

UK pest status report for *Anoplophora glabripennis*

Field	Detail
Pest species name	<i>Anoplophora glabripennis</i> (Motschulsky, 1853)
Pest taxon (order, family)	Insecta: Coleoptera: Cerambycidae
Synonyms	<p><i>Anoplophora glabripennis</i> Breuning, 1944</p> <p><i>Anoplophora nobilis</i> (Ganglbauer 1889)</p> <p><i>Cerosterna glabripennis</i> Motschulsky, 1853</p> <p><i>Cerosterna laevigator</i> Thomson, 1857</p> <p><i>Melanauster angustatus</i> Pic, 1925</p> <p><i>Melanauster glabripennis</i> var. <i>lagaisei</i> Pic, 1953</p> <p><i>Melanauster leuteonotatus</i> Pic, 1925</p> <p><i>Melanauster nankineus</i> Pic, 1926</p> <p><i>Melanauster nobilis</i> Ganglbauer, 1889</p>
Pest common name	Asian longhorn beetle; Starry sky beetle
Regulatory status	<p>Great Britain: Regulated quarantine pest.</p> <p>Northern Ireland: Regulated quarantine pest.</p>
Pest status in UK (as per ISPM 8¹)	<p>Absent: pest eradicated</p> <p>UK has had one outbreak in southern England, first recorded in 2012. Eradication measures were taken and, following surveys when the pest was not found for more than 5 consecutive years, it was officially declared eradicated in 2019.</p>
Global distribution	<p><u>North America</u>: United States of America. <u>Asia</u>: China; Japan; Korea Dem. People's Republic; Korea, Republic; Lebanon. <u>Europe</u>: Austria; Switzerland; Italy; France; Germany.</p>

Main hosts	Broad leaved host including: <i>Acer</i> spp. (<i>Acer negundo</i> ; <i>Acer platanoides</i> ; <i>Acer pseudoplatanus</i> ; <i>Acer saccharinum</i> ; <i>Acer saccharum</i> ; <i>Acer tegmentosum</i> ; <i>Acer truncatum</i>); <i>Aesculus</i> spp. (<i>Aesculus hippocastanum</i>); <i>Albizia julibrissin</i> ; <i>Alnus</i> spp.; <i>Betula</i> spp.; <i>Carpinus</i> spp.; <i>Cercidiphyllum</i> spp.; <i>Corylus</i> spp. (<i>Corylus colurna</i>); <i>Elaeagnus angustifolia</i> ; <i>Fagus</i> spp.; <i>Fraxinus</i> spp.; <i>Koelreuteria</i> spp. (<i>Koelreuteria paniculate</i>); <i>Malus domestica</i> ; <i>Morus alba</i> ; <i>Platanus</i> spp.; <i>Populus</i> spp.; <i>Prunus</i> spp. (<i>Prunus serrulate</i>); <i>Pyrus bretschneideri</i> ; <i>Salix</i> spp.; <i>Tilia</i> spp.; <i>Ulmus</i> spp.; <i>Fagus sylvatica</i> spp..
Likelihood for establishment in UK	Very Likely, Recognised threat to a wide range of deciduous trees native to the UK.
Website(s)	https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.5557 https://gd.eppo.int/taxon/ANOLGL http://titan.gbif.fr/sel_genann1.php?numero=5902 https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csIref=1786

References

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