

UK pest status report for *Homalodisca vitripennis*

Field	Detail
Pest species name	<i>Homalodisca vitripennis</i> (Germar, 1821)
Pest taxon (order, family)	Insecta: Hemiptera: Cicadellidae
Synonyms	<i>Ciccus vitripennis</i> (Germar, 1821); <i>Homalodisca coagulata</i> Stål, 1869; <i>Phera vitripennis</i> (Germar, 1821); <i>Phera vitripennis</i> Fowler, 1899; <i>Proconia vitripennis</i> (Germar, 1821); <i>Raphirhinus vitripennis</i> (Germar, 1821); <i>Tettigonia vitripennis</i> Germar, 1821
Pest common name	Glassy winged sharpshooter
Regulatory status	Great Britain: Regulated quarantine pest (as Cicadellidae (non-European) known to be vector of <i>Xylella fastidiosa</i>) Northern Ireland: Regulated quarantine pest
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded
Global distribution	United States of America (inc. Hawaii), Mexico, Tahiti, Cook Islands, French Polynesia and Easter Island (Chile).
Main hosts	More than 200 recorded hosts including many of economic importance e.g. <i>Citrus</i> spp., <i>Persica americana</i> (avocado), <i>Prunus</i> spp. <i>Vitis vinifera</i> (grape) and <i>Zea mays</i> (sweet corn).
Likelihood for establishment in UK	Likely, though its ability to overwinter in the UK is a source of uncertainty
Website(s)	https://www.catalogueoflife.org/data/taxon/3MD6R . https://naturalhistory.museumwales.ac.uk/sharpshooters/browserecord.php?recid=2195 .

<https://gd.eppo.int/taxon/HOMLTR>

<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=20676>

References

Germar, E.F. (1821) Bemerkungen über einige Gattungen der Cicadarien. *Magazin der Entomologie. Halle.* 4, 1–106.

Wilson M. R. & Turner J. A. 2021. Insect Vectors of Plant Disease. Amgueddfa Cymru - National Museum Wales. *Homalodisca vitripennis* Germar 1821a: 61: Available online at <http://insectvectors.science/vector/1617>. [Accessed: 07/06/2022].

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