

Save our trees from the Shot Hole Borer

The **Polyphagous Shot Hole Borer** beetle contaminates trees with a **fatal fungus**.

The fungus **blocks** the tree's **vascular "tunnels"**. This prevents **water** and **nutrients** from moving through the tree and causes branch **dieback**, which ultimately kills the tree.



Adult female PSHB
(Photo: S Bush
Source: fabinet.up.ac.za)



Resin dripping from stem
infestation
(Photo source: Prof. Wilhelm de Beer)



The entry/exit hole with a ballpoint
pen on a California sycamore
(Photo source: University of California
- Agriculture & Natural Resources)



Infested plane tree in
Johannesburg
(Photo source: Prof. Wilhelm de Beer)



Infested old English oak in George
(Photo source: Prof. Wilhelm de Beer)

To help **protect our trees**
keep a look out for:

- Wilting, drying and **shedding of leaves**
- **Entrance holes** on branches and/or stems
- **Lesions** around entrance holes
- **Resin dripping** or oozing from stem infestation
- Branch **dieback**



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