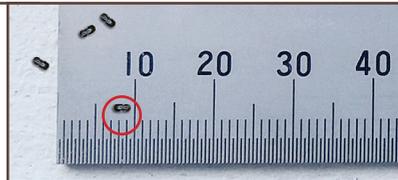


HOW TO DETECT A SHOT-HOLE BORER ATTACK

The Polyphagous Shot-Hole Borer (PSHB) is a tiny invasive black beetle from Asia that has recently arrived in South Africa.

It is smaller than a sesame seed but can have a devastating effect on trees.



The beetles make tunnels in the trunks and branches of trees and lay their eggs inside. The female beetles carry a fungus (*Fusarium euwallaceae*) from tree to tree that grows in their tunnels and disrupts the flow of water and nutrients to the tree causing branch dieback and ultimately the death of the tree.

LOOK FOR THESE SIGNS OF ATTACK:

1 ENTRY-HOLES TO THE BEETLE TUNNELS	2 TREE SYMPTOMS (these are unique to each tree species)	3 DIEBACK
<ul style="list-style-type: none"> • Round • Less than 2mm wide 	<ul style="list-style-type: none"> • Dark, wet staining • Thick gumming • Streaks of white powder or fine sawdust coming from holes 	<p>Dead branches with wilting leaves may be a sign of infection by the Fusarium Dieback disease.</p>



PLEASE REPORT SIGHTINGS AS FOLLOWS:

On CapeNature Nature Reserves to: pshb@capenature.co.za

Within the City of Cape Town municipal area via the online tool on:

<https://www.capetowninvasives.org.za/>

Sightings in any other areas to be reported to FABI

(Forestry and Agriculture Biotechnology Institute) at: <https://www.fabinet.up.ac.za/>