

## UK pest status report for *Chrysobothris femorata*

Field	Detail
<b>Pest species name</b>	<i>Chrysobothris femorata</i> (Olivier, 1790)
<b>Pest taxon (order, family)</b>	Insecta: Coleoptera: Buprestidae
<b>Synonyms</b>	<p><i>Buprestis femorata</i> Olivier, 1790</p> <p><i>Buprestis insculpta</i> Herbst, 1801</p> <p><i>Chrysobothris dissimilis</i> Gory 1841</p> <p><i>Chrysobothris nigritula</i> Gory &amp; Laporte 1837</p> <p><i>Chrysobothris obscura</i> LeConte 1860</p>
<b>Pest common name</b>	Flat-headed apple tree borer
<b>Regulatory status</b>	<p>Great Britain: Provisional quarantine pest</p> <p>Northern Ireland: Not Regulated</p>
<b>Pest status in UK (as per ISPM 8<sup>1</sup>)</b>	Absent: pest not recorded.
<b>Global distribution</b>	<u>North America</u> : Canada, United States of America
<b>Main hosts</b>	No main hosts but highly polyphagous including: <i>Acer negundo</i> ; <i>Acer platanoides</i> ; <i>Acer rubrum</i> ; <i>Acer saccharum</i> ; <i>Acer truncatum</i> ; <i>Acer x freemanii</i> ; <i>Betula occidentalis</i> ; <i>Betula papyrifera</i> ; <i>Betula pubescens</i> ; <i>Carpinus betulus</i> ; <i>Carpinus caroliniana</i> ; <i>Carpinus japonica</i> ; <i>Carya illinoensis</i> ; <i>Cercis canadensis</i> ; <i>Cornus</i> spp. ( <i>Cornus florida</i> ; <i>Cornus kousa</i> ); <i>Crataegus douglasii</i> ; <i>Crataegus viridis</i> ; <i>Diospyros kaki</i> ; <i>Juglans nigra</i> ; <i>Malus domestica</i> ; <i>Malus sylvestris</i> ; <i>Ostrya virginiana</i> ; <i>Platanus occidentalis</i> ; <i>Populus deltoides</i> ; <i>Populus fremontii</i> ; <i>Populus tremuloides</i> ; <i>Prunus serotina</i> ; <i>Pyrus communis</i> ; <i>Salix nigra</i> ; <i>Sorbus hybrida</i> ; <i>Tilia americana</i> ; <i>Ulmus americana</i> ; <i>Ulmus rubra</i> ; <i>Vaccinium darrowii</i> .

<b>Likelihood for establishment in UK</b>	Very Likely, Polyphagous beetle pest present in North America, where there have been significant economic impacts on ornamental trees and in apple orchards.
<b>Website(s)</b>	<a href="https://cerambycids.com/buprestidae/WorldCat/Genera/Chrysobothris.htm">https://cerambycids.com/buprestidae/WorldCat/Genera/Chrysobothris.htm</a> <a href="https://gd.eppo.int/taxon/CHRBFE">https://gd.eppo.int/taxon/CHRBFE</a> <a href="https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csIref=14220">https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?csIref=14220</a>

## References

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