

UK pest status report for *Euwallacea fornicatus*

Field	Detail
Pest species name	<i>Euwallacea fornicatus</i> (Eichhoff, 1868)
Pest taxon (order, family)	Insecta: Coleoptera: Curculionidae: Scolytinae
Synonyms	<p><i>Xyleborus fornicatus</i> Eichhoff, 1868</p> <p><i>Xyleborus fornicatus fornicatus</i> Eichhoff, 1868</p> <p><i>Xyleborus tapatapaoensis</i> Schedl, 1951</p> <p><i>Xyleborus whitfordiodendrus</i> Schedl, 1942</p>
Pest common name	Part of the <i>Euwallacea fornicatus sensu lato</i> species complex that is covered by the common name of 'polyphagous shot-hole borer'.
Regulatory status	<p>Great Britain: Provisional quarantine pest</p> <p>Northern Ireland: Regulated quarantine pest (as <i>Euwallacea fornicatus sensu lato</i> and as non-European Scolytidae spp.)</p>
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	<p><u>North America</u>: United States of America (California; Hawaii).</p> <p><u>Africa</u>: South Africa. Asia: China; India; Israel; Japan; Malaysia (Inc. Sabah); Sri Lanka; Taiwan; Thailand; Vietnam.</p> <p><u>Oceania</u>: Australia (Western); Samoa</p>
Main hosts	No main host but highly polyphagous with more than 480 different hosts recorded to date.
Likelihood for establishment in UK	Unlikely, A disease complex involving an ambrosia beetle and fungus (<i>Neocosmospora euwallaceae</i>), native to Asia. Climate is likely to be a limiting factor regarding establishment.

Website(s)	https://gd.eppo.int/taxon/EUWAF0/hosts https://www.cabdigitalibrary.org/doi/10.1079/cabicompndium.18360453 https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=19240
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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