ORGANISATION EUROPEENNE ET MEDITERRANEENNE POUR LA PROTECTION DES PLANTES

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EPPO Reporting Service

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2010/110 EPPO moves to new Headquarters!

After more than 40 years spent at the '1 rue Le Nôtre' (EPPO arrived there in 1968!), EPPO will move to new headquarters near Place de la Bastille. The new EPPO address will be:

21 Boulevard Richard Lenoir 75011 Paris

New fax number: +33 (0)1 70 76 65 47

Tel: +33 (0)1 45 20 77 94 (unchanged but this still needs to be confirmed)

The e-mail and website addresses will remain the same.

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EPPO will move between the 19th-23rd July. This is a major operation as all IT-systems (Internet connections and telephone) have to be dismantled, reassembled and tested in the new Headquarters; the library and administration have also to be reorganized. It is hoped that this will be finished by mid August. From the 15th of July to the 15th of August, the EPPO Secretariat will not be able to answer information requests, or provide the latest information via the Website and through the Reporting Service except for the most urgent issues. We apologize for the inconvenience but we look forward to starting again our activities in new and spacious facilities.

Source: EPPO Secretariat (2010-07).

2010/111 First record of *Drosophila suzukii* in France

In France, *Drosophila suzukii* (Diptera: Drosophilidae - EPPO Alert List) was identified for the first time in June 2010. The pest was found on cherry in Corse and on strawberry in Var and Alpes-Maritimes. In Corse, significant damage was observed on cherry, and it is suspected that *D. suzukii* might also be present on peach and apricot. Observations made by the growers suggested that the pest may have been present during the last 2 years. A monitoring programme has been initiated to delimit the extent of the infestation and investigations are being made to determine possible control measures against *D. suzukii*. As prophylactic measures, growers have been recommended to carefully eliminate fruit residues after harvest and destroy all fallen fruit.

The situation of *Drosophila suzukii* in France can be described as follows: Present, first identified in June 2010 on cherries and strawberries in Southern France (Alpes-Maritimes, Corse, Var).

Source: NPPO of France (2010-06).

Additional key words: new record Computer codes: DROSSU, FR

2010/112 Drosophila suzukii found in Toscana, Italy

Drosophila suzukii (Diptera: Drosophilidae - EPPO Alert List) was first recorded in Italy in September 2009 in Trentino-Alto-Adige region causing damage to small fruit crops (EPPO RS 2010/007). The insect was also found in Toscana region during a faunistic study carried out by the University of Pisa. D. suzukii was found in natural forest environments in the municipality of San Giuliano Terme (province of Pisa). Further surveys will be carried out by the regional PPO of Toscana. So far, no damage caused by D. suzukii has been reported in fruit production areas of Toscana.

Source: NPPO of Italy, 2010-04.

Additional key words: detailed record Computer codes: DROSSU, IT

2010/113 First record of *Diaporthe vacinii* in Germany

The NPPO of Germany recently informed the EPPO Secretariat of the first record of *Diaporthe vaccinii* (anamorph *Phomopsis vaccinii* - EPPO A1 List) on its territory. The fungus was detected on 2009-08-11 in a crop of *Vaccinium corymbosum* cv. 'Duke' in Niedersachsen. Affected plants showed necrosis on shoots, leaves and flowers. Although *D. vaccinii* was detected in August 2009, it is considered that it was presumably present in the crop concerned since May 2009. Eradication measures have been taken (radical pruning back, treatment, intensive monitoring). These infected *V. corymbosum* plants had originally been bought from another grower in Niedersachsen, but despite intensive examinations *D. vaccinii* could not be detected in this enterprise.

The pest status of *Diaporthe vacinii* in Germany is officially declared as: Transient, actionable, under eradication.

Source: NPPO of Germany, 2009-12.

Additional key words: new record Computer codes: DIAPVA, DE

2010/114 First report of *Tuta absoluta* in Kosovo (YU)

The presence of *Tuta absoluta* (Lepidoptera: Gelechiidae - EPPO A2 List) has now been confirmed in Kosovo (YU). In 2010, samples were collected from tomato fields from June 28th until July 1st in the main glasshouse areas: Mamusha and Rahovec (county of Prizren), and Shtime (county of Ferizaj). On the basis of the morphological characteristics of the adults (male genitalia), pupae and larvae, the pest was identified as *T. absoluta*. This is the first report of *T. absoluta* in Kosovo.

Source: Personal communication with Prof. Ejup Çota, Regional Consultant for Integrated Production Horticultural Promotion in Kosovo (2010-06).

Additional key words: new record Computer codes: GNORAB, YU

2010/115 First record of *Chalara fraxinea* in the Czech Republic

In the Czech Republic, *Chalara fraxinea* (EPPO Alert List) was isolated from an ash tree (*Fraxinus excelsior* cv. 'Pendula') in the Arboretum Křtiny (Drahany Highland), and then from several other locations in South Moravia. The infection was associated with severe twig dieback. Symptoms of ash dieback were also observed in many locations across the country. This is the first record of *C. fraxinea* in the Czech Republic.

The situation of *Chalara fraxinea* in the Czech Republic can be described as follows: Present, first reported in 2009 and now widespread.

Source: Jankovský L, Holdenrieder O (2009) Chalara fraxinea ash dieback in the Czech

Republic. Plant Protection Science 45(2), 74-78 (abst.).

Additional key words: new record Computer codes: CHAAFR, CZ

2010/116 Chalara fraxinea found on Fraxinus angustifolia

In Austria, *Fraxinus angustifolia* trees planted along the river March (also called Morava) near Hohenau an der March (Niederösterreich) have been severely affected by dieback and mortality. Symptoms included shoot and twig dieback, necrotic lesions and cankers in the bark, as well as discolouration of the wood. In 2008, *Chalara fraxinea* (EPPO Alert List) was consistently isolated from small necrotic lesions on shoots of diseased *F. angustifolia* saplings in this area and from diseased seedlings from a nursery near Kapuvár in North-Western Hungary. In spring 2009, the fungus was also commonly detected on affected *F. angustifolia* seedlings in a nursery in Niederösterreich. Inoculation studies confirmed that *F. angustifolia* can be a host of *C. fraxinea*. This is the first time that *C. fraxinea* is reported on a host other than *F. excelsior*. It is also noted that the detection of *C. fraxinea* in forest nurseries suggests that diseased plants for planting are an important pathway for accelerating the spread of this emerging pathogen.

Source: Kirisits T, Matlakova M, Mottinger-Kroupa S, Halmschlager E, Lakatos F (2010)

Chalara fraxinea associated with dieback of narrow-leafed ash (Fraxinus

angustifolia). Plant Pathology 59(2), p 411.

Additional key words: host plant Computer codes: CHAAFR

2010/117 Agrilus planipennis continues to spread in the USA

In North America, *Agrilus planipennis* (Coleoptera: Buprestidae - EPPO A1 List) was first discovered infesting urban ash trees (*Fraxinus* spp.) near Detroit (Michigan) in 2002. It then spread to Ontario (Canada), Ohio, Indiana, Illinois, Pennsylvania, and to an increasing number of more distant states such as Maryland, Virginia, West Virginia, Missouri, Wisconsin, Kentucky, Minnesota, New York, and Iowa. A map (June 2010) prepared by the 'Cooperative emerald ash borer project' can be viewed on the Internet and shows the current distribution of the pest in North America:

http://www.emeraldashborer.info/files/MultiState_EABpos.pdf

The EPPO Secretariat previously had no data on the occurrence of *A. planipennis* in the following US states:

- West Virginia: first found in October 2007 in Fayette county.
- Kentucky: first found at 2 locations in Shelby and Jessamine counties in May 2009, further specimens were found later in other counties (Boone, Campbell, Fayette, Franklin, Greenup, Henry, Jefferson, Kenton, Oldham and Owen).
- Minnesota: first found in May 2009 in Saint Paul, it was also confirmed in 2010 in Houston county and in the neighbourhood of Minneapolis.
- New York: first found in June 2009 in Cattaraugus county.
- Iowa: first found in May 2010 along the Mississippi river (close to the state of Minnesota) in Allamakee county.

Source: INTERNET (last accessed in 2010-06)

Emerald Ash Borer. http://www.emeraldashborer.info

Additional key words: detailed record Computer codes: AGRLPL, US

2010/118 Dryocosmus kuriphilus reported from Valle d'Aosta and Lazio regions, Italy

In Italy, the presence of *Dryocosmus kuriphilus* (Hymenoptera: Cynipidae - EPPO A2 List) was first reported in the Piemonte region in spring 2008 (Cuneo province - EPPO RS 2003/061) and then in several other regions (EPPO RS 2006/027, 2008/195, 2009/156, 2009/175). The NPPO of Italy recently provided updated information for the following 2 regions:

Valle d'Aosta

The Regional Plant Protection Organization has found *D. kuriphilus* for the first time in Valle d'Aosta, in the municipalities of Aosta, Arnad, Chamdepraz, Pollein and Pont-Saint-Martin.

Lazio

The Regional PPO has found new outbreaks of *D. kuriphilus* in the municipalities of Antrodoco, Borgovelino and Micigliano (Province of Rieti).

The situation of *Dryocosmus kuriphilus* in Italy can be described as follows: Present, first found in 2008 near Cuneo, scattered outbreaks reported from Abruzzo, Calabria, Campania, Emilia-Romagna, Friuli-Venezia Giulia, Lazio, Liguria, Lombardia, Marche, Toscana, Trentino-Alto Adige, Piemonte, Sardegna, Umbria, Valle d'Aosta and Veneto; under official control.

Source: NPPO of Italy, 2010-07.

Additional key words: detailed record Computer codes: DRYCKU, IT

2010/119 First record of *Ophelimus maskelli* in Portugal

Ophelimus maskelli (Hymenoptera: Eulophidae) is a gall wasp causing damage to Eucalyptus species which is currently spreading in the EPPO region (EPPO RS 2006/188, 2006/189, 2007/031, 2007/151, 2009/214). In Europe, it was first reported in Italy in 2000 (but at that time it was misidentified as O. eucalypti). In 2003, it was detected in the south and in the north-east of Spain in 2004. During intensive surveys on eucalyptus gall wasps carried out in Portugal in 2003 and 2004, only Leptocybe invasa was found. O. maskelli was first detected in April 2006 near Lisbon on Eucalyptus camaldulensis which is one of the main eucalyptus species (together with E. globulus) growing in the Iberian Peninsula. Surveys conducted in 2007 showed that O. maskelli mainly occurred in the south of Portugal (near the border with Spain) and in the centre, near Lisbon. During this survey, a parasitoid Closterocerus chamaeleon (Hymenoptera: Eulophidae) was recovered from naturally parasitized O. maskelli. In Portugal, C. chamaeleon has not been used for biological control, however it has been released in Italy and it is supposed that it may have spread from there. This is the first report of Ophelimus maskelli in Portugal.

Source: Branco M, Boavida C, Durand N, Franco JC, Mendel Z (2009) Presence of the

Eucalyptus gall wasp Ophelimus maskelli and its parasitoid Closterocerus

chamaeleon in Portugal: first record, geographic distribution and host preference.

Computer codes: OPHEMA, PT

Phytoparasitica 37(1), 51-54.

Additional key words: new record

2010/120 New data on quarantine pests and pests of the EPPO Alert List

By searching through the literature, the EPPO Secretariat has extracted the following new data concerning quarantine pests and pests included on the EPPO Alert List. The situation of the pest concerned is indicated in bold, using the terms of ISPM no. 8.

New records

The sycamore lace bug, *Corythucha ciliata* (Heteroptera: Tingidae) was found for the first time in Turkey in 2007. It was recorded from an area of approximately 120 km² between Taşkesti and Abant in the province of Bolu, Black Sea region (Mutun, 2009). Present, found in Black Sea region. This pest has also been recently reported from Poland (Lis, 2009). Present, no details.

During studies on the molecular detection of *Coconut cadang-cadang viroid* (*Cocadviroid*, CCCVd - EPPO A1 List), it was found that closely related viroids could be detected in samples of oil palm (*Elaeis guineensis*) collected from a commercial plantation in Malaysia and 1 sample of coconut (*Cocos nucifera*) from Sri Lanka. Although this suggests that CCCVd might be present in these countries, this remains to be confirmed. Further surveys on viroid(s) identity and incidence are needed (Vadamalai *et al.*, 2009).

Colombian datura virus is reported for the first time in Italy. It was detected in plants of Brugmansia spp. growing in several private gardens and in one nursery near Bari, Puglia region (Vovlas et al., 2009). Present, found in Puglia.

The blueberry gall midge, *Dasineura oxycoccana* (Diptera: Cecidomyiidae - formerly EPPO Alert List) was detected for the first time in the United Kingdom in 2007. *D. oxycoccana*

was found in a nursery in the Midlands (England), and was suspected to have been present for at least one year already. Surveys conducted in 2009 revealed that *D. oxycoccana* was widely distributed in England (nurseries and production sites in the south, south-east, east and north-west England). Considering the wide distribution of the pest, no phytosanitary measures were proposed to eradicate or contain it (Fera, 2009). Present, widespread in England.

Symptoms of pear decline (disease associated with 'Candidatus Phytoplasma pyri' - EPPO A2 List) have been observed in several pear-growing regions in Iran. Studies confirmed the presence of 'Ca. P. pyri' in pear samples collected from the province of Fars. Symptomatic pear trees of provinces other than Fars were not tested in this study. This the first report of pear decline phytoplasma in Iran (Salehi et al., 2008). Present, no details.

In Chile, extensive surveys were carried out from 2002 to 2006 to identify phytoplasmas associated with grapevine yellows. Several phytoplasmas belonging to different ribosomal groups were detected including phytoplasmas related to those causing bois noir (stolbur) in Europe. This is the first time that stolbur phytoplasma strains are reported from South America (Gajardo *et al.*, 2009). Present, no details.

Lopholeucaspis japonica (Hemiptera: Diaspididae - EPPO A2 List) is recorded as present in Greece (Milonas et al., 2009). Present, no details.

Tomato spotted wilt virus (Tospovirus, TSWV - EPPO A2 List) occurs in Indonesia. TSWV was detected in samples of tomato (*Lycopersicon esculentum*) and chilli pepper (*Capsicum* spp.) collected from West Java during surveys conducted in 2008 (Damayanti & Naidu, 2009). Present, detected in Java.

Detailed records

Acizzia jamatonica (Hemiptera: Psylloidea - formerly EPPO Alert List) continues to spread in the EPPO region. In September 2008, it was detected for the first time in the city of Jerez de la Frontera (province of Cádiz, Andalucía) in Spain. Several groups of Albizia julibrissin trees were heavily infested by this psyllid (Sánchez & Burckhardt, 2009).

Acidovorax citrulli (EPPO Alert list) occurs in Hainan province, China. It was first detected in watermelon (Citrullus Ianatus) seedlings in 1998 (Feng et al., 2009).

Clavibacter michiganensis subsp. michiganensis (EPPO A2 List) occurs in Islas Canarias, Spain. The disease was first detected in 2002 in Tenerife and Gran Canaria, and in 2004 in La Palma. Official control measures were taken by the local authorities (analysis of tomato seeds, careful plant management and glasshouse disinfection) and led to a drastic reduction in the disease incidence during the following years. However, the bacterium has occasionally reappeared in different locations in Islas Canarias since then (de León et al., 2009).

Cryphonectria parasitica (EPPO A2 List) occurs in Sardegna, Italy (Zanda et al., 2009).

In November 2008, the presence of *Gonipterus scutellatus* (Coleoptera: Curculionidae - EPPO A2 List) was noticed for the first time in Andalucía, in the province of Huelva. Its parasitoid, *Anaphes nitens* (Hymenoptera: Myrmaridae), was also found in eggs (Sánchez-García *et al.*, 2009).

Maconellicoccus hirsutus (Hemiptera: Pseudococcidae - EPPO A1 List) was first found in the Northern Mariana Islands in 2003. It occurs in Rota, Tinian and Saipan (Reddy *et al.*, 2009).

In Puglia (Southern Italy), two new outbreaks of *Plum pox virus* (*Potyvirus*, PPV - EPPO A2 List) have recently been detected at Cerignola in apricot and peach orchards established with propagation material from nurseries of Northern Italy. Molecular studies showed that isolates belonged to the Marcus strain of PPV. It is noted that this is the first detection of sharka in peach and of PPV-M in Puglia (Palmisano *et al.*, 2009).

Host plants

Studies carried out in Brazil have showed that *Citrus Ieprosis virus* (EPPO A1 List) can infect *Glycosmis pentaphylla*, a rutaceous shrub native to tropical Asia. *G. pentaphylla* is grown for its edible fruits in gardens (Freitas-Astúa *et al.*, 2009).

During studies carried out in autumn 2006 in California (US) on potential host plants, Cucurbit yellow stunting disorder (Crinivirus - EPPO A2 List) was detected in Medicago sativa (lucerne), Lactuca sativa (lettuce), Phaseolus vulgaris (bean), as well as in several weed species (Amaranthus retroflexus, Bassia hyssopifolia, Chenopodium album, Malva neglecta, Physalis wrightii, Sida hederacea, Sisymbrium irio, Sonchus sp., Solanum elaeagnifolium). In the field, only P. vulgaris, S. hederacea, and P. wrightii showed symptoms. Although the main hosts of CYSDV are predominantly Cucurbitaceae, more studies are needed on the disease epidemiology because other plants can serve as reservoirs for the virus (Wintermantel et al., 2009).

Spiroplasma citri (EU Annexes) causes stubborn disease in citrus and has also been found associated with brittle root in horseradish (Armoracia rusticana). In the USA, S. citri has been associated recently with the carrot purple leaf disease. This disease was first reported in 2006 in the state of Washington, and then in 2008 in California. In the USA, the primary vector of S. citri is Circulifer tenellus (Hemiptera: Cicadellidae - EU Annexes). Recent studies have confirmed that carrot (Daucus carota) is a host plant of S. citri, but that it is not a preferred host of C. tenellus (Mello et al., 2009).

Tobacco ringspot virus (Nepovirus, TRSV - EPPO A2 List) has been detected on two trees of Sophora microphylla (Fabaceae) in New Zealand. Leaves of affected trees showed mosaic symptoms. This is the first time that TRSV is detected in this ornamental tree species (Ward et al., 2009).

New pest

A new root-knot nematode species, *Meloidogyne silvestris* n.sp., has recently been described. This new species was infecting roots of European holly (*Ilex aquifolium*) growing in a forest in Northern Spain (province of Soria, Castilla y León). High infection rates were observed and some affected trees showed decline and reduced growth (Castillo *et al.*, 2009).

Source: Castillo P, Vovlas N, Troccoli A, Liébanas G, Palomares Rius JE, Landa BB (2009) A

new root-knot nematode, Meloidogyne silvestris n.sp. (Nematoda:

Meloidogynidae), parasitizing European holly in northern Spain. *Plant Pathology*

58(4), 606-619.

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of vegetative compatibility types of *Cryphonectria parasitica* in Sardinian chestnut stands. *Journal of Plant Pathology* 91(4, Sup.), S4.95 INTERNET

Fera (GB) Blueberry gall midge found in England (2009-08-06).

http://www.fera.defra.gov.uk/plants/plantHealth/pestsDiseases/documents/blueberryGallMidge.pdf

Additional key words: new records, detailed records, host plants, new pests

Computer codes: ACIZJA, CCCVD0, CDV000, CILV00, CIRCTE, CORBMI, CRTGCI, CYSDV0, DASYVA, GONPSC, LOPLJA, PHENHI, PHYP10, PHYTPY, PPV000, PSDMAC, SPIRCI, TRSV00, TSWV00, CL, CN, ES, ES, GB, GR, ID, IR, IT, LK, MP, MY, NZ, TR, US, US

2010/121 EPPO report on notifications of non-compliance

The EPPO Secretariat has gathered below the notifications of non-compliance for 2010 received since the previous report (EPPO RS 2010/109). Notifications have been sent directly to EPPO by Croatia, and via Europhyt for the EU countries and Switzerland. The EPPO Secretariat has selected notifications of non-compliance made because of the detection of pests. Other notifications of non-compliance due to prohibited commodities, missing or invalid certificates are not indicated. It must be pointed out that the report is only partial, as many EPPO countries have not yet sent their notifications. When a consignment has been re-exported and the country of origin is unknown, the re-exporting country is indicated in brackets. When the occurrence of a pest in a given country is not known to the EPPO Secretariat, this is indicated by an asterisk (*).

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
Agromyza	Apium graveolens	Vegetables	Thailand	Switzerland	5
Aleurothrixus floccosus, Saissetia coffeae, Collembola	lxora	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Aleyrodidae	Eryngium foetidum	Vegetables	Thailand	France	1
Anoplophora chinensis	Acer Acer palmatum	Plants for planting Plants for planting	China China	Netherlands Netherlands	1 3
Aphis spiraecola	Unspecified	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Bemisia	Argyranthemum Eryngium foetidum Lantana camara	Cuttings Vegetables (leaves) Cuttings	Israel Thailand Israel	United Kingdom Sweden United Kingdom	1 1 1
Bemisia tabaci	Adenium Anubias barteri Anubias barteri Apium graveolens, Eryngium foetidum, Ocimum basilicum, Ocimum tenuiflorum	Plants for planting Aquarium plants Aquarium plants Vegetables	Spain (Canary Isl.) Singapore Spain (Canary Isl.) Thailand	Spain United Kingdom Switzerland Denmark	1 1 1 1
	Aster Capsella bursa-pastoris Capsella bursa-pastoris Eryngium foetidum Eryngium foetidum Eryngium foetidum Hemigraphis Hibiscus Hygrophila Hygrophila angustifolia Hygrophila polysperma	Cut flowers Cut flowers Cut flowers Vegetables (leaves) Vegetables (leaves) Vegetables (leaves) Plants for planting	Egypt Israel Israel Thailand Thailand Vietnam Singapore Côte d'Ivoire Singapore Singapore Sri Lanka Singapore	Netherlands Cyprus Cyprus Denmark France France United Kingdom Belgium United Kingdom United Kingdom United Kingdom United Kingdom United Kingdom	1 1 1 37 2 1 1 1 1

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
B. tabaci (cont.)	Hygrophila salicifolia Hygrophila siamensis Lantana camara Limnophila Manihot esculenta Metrosideros Murraya Ocimum basilicum Ocimum basilicum Ocimum basilicum Ocimum basilicum Ocimum basilicum Ocimum sanctum Piper sarmentosum Rosa Scaevola Scaevola	Plants for planting Aquarium plants Cuttings Vegetables (leaves) Cut flowers Cuttings Cuttings	Singapore Singapore Kenya Thailand Congo Israel India Israel Israel Israel Thailand Thailand Thailand Morocco Israel Israel	United Kingdom France Finland France France Netherlands Ireland France Ireland Switzerland France France United Kingdom United Kingdom	2 1 1 1 2 1 1 1 3 1 11 1 1 1 1 1 1 4
Bemisia tabaci, Opogona sacchari, Pinnaspis strachani, Lepidoptera	Hibiscus	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Bemisia, Liriomyza	Ocimum	Vegetables (leaves)	Thailand	Germany	1
Bephratelloides	Annona muricata	Fruits	Dominican Rep.	Spain	1
Botryosphaeria rhodina, Colletotrichum	Passiflora edulis	Fruits	Dominican Rep.	Spain	1
Chrysomphalus dictyospermi, Eutetranychus, Icerya purchasi, Lecanoideus floccissimus, Psocoptera	Areca	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Citrus exocortis viroid	Solanum jasminoides	Plants for planting	Netherlands	Belgium	1
Clavibacter michiganensis subsp. michiganensis	Lycopersicon esculentum Lycopersicon esculentum	Plants for planting Seeds	Poland Thailand	Latvia France	1 1
Clavibacter michiganensis subsp. michiganensis, Xanthomonas axonopodis pv. vesicatoria	Capsicum annuum	Seeds	China	Italy	2
Coccidae	Annona Unspecified	Fruits Vegetables	Pakistan Sri Lanka	Italy Cyprus	1 6
Cryphonectria parasitica	Castanea sativa	Plants for planting	France	Ireland	1
Diaphania indica, Thrips	Momordica charantia, Solanum melongena	Vegetables	Kenya	Germany	1
Diptera, Hemiptera, Saissetia, Pseudococcidae,	Ruellia	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Ditylenchus dipsaci, Aphelenchoides, Helicotylenchus, Pratylenchus penetrans	Unspecified	Plants for planting	Iran	Germany	1
Entomobryidae	Ananas comosus	Fruits	Brazil	Spain	1
Formica	Mangifera	Fruits	Indonesia	Germany	1
Frankliniella occidentalis	Pelargonium	Cuttings	Spain (Canary Isl.)	Germany	2
Guignardia citricarpa	Citrus maxima Citrus sinensis Citrus sinensis	Fruits Fruits Fruits	Bangladesh Argentina Ghana	United Kingdom Netherlands United Kingdom	1 1 1
<i>Helicoverpa armigera,</i> Pyralidae, Thripidae	Amaranthus	Vegetables	Bangladesh	United Kingdom	1

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
Hirschmanniella	Cryptocoryne petchii Vallisneria gigantea Vallisneria spiralis	Aquarium plants Aquarium plants Aquarium plants	Singapore Singapore Singapore	France France France	1 1 1
Lasioderma serricorne	Herb mixture	Stored products	Vietnam	Germany	1
Lepidoptera	Alternanthera sessilis, unknown species	Vegetables	Sri Lanka	Cyprus	1
	Centella asiatica	Vegetables (leaves)	Sri Lanka	Cyprus	1
	Ipomoea aquatica	Vegetables (leaves)	Sri Lanka	Cyprus	4
	Ipomoea aquatica, unknown species	Vegetables	Sri Lanka	Cyprus	1
	Microsorium pteropus, Pistia stratiotes	Plants for planting	Indonesia	Italy	2
	Murraya paniculata	Vegetables	Sri Lanka	Cyprus	5
	Solanum melongena	Vegetables	Bangladesh	Italy	1
	Solanum, Murraya paniculata	Vegetables	Sri Lanka	Cyprus	1
	Unspecified	Vegetables	Sri Lanka	Cyprus	4
Leucinodes orbonalis	Solanum	Vegetables	Sri Lanka	Cyprus	1
	Solanum	Vegetables	Thailand	Germany	1
	Solanum aethiopicum	Vegetables	Ghana	Germany	6
	Solanum melongena	Vegetables	Thailand	Germany	3
Leucinodes orbonalis, Lepidoptera	Solanum, Ipomoea aguatica	Vegetables	Sri Lanka	Cyprus	1
7	Solanum, Murraya paniculata	Vegetables	Sri Lanka	Cyprus	1
	Solanum, Spondias cytherea	Vegetables	Sri Lanka	Cyprus	1
Liriomyza	Apium graveolens	Vegetables	Thailand	Denmark	5
•	Apium graveolens	Vegetables	Thailand	Sweden	2
	Apium graveolens	Vegetables	Vietnam	Denmark	1
	Apium graveolens, Ocimum americanum	Vegetables	Thailand	Denmark	1
	Artemisia	Vegetables (leaves)	Vietnam	Czech Republic	1
	Chrysanthemum	Leaves	Vietnam	Czech Republic	1
	Chrysanthemum coronarium	Vegetables (leaves)	Vietnam	Czech Republic	1
	Gypsophila	Cut flowers	Israel	Belgium	1
	Lepidium Mangifera indica, Momordica charantia,	Cut flowers Fruits and vegetables	Israel Thailand	Czech Republic Czech Republic	1
	Ocimum basilicum Ocimum	Vegetables (leaves)	Thailand	Czech Republic	1
	Ocimum americanum	Vegetables (leaves)	Thailand	Denmark	8
	Ocimum americanum	Vegetables (leaves)	Thailand	France	3
	Ocimum americanum	Vegetables (leaves)	Thailand	Sweden	12
	Ocimum americanum, Ocimum	Vegetables (leaves)	Thailand	Denmark	2
	Ocimum basilicum	Vegetables (leaves)	Kenya	United Kingdom	2
	Ocimum basilicum Ocimum basilicum	Vegetables (leaves) Vegetables (leaves)	Thailand Thailand	France Sweden	27 2
	Ocimum basilicum	Vegetables (leaves)	Thailand	United Kingdom	3
	Ocimum basilicum	Vegetables (leaves)	Vietnam	Switzerland	1
	Ocimum sanctum	Vegetables (leaves)	Thailand	Sweden	1
	Spinacia	Vegetables (leaves)	Congo	France	1
Liriomyza huidobrensis	Eryngium	Cut flowers	Kenya	Netherlands	3
	Gypsophila	Cut flowers	Ecuador	Netherlands	1
	Gypsophila	Cut flowers	Kenya	Netherlands	4
	Gypsophila paniculata Trachelium	Cut flowers Cut flowers	Kenya Ecuador	Netherlands Netherlands	1 2
Liriomyza sativae	Ocimum basilicum	Vegetables (leaves)	India	Netherlands	1
	Ocimum basilicum Trigonella	Vegetables (leaves) Vegetables (leaves)	Thailand India	France France	2 1
		. 290.00.00 (100.00)			

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
Liriomyza trifolii	Ocimum basilicum	Vegetables (leaves)	Israel	Belgium	1
Liriomyza, Thysanoptera	Apium graveolens, Momordica charantia	Vegetables	Vietnam	Switzerland	1
Meloidogyne	Enkianthus perulatus Osmanthus Polyscias fructicosa, Adenium, Ficus, Isatis, Roystonea regia Punica granatum	Plants for planting Plants for planting Plants for planting Plants for planting	Japan Japan Vietnam Turkey	Belgium Belgium Czech Republic	1 1 1
	Schefflera arboricola	Plants for planting	USA	Netherlands	1
Meloidogyne, Xiphinema	Enkianthus perulatus	Plants for planting	Japan	Belgium	1
Metamasius, Blattodea, Orthoptera, Platyhelminthes	Phoenix roebelenii	Plants for planting	Costa Rica	United Kingdom	1
Opogona sacchari	Crassula	Plants for planting	Spain (Canary Isl.)	Spain	1
Opogona sacchari, Phytoseiidae, Formicidae, Lepidoptera, Oribatida	Cyperus	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Paysandisia archon	Chamaerops humilis	Plants for planting	Spain	Bulgaria	1
Pepino mosaic virus	Lycopersicon esculentum	Seeds Seeds Seeds Seeds Vegetables Seeds Seeds Seeds Seeds	China China India Israel Morocco Senegal Thailand USA	France Poland France France Sweden France France France France	2 1 2 1 1 1 9
Phyllocnistis citrella	Citrus hystrix	Fruits	Thailand	United Kingdom	1
Phyllosticta citriasiana	Citrus maxima	Fruits	China	Spain	1
Pratylenchus	Camellia sasanqua Ilex crenata Taxus cuspidata	Plants for planting Plants for planting Plants for planting	Japan Japan Japan	Belgium Belgium Belgium	1 1 1
Pratylenchus, Trichodoridae, Xiphinema	llex crenata	Plants for planting	Japan	Belgium	1
Pratylenchus, Xiphinema	llex crenata	Plants for planting	Japan	Belgium	1
Pseudaulacaspis cockerelli	Strelitzia reginae	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Pseudococcidae	Rhizophora Unspecified	Seeds Leaves	Thailand Thailand	Germany Germany	1 1
Pseudococcidae, Formicidae, Collembola, Oribatida	Canna	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Pseudococcidae, Thyrophagus	Morus	Plants for planting	Iran	Germany	1
Radopholus similis	Anubias barteri	Aquarium plants	Thailand	France	1
Ralstonia solanacearum	Solanum tuberosum Solanum tuberosum Solanum tuberosum	Ware potatoes Ware potatoes Ware potatoes	Bangladesh Egypt Egypt	United Kingdom Croatia Netherlands	2 1 1
Rhizoecus dianthi, Formicidae, Oribatida	Lantana camara	Plants for planting	Spain (Canary Isl.)	United Kingdom	1
Seiridium cardinale	Cupressocyparis leylandii	Plants for planting	Italy	Cyprus	1
	Cupi coccoypano loyianan	rianto for planting	italy	Oypius	•

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
S.littoralis (cont.)	Rosa	Cut flowers	Kenya	Netherlands	3
,	Rosa	Cut flowers	Uganda	Netherlands	2
	Rosa	Cut flowers	Zambia	Netherlands	3
	Rosa	Cut flowers	Zimbabwe	Netherlands	27
	Solidago	Cut flowers	Zambia	Netherlands	1
Spadantara litura	lvoro	Dianta for planting	Thailand	Nothorlanda	1
Spodoptera litura	Ixora Rosa	Plants for planting Cut flowers	India	Netherlands Netherlands	1
	Unspecified	Aquarium plants?	Singapore	Netherlands	1
	Onspecified	Aquanum plants:	Siligapore	Netherlands	'
Thripidae	Momordica	Vegetables	Bangladesh	United Kingdom	1
	Momordica balsamina	Vegetables	Dominican Rep.	United Kingdom	1
	Momordica charantia	Vegetables	Dominican Rep.	United Kingdom	1
	Orchidaceae	Cut flowers	Thailand	United Kingdom	1
Thrips	Dendrobium	Cut flowers	Thailand	Germany	1
	Momordica	Vegetables	India	Germany	2
	Momordica	Vegetables	Thailand	Sweden	2
	Momordica charantia	Vegetables	India	Germany	2
	Pelargonium	Cuttings	Spain (Canary Isl.)	Germany	4
Thrips palmi	Citrus, Ocimum basilicum	Leaves	Thailand	Netherlands	1
	Dendrobium	Plants for planting	Thailand	Austria	1
	Dendrobium	Cut flowers	Thailand	France	1
	Dendrobium	Cut flowers	Thailand	Netherlands	2
	Mangifera, Solanum	Fruits and vegetables	Surinam	Netherlands	1
	melongena	Vagatablaa	India	Curadan	4
	Momordica Momordica	Vegetables Vegetables		Sweden Sweden	1 3
	Momordica Momordica charantia	Vegetables	Thailand India	France	1
	Momordica charantia	Vegetables	Sri Lanka	Cyprus	1
	Momordica charantia,	Vegetables	Surinam	Netherlands	1
	Solanum melongena Momordica, Solanum	Vegetables	Bangladesh	Sweden	1
	melongena	Vogotabloo	Bangladoon	CWCGGH	•
	Solanum melongena	Vegetables	Surinam	Netherlands	3
	Solanum melongena	Vegetables	Thailand	Switzerland	1
	Solanum melongena, Solanum	Vegetables	Dominican Rep.	Netherlands	1
Thrips palmi, Lepidoptera	Ipomoea aquatica,	Vegetables	Sri Lanka	Cyprus	1
, , , , ,	Momordica charantia			• •	
	Momordica charantia, Coleus	Vegetables	Sri Lanka	Cyprus	1
	Momordica charantia, Murraya paniculata	Vegetables	Sri Lanka	Cyprus	1
	Momordica charantia,	Vegetables	Sri Lanka	Cyprus	1
	Murraya paniculata,	regetables	011 2411114	0) p. 00	•
	unknown species				
Thrips palmi, Thripidae	Momordica, Solanum	Vegetables	Dominican Rep.	United Kingdom	1
Tillips pallili, Tillipidae	melongena	vegetables	Dominican Kep.	Officea Kingaom	,
		6	0 1 (0 11)		
Thrips, Pseudococcidae	Pelargonium	Cuttings	Spain (Canary Isl.)	Germany	1
Thysanoptera	Dendrobium	Cut flowers	Malaysia	Switzerland	2
	Dendrobium	Cut flowers	Thailand	France	2
	Dendrobium	Cut flowers	Thailand	Switzerland	9
	Momordica charantia	Vegetables	Dominican Rep.	France	3
	Momordica charantia	Vegetables	Dominican Rep.	Switzerland	5
	Momordica charantia	Vegetables	India	Switzerland	1
	Momordica charantia Momordica charantia	Vegetables Vegetables	Sri Lanka Thailand	France France	1 17
	Momordica charantia	Vegetables	Thailand	Switzerland	10
	Momordica charantia,	Vegetables	Thailand	Switzerland	10
	Solanum melongena	, 090.0000		3 <u>2</u> 310110	
	Orchidaceae	Cut flowers	Thailand	Switzerland	1
	Solanum	Vegetables	Dominican Rep.	France	1
	Solanum melongena	Vegetables	Dominican Rep.	France	4
	Solanum melongena	Vegetables	Dominican Rep.	Switzerland	1
	Solanum melongena	Vegetables	Sri Lanka	France	1

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
Thysanoptera (cont.)	Solanum melongena Trigonella	Vegetables Vegetables (leaves)	Thailand India	France France	3 1
Tomato chlorotic dwarf viroid	Petunia Petunia	Cuttings Plants for planting	Israel Israel	Belgium Belgium	8 1
Tomato spotted wilt virus	Pelargonium	Plants for planting	Mexico	Germany	1
Tribolium	Ceratonia siliqua	Stored products	Tunisia	Spain	1
Trichodoridae, Criconematidae	Pinus pentaphylla	Plants for planting	Japan	Belgium	1
Trichodoridae, Xiphinema	llex crenata	Plants for planting	Japan	Belgium	2
Trichororidae	Enkianthus perulatus	Plants for planting	Japan	Belgium	1
Tuta absoluta	Lycopersicon esculentum Lycopersicon esculentum Lycopersicon esculentum	Vegetables Vegetables Vegetables	Greece Spain (Canary Isl.) Tunisia	Bulgaria United Kingdom France	1 5 1
Xanthomonas axonopodis pv. citri	Citrus Citrus Citrus aurantifolia	Fruits Leaves Fruits	Bangladesh Thailand Bangladesh	United Kingdom Netherlands United Kingdom	2 4 6
Xanthomonas axonopodis pv. vesicatoria	Capsicum annuum Capsicum annuum Lycopersicon esculentum Lycopersicon esculentum	Seeds Seeds Seeds Seeds	China India China China	Italy Italy Germany Italy	2 1 1 1
Xanthomonas fragariae	Fragaria ananassa	Plants for planting	Hungary	Germany	1

• Fruit flies

Pest	Consignment	Country of origin	Destination	nb
Anastrepha	Mangifera indica Mangifera indica	Dominican Rep. Peru	United Kingdom Netherlands	1 1
Bactrocera	Momordica charantia Ziziphus mauritiana	Bangladesh Thailand	Italy France	2 1
Bactrocera correcta	Syzygium samarangense	Thailand	France	1
Bactrocera cucurbitae	Momordica	Pakistan	Italy	1
Bactrocera cucurbitae, Lepidoptera	Momordica, Solanum melongena	Sri Lanka	Italy	1
Bactrocera dorsalis	Annona squamosa Annona squamosa Syzygium samarangense	Thailand Vietnam Thailand	France France France	1 2 1
Bactrocera invadens	Mangifera indica Mangifera indica Mangifera indica Mangifera indica Mangifera indica Mangifera indica	Burkina Faso Cameroon Côte d'Ivoire Kenya Mali Senegal	France France France France France France	3 1 1 1 1
Bactrocera zonata	Mangifera indica Mangifera indica	Pakistan Sri Lanka	United Kingdom Cyprus	1 1
Ceratitis capitata	Diospyros	Israel	United Kingdom	1
Dacus	Momordica	Ghana	United Kingdom	1
Tephritidae (non-European)	Annona Capsicum annuum	Vietnam Thailand	United Kingdom France	1 16

Pest	Consignment	Country of origin	Destination	nb
Tephritidae (non-European)	Capsicum frutescens	Thailand	France	5
	Citrus maxima, Mangifera	Surinam	Netherlands	1
	Mangifera	Thailand	Netherlands	1
	Mangifera indica	Dominican Rep.	United Kingdom	1
	Mangifera indica	Ghana	Netherlands	1
	Psidium guajava	Brazil	France	1
	Psidium guajava	India	France	1
	Psidium guajava	India	Switzerland	1
	Psidium guajava	Sri Lanka	Switzerland	1
	Psidium guajava	Sri Lanka	United Kingdom	1
	Syzygium	Vietnam	Netherlands	1

Wood

Pest	Consignment	Type of commodity	Country of origin	Destination	nb
Alphitobius, Sinoxylon	Unspecified	Wood packing material (pallets)	Vietnam	Germany	1
Andaspis hawaiiensis, Cerambycidae, Cryptolestes minutus, Curculionidae	-	Wooden objects	Indonesia	United Kingdom	1
Anoplophora glabripennis	Unspecified Unspecified	Wood packing material Wood packing material (crates)	China China	Germany Germany	1 1
Bostrichidae	Unspecified	Wood packing material (pallets)	Indonesia	Germany	1
Bostrichidae, Cerambycidae	Unspecified	Wood packing material (pallets)	China	Netherlands	3
Bostrichidae, Sinoxylon	Unspecified	Wood packing material (crates)	Thailand	Germany	1
Bursaphelenchus mucronatus	Unspecified Unspecified	Dunnage Dunnage and pallets	(Ukraine) Ukraine	Latvia Latvia	1 1
Bursaphelenchus xylophilus	Unspecified	Wood packing material	USA	Finland	2
Cerambycidae	Pinus sylvestris Unspecified	Wood and bark Wood packing material (pallets)	Mongolia China	France Germany	1
Grub holes > 3 mm	Pinus sylvestris	Wood and bark	Mongolia	France	1
Insecta	Coniferae	Wood packing material	Lithuania	Ireland	1
Minthea	Unspecified	Wood packing material (pallets)	Malaysia	Germany	1
Minthea, Sinoxylon	Unspecified	Wood packing material (pallets)	Malaysia	Germany	1
Monochamus	Coniferale Unspecified	Wood and bark Wood packing material (crates)	Mongolia China	France Poland	1
Scolytidae	Aucoumea klaineana Unspecified	Wood and bark Wood packing material	Congo India	Spain Germany	1 1
Sinoxylon	Unspecified	Wood packing material (pallets)	India	Germany	1
	Unspecified	Wood packing material (pallets)	Indonesia	Germany	2
	Unspecified	Wood packing material (pallets)	Malaysia	Germany	1

Bonsais

Pest	Consignment	Country of origin	Destination	nb
Helicotylenchus, Trichodorus	Ficus, Podocarpus, Sageretia thea, Serrisa, Zanthoxylum, Zelkova	China	United Kingdom	1
Helicotylenchus, Tylenchorhynchus	Ficus microcarpa	China	Netherlands	1
Rhizoecus hibisci	Ficus Sageretia thea	China China	Netherlands Netherlands	1 1
Xiphinema americanum	Pinus parviflora	Japan	Germany	1

Source: EPPO Secretariat, 2010-05.