



Inspection of high risk wood packaging material in Austria

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Workshop for inspectors on tools available for inspections

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13 December 2017

Commission Implementing Decision 2013/92/EU came into force on 1st April 2013 amended per Commission Implementing Decision 2015/474/EU and 2017/728/EU

This Decision lays down plant health checks and measures to be taken on wood packaging material in use in the transport of certain specified stone commodities originating in China **before customs release.**

Commission Implementing Decision 2013/92/EU



The aim is to prevent the introduction and spread of harmful organisms, in particular *Anoplophora glabripennis* (Motschulsky).

Number of consignments with non compliances detected in WPM from China, in the period 01. 04. 2013 till 08.12.2017 by inspectors of the Austrian Plant Protection Service

Period	4-12 2013	1-12 2014	1-12 2015	1-12 2016	1-12-2017
Inspected consignments	345	356	382	337	186
Percentage of incoming consignments	30,8	26,5	41,4	38,6	23,6
Inspected containers	-	1082	1022	918	559
Percentage of incoming containers	-	25,8	38,9	39,7	26,7
Notification because of presence of harmful org.	29	18	39	66	33
Percentage of inspected consignments	8,4	5,1	10,2	19,6	17,7
Notification because of missing or wrong marking	9	8	6	5	7

Inspection of WPM from China Report of 22 MS 1.4.16-

Source CIRCABC	AT	BE	BG	CH	HR	EST	FI	DE	HE	IE	IT	LV	LIT	MA	NL	PL	PT	RO	SI	ES	SE	UK	Total
No. of inspected consignments	279	331	52	219	51	94	131	3987	89 91	207	1265	109	339	12	954	573	42	7	146	1254	83 90	2020	12253
- of which, with a harmful organism and without a compliant ISPM15 mark	1							2														2	5
- of which, with a harmful organism and a compliant ISPM15 mark	95 63	1		1		6	1	3 28				1			4		2					2	109
- of which, without a compliant ISPM15 mark only	8 7	0 5		1	4	8		11	2	1	6	6	1		5	2	1			3		14	77
Total No. of inspected consignments intercepted with non-compliant WPM	103 71	6		2	4	14	1	41	2	1	6	7	1	0	9	2	3			3		18	191
% of inspected consignments intercepted with non-compliant WPM	25,4	1,8	0	0,9	7,8	14,9	0,8	1,0	2,2	0,5	0,5	6,4	0,3	0	0,9	0,3	7,1	0	0	0,2	0	0,9	1,6%



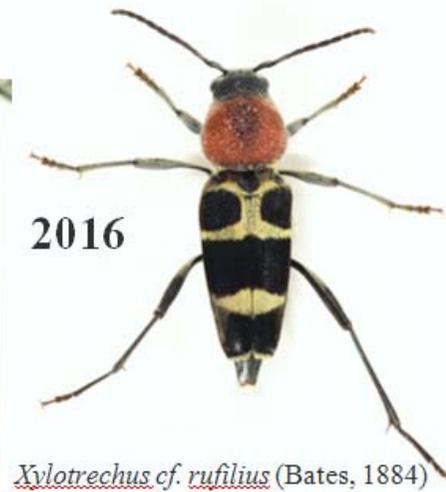
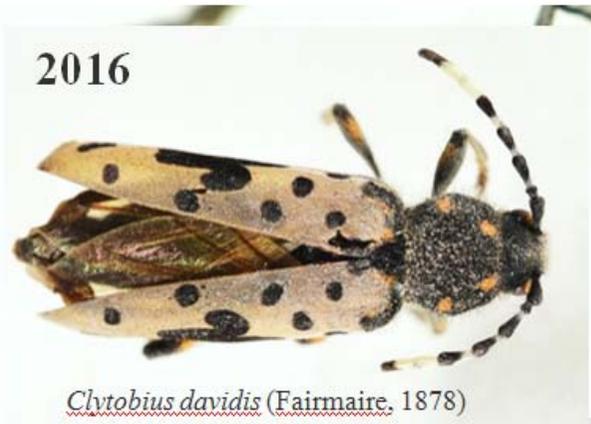
Number of consignments with living stages of wood boring insects detected in WPM from China, in the period 1. 4. 2013 till 31.03.2017 by inspectors of the Austrian Plant Protection Service (1)

<i>Anoplophora glabripennis</i> (ALB)	16
<i>Trichoferus</i> sp.	20
<i>Apriona germari</i>	2
<i>Callidiini</i>	3
<i>Clytini; Clytobius</i>	2
<i>Arhopalus</i> sp	1
<i>Spondylidinae, Assemini</i>	2
<i>Aromia</i> sp.	1
<i>Phoracantha</i> sp.	1
<i>Batocera lineolata</i>	1
Not identified Cerambycidae	26
Longhorned Beetles totally	74

Number of consignments with living stages of wood boring insects detected in WPM from China, in the period 1. 4. 2013 till 31.03.2017 (2)

Scolytidae (<i>Scolytus</i> , <i>Xyleborus</i> , <i>Xyleborinus</i> , <i>Xylosandrus</i> ,.. (Ambrosia beetles, wood boring bark beetles)	95
<i>Lyctidae</i>	21
<i>Anobidae</i>	6
<i>Bostrichidae</i>	3
<i>Platipodidae</i>	2
<i>Dermestidae</i>	1
<i>Nitidulidae</i>	1
<i>Buprestidae</i>	1
others	19
Small wood and bark-boring beetles totally	149
<i>Lepidoptera</i> (<i>Oecophora</i> , <i>Cossidae</i> ,...)	7
<i>Siricidae</i> (wood wasp)	7
ants/ bugs/ cockroaches	7

Findings in WPM: *Cerambycidae* adult beetles



Longhorn beetle Larvae; Lamiinae



Batocera lineolata (Chevrolat, 1852)

2015



Apriona germarii (Hope, 1831)

2012



Cf Apriona sp

2015

Trichoferus campestris



Findings in WPM from China



larva and pupa of ALB



Findings in WPM from China

Mostly the middle pole is of less quality and often shows symptoms.



The middle pole can be removed easily for further investigation. The unit will not become unstable.



Symptoms



Christof Schweiger, BFW

Frass of *Apriona germari*

Symptoms



More feasible detection methods



Import Inspection

- Online application system
- Special requirements for inspection places
- Special trained and experienced inspectors

Use of A/P Detection System

Import Inspection of WPM from China

- Only at approved places of destination
- Before customs release
- Good cooperation between importer (forwarder) and Inspectors of BFW because of
 - **Well working online application system**
 - **Low waiting time**
 - **Transparency of checks**
 - **In case of non compliances -> Importer will put pressure on the exporter**

How to detect risk consignments

- Bill of Lading
- Packing list
- Fumigation certificate

**Uploaded in BFW
Online System**

How to detect risk consignments

- Packing List
 - Wall Panel (Material Code): G359, G654, G603, G350
 - Floor tiles (Material): Bluestone
 - Building stones (MC): G350, G359
 - Border stones (MC): G341, G359, G375
 - Palisade square (MC): G341

How to detect risk consignments

IPPC-Marking

- Old marking
- Chinese provinces
 - 33, 35 a.o. South China;
 - 12, 37, 41 a.o. North China
- New Chinese Marking
- Mismatches between origin of consignment and provinces in the ISPM mark



Inspection procedure

- Before opening the container residual gas-measurement (Inspector or representatives of inspection place) e.g. with Dräger Accuro Pump has to be done
- If gas (Methyl bromide) is detected → container will not be inspected -> warning sticker is placed on the container door



Danger because of gas inside the container

15% of measured container



Import- Inspection of WPM



After residual gas-measurement without positive result the customs seal is broken and the container opened

Inspection procedure

- Every pallet, every WPM unit has to be unloaded and inspected. When the number of cases of non compliance has reached the critical limit, unloading is stopped and a appropriate treatment has to be done.
- If inspection is done with detection dogs at least one third of the WPM units has to be unloaded, because dogs are sniffing inside the container



Import- Inspection of WPM



Unit by unit is unloaded with fork-lift trucks and presented to the inspector, often 2 fork-lift trucks are working alternating

Inspection of WPM



The inspector looks carefully at every side and also at the top and to the bottom. The driver of the fork-lift truck lifts the unit to the appropriate height.

Inspection of WPM



Anoplophora detection dogs monitoring Wood Packaging Material from Asia

© Ute Hoyer-Tomiczek, BFW



conclusion

- The cheaper the product the worse the quality of the wood of the pallet
 - Increasing price competition
 - Insufficient or missing treatment of wood
 - High risk of introduction of harmful organism

conclusion

- Missing knowledge of WPM Producer in China
 - Despite of repeated notifications of non compliances no reaction (improvement) from China
 - In 90% of cases WPM was marked
 - suspicion: fake IPPC-mark

Conclusion

- About 50% of customs released regulated consignments in Austria have been phytosanitary released in other member states. No information about physical checks and findings of non compliances
- Some importers changed the packaging material (plywood, metal)



**Thank you for your
attention!**

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