



<b>WORKING PROJECT TITLE</b>	Dispersal and physiological ecology of Polyphagous Shot Hole Borer in South Africa
<b>CORE TEAM MEMBER</b>	Prof John S Terblanche
<b>ACADEMIC LEVEL OF THE PROJECT</b>	PhD
<b>PROJECT BACKGROUND</b>	The invasive Polyphagous Shot Hole Borer beetle is a devastating insect pest that, together with its symbiotic fungus, can kill a wide range of native and exotic tree hosts and cause significant economic damage. It poses a noteworthy threat to agriculture, urban and native trees in South Africa and in other parts of the world. This study will focus on the physiological attributes that allow this beetle to be such a successful invader using a combination of laboratory and fieldwork.
<b>FURTHER READING</b>	Paap et al. (2018): The polyphagous shot hole borer (PSHB) and its fungal symbiont <i>Fusarium euwallaceae</i> : a new invasion in South Africa. <i>Australasian Plant Pathology</i> <a href="https://doi.org/10.1007/s13313-018-0545-0">https://doi.org/10.1007/s13313-018-0545-0</a>  Freeman et al. (2016): Symbiotic association of three fungal species throughout the life cycle of the ambrosia beetle <i>Euwallacea nr. Fornicatus</i> <i>Symbiosis</i> : DOI 10.1007/s13199-015-0356-9
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