

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 HOST TREES

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

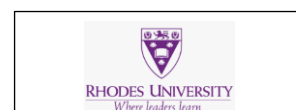
Alien Species (and Listed Invasive Species)			Indigenous Species	
Scientific name	Common name	Category	Scientific name	Common name
1. <i>Acacia mearnsii</i>	black wattle	2	1. <i>Anisodonteia scabrosa</i>	rough-leaf African mallow
2. <i>Acacia melanoxylon</i>	blackwood	2	2. <i>Bauhinia galpinii</i>	pride of de Kaap
3. <i>Acer buergerianum</i>	trident (Chinese) maple	3/-	3. <i>Brachylaena discolor</i>	coast silver oak
4. <i>Acer negundo</i>	boxelder	3	4. <i>Calpurnia aurea</i>	wild laburnum
5. <i>Acer palmatum</i>	Japanese maple	-	5. <i>Combretum erythrophyllum</i>	river bushwillow
6. <i>Brachychiton discolor</i>	pink flame tree	-	6. <i>Combretum krausii</i>	forest bushwillow
7. <i>Casuarina cunninghamiana</i>	beefwood	1b/2	7. <i>Diospyros glabra</i>	Cape star-apple
8. <i>Gleditsia triacanthos</i>	honey locust	1b	8. <i>Erythrina caffra</i>	coast coral tree
9. <i>Liquidambar styraciflua</i>	liquid amber (American sweetgum)	-	9. <i>Olea europea</i> subsp. <i>africana</i>	wild olive
10. <i>Magnolia grandiflora</i>	southern magnolia	-	10. <i>Podalyria calyptata</i>	water blossom pea
11. <i>Pearsea americana</i>	avocado	-	11. <i>Psoralea pinata</i>	fountain bush
12. <i>Platanus x acerifolia</i>	London plane	-	12. <i>Psoralea aphylla</i>	leafless fountain bush
13. <i>Populus nigra</i>	Lombardy poplar	-	13. <i>Salix mucronata</i>	Cape willow
14. <i>Populus smithii</i>	cottonwood	-	14. <i>Sparmannia africana</i>	African hemp
15. <i>Quercus palustris</i>	pin oak	-	15. <i>Trema orientalis</i>	pigeon wood
16. <i>Quercus robur</i>	English oak	-	16. <i>Vepris lanceolata</i>	white ironwood
17. <i>Ricinus communis</i>	castor bean	2	17. <i>Virgilia oroboides</i> subsp. <i>ferruginea</i>	keurboom
18. <i>Salix alba</i>	white willow	-		
19. <i>Viburnum odoratissimum</i>	sweet viburnum	-		
20. <i>Wisteria</i> sp.	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.

17 Indigenous reproductive host trees
 13 Alien reproductive host trees
 7 Invasive reproductive host trees
 37 **Reproductive host trees**

38 Indigenous non-reproductive host trees
 28 Alien non-reproductive host trees
 11 Invasive non-reproductive host trees
 77 **Non-reproductive host trees**

114 **Reproductive and Non-reproductive host trees**



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 host trees, or as Non-reproductive host trees. This list was updated by FABI on 10 March 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 HOST TREES

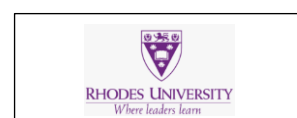
Host trees that are attacked but the beetles do not establish breeding galleries. The fungus may, or may not cause disease. Trees are generally not expected to die.

Alien Species (and Listed Invasive Species)			Indigenous Species	
Scientific name	Common name	Category	Scientific name	Common name
1. <i>Bauhinia purpurea</i>	butterfly orchid tree	1b/3	1. <i>Adansonia digitata</i>	baobab
2. <i>Betula pendula</i>	silver birch	-	2. <i>Afrocarpus falcatus</i>	Outeniqua yellowwood
3. <i>Bougainvillea</i> sp.	bougainvillea	-	3. <i>Albizia adianthifolia</i>	flat crown
4. <i>Camellia japonica</i>	common camellia	-	4. <i>Buddleja saligna</i>	false olive
5. <i>Carya illinoensis</i>	pecan nut	-	5. <i>Calodendrum capense</i>	Cape chestnut
6. <i>Ceiba pentandra</i>	kapok	-	6. <i>Cordia caffra</i>	septee tree
7. <i>Cinnamomum camphora</i>	camphor	1b/3	7. <i>Cussonia spicata</i>	cabbage tree/kiepersol
8. <i>Citrus limon</i>	lemon	-	8. <i>Diospyros dichrophylla</i>	star apple
9. <i>Citrus sinensis</i>	orange	-	9. <i>Diospyros whyteana</i>	bladdernut
10. <i>Eriobotrya japonicum</i>	loquat	1b/-	10. <i>Dombeya rotundifolia</i>	wild pear
11. <i>Erythrina livingstoniana</i>	aloe coral tree	-	11. <i>Dovyalis caffra</i>	kei apple
12. <i>Eucalyptus camaldulensis</i>	river red gum	1b/2	12. <i>Ekebergia capensis</i>	Cape ash
13. <i>Ficus carica</i>	common fig	-	13. <i>Erythrina lysistemon</i>	common coral tree
14. <i>Fraxinus americana</i>	American ash	3/-	14. <i>Ficus natalensis</i>	Natal fig
15. <i>Fraxinus excelsior</i>	European ash	-	15. <i>Ficus sur</i>	Cape fig
16. <i>Hakea salicifolia</i>	willow-leaved hakea	1b/-	16. <i>Grewia occidentalis</i>	cross berry
17. <i>Hibiscus</i> sp.	hibiscus	-	17. <i>Gymnosporia buxifolia</i>	spike thorn
18. <i>Jacaranda mimosifolia</i>	jacaranda	1b/-	18. <i>Halleria lucida</i>	tree fuschia
19. <i>Macadamia</i> sp.	macadamia nut	-	19. <i>Harpephyllum caffrum</i>	wild plum
20. <i>Malus domestica</i>	apple	-	20. <i>Ilex mitis</i>	Cape holly
21. <i>Melia azedarach</i>	syringa	1b/3	21. <i>Leonotis leonurus</i>	wild tobacco
22. <i>Morus</i> sp.	mulberry	3	22. <i>Melianthus major</i>	honey flower/kruidjie-roer-my-nie
23. <i>Olea europaea</i> subsp. <i>europaea</i>	cultivated olive	-	23. <i>Nuxia floribunda</i>	forest elder
24. <i>Platanus occidentalis</i>	American plane	-	24. <i>Olinia ventosa</i>	hard pear
25. <i>Platanus racemosa</i>	Californian plane	-	25. <i>Osteospermum moniliferum</i>	bietou
26. <i>Plumeria rubra</i>	frangipani	-	26. <i>Podocarpus henkelii</i>	Henkel's yellowwood
27. <i>Prunus avium</i>	sweet cherry	-	27. <i>Protea mundii</i>	forest sugar bush
28. <i>Prunus cerasifera</i>	cherry plum	-	28. <i>Prunus africana</i>	red stinkwood
29. <i>Prunus nigra</i>	black plum	-	29. <i>Rapanea melanophloeos</i>	Cape beech
30. <i>Prunus persica</i>	peach	-	30. <i>Schotia brachypetala</i>	weeping boerbean/huilboerboon
31. <i>Psidium guajava</i>	guava	2/3	31. <i>Searsia chirindensis</i>	red currant
32. <i>Quercus rugosa</i>	net leaf oak	-	32. <i>Searsia lansea</i>	karree
33. <i>Robinia pseudoacacia</i>	black locust	1b	33. <i>Senegalia (Acacia) burkei</i>	black monkey-thorn
34. <i>Salix babylonica</i>	weeping willow	-	34. <i>Senegalia (Acacia) galpinii</i>	monkey-thorn
35. <i>Schinus molle</i>	pepper tree	-	35. <i>Syzygium cordatum</i>	waterberry
36. <i>Taxodium distichum</i>	swamp cypress	-	36. <i>Vachellia (Acacia) karroo</i>	sweet thorn
37. <i>Ulmus minor = procera</i>	English elm	-	37. <i>Vachellia (Acacia) sieberiana</i> var. <i>woodii</i>	paper bark thorn
38. <i>Ulmus parvifolia</i>	Chinese elm	-	38. <i>Virgilia divaricata</i>	keurboom
39. <i>Vitis vinifera</i>	grape vine	-		

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