

UK pest status report for *Euwallacea perbrevis*

Field	Detail
Pest species name	<i>Euwallacea perbrevis</i> (Schedl, 1951). Nb. <i>Euwallacea perbrevis</i> is one of seven nominal species in the <i>Euwallacea fornicatus</i> complex. The taxonomy of the group has not been fully resolved and needs revision which should include a full molecular study of the beetles and the fungi they vector. It is the fungi that causes plant mortality.
Pest taxon (order, family)	Insecta: Coleoptera: Curculionidae: Scolytinae* (*this is the current taxonomy, but this subfamily was formerly considered a family i.e. Scolytidae).
Synonyms	<i>Xyleborus perbrevis</i> Schedl, 1951
Pest common name	Tea shot hole borer
Regulatory status	Great Britain: Provisional quarantine pest (as <i>Euwallacea fornicatus sensu lato</i>) Northern Ireland: Regulated quarantine pest (as <i>Euwallacea fornicatus sensu lato</i>)
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	Africa: Reunion. North America: United States of America (Inc. Hawaii). Central America: Costa Rica, Panama. Asia: China, East Timor, India, Indonesia (Java, Sumatra), Japan, Malaysia (Sabah, West), Philippines, Singapore, Sri Lanka, Taiwan, Thailand, Vietnam, Yemen. Australasia & Oceania: American Samoa, Australia, Fiji, Palau, Papua New Guinea
Main hosts	<i>Citrus</i> spp., but also <i>Acacia crassicarpa</i> , <i>Albizia</i> , <i>Aleurites</i> , <i>Annona</i> , <i>Artocarpus</i> , <i>Avicennia</i> , <i>Brosimum</i> , <i>Bursera</i> , <i>Camellia sinensis</i> , <i>Casearia</i> , <i>Cedrela</i> , <i>Cyathocalyx</i> , <i>Erythrina</i> , <i>Litchi</i> , <i>Lysiloma</i> , <i>Mangifera</i> , <i>Myristica</i> , <i>Protium</i> , <i>Terminalia</i> , <i>Theobroma</i> , <i>Xylopi</i>

Likelihood for establishment in UK	Moderately likely. Specialist botanical collections under glass are most at risk.
Website(s)	https://gd.eppo.int/taxon/EUWAPE https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=29565

References

Smith, S.M., Gomez, D.F., Beaver, R.A., Hulcr, J. & Cognato, A.I. 2019. Reassessment of the Species in the *Euwallacea fornicatus* (Coleoptera: Curculionidae: Scolytinae) Complex after the Rediscovery of the “Lost” Type Specimen. *Insects* 10(9). pii: E261. doi: 10.3390/insects10090261.

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area: <https://www.fao.org/3/x2968e/x2968e.pdf>