsea americana</i>	avocado	-	<i>Psoralea pinata</i>	fountain bush
<i>Photinia x fraseri</i>	Christmas berry	-	<i>Salix mucronata</i>	Cape willow
<i>Platanus x acerifolia</i>	London plane	-	<i>Sparmannia africana</i>	African hemp
<i>Populus alba</i>	white poplar	2	<i>Trema orientalis</i>	pigeon wood
<i>Populus x canescens</i>	grey poplar	2	<i>Trichilia emetica</i>	Natal mahogany
<i>Populus nigra</i>	Lombardy poplar	-	<i>Vepris lanceolata</i>	white ironwood
<i>Populus simonii</i>	Chinese cottonwood	-	<i>Virgilia oroboides</i> subsp. <i>ferruginea</i>	keurboom
<i>Prunus nigra</i>	black plum	-		
<i>Quercus palustris</i>	pin oak	-		
<i>Quercus robur</i>	English oak	-		
<i>Quercus suber</i>	cork oak	-		
<i>Ricinus communis</i>	castor bean	2		
<i>Salix alba</i>	white willow	-		
<i>Ulmus parvifolia</i>	Chinese elm	-		
<i>Viburnum odoratissimum</i>	sweet viburnum	-		
<i>Wisteria sinensis</i>	Chinese wisteria	-		

The category refers to the listed invasive species in the NEM:BA Alien and Invasive Species Regulation. Some species have different listings in different circumstances or Provinces.

19 Indigenous reproductive hosts
18 Alien reproductive hosts
10 Invasive reproductive hosts
47 **Reproductive hosts**

42 Indigenous non-reproductive hosts
30 Alien non-reproductive hosts
11 Invasive non-reproductive hosts
83 **Non-reproductive hosts**

130 **Reproductive and Non-reproductive hosts**



Note that there is no proven or registered chemical control for the polyphagous shot hole borer.

Several other plant species are being monitored for their status as Reproductive or Non-reproductive hosts. This list was updated by FABI on 6 July 2021.

The polyphagous shot-hole borer (*Euwallacea fornicatus*) and its fungal symbiont (*Fusarium euwallaceae*) will be listed as a Category 1b invasive species.

For updated information: www.fabinet.up.ac.za/pshb - For enquiries contact: pshb@fabi.up.ac.za.

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NON-REPRODUCTIVE HOSTS

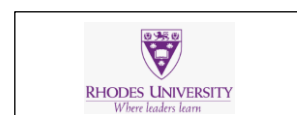
Hosts that are attacked but the beetles do not establish breeding galleries. The fungus may, or may not cause disease. Non-reproductive hosts are generally not expected to die.

Alien Species (and Listed Invasive Species)			Indigenous Species	
Scientific name	Common name	Category	Scientific name	Common name
<i>Bauhinia purpurea</i>	butterfly orchid tree	1b/3	<i>Adansonia digitata</i>	baobab
<i>Betula pendula</i>	silver birch	-	<i>Afrocarpus falcatus</i>	Outeniqua yellowwood
<i>Bougainvillea</i> sp.	bougainvillea	-	<i>Albizia adianthifolia</i>	flat crown
<i>Camellia japonica</i>	common camellia	-	<i>Buddleja saligna</i>	false olive
<i>Carya illinoensis</i>	pecan nut	-	<i>Calodendrum capense</i>	Cape chestnut
<i>Ceiba pentandra</i>	kapok	-	<i>Celtis africana</i>	white stinkwood
<i>Cinnamomum camphora</i>	camphor	1b/3	<i>Commiphora harveyi</i>	copper stem corkwood
<i>Citrus limon</i>	lemon	-	<i>Cordia caffra</i>	septe tree
<i>Citrus sinensis</i>	orange	-	<i>Cussonia spicata</i>	cabbage tree/kiepersol
<i>Diospyros kaki</i>	persimmon	-	<i>Diospyros dichrophylla</i>	star apple
<i>Eriobotrya japonica</i>	loquat	1b/-	<i>Diospyros lycoides</i>	monkey plum
<i>Erythrina livingstoniana</i>	aloe coral tree	-	<i>Diospyros whyteana</i>	bladdernut
<i>Eucalyptus camaldulensis</i>	river red gum	1b/2	<i>Dombeya rotundifolia</i>	wild pear
<i>Ficus carica</i>	common fig	-	<i>Dovyalis caffra</i>	kei apple
<i>Fraxinus americana</i>	American ash	3/-	<i>Ekebergia capensis</i>	Cape ash
<i>Fraxinus excelsior</i>	European ash	-	<i>Erythrina lysistemon</i>	common coral tree
<i>Hakea salicifolia</i>	willow-leaved hakea	1b/-	<i>Ficus natalensis</i>	Natal fig
<i>Hibiscus rosa-sinensis</i>	hibiscus	-	<i>Ficus sur</i>	Cape fig
<i>Jacaranda mimosifolia</i>	jacaranda	1b/-	<i>Grewia occidentalis</i>	cross berry
<i>Macadamia</i> sp.	macadamia nut	-	<i>Gymnosporia buxifolia</i>	spike thorn
<i>Malus domestica</i>	apple	-	<i>Halleria lucida</i>	tree fuschia
<i>Melia azedarach</i>	syringa	1b/3	<i>Harpephyllum caffrum</i>	wild plum
<i>Metasequoia glyptostroboides</i>	dawn redwood	-	<i>Ilex mitis</i>	Cape holly
<i>Morus nigra</i>	black mulberry	-	<i>Leonotis leonurus</i>	wild tobacco
<i>Olea europaea</i> subsp. <i>europaea</i>	cultivated olive	-	<i>Melianthus major</i>	honey flower/kruidjie-roer-my-nie
<i>Platanus occidentalis</i>	American plane	-	<i>Nuxia floribunda</i>	forest elder
<i>Platanus racemosa</i>	Californian plane	-	<i>Olea europea</i> subsp. <i>africana</i>	wild olive
<i>Plumeria rubra</i>	frangipani	-	<i>Olinia ventosa</i>	hard pear
<i>Prunus avium</i>	sweet cherry	-	<i>Osteospermum moniliferum</i>	bietou
<i>Prunus cerasifera</i>	cherry plum	-	<i>Podocarpus henkelii</i>	Henkel's yellowwood
<i>Prunus nigra</i>	black plum	-	<i>Protea mundii</i>	forest sugar bush
<i>Prunus persica</i>	peach	-	<i>Prunus africana</i>	red stinkwood
<i>Psidium guajava</i>	guava	2/3	<i>Rapanea melanophloeos</i>	Cape beech
<i>Quercus rugosa</i>	net leaf oak	-	<i>Schotia brachypetala</i>	weeping boerbean/huilboerboon
<i>Robinia pseudoacacia</i>	black locust	1b	<i>Searsia chirindensis</i>	red currant
<i>Salix babylonica</i>	weeping willow	-	<i>Searsia lansea</i>	karree
<i>Schinus molle</i>	pepper tree	-	<i>Senegalia (Acacia) burkei</i>	black monkey-thorn
<i>Solanum mauritanium</i>	bugweed	1b	<i>Senegalia (Acacia) galpinii</i>	monkey-thorn
<i>Taxodium distichum</i>	swamp cypress	-	<i>Syzygium cordatum</i>	waterberry
<i>Ulmus minor = procera</i>	English elm	-	<i>Vachellia (Acacia) karroo</i>	sweet thorn
<i>Vitis vinifera</i>	grape vine	-	<i>Vachellia (Acacia) sieberiana</i> var. <i>woodii</i>	paper bark thorn
			<i>Virgilia divaricata</i>	keurboom

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