

## Express PRA for *Xylotrechus chinensis*

– Interception –

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**Initiation:** Interception in Rhineland Palatinate – Container with ornamental articles (birch and willow) from China

Express-Risk Analysis (PRA)	<i>Xylotrechus chinensis</i> (Chevrolat)		
Phytosanitary risk for Germany	high <input type="checkbox"/>	medium <input checked="" type="checkbox"/>	low <input type="checkbox"/>
Phytosanitary risk for EU-MS	high <input type="checkbox"/>	medium <input checked="" type="checkbox"/>	low <input type="checkbox"/>
Certainty of assessment	high <input type="checkbox"/>	medium <input type="checkbox"/>	low <input checked="" type="checkbox"/>
<b>Conclusion</b>	<p><i>Xylotrechus chinensis</i> is endemic in Asia and does not yet occur in Germany and the EU. Up to now, it is listed neither in the Annexes of Dir. 2000/29/EC nor by the EPPO.</p> <p><i>Xylotrechus chinensis</i> infests mulberries. Adult beetles feed also on apple trees and trees of edible chestnuts.</p> <p>It is assumed that due to suitable climatic conditions the longhorn-beetle is capable to establish in – at least - southern EU-MS, possibly also in Germany.</p> <p>Due to its damage potential - especially for mulberries - <i>X. chinensis</i> presumably poses a phytosanitary risk for Germany and other EU-Member States.</p> <p>Based on this risk analysis it is assumed that the pest could establish in Germany or another Member State and cause considerable damage.</p> <p>Thus preventive measures against the risk of introduction of this potential quarantine pest should be taken according to § 4a of the Plant Inspection Order. Therefore the intercepted consignment must be destroyed or treated according to § 4a of the Plant Inspection Order.</p>		
<b>Preconditions for an Express-PRA fulfilled?</b>	Might be a pest, is not listed, thus far not established in the area covered by the reporting plant protection service.		
<b>Taxonomy, trivial name, synonyms</b>	Coleoptera, Cerambycidae, <i>Xylotrechus</i> , <i>Xylotrechus chinensis</i> (Chevrolat); Tiger longicorn beetle; <i>Clytus chinensis</i> , <i>Xylotrechus sinensis</i>		
<b>Does a relevant earlier PRA exist?</b>	No		
<b>Distribution and biology</b>	The longhorn beetle occurs in Japan (Hokkaido, Honshu, Shikoku, Kyushu, Okinawa and Tsushima), the Korean peninsula		

Express-Risk Analysis (PRA)	<i>Xylotrechus chinensis</i> (Chevrolat)
	and in parts of China and Russia.
<b>Are host plants present in the PRA-region? If so, which?</b>	Yes, mulberries, apple trees and trees of edible chestnuts are present in Germany as well as in other EU Member States.
<b>Transfer pest from consignment →host plant</b>	Possibly in case of disposal of the infested consignment.
<b>Is a vector/further plant needed for host alternation? Which? Distribution?</b>	Not relevant
<b>Climate in distribution area comparable to PRA-area?</b>	Definitely, in southern EU-Member States – due to very little information it is not possible to assess to what extent also EU-Member States located further north – incl. Germany – could be suitable.
<b>If no, are host plants present in protected cultivation?</b>	Not relevant.
<b>Damage to be expected in the PRA-area?</b>	Larvae feed on mulberries, adult beetles most probably also on apple trees and trees of edible chestnut. In the case of dead trees larvae feed on the bark only and on all parts of living trees.
<b>Is an infestation easy to eradicate?</b>	In case of early finding possibly yes, adult beetles are very striking.
<b>Remarks</b>	Only little information is available on the beetle. It is not clear why the beetle was found on ornamental articles from birch and willow that obviously are no host plants. In 2007, the beetle was found in wooden packaging material in Bavaria.
<b>Literature</b>	<p>Benker, U. (2008). Stowaways in Wood Packaging Material – Current Situation in Bavaria. Forstschutz aktuell (44): 30 – 31.  <a href="https://bfw.ac.at/400/pdf/fsaktuell_44_13.pdf">https://bfw.ac.at/400/pdf/fsaktuell_44_13.pdf</a> (last access of website on 07-07-17)</p> <p><a href="http://fukumitu.sakura.ne.jp/insect/syu_k/ToraKamikiri_.html">http://fukumitu.sakura.ne.jp/insect/syu_k/ToraKamikiri_.html</a> (last access of website on 07-07-17)</p> <p>Makihara, H. (1979): Tribe Clytini of Okinawa Prefecture (Coleoptera: Cerambycidae). Esaki (14): 149 – 173.  <a href="http://www.cerambycoidea.com/titles/makihara1979.pdf">http://www.cerambycoidea.com/titles/makihara1979.pdf</a> (last access of website on 07-07-17)</p>