

UK pest status report for *Oncometopia (Oncometopia) orbona*

Field	Detail
Pest species name	<i>Oncometopia (Oncometopia) orbona</i> (Fabricius, 1798)
Pest taxon (order, family)	Insecta: Hemiptera: Cicadellidae: Cicadellinae
Synonyms	<p><i>Cicada orbona</i> Fabricius, 1798</p> <p><i>Oncometopia (Lebora) orbona</i> (Fabricius, 1798)</p> <p><i>Oncometopia (Oncometopia) undata</i> (Fabricius, 1794)</p> <p><i>Oncometopia (Parametopia) orbona</i> (Fabricius, 1798)</p> <p><i>Oncometopia orbona</i> (Fabricius, 1798)</p> <p><i>Oncometopia undata</i> (Fabricius, 1794)</p> <p><i>Oncometopia undulata</i> Fabricius, 1794</p> <p><i>Parametopia orbona</i> (Fabricius, 1798)</p> <p><i>Proconia orbona</i> (Fabricius, 1798)</p> <p><i>Proconia plagiata</i> Walker, 1851</p> <p><i>Proconia undata</i> (Fabricius, 1794)</p> <p><i>Tettigonia undata</i> (Fabricius)</p>
Pest common name	Broad-headed sharpshooter
Regulatory status	<p>Great Britain: Regulated quarantine pest (as Cicadellidae (non-European) known to be vector of <i>Xylella fastidiosa</i>)</p> <p>Northern Ireland: Regulated quarantine pest</p>
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded

Global distribution	North America: United States of America. South America: Brazil
Main hosts	<p><i>Prunus persica</i> (peach); (<i>Vitis vinifera</i> ssp. <i>vinifera</i>) (grapevine) are considered the main hosts because this species is a known vector of the subspecies of <i>Xylella fastidiosa</i> that can respectively cause Phoney Peach Disease and Pierce's Disease in these hosts.</p> <p>Other hosts include: <i>Abelmoschus esculentus</i>; <i>Albizia julibrissin</i>; <i>Aleurites fordii</i>; <i>Althaea rosea</i>; <i>Amaranthus hybridus</i>; <i>Amaranthus spinosus</i>; <i>Ambrosia artemisiifolia</i>; <i>Ambrosia trifida</i>; <i>Asclepias</i> spp.; <i>Camellia japonica</i>; <i>Campsis radicans</i>; <i>Carya illinoensis</i>; <i>Cassia occidentalis</i>; <i>Cassia tora</i>; <i>Celtis</i> spp.; <i>Cercis</i> spp.; <i>Chenopodium album</i>; <i>Cotoneaster</i> spp.; <i>Dahlia</i> spp.; <i>Elaeagnus</i> spp.; <i>Fraxinus</i> spp.; <i>Gossypium herbaceum</i>; <i>Helianthus</i> spp.; <i>Hibiscus</i> spp.; <i>Ilex</i> spp.; <i>Juglans nigra</i>; <i>Lactuca canadensis</i>; <i>Lagerstroemia indica</i>; <i>Ligustrum</i> spp.; <i>Liquidambar styraciflua</i>; <i>Lonicera japonica</i>; <i>Malus sylvestris</i>; subsp. <i>sylvestris</i>; <i>Malva</i> spp.; <i>Mangifera indica</i>; <i>Medicago sativa</i>; <i>Oenothera laciniata</i>; <i>Phytolacca americana</i>; <i>Prunus</i> spp. (<i>Prunus angustifolia</i>; <i>Prunus caroliniana</i>); <i>Pyracantha coccinea</i>; <i>Quercus</i> spp.; <i>Rhus</i> spp.; <i>Rubus</i> spp.; <i>Rumex</i> spp.; <i>Salix nigra</i>; <i>Sambucus</i> spp.; <i>Smilax</i> spp.; <i>Solidago</i> spp.; <i>Sorghum halepense</i>; <i>Trifolium pratense</i>; <i>Vigna unguiculata</i>; <i>Vitis</i> spp. (<i>Vitis vinifera</i> ssp. <i>vinifera</i>); <i>Xanthium</i> spp.; <i>Yucca aloifolia</i>; <i>Zea mays</i>.</p>
Likelihood for establishment in UK	Unlikely, given its host preferences and natural geographical range
Website(s)	<p>https://www.catalogueoflife.org/data/taxon/6SN4R</p> <p>https://naturalhistory.museumwales.ac.uk/sharshooters/browserecord.php?-recid=800</p> <p>https://gd.eppo.int/taxon/ONCMUN</p>

References

Oncometopia orbona (Fabricius 1798a: 520): Wilson M. R. & Turner J. A. 2021. Insect Vectors of Plant Disease. Amgueddfa Cymru - National Museum Wales. Available online at <http://insectvectors.science/vector/1762>. [Accessed: 07/12/2022].

¹ [International Standard for Phytosanitary Measures \(ISPM\) 8 Determination of pest status in an area](#)