

ADOPTED: 23 May 2023

doi: 10.2903/j.efsa.2023.8061

Update of the *Xylella* spp. host plant database – systematic literature search up to 31 December 2022

European Food Safety Authority (EFSA),
Davide Gibin, Luca Pasinato and Alice Delbianco

Abstract

This scientific report provides an update of the *Xylella* spp. host plant database, aiming to provide information and scientific support to risk assessors, risk managers and researchers dealing with *Xylella* spp. Upon a mandate of the European Commission, EFSA created and regularly updates a database of host plant species of *Xylella* spp. The current mandate covers the period 2021–2026. This report is related to the eighth version of the database published in Zenodo in the EFSA Knowledge Junction community, covering literature published from 1 July 2022 up to 31 December 2022, and recent Europhyt outbreak notifications. Informative data have been extracted from 21 selected publications. Twelve new host plants were identified and added to the database. Nine plant species were reported from Portugal and naturally infected by subsp. *multiplex* or unknown (i.e. not reported). Three plant species were successfully artificially infected by subsp. *fastidiosa*. No additional data were retrieved for *X. taiwanensis*, and no additional STs were identified worldwide. New information on the tolerant/resistant response of plant species to *X. fastidiosa* infection were added to the database. The overall number of *Xylella* spp. host plants determined with at least two different detection methods or positive with one method (between sequencing and pure culture isolation) reaches now 433 plant species, 197 genera and 68 families. Such numbers rise to 690 plant species, 306 genera and 88 families if considered regardless of the detection methods applied.

© 2023 European Food Safety Authority. *EFSA Journal* published by Wiley-VCH GmbH on behalf of European Food Safety Authority.

Keywords: *Xylella* spp., *Xylella fastidiosa*, host plants, database, data extraction, subspecies, sequence types

Requestor: European Commission

Question numbers: EFSA-Q-2022-00814

Correspondence: plants@efsa.europa.eu

Declarations of interest: If you wish to access the declaration of interests of any expert contributing to an EFSA scientific assessment, please contact interestmanagement@efsa.europa.eu.

Acknowledgements: EFSA wishes to acknowledge Claude Bragard (Chair of EFSA Panel of Plant Health) for reviewing this Scientific Report.

Suggested citation: EFSA (European Food Safety Authority), Gibin D, Pasinato L and Delbianco A, 2023. Scientific Report on the update of the *Xylella* spp. host plant database – systematic literature search up to 31 December 2022. *EFSA Journal* 2023;21(6):8061, 73 pp. <https://doi.org/10.2903/j.efsa.2023.8061>

ISSN: 1831-4732

© 2023 European Food Safety Authority. *EFSA Journal* published by Wiley-VCH GmbH on behalf of European Food Safety Authority.

This is an open access article under the terms of the [Creative Commons Attribution-NoDerivs](https://creativecommons.org/licenses/by-nd/4.0/) License, which permits use and distribution in any medium, provided the original work is properly cited and no modifications or adaptations are made.

EFSA may include images or other content for which it does not hold copyright. In such cases, EFSA indicates the copyright holder and users should seek permission to reproduce the content from the original source.



The EFSA Journal is a publication of the European Food Safety Authority, a European agency funded by the European Union.



Table of contents

Abstract.....	1
1. Introduction.....	4
1.1. Background and terms of reference as provided by the requestor.....	4
1.2. Interpretation of the terms of reference.....	4
2. Data and methodologies.....	4
2.1. Extensive literature search.....	4
2.1.1. Information sources.....	5
2.1.2. Search terms.....	5
2.2. Study selection.....	6
2.3. Data extraction.....	7
2.4. Data warehouse.....	9
2.4.1. Data management.....	9
2.4.2. Data reporting.....	9
3. Results.....	10
3.1. Results of the literature review.....	10
3.2. Update of records already included in the database.....	11
3.3. Host plant species of <i>Xylella</i> spp.....	11
3.4. <i>X. fastidiosa</i> sequence types and host plants association.....	13
3.5. Tolerant and resistant responses of plant species.....	13
4. Conclusions.....	16
References.....	16
Abbreviations.....	17
Appendix A – Host plant species naturally infected.....	18
Appendix B – Host plant species artificially infected.....	35
Appendix C – Host plant species infected in unspecified conditions.....	44
Appendix D – <i>Xylella fastidiosa</i> Multilocus sequence types.....	46
Appendix E – References included in this update.....	71
Annex A – Links to data and interactive reports.....	73

1. Introduction

1.1. Background and terms of reference as provided by the requestor

In the context of Article 31 of Regulation (EC) No 178/2002, EFSA was asked by the European Commission DG SANTE to provide technical assistance in the field of plant health as regards the regulated harmful organism *Xylella fastidiosa*, as per letter to EFSA's Director dated 30 June 2016 (Reference ARES (2016) 3126989).

EFSA was requested to further specify and update the host plants database of *X. fastidiosa* available in 2016 (EFSA, 2016) taking into account the different *X. fastidiosa* subspecies and strains (with particular reference to the European isolates), with the inclusion of information on non-susceptible plants and varieties and negative results of diagnostic tests when available. EFSA was requested to maintain and update this database periodically and to make new releases available on the EFSA website, together with a Scientific Report. The database should focus on plants confirmed to be infected by at least two detection methods in field conditions or via vector transmission under experimental conditions. Such request was for the period 2016–2020.

This mandate was extended by the European Commission DG SANTE for the period 2021–2026, with the aim to continue the update of that database. EFSA is requested to deliver two updates per year of the database.

1.2. Interpretation of the terms of reference

EFSA delivered in September 2018 a renovated database of host plants of *Xylella* spp., taking into account both species of the genus *Xylella* (*X. fastidiosa* and *X. taiwanensis*) (EFSA, 2018), which was last updated in January 2023 (EFSA, 2023). Raw data and interactive reports were published in Zenodo¹ in the EFSA Knowledge Junction community and in Microstrategy² platform, together with a Scientific Report.

As per terms of reference (ToR), EFSA was requested to maintain and update the *Xylella* spp. host plant database for the period 2021–2026, and to publish new releases online together with a report twice per year. This scientific report provides a new update on the database of host plants of *Xylella* spp. published in January 2023 (EFSA, 2023). An extensive literature search was conducted to retrieve recent publications on the topic and new informative data on host plant species of *Xylella* spp. were collected. Such report provides information on the literature review and a detailed view on the currently known host plants of *Xylella* spp.

2. Data and methodologies

The methodologies developed for the *Xylella* spp. host plant database published in 2018 (EFSA, 2018) were applied in this report.

The process was divided in the following steps:

- Extensive literature search to identify relevant references.
- Selection of studies based on title, abstract and full text.
- Data extraction of relevant information.
- Data analysis and reporting.

2.1. Extensive literature search

The review question, 'Which plant species can host *Xylella* / *Xylella* associated disease?' was broken down into key stages using the P/O conceptual model described in the EFSA systematic review guidance (EFSA, 2010):

- Population of interest (P)

The population of interest is that of plant species, worldwide.

- Outcome (condition of interest) (O)

The outcome (condition of interest) is that of *Xylella* spp. infection.

¹ <https://doi.org/10.5281/zenodo.1339343>

² <https://www.efsa.europa.eu/en/microstrategy/xylella>

Two main elements were considered for the extensive literature search: The sources of information (Table 1) to be consulted and the search strategy (Table 2).

2.1.1. Information sources

The search strategy was run in all databases listed in Table 1 via the Web of Science (Clarivate Analytics) and Scopus platforms with no language or document type restriction.

Table 1: Sources of information

Database	Platform
Scopus	Scopus
BIOSIS Citation Index	Web of Science
CABI: CAB Abstracts®	
Chinese Science Citation DatabaseSM	
Current Contents Connect	
FSTA® – the food science resource	
KCI-Korean Journal Database	
MEDLINE®	
Russian Science Citation Index	
SciELO Citation Index	
Web of Science Core Collection	
<ul style="list-style-type: none"> • Science Citation Index Expanded • Social Sciences Citation Index • Arts & Humanities Citation Index • Conference Proceedings Citation Index – Science • Conference Proceedings Citation Index – Social Science & Humanities • Book Citation Index – Science • Book Citation Index – Social Sciences & Humanities • Emerging Sources Citation Index • Current Chemical Reactions • Index Chemicus 	
Zoological Record	

2.1.2. Search terms

The syntax of the search string, developed for the *Xylella* spp. host plants database published in 2018 (EFSA, 2018), was adapted and run into each platform databases listed in Table 1 on 1 February 2023. As the scope of the search was to retrieve references published after June 2022, the selected time span was from 1 July 2022 up to 31 December 2022. The search strings and the number of retrieved references are shown in Table 2.

Table 2: Search strings and results

Platform	Query	Results
Scopus	(TITLE-ABS-KEY (xylella OR xyllela OR xylela OR (pierce* W/2 disease) OR (((plum OR plums) AND "leaf scald*")) OR ((phony W/2 (peach* OR disease*))) OR ((citrus AND variegat* AND chlorosis)) OR crespere OR "almond leaf scorch*" OR "bacterial leaf scorch*" OR "coffee leaf scorch*" OR "mulberry leaf scorch*" OR "oleander leaf scorch*" OR "sycamore leaf scorch*" OR "Periwinkle wilt" OR "Ragweed stunt" OR ((olive W/50 "quick decline syndrome")) OR "Xylem inhabiting bacteri*" OR "Xylem limited bacteri*" OR fxib OR fxjb OR "rickettsialike bacteri*" OR "rickettsia like bacteri*")) AND (ORIG-LOAD-DATE > 20220701 AND ORIG-LOAD-DATE < 20221231))	69
Web of Science	TS=(xylella OR xyllela OR xylela OR (pierce* NEAR/2 disease) OR (((Plum OR plums) AND "leaf scald*")) OR ((Phony NEAR/2 (peach* OR disease*))) OR ((citrus AND variegat* AND chlorosis)) OR crespere OR "almond leaf scorch*" OR "bacterial leaf scorch*" OR "coffee leaf scorch*" OR "mulberry leaf scorch*" OR "oleander leaf scorch*" OR "sycamore leaf scorch*" OR "Periwinkle wilt" OR "Ragweed stunt" OR	95

Platform	Query	Results
	((Olive NEAR "quick decline syndrome") OR "Xylem inhabiting bacteri*" OR "Xylem limited bacteri*" OR FXIB OR FXJB OR "rickettsialike bacteri*" OR "rickettsia like bacteri*")	

The collected references were downloaded and imported into an EndNote X9 library (Clarivate Analytics). Duplicates and references already included in the update published in January 2023 (EFSA, 2023) were removed using EndNote X9 and the remaining references were uploaded on DistillerSR online³ together with the full texts in portable document format (pdf).

Twenty-four Europhyt outbreak notifications⁴ (accessed on 1 March 2023) were also included.

2.2. Study selection

The collected references were screened for relevance in two steps:

- 1) Title and abstract screening.
- 2) Full-text screening of the references that passed the first step.

Inclusion/exclusion criteria were applied in each step and two reviewers worked in parallel screening the references.

The first step required the reviewers to answer two questions, listed in Table 3, considering only title and abstract of the references. The aim of this step was to select only references presenting original research data on *Xylella* or *Xylella*-associated disease.

Table 3: Inclusion/exclusion criteria for title and abstract screening

Question text	Type of answer	Answer text	Exclusion criteria
Is <i>Xylella</i> /a <i>Xylella</i> associated disease/a <i>Xylella</i> synonym the topic of the study?	Only one of the possible alternative answers can be selected	Yes	Included
		No	Excluded
Is it a primary research study?	Only one of the possible alternative answers can be selected	Yes	Included
		No	Excluded

The references that passed the first step, were submitted to the full text screening. This second step required the reviewers to answer four questions (Table 4): three of them are descriptive (neutral) whereas the fourth has an inclusion/exclusion role.

Table 4: Inclusion/exclusion criteria at full text screening

Question text	Type of answer	Answer text	Exclusion criteria
Is an English abstract present?	Only one of the possible alternative answers can be selected	Yes	Neutral
		No	Neutral
Which is the type of the publication?	Only one of the possible alternative answers can be selected	Peer-reviewed article	Neutral
		Article	Neutral
		Book	Neutral
		Conference proceedings	Neutral
		Abstract	Neutral
		Technical publication/Report	Neutral
Is the <i>Xylella</i> host plant the main scope of the study?	Only one of the possible alternative answers can be selected	Yes	Neutral
		No	Neutral

³ <https://www.evidencepartners.com/>

⁴ https://food.ec.europa.eu/plants/plant-health-and-biosecurity/europhyt/network_en

Question text	Type of answer	Answer text	Exclusion criteria
Is <i>Xylella</i> /a <i>Xylella</i> -associated disease/a <i>Xylella</i> synonym studied in association with a host plant?	Only one of the possible alternative answers can be selected	Yes	Included
		No	Excluded

2.3. Data extraction

Informative data listed in Table 5 were extracted from the selected references. For each reference, the first reviewer performed the data extraction whereas the second reviewer conducted the quality check of the extracted data. Data extraction from each reference can generate one or several records. A record is defined as a unique combination of data related to a detection event, and it corresponds to a single Excel row of the files published in Zenodo (see Section 2.4.1).

Table 5: Data extraction structure

Extracted data	Description
General information	<i>In this section, the general information about the study is reported</i>
RecordID	Unique number allocated to each row
RefID	Unique number allocated to each reference within the DistillerSR software
Reference	Full reference
Publication year	Year of the publication
Starting year	Starting year of the study, as reported in the publication
Ending year	Ending year of the study, as reported in the publication
Botanical identification	<i>The botanical identification of the plant, both as reported in the publication and according to the updated taxonomy of the EPPO Global Database,^(a) is reported in this section</i>
Plant EPPO code	EPPO code of the plant species, from the EPPO global database. ^(a) For plant species not present in the EPPO global database, a new code was created in the EFSA catalogue.
Plant family	Plant family, from the EPPO global database ^(a)
Plant genus	Plant genus, from the EPPO global database ^(a)
Plant species	Plant species, from the EPPO global database ^(a)
Reported plant species	Name of the plant species as reported in the publication
Common name	Common name of the plant species, as reported in the publication
Cultivar	Cultivar or plant variety, as reported in the publication
Infection information	<i>Detailed information about the infection and location of the plant is reported in this section</i>
Infection method (Level 1)	The infection of the plant can be natural, artificial or not specified
Infection method (Level 2)	Subcategories of natural infection: during survey activity, during research activity. 'Research activity' is used when plants are planted under natural inoculum pressure and infection development was monitored without interfering. Subcategories of artificial infection: mechanical inoculation (detailed at level 3a), vector transmission (detailed at level 3b)
Mechanical inoculation (Level 3a)	Subcategories of mechanical inoculation: budding, grafting, needle, root uptake, stem absorption, syringe
Infection vector species (Level 3b)	Insect species used in artificial vector transmission
Location type	The place where the plant was placed: natural habitat, greenhouse, screenhouse, interception, not specified
Geographic information	<i>In this section, the geographical location of the plant is reported, as detailed as possible. In case of intercepted plants, the reported location is the geographical origin of the plant and not the country and location where it was intercepted.</i>
Country code	From the EFSA catalogue, based on NUTS (Eurostat) and GAUL (FAO) territorial unit nomenclature

Extracted data	Description
Country	From the EFSA catalogue, based on NUTS (Eurostat) and GAUL (FAO) territorial unit nomenclature
Location	Location description (state/region/province/municipality) from the EFSA catalogue, based on NUTS (Eurostat) and GAUL (FAO) territorial unit nomenclature
Additional Location	Additional information on the location, as reported in the publication
Coordinates precision	Coordinates as reported in the publication
Latitude	Latitude, as reported in the publication
Longitude	Longitude, as reported in the publication
Pest description	
Pest EPPO code	EPPO code of the pest, from the EPPO global database ^(a)
Pest species	Name of <i>Xylella</i> spp., from the EPPO global database ^(a)
Pest subspecies	<i>Xylella fastidiosa</i> subspecies, from the EPPO global database. ^(a) If the subspecies is inferred from another publication, a note is added to comment on the genotyping
Reported pest	Name of <i>Xylella</i> spp. as reported in the publication. Names used before the genus <i>Xylella</i> was established (up to 1987): Alfalfa dwarf virus, Morus suffodiens virus, Phony peach bacterium, Pierce's disease bacterium, Pierce's disease virus, <i>Rickettsia</i> -like bacteria, Rod-shaped bacteria, Xylem-inhabiting bacteria. Names used from 1987 (when the genus <i>Xylella</i> was established): <i>Xylella fastidiosa</i> , <i>Xylella taiwanensis</i>
Disease	Name of the disease caused by <i>Xylella</i> spp., as reported in the publication: Alfalfa dwarf, Almond leaf scorch, Bacterial leaf scorch, Blueberry bacterial leaf scorch, Citrus variegated chlorosis, Coffee leaf scorch, Coffee stem atrophy, Crespera, Elm leaf scorch, Leaf scorch disease, Mulberry leaf scorch, Oleander leaf scorch, Olive quick decline syndrome, Pear leaf scorch, Pecan bacterial leaf scorch, Periwinkle wilt, Phony peach disease, Pierce's disease, Plum leaf scald, Potato purple top disease, Ragweed stunt, Sweetgum dieback, Sycamore leaf scorch
Strain	Name of the strain of <i>Xylella</i> spp., as reported in the publication
MLST (Multilocus sequence type)	Sequence type (ST) of <i>Xylella fastidiosa</i> , as reported in the publication. If the ST is inferred from another publication, a note is added in the genotyping comment
Genotyping comment	Comment or additional information regarding the pest
Methods of identification	
	<i>In this section, the identification methods applied to detect Xylella spp. infection are listed. Eight detection methods were considered and for each of them, the outcome of the analysis (positive or negative), together with the number of infected plants and the total number of analysed plants, were reported. Moreover, additional information could be added in the comment column beside each detection method</i>
Symptoms	Observation of symptoms in the plant, as reported in the publication
Symptoms expression in test plants	Observation of symptom development in test plants after an attempt to transmit the pathogen through vectors
Culture	Pure culture isolation (i.e. isolation of cultivable bacteria from tissue samples on solid culture media)
Microscopy	Observation of <i>Xylella</i> spp. bacteria through microscopic analysis techniques
ELISA	Enzyme-linked immunosorbent assay
Other immunological techniques	Immunological techniques other than ELISA
PCR-based methods	Polymerase chain reaction-based methods (PCR, nested PCR, qPCR, etc.)
Sequencing	Sequence analysis
Host status	
Tolerance/Resistance reported	Tolerant/resistant status of the plant, as reported in the publication
Tolerance/Resistance category	Categories describing the response of the tolerant/resistant plant: lack of infection or negative reading, lack of systemic movement, lack or reduction of symptoms, lack or reduction of symptoms – lower bacterial population, lack or

Extracted data	Description
	reduction of symptoms – lower bacterial population – lower disease incidence, lack or reduction of symptoms – lower disease incidence, lower bacterial population, lower bacterial population – lower disease incidence, lower disease incidence, infection not persistent, reported as tolerant/resistant (no details)
Tolerance/Resistance comment	Comment on the tolerant/resistant response of the plant, as reported in the publication
Additional information	
Comment	Additional relevant information or comment on the study
Confirmed record	'Yes' for confirmed records, 'No' for unconfirmed/dubious records. Unconfirmed records were included in the data extraction but excluded from the data analysis

(a): <https://gd.eppo.int/>

2.4. Data warehouse

A harmonised data model has been established to collect data on *Xylella* spp. host plants. The aim was to establish a harmonised data flow for the collection and the collation of an extensive literature review generated data in the plant health domain. Data are stored in EFSA Scientific Data Warehouse (S-DWH), after that an ETL (Extract, Transform, Load) procedure is applied in order to harmonise and calculated the statistics.

2.4.1. Data management

The collected data have been submitted to the EFSA Data Collection Framework (DCF). DCF is the upfront system in the EFSA pipeline of data collection tools and allows a first step of harmonisation against the EFSA controlled reference terminology (aka EFSA catalogues). Data have been then included in the S-DWH by means of a standardised Extract Transform Load (ETL) procedure and they have been further analysed and managed to generate needed statistics.

Data are available as interactive reports on the Microstrategy platform at the following link: <https://www.efsa.europa.eu/en/microstrategy/xylella>

Raw data and related metadata are published in Zenodo in the EFSA Knowledge Junction community, this report refers to **version 8** (<https://doi.org/10.5281/zenodo.1339343>).

2.4.2. Data reporting

Data reporting was designed to distinguish the *Xylella* spp. host plant species, based on the number and type of detection methods applied for each finding. Different combinations of detection methods were considered:

- A.** Plant species positive with at least two detection methods (among symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation).
- B.** The same as point A, but also including microscopy: plant species positive with at least two detection methods (among microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation).
- C.** Plant species positive with at least one detection method (among symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- D.** Plant species positive with at least one detection method including microscopy (microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- E.** All positive plant species reported, regardless of the detection methods (positive records but without the detection method specified, symptom observations, microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing, pure culture isolation).

3. Results

3.1. Results of the literature review

The extensive literature search was conducted on 1 February 2023 on Web of Science and Scopus platforms and 164 references were collected. Duplicates and references already included in EFSA (2023) were removed and 111 references were uploaded in DistillerSR and screened for relevance. Results of the screening process are shown in Figure 1.

In the first step, i.e. title and abstract screening, 68 references were excluded either because they do not focus on *Xylella* or *Xylella*-associated diseases and/or they are not primary research studies. The selected 43 references were subjected to the second step of the screening process, i.e. the full-text screening. Twenty-one references, in which *Xylella* spp. are studied in association with a host plant, were selected. Twenty-four Europhyt outbreak notifications⁵ containing informative data were also included in the data extraction. Totally, 45 references (listed in Appendix E) were included in this update of the database and from which informative data listed in Table 5 were extracted.

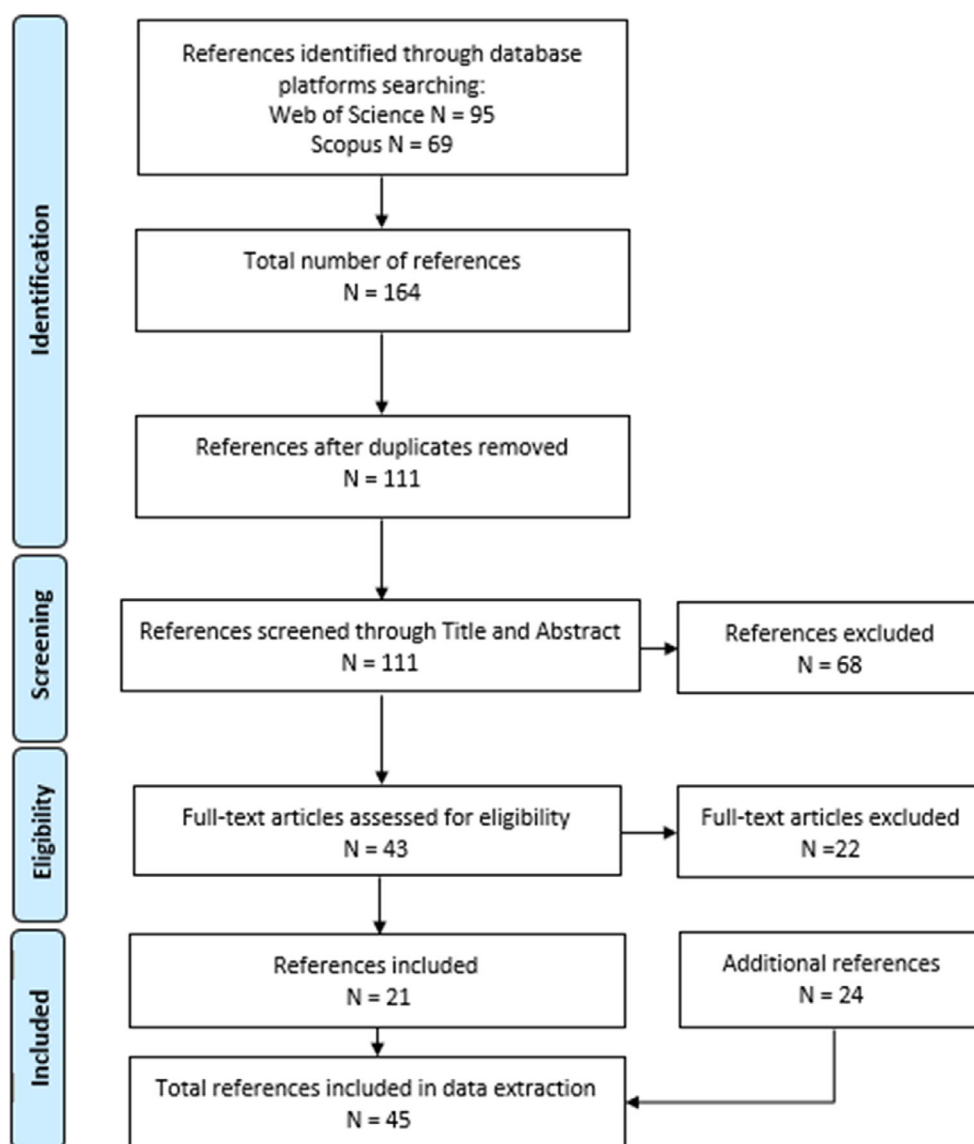


Figure 1: Flow diagram of the screening process

⁵ https://food.ec.europa.eu/plants/plant-health-and-biosecurity/europhyt/network_en

3.2. Update of records already included in the database

Scientific names of plant species, genera and families are reported, as far as possible, according to the taxonomy of the EPPO Global Database (EPPO, 2023) that is constantly being updated. Therefore, changes of scientific names of plant species, genera and families in the *Xylella* spp. host plant database are related to the update of the taxonomy in the EPPO Global Database.

Records referring to Europhyt outbreak notifications, that may contain incomplete data, are updated whenever additional information (e.g. further identification of the plant species, *X. fastidiosa* subspecies, ST) become available. The plant species *Rhamnus* sp. (EPPO code 'RHASS') and *Spartium* sp. ('SPUSS') reported in Europhyt outbreak notification n. 1157 (Update 4) have been modified in *Rhamnus alaternus* ('RHAAL') and *Spartium junceum* ('SPUJU'), respectively, following communication received by the French NPPO.

3.3. Host plant species of *Xylella* spp.

The updated numbers of host plant species, genera and families (according to the different categories reported in Section 2.4.2) are reported in Figure 2 and Table 6. The number of plant species raised to 433 according to category A [i.e. plant species positive with at least two detection methods (among: symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between: sequencing, pure culture isolation)] to 690 plant species of category E (i.e. all positives plant species reported, regardless of the detection methods).

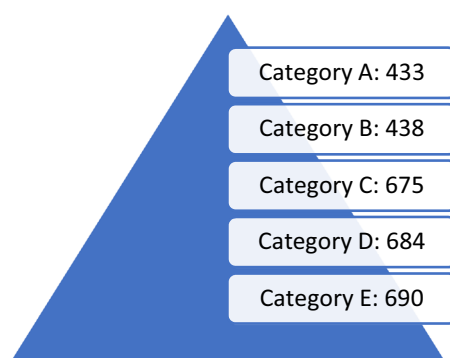


Figure 2: Number of host plant species according to the different categories (as described in Section 2.4.2). Plant species in category A are included in category B; plant species in category B are included in category C; plant species in category C are included in category D; plant species in category D are included in category E

Table 6: Number of host plant species, genera and families of *Xylella* spp. according to categories A, B, C, D, E (based on the detection methods applied – see Section 2.4.2)

	A	B	C	D	E
Number of host plant species	433	438	675	684	690
Number of host plant genera	197	198	305	305	306
Number of host plant families	68	68	88	88	88

Compared to the previous update of the database published in January 2023 (EFSA, 2023), 12 plant species (and two genera) were identified as new hosts of *X. fastidiosa*. Those plant species and genera were not previously reported in the database. Details of those new hosts of *X. fastidiosa* are summarised in Table 7.

Nine new plant species have been found to be naturally infected. All of them have been reported infected by *X. fastidiosa* in Portugal. The subspecies identified in those plants was *multiplex* (one plant species) or unknown (eight plant species). Artificial infection with *X. fastidiosa* subsp. *fastidiosa* has been successful in three new plant species belonging to Salicaceae family.

Table 7: New host plants of *X. fastidiosa*. For each host plant, the infection method, the country, the *X. fastidiosa* subspecies and the category (see Section 2.4.2) are reported. New plant species and new genera are highlighted in bold

Plant EPPO code	Plant family	Plant genus	Plant species	Infection method	Country	Xf subspecies	Category
CSNSA	Fagaceae	Castanea	<i>Castanea sativa</i>	Natural	Portugal	unknown	A
GENTR	Fabaceae	Genista	<i>Genista triacanthos</i>	Natural	Portugal	unknown	A
GRERS	Proteaceae	Grevillea	<i>Grevillea rosmarinifolia</i>	Natural	Portugal	unknown	A
LONPE	Caprifoliaceae	Lonicera	<i>Lonicera periclymenum</i>	Natural	Portugal	<i>multiplex</i>	A
MENSU	Lamiaceae	Mentha	<i>Mentha suaveolens</i>	Natural	Portugal	unknown	A
PLTHY	Platanaceae	Platanus	<i>Platanus</i> × <i>hispanica</i>	Natural	Portugal	unknown	A
POPTR	Salicaceae	Populus	<i>Populus tremula</i>	Artificial	–	<i>fastidiosa</i>	A
POPCN	Salicaceae	Populus	<i>Populus</i> × <i>canescens</i>	Artificial	–	<i>fastidiosa</i>	C
PYECO	Rosaceae	Pyracantha	<i>Pyracantha coccinea</i>	Natural	Portugal	unknown	A
QUEPN	Fagaceae	Quercus	<i>Quercus pyrenaica</i>	Natural	Portugal	unknown	A
SAXCP	Salicaceae	Salix	<i>Salix caprea</i>	Artificial	–	<i>fastidiosa</i>	C
ULEMC	Fabaceae	Ulex	<i>Ulex micranthus</i>	Natural	Portugal	unknown	A

The overall number of host plant species infected naturally, artificially and in unspecified conditions by the different *X. fastidiosa* subspecies and according to the different categories is reported in Tables 8, 9 and 10. The plant species behind the numbers shown in those tables are listed in Appendices A, B and C. In those appendices, the full lists of plant species infected by the different *X. fastidiosa* subspecies naturally, artificially and in not specified conditions according to the five categories are shown.

The highest number of plant species naturally infected is still recorded for *X. fastidiosa* subsp. *multiplex* (213 according to category A, up to 221 for category E), followed by subsp. *fastidiosa* and subsp. *pauca*. In artificial infection, 42 plant species (category A and 83 for category E) were successfully infected by *X. fastidiosa* subsp. *fastidiosa*. Twenty plant species were artificially infected by subsp. *pauca* and 19 by subsp. *multiplex* (category A), up to 33 and 36 for category E (for *pauca* and *multiplex*, respectively).

No new host plants were reported for the pathogen species *Xylella taiwanensis*, that so far was recorded only in *Pyrus pyrifolia* plants.

Table 8: Number of host plant species, naturally infected, susceptible to the different *X. fastidiosa* subspecies according to categories A, B, C, D, E (as described in Section 2.4.2)

Category	<i>fastidiosa</i>	<i>fastidiosa_sandyi</i>	<i>morus</i>	<i>multiplex</i>	<i>pauca</i>	<i>sandyi</i>	<i>tashke</i>	unknown
A	58	2	4	213	55	7	1	182
B	58	2	4	213	55	7	1	187
C	61	2	4	221	59	8	1	386
D	61	2	4	221	59	8	1	392
E	61	2	4	221	59	8	1	403

Table 9: Number of host plant species, artificially infected, susceptible to the different *X. fastidiosa* subspecies according to categories A, B, C, D, E (as described in Section 2.4.2)

Category	<i>fastidiosa</i>	<i>morus</i>	<i>multiplex</i>	<i>pauca</i>	<i>sandyi</i>	<i>tashke</i>	unknown
A	42	2	19	20	5	0	89
B	43	2	19	21	5	0	94
C	82	2	35	33	11	1	202
D	82	2	35	33	11	1	208
E	83	2	36	33	11	1	216

Table 10: Number of host plant species, infected in unspecified conditions, susceptible to the different *X. fastidiosa* subspecies according to categories A, B, C, D, E (as described in Section 2.4.2)

Category	<i>astidiosa</i>	<i>multiplex</i>	<i>pauca</i>	<i>sandyi</i>	unknown
A	7	13	8	1	16
B	7	13	8	1	18
C	7	16	8	2	27
D	7	16	8	2	29
E	7	16	8	2	31

3.4. *X. fastidiosa* sequence types and host plants association

The full list of plant species infected by the different *X. fastidiosa* sequence types (ST) under natural, artificial and unspecified conditions is reported in Appendix D. For each plant species, the number of records⁶ reporting infection by a specific ST is counted. For natural infection, the country where the plant species have been identified is also reported, whereas for artificial and unspecified infection only the total number of records is presented in the appendix.

Totally, 2,493 records reporting information on 265 plant species infected by 89 different STs have been reported in the database. No additional STs have been identified compared to the previous version of the database (EFSA, 2023). Most of the records (1,793) refer to natural infections that were reported in North, Central and South America (United States of America, Mexico, Honduras, Costa Rica, Ecuador, Brazil and Argentina), Asia (Israel) and Europe (Portugal, Spain, France and Italy). The highest number of records for artificial infections belongs to STs of subsp. *fastidiosa* and *pauca*, with 256 records registered for both subspecies. While ST1 (subsp. *fastidiosa*) remains the most used ST in artificial infections, now with 250 records, ST53 (subsp. *pauca*) is the most reported genotype in natural infections (475).

3.5. Tolerant and resistant responses of plant species

Information on tolerant and resistant response of plant species to *X. fastidiosa* infection have also been reported in the database. The list of plant genera and species for which tolerant and resistant response has been identified is reported in Table 11. Fifteen additional records that include this information have been inserted in the database compared to the previous version (EFSA, 2023). Information on tolerant/resistant status is available for 73 plant species with a total number of 728 records. The most studied genera remains *Vitis*, *Citrus* and *Prunus* (417, 175 and 70 records, respectively), confirming the important economic value of these crop plant species.

Table 11: Number of records reporting tolerant/resistant response for plant genus and species

Plant genus and species	Number of records
Arabidopsis	4
<i>Arabidopsis thaliana</i>	4
Citrus	175
<i>Citrus celebica</i>	1
<i>Citrus clementina</i>	4
<i>Citrus jambhiri</i>	2
<i>Citrus junos</i>	1
<i>Citrus latifolia</i>	1
<i>Citrus limettioides</i>	1
<i>Citrus limon</i>	14
<i>Citrus medica</i>	1
<i>Citrus natsudaoidai</i>	1
<i>Citrus paradisi</i>	5

⁶ 'Record' as defined in Section 2.3.

Plant genus and species	Number of records
<i>Citrus reticulata</i>	9
<i>Citrus reticulata</i> × <i>C. sinensis</i> × <i>C. paradisi</i>	1
<i>Citrus sinensis</i>	8
<i>Citrus</i> sp.	70
<i>Citrus tangerina</i>	32
<i>Citrus</i> × <i>nobilis</i>	11
<i>Citrus</i> × <i>tangelo</i>	13
Coffea	5
<i>Coffea arabica</i>	4
<i>Coffea</i> sp.	1
Fortunella	1
<i>Fortunella margarita</i>	1
Medicago	2
<i>Medicago sativa</i>	2
Olea	36
<i>Olea europaea</i>	36
Platanus	2
<i>Platanus</i> sp.	2
Poncirus	3
<i>Poncirus trifoliata</i>	3
Populus	1
<i>Populus</i> × <i>canescens</i>	1
Prunus	70
<i>Prunus angustifolia</i>	1
<i>Prunus armeniaca</i>	3
<i>Prunus avium</i>	5
<i>Prunus cerasus</i>	2
<i>Prunus domestica</i>	3
<i>Prunus dulcis</i>	18
<i>Prunus persica</i>	7
<i>Prunus salicina</i>	14
<i>Prunus</i> sp.	15
<i>Prunus</i> × <i>amygdalo-persica</i>	2
Quercus	2
<i>Quercus ilex</i>	2
Vaccinium	10
<i>Vaccinium corymbosum</i>	6
<i>Vaccinium</i> sp.	4
Vitis	417
<i>Vitis aestivalis</i>	4
<i>Vitis arizonica</i>	104
<i>Vitis arizonica</i> hybrid	6
<i>Vitis arizonica</i> × <i>V. rupestris</i>	6
<i>Vitis arizonica</i> × <i>V. vinifera</i>	1
<i>Vitis arizonica/candicans</i>	3
<i>Vitis arizonica/candicans</i> × <i>V. rupestris</i>	2
<i>Vitis arizonica/girdiana</i>	1
<i>Vitis berlandieri</i>	9
<i>Vitis berlandieri</i> × <i>riparia</i> hybrids	6
<i>Vitis berlandieri</i> × <i>V. rupestris</i>	4

Plant genus and species	Number of records
<i>Vitis candicans</i>	23
<i>Vitis champinii</i> × (<i>V. solonis</i> × <i>V. othello</i>)	1
<i>Vitis cinerea</i>	7
<i>Vitis cinerea</i> × <i>V. berlandieri</i>	2
<i>Vitis girdiana</i>	20
<i>Vitis monticola</i>	4
<i>Vitis munsoniana</i>	3
<i>Vitis popenoei</i>	1
<i>Vitis riparia</i>	19
<i>Vitis rotundifolia</i>	58
<i>Vitis rotundifolia</i> × <i>V. rupestris</i>	1
<i>Vitis simpsonii</i>	1
<i>Vitis</i> sp.	76
<i>Vitis tiliaefolia</i>	1
<i>Vitis treleasei</i>	6
<i>Vitis vinifera</i>	25
<i>Vitis vinifera</i> hybrid	6
<i>Vitis aestivalis</i> var. <i>smalliana</i>	4
<i>Vitis aestivalis</i> var. <i>smalliana</i> × <i>V. simpsonii</i>	4
<i>Vitis aestivalis</i> var. <i>smalliana</i> × <i>V. vinifera</i>	1
<i>Vitis nesbittiana</i>	2
<i>Vitis rufotomentosa</i>	1
<i>Vitis shuttleworthii</i>	5
Grand total	728

To the aim of this study, different tolerant/resistant response to *X. fastidiosa* infection has been grouped into 11 categories, as reported in Table 12. Those categories include the plant response/s for which the authors of the publication considered that plant as tolerant/resistant to *X. fastidiosa* infection. One hundred and thirty-eight publications, which match 728 records, for the most part (457) reporting artificial infections, return information on tolerance and resistance outcome to *X. fastidiosa* infection. In 46 publications, the authors consider the plant tolerant or resistant, but without adding further details, whereas in 24 publications (and 243 records), the plant is designated tolerant or resistant based on a lower bacterial population it harbours. In 235 cases, this finding comes from artificial infections. The lack of infection and the lack or reduction of symptoms (78 records in each case) are the two most reported tolerant/resistant outcomes in natural infections.

Table 12: Number of records and publications for tolerance/resistance category

Tolerance/resistance category	Number of records			Number of publications
	Artificial infection	Natural infection	Infection not specified	
Lack of infection or negative reading	43	78		15
Lack of systemic movement	52			9
Lack or reduction of symptoms	82	78		13
Lack or reduction of symptoms – Lower bacterial population	20	14		17
Lack or reduction of symptoms – Lower bacterial population - Lower disease incidence	2	2		3
Lack or reduction of symptoms – Lower disease incidence		2		1
Lower bacterial population	235	8		24

Tolerance/resistance category	Number of records			Number of publications
	Artificial infection	Natural infection	Infection not specified	
Lower bacterial population – Lower disease incidence		3		3
Lower disease incidence		6		4
Not persistent infection	5	3		3
Reported as tolerant/resistant_no details	18	28	49	46
Total	457	222	49	138

4. Conclusions

Following a request from the European Commission, EFSA was asked to create, maintain and regularly update a database of host plant species of *Xylella* spp. This scientific report summarises the most interesting information reported in the new version of the database (**version 8**).

An extensive literature search was performed including all scientific papers published up to 31 December 2022, as well as additional Europhyt outbreak notifications (last accessed on 1 March 2023).

By these searches, 45 publications were selected and informative data were extracted. Twelve host plant species and two genera were identified as new hosts of *X. fastidiosa*. Those plant species and genera were not previously reported as hosts of *X. fastidiosa*. Nine new plant species (*Castanea sativa*, *Genista triacanthos*, *Grevillea rosmarinifolia*, *Lonicera periclymenum*, *Mentha suaveolens*, *Platanus × hispanica*, *Pyracantha coccinea*, *Quercus pyrenaica*, *Ulex micranthus*) have been found to be naturally infected by *X. fastidiosa* subspecies *multiplex* or unknown (i.e. not reported) in Portugal. Three new plant species (*Populus tremula*, *Populus × canescens*, *Salix caprea*) were successfully artificially infected by *X. fastidiosa* subspecies *fastidiosa*. No new data was retrieved for *X. taiwanensis*.

Compared to the previous version of the database (EFSA, 2023), no additional STs have been identified worldwide. Information on tolerant/resistant status were reported for 73 plant species in 138 publications, with a total number of 728 records. The most studied and reported plant taxa are still the economically important genera Citrus, Prunus and Vitis.

The overall number of *Xylella* spp. host plants reaches now 433 plant species, 197 genera and 68 families for category A [i.e. plant species positive with at least two detection methods (among: symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation)], till 690 plant species, 303 genera and 88 families for category E (i.e. all positives plant species reported, regardless of the detection methods).

A further update of the EFSA database on *Xylella* spp. host plants is planned for January 2024 with the aim to provide useful information and scientific support to risk assessors, risk managers and researchers dealing with *Xylella* spp.

Data are available as interactive reports on the Microstrategy platform at the following link: <https://www.efsa.europa.eu/en/microstrategy/xylella>

Raw data and related metadata are published in Zenodo in the EFSA Knowledge Junction community, this report refers to **version 8** (<https://doi.org/10.5281/zenodo.1339343>).

References

- EFSA (European Food Safety Authority), 2010. Application of systematic review methodology to food and feed safety assessments to support decision making. *EFSA Journal* 2010;8(6):1637, 90 pp. <https://doi.org/10.2903/j.efsa.2010.1637>
- EFSA (European Food Safety Authority), 2016. Update of a database of host plants of *Xylella fastidiosa*: 20 November 2015. *EFSA Journal* 2016;14(2):4378, 40 pp. <https://doi.org/10.2903/j.efsa.2016.4378>
- EFSA (European Food Safety Authority), 2018. Update of the *Xylella* spp. host plant database. *EFSA Journal* 2018;16(9):5408, 87 pp. <https://doi.org/10.2903/j.efsa.2018.5408>
- EFSA (European Food Safety Authority), Delbianco A, Gibin D, Pasinato L, Boscia D and Morelli M, 2023. Update of the *Xylella* spp. host plant database – systematic literature search up to 30 June 2022. *EFSA Journal* 2023;21(1):7726, 90 pp. <https://doi.org/10.2903/j.efsa.2023.7726>

EPPO (European and Mediterranean Plant Protection Organization), 2023. EPPO Global Database Available online: <https://gd.eppo.int>

Abbreviations

DCF	Data Collection Framework
EFSA PLH Panel	EFSA Panel on Plant Health
ELISA	enzyme-linked immunosorbent assay
EPPO	European and Mediterranean Plant Protection Organization
ETL	Extract Transform Load
PCR	polymerase chain reaction
S-DWH	EFSA Scientific Data Warehouse
ST	sequence type

Appendix A – Host plant species naturally infected

List of host plant species, naturally infected, of *X. fastidiosa* subsp. unknown (i.e. not reported in the publication), subsp. *fastidiosa*, subsp. *fastidiosa/sandyi*, subsp. *morus*, subsp. *multiplex*, subsp. *pauca*, subsp. *sandyi*, subsp. *tashke* and *X. taiwanensis* according to categories A, B, C, D, E (as reported in Section 2.4.2):

- A.** Plant species positive with at least two detection methods (among: symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between: sequencing, pure culture isolation).
- B.** The same as point A, but also including microscopy: plant species positive with at least two detection methods (among: microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between: sequencing, pure culture isolation).
- C.** Plant species positive with at least one detection method (among: symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- D.** Plant species positive with at least one detection method including microscopy (microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- E.** All positives plant species reported, regardless of the detection methods (positive records but without the detection method specified, symptom observations, microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing, pure culture isolation).

N	Plant EPPO code	Plant species	Pest	Category
1	ACADA	<i>Acacia dealbata</i>	Xf subsp. unknown	A
2	ACASA	<i>Acacia saligna</i>	Xf subsp. unknown	A
3	ACRRB	<i>Acer rubrum</i>	Xf subsp. unknown	A
4	ALBJU	<i>Albizia julibrissin</i>	Xf subsp. unknown	A
5	AMARE	<i>Amaranthus retroflexus</i>	Xf subsp. unknown	A
6	AMBPS	<i>Ambrosia psilostachya</i>	Xf subsp. unknown	A
7	AMBTR	<i>Ambrosia trifida</i>	Xf subsp. unknown	A
8	AMCAR	<i>Ampelopsis arborea</i>	Xf subsp. unknown	A
9	AMCBR	<i>Ampelopsis brevipedunculata</i>	Xf subsp. unknown	A
10	AMCBH	<i>Ampelopsis brevipedunculata var. hancei</i>	Xf subsp. unknown	A
11	ASPAC	<i>Asparagus acutifolius</i>	Xf subsp. unknown	A
12	BACHA	<i>Baccharis halimifolia</i>	Xf subsp. unknown	A
13	BACSS	<i>Baccharis</i> sp.	Xf subsp. unknown	A
14	BRSSS	<i>Brassica</i> sp.	Xf subsp. unknown	A
15	CLIAM	<i>Callicarpa americana</i>	Xf subsp. unknown	A
16	CUNVU	<i>Calluna vulgaris</i>	Xf subsp. unknown	A
17	CYAAQ	<i>Carya aquatica</i>	Xf subsp. unknown	A
18	CYACA	<i>Carya cathayensis</i>	Xf subsp. unknown	A
19	CYACO	<i>Carya cordiformis</i>	Xf subsp. unknown	A
20	CYAFL	<i>Carya floridana</i>	Xf subsp. unknown	A
21	CYAGL	<i>Carya glabra</i>	Xf subsp. unknown	A
22	CYAIL	<i>Carya illinoensis</i>	Xf subsp. unknown	A
23	CYALA	<i>Carya laciniosa</i>	Xf subsp. unknown	A
24	CYAPA	<i>Carya pallida</i>	Xf subsp. unknown	A
25	CC275A	<i>Carya palmeri</i>	Xf subsp. unknown	A
26	CYATO	<i>Carya tomentosa</i>	Xf subsp. unknown	A
27	CSNSA	<i>Castanea sativa</i>	Xf subsp. unknown	A

N	Plant EPPO code	Plant species	Pest	Category
28	CTURO	<i>Catharanthus roseus</i>	Xf subsp. unknown	A
29	CCSOC	<i>Cercis occidentalis</i>	Xf subsp. unknown	A
30	CASFA	<i>Chamaecrista fasciculata</i>	Xf subsp. unknown	A
31	CIORE	<i>Chionanthus retusus</i>	Xf subsp. unknown	A
32	CXKTA	<i>Chitalpa tashkentensis</i>	Xf subsp. unknown	A
33	CSTIC	<i>Cistus creticus</i>	Xf subsp. unknown	A
34	CIDAU	<i>Citrus aurantium</i>	Xf subsp. unknown	A
35	CIDCE	<i>Citrus celebica</i>	Xf subsp. unknown	A
36	CIDJA	<i>Citrus jambhiri</i>	Xf subsp. unknown	A
37	CIDLI	<i>Citrus limon</i>	Xf subsp. unknown	A
38	CIDME	<i>Citrus medica</i>	Xf subsp. unknown	A
39	CIDNA	<i>Citrus natsudaikai</i>	Xf subsp. unknown	A
40	CIDPA	<i>Citrus paradisi</i>	Xf subsp. unknown	A
41	CIDRE	<i>Citrus reticulata</i>	Xf subsp. unknown	A
42	CIDSI	<i>Citrus sinensis</i>	Xf subsp. unknown	A
43	CIDSS	<i>Citrus</i> sp.	Xf subsp. unknown	A
44	CIDTG	<i>Citrus tangerina</i>	Xf subsp. unknown	A
45	CIDNO	<i>Citrus × nobilis</i>	Xf subsp. unknown	A
46	CIDRP	<i>Citrus × tangelo</i>	Xf subsp. unknown	A
47	CGACY	<i>Coelorachis cylindrica</i>	Xf subsp. unknown	A
48	COFAR	<i>Coffea arabica</i>	Xf subsp. unknown	A
49	COFSS	<i>Coffea</i> sp.	Xf subsp. unknown	A
50	COIMA	<i>Conium maculatum</i>	Xf subsp. unknown	A
51	CDTSE	<i>Cortaderia selloana</i>	Xf subsp. unknown	A
52	CZSSS	<i>Cytisus</i> sp.	Xf subsp. unknown	A
53	DIGSS	<i>Digitaria</i> sp.	Xf subsp. unknown	A
54	DOSKA	<i>Diospyros kaki</i>	Xf subsp. unknown	A
55	DPYPA	<i>Diplocyclos palmatus</i>	Xf subsp. unknown	A
56	DODVI	<i>Dodonaea viscosa</i>	Xf subsp. unknown	A
57	EPHTE	<i>Euphorbia terracina</i>	Xf subsp. unknown	A
58	FAUCR	<i>Fagus crenata</i>	Xf subsp. unknown	A
59	FATJA	<i>Fatsia japonica</i>	Xf subsp. unknown	A
60	FIUCA	<i>Ficus carica</i>	Xf subsp. unknown	A
61	RHAFR	<i>Frangula alnus</i>	Xf subsp. unknown	A
62	FRXAN	<i>Fraxinus angustifolia</i>	Xf subsp. unknown	A
63	FRXPE	<i>Fraxinus pennsylvanica</i>	Xf subsp. unknown	A
64	GENTR	<i>Genista triacanthos</i>	Xf subsp. unknown	A
65	GIKBI	<i>Ginkgo biloba</i>	Xf subsp. unknown	A
66	GLITR	<i>Gleditsia triacanthos</i>	Xf subsp. unknown	A
67	CC278A	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	Xf subsp. unknown	A
68	GREJU	<i>Grevillea juniperina</i>	Xf subsp. unknown	A
69	GRERS	<i>Grevillea rosmarinifolia</i>	Xf subsp. unknown	A
70	HELAN	<i>Helianthus annuus</i>	Xf subsp. unknown	A
71	HECIT	<i>Helichrysum italicum</i>	Xf subsp. unknown	A
72	HEGSS	<i>Hemerocallis</i> sp.	Xf subsp. unknown	A
73	HIBSH	<i>Hibiscus schizopetalus</i>	Xf subsp. unknown	A
74	HIBSY	<i>Hibiscus syriacus</i>	Xf subsp. unknown	A
75	HUMJA	<i>Humulus scandens</i>	Xf subsp. unknown	A
76	ILEVO	<i>Ilex vomitoria</i>	Xf subsp. unknown	A

N	Plant EPPO code	Plant species	Pest	Category
77	IVAAN	<i>Iva annua</i>	Xf subsp. unknown	A
78	IACMI	<i>Jacaranda mimosifolia</i>	Xf subsp. unknown	A
79	IUGSS	<i>Juglans</i> sp.	Xf subsp. unknown	A
80	IUPAS	<i>Juniperus ashei</i>	Xf subsp. unknown	A
81	LAEIN	<i>Lagerstroemia indica</i>	Xf subsp. unknown	A
82	LAESS	<i>Lagerstroemia</i> sp.	Xf subsp. unknown	A
83	LURNO	<i>Laurus nobilis</i>	Xf subsp. unknown	A
84	LAVAN	<i>Lavandula angustifolia</i>	Xf subsp. unknown	A
85	LAVDE	<i>Lavandula dentata</i>	Xf subsp. unknown	A
86	LAVSS	<i>Lavandula</i> sp.	Xf subsp. unknown	A
87	LAVST	<i>Lavandula stoechas</i>	Xf subsp. unknown	A
88	LIGLU	<i>Ligustrum lucidum</i>	Xf subsp. unknown	A
89	LIQST	<i>Liquidambar styraciflua</i>	Xf subsp. unknown	A
90	LONJA	<i>Lonicera japonica</i>	Xf subsp. unknown	A
91	LUPAD	<i>Lupinus aridorum</i>	Xf subsp. unknown	A
92	LUPVI	<i>Lupinus villosus</i>	Xf subsp. unknown	A
93	MAGGR	<i>Magnolia grandiflora</i>	Xf subsp. unknown	A
94	MLLPA	<i>Mallotus paniculatus</i>	Xf subsp. unknown	A
95	MEDSA	<i>Medicago sativa</i>	Xf subsp. unknown	A
96	MENSU	<i>Mentha suaveolens</i>	Xf subsp. unknown	A
97	MIMSS	<i>Mimosa</i> sp.	Xf subsp. unknown	A
98	MODCA	<i>Modiola caroliniana</i>	Xf subsp. unknown	A
99	MORAL	<i>Morus alba</i>	Xf subsp. unknown	A
100	MORRU	<i>Morus rubra</i>	Xf subsp. unknown	A
101	MORSS	<i>Morus</i> sp.	Xf subsp. unknown	A
102	MYMIN	<i>Myoporum insulare</i>	Xf subsp. unknown	A
103	MYVCO	<i>Myrtus communis</i>	Xf subsp. unknown	A
104	NANDO	<i>Nandina domestica</i>	Xf subsp. unknown	A
105	NPTLU	<i>Neptunia lutea</i>	Xf subsp. unknown	A
106	NEROL	<i>Nerium oleander</i>	Xf subsp. unknown	A
107	OLVEU	<i>Olea europaea</i>	Xf subsp. unknown	A
108	OLVES	<i>Olea europaea</i> subsp. <i>sylvestris</i>	Xf subsp. unknown	A
109	OLVSS	<i>Olea</i> sp.	Xf subsp. unknown	A
110	PRTQU	<i>Parthenocissus quinquefolia</i>	Xf subsp. unknown	A
111	PASDI	<i>Paspalum dilatatum</i>	Xf subsp. unknown	A
112	CC135A	<i>Periwinkle</i> (common name)	Xf subsp. unknown	A
113	PEBAM	<i>Persea americana</i>	Xf subsp. unknown	A
114	PHXRE	<i>Phoenix reclinata</i>	Xf subsp. unknown	A
115	PHXRO	<i>Phoenix roebelenii</i>	Xf subsp. unknown	A
116	PIUTD	<i>Pinus taeda</i>	Xf subsp. unknown	A
117	PLTOC	<i>Platanus occidentalis</i>	Xf subsp. unknown	A
118	PLTSS	<i>Platanus</i> sp.	Xf subsp. unknown	A
119	PLTHY	<i>Platanus</i> × <i>hispanica</i>	Xf subsp. unknown	A
120	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. unknown	A
121	PRNAV	<i>Prunus avium</i>	Xf subsp. unknown	A
122	PRNCF	<i>Prunus cerasifera</i>	Xf subsp. unknown	A
123	CC209A	<i>Prunus cerasifera</i> × <i>P. munsoniana</i>	Xf subsp. unknown	A
124	PRNDU	<i>Prunus dulcis</i>	Xf subsp. unknown	A
125	PRNPS	<i>Prunus persica</i>	Xf subsp. unknown	A

N	Plant EPPO code	Plant species	Pest	Category					
126	PRNSC	<i>Prunus salicina</i>	Xf subsp. unknown	A					
127	PRNSS	<i>Prunus</i> sp.	Xf subsp. unknown	A					
128	PTEAQ	<i>Pteridium aquilinum</i>	Xf subsp. unknown	A					
129	PYECO	<i>Pyracantha coccinea</i>	Xf subsp. unknown	A					
130	PYUPY	<i>Pyrus pyrifolia</i>	Xf subsp. unknown	A					
131	PYUSS	<i>Pyrus</i> sp.	Xf subsp. unknown	A					
132	QUECO	<i>Quercus coccinea</i>	Xf subsp. unknown	A					
133	QUEFC	<i>Quercus falcata</i>	Xf subsp. unknown	A					
134	QUELA	<i>Quercus laevis</i>	Xf subsp. unknown	A					
135	QUELF	<i>Quercus laurifolia</i>	Xf subsp. unknown	A					
136	QUENI	<i>Quercus nigra</i>	Xf subsp. unknown	A					
137	QUEPA	<i>Quercus palustris</i>	Xf subsp. unknown	A					
138	QUEPN	<i>Quercus pyrenaica</i>	Xf subsp. unknown	A					
139	QUERU	<i>Quercus rubra</i>	Xf subsp. unknown	A					
140	QUESS	<i>Quercus</i> sp.	Xf subsp. unknown	A					
141	QUESU	<i>Quercus suber</i>	Xf subsp. unknown	A					
142	QUEVE	<i>Quercus velutina</i>	Xf subsp. unknown	A					
143	QUEVI	<i>Quercus virginiana</i>	Xf subsp. unknown	A					
144	RATCO	<i>Ratibida columnifera</i>	Xf subsp. unknown	A					
145	RHAAL	<i>Rhamnus alaternus</i>	Xf subsp. unknown	A					
146	RHUSS	<i>Rhus</i> sp.	Xf subsp. unknown	A					
147	RUBHP	<i>Rubus hedycarpus</i> subsp. <i>procerus</i>	Xf subsp. unknown	A					
148	RUBID	<i>Rubus idaeus</i>	Xf subsp. unknown	A					
149	RUBSS	<i>Rubus</i> sp.	Xf subsp. unknown	A					
150	RMSOF	<i>Salvia rosmarinus</i>	Xf subsp. unknown	A					
151	SAMCN	<i>Sambucus canadensis</i>	Xf subsp. unknown	A					
152	SSAAL	<i>Sassafras albidum</i>	Xf subsp. unknown	A					
153	SSASS	<i>Sassafras</i> sp.	Xf subsp. unknown	A					
154	SETMG	<i>Setaria magna</i>	Xf subsp. unknown	A					
155	SOOFI	<i>Solidago fistulosa</i>	Xf subsp. unknown	A					
156	SPUJU	<i>Spartium junceum</i>	Xf subsp. unknown	A					
157	SWTPS	<i>Stewartia pseudocamellia</i>	Xf subsp. unknown	A					
158	ZMYDI	<i>Symphotrichum divaricatum</i>	Xf subsp. unknown	A					
159	TRFRE	<i>Trifolium repens</i>	Xf subsp. unknown	A					
160	ULEEU	<i>Ulex europaeus</i>	Xf subsp. unknown	A					
161	ULEMC	<i>Ulex micranthus</i>	Xf subsp. unknown	A					
162	ULESS	<i>Ulex</i> sp.	Xf subsp. unknown	A					
163	ULMAM	<i>Ulmus americana</i>	Xf subsp. unknown	A					
164	ULMGL	<i>Ulmus glabra</i>	Xf subsp. unknown	A					
165	ULMPU	<i>Ulmus pumila</i>	Xf subsp. unknown	A					
166	ULMSS	<i>Ulmus</i> sp.	Xf subsp. unknown	A					
167	VACAH	<i>Vaccinium ashei</i>	Xf subsp. unknown	A					
168	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. unknown	A					
169	VACSS	<i>Vaccinium</i> sp.	Xf subsp. unknown	A					
170	VACVG	<i>Vaccinium virgatum</i>	Xf subsp. unknown	A					
171	VINMA	<i>Vinca major</i>	Xf subsp. unknown	A					
172	VINMI	<i>Vinca minor</i>	Xf subsp. unknown	A					
173	VITCL	<i>Vitis californica</i>	Xf subsp. unknown	A					
174	VITCA	<i>Vitis candicans</i>	Xf subsp. unknown	A					

N	Plant EPPO code	Plant species	Pest	Category			
175	VITLA	<i>Vitis labrusca</i>	Xf subsp. unknown	A			
176	CC241A	<i>Vitis labrusca</i> × <i>V. vinifera</i>	Xf subsp. unknown	A			
177	VITMU	<i>Vitis munsoniana</i>	Xf subsp. unknown	A			
178	CC242A	<i>Vitis muscadina</i>	Xf subsp. unknown	A			
179	VITRI	<i>Vitis riparia</i>	Xf subsp. unknown	A			
180	VITRF	<i>Vitis rotundifolia</i>	Xf subsp. unknown	A			
181	VITSS	<i>Vitis</i> sp.	Xf subsp. unknown	A			
182	VITVI	<i>Vitis vinifera</i>	Xf subsp. unknown	A			
183	ACRSC	<i>Acer saccharum</i>	Xf subsp. unknown		B		
184	CYPER	<i>Cyperus eragrostis</i>	Xf subsp. unknown		B		
185	HVEBR	<i>Hevea brasiliensis</i>	Xf subsp. unknown		B		
186	PRNDO	<i>Prunus domestica</i>	Xf subsp. unknown		B		
187	SORHA	<i>Sorghum halepense</i>	Xf subsp. unknown		B		
188	ACALO	<i>Acacia longifolia</i>	Xf subsp. unknown			C	
189	ACRMA	<i>Acer macrophyllum</i>	Xf subsp. unknown			C	
190	ACRNE	<i>Acer negundo</i>	Xf subsp. unknown			C	
191	ACRPL	<i>Acer platanoides</i>	Xf subsp. unknown			C	
192	ACRSS	<i>Acer</i> sp.	Xf subsp. unknown			C	
193	AECHY	<i>Aesculus</i> × <i>hybrida</i>	Xf subsp. unknown			C	
194	AGTAU	<i>Agathis australis</i>	Xf subsp. unknown			C	
195	AGSGI	<i>Agrostis gigantea</i>	Xf subsp. unknown			C	
196	AEYEX	<i>Alectryon excelsus</i>	Xf subsp. unknown			C	
197	ALRFI	<i>Alternanthera ficoidea</i>	Xf subsp. unknown			C	
198	AMASS	<i>Amaranthus</i> sp.	Xf subsp. unknown			C	
199	BRODI	<i>Anisantha diandra</i>	Xf subsp. unknown			C	
200	BRORI	<i>Anisantha rigida</i>	Xf subsp. unknown			C	
201	ARYSS	<i>Arctostaphylos</i> sp.	Xf subsp. unknown			C	
202	ARTDO	<i>Artemisia douglasiana</i>	Xf subsp. unknown			C	
203	ATXSS	<i>Atriplex</i> sp.	Xf subsp. unknown			C	
204	AVEFA	<i>Avena fatua</i>	Xf subsp. unknown			C	
205	AXOCO	<i>Axonopus compressus</i>	Xf subsp. unknown			C	
206	BACPI	<i>Baccharis pilularis</i>	Xf subsp. unknown			C	
207	BIDPI	<i>Bidens pilosa</i>	Xf subsp. unknown			C	
208	BOEDI	<i>Boerhavia diffusa</i>	Xf subsp. unknown			C	
209	BOILF	<i>Borreria latifolia</i>	Xf subsp. unknown			C	
210	BRADC	<i>Brachiaria decumbens</i>	Xf subsp. unknown			C	
211	BRAPL	<i>Brachiaria plantaginea</i>	Xf subsp. unknown			C	
212	BRGSS	<i>Brachyglottis</i> sp.	Xf subsp. unknown			C	
213	BROSS	<i>Bromus</i> sp.	Xf subsp. unknown			C	
214	BRNPA	<i>Broussonetia papyrifera</i>	Xf subsp. unknown			C	
215	CCOSS	<i>Calicotome</i> sp.	Xf subsp. unknown			C	
216	BLABI	<i>Calyptocarpus biaristatus</i>	Xf subsp. unknown			C	
217	CMIRA	<i>Campsis radicans</i>	Xf subsp. unknown			C	
218	CAPBP	<i>Capsella bursa-pastoris</i>	Xf subsp. unknown			C	
219	CRXSS	<i>Carex</i> sp.	Xf subsp. unknown			C	
220	CELOR	<i>Celastrus orbiculatus</i>	Xf subsp. unknown			C	
221	CHEC	<i>Cenchrus echinatus</i>	Xf subsp. unknown			C	
222	CHEMU	<i>Chenopodium murale</i>	Xf subsp. unknown			C	
223	CHRHA	<i>Chloris halophila</i>	Xf subsp. unknown			C	

N	Plant EPPO code	Plant species	Pest	Category
224	CC158A	<i>Coffea arabica</i> × <i>C. canephora</i>	Xf subsp. unknown	C
225	CC159A	<i>Coffea arabica</i> × <i>C. eugenoides</i>	Xf subsp. unknown	C
226	CC161A	<i>Coffea arabica</i> × <i>C. liberica</i> var. <i>dewevrei</i>	Xf subsp. unknown	C
227	CC162A	<i>Coffea arabica</i> × <i>C. racemosa</i>	Xf subsp. unknown	C
228	COFCA	<i>Coffea canephora</i>	Xf subsp. unknown	C
229	RDGVE	<i>Coffea racemosa</i>	Xf subsp. unknown	C
230	CC164A	<i>Coffea eugenoides</i>	Xf subsp. unknown	C
231	CC165A	<i>Coffea kapakata</i>	Xf subsp. unknown	C
232	COFEX	<i>Coffea liberica</i> var. <i>dewevrei</i>	Xf subsp. unknown	C
233	COFST	<i>Coffea stenophylla</i>	Xf subsp. unknown	C
234	COMBE	<i>Commelina benghalensis</i>	Xf subsp. unknown	C
235	COMER	<i>Commelina erecta</i>	Xf subsp. unknown	C
236	CONAR	<i>Convolvulus arvensis</i>	Xf subsp. unknown	C
237	CPMRE	<i>Coprosma repens</i>	Xf subsp. unknown	C
238	CPMRO	<i>Coprosma robusta</i>	Xf subsp. unknown	C
239	CDLAU	<i>Cordyline australis</i>	Xf subsp. unknown	C
240	CDLSS	<i>Cordyline</i> sp.	Xf subsp. unknown	C
241	CRWFL	<i>Cornus florida</i>	Xf subsp. unknown	C
242	CKICO	<i>Corokia cotoneaster</i>	Xf subsp. unknown	C
243	CKIMA	<i>Corokia macrocarpa</i>	Xf subsp. unknown	C
244	CKISS	<i>Corokia</i> sp.	Xf subsp. unknown	C
245	CCKLA	<i>Corynocarpus laevigatus</i>	Xf subsp. unknown	C
246	ERMSE	<i>Croton setigerus</i>	Xf subsp. unknown	C
247	CYNDA	<i>Cynodon dactylon</i>	Xf subsp. unknown	C
248	CYPSS	<i>Cyperus</i> sp.	Xf subsp. unknown	C
249	SAOSC	<i>Cytisus scoparius</i>	Xf subsp. unknown	C
250	DATWR	<i>Datura wrightii</i>	Xf subsp. unknown	C
251	DIGHO	<i>Digitaria horizontalis</i>	Xf subsp. unknown	C
252	TRCIN	<i>Digitaria insularis</i>	Xf subsp. unknown	C
253	DIGSA	<i>Digitaria sanguinalis</i>	Xf subsp. unknown	C
254	DUTPL	<i>Duranta erecta</i>	Xf subsp. unknown	C
255	CHEAM	<i>Dysphania ambrosioides</i>	Xf subsp. unknown	C
256	ECHCG	<i>Echinochloa crus-galli</i>	Xf subsp. unknown	C
257	ELEIN	<i>Eleusine indica</i>	Xf subsp. unknown	C
258	ERICA	<i>Erigeron canadensis</i>	Xf subsp. unknown	C
259	ERBCO	<i>Eriochloa contracta</i>	Xf subsp. unknown	C
260	ERGSS	<i>Eriogonum</i> sp.	Xf subsp. unknown	C
261	EROBO	<i>Erodium botrys</i>	Xf subsp. unknown	C
262	EROMO	<i>Erodium moschatum</i>	Xf subsp. unknown	C
263	EROSS	<i>Erodium</i> sp.	Xf subsp. unknown	C
264	ESABI	<i>Escallonia bifida</i>	Xf subsp. unknown	C
265	EUCSS	<i>Eucalyptus</i> sp.	Xf subsp. unknown	C
266	EPHHI	<i>Euphorbia hirta</i>	Xf subsp. unknown	C
267	FACAP	<i>Facelis retusa</i>	Xf subsp. unknown	C
268	CC180A	<i>Fragaria vesca</i> subsp. <i>californica</i>	Xf subsp. unknown	C
269	FRXDI	<i>Fraxinus dipetala</i>	Xf subsp. unknown	C
270	FUCMA	<i>Fuchsia magellanica</i>	Xf subsp. unknown	C
271	GERDI	<i>Geranium dissectum</i>	Xf subsp. unknown	C

N	Plant EPPO code	Plant species	Pest	Category
272	HAGER	<i>Haloragis erecta</i>	Xf subsp. unknown	C
273	HBESS	<i>Hebe</i> sp.	Xf subsp. unknown	C
274	HEEHE	<i>Hedera helix</i>	Xf subsp. unknown	C
275	HEOFR	<i>Heliotropium fruticosum</i>	Xf subsp. unknown	C
276	HEOIN	<i>Heliotropium indicum</i>	Xf subsp. unknown	C
277	HTTGR	<i>Heterotheca grandiflora</i>	Xf subsp. unknown	C
278	HORMU	<i>Hordeum murinum</i>	Xf subsp. unknown	C
279	HYEPA	<i>Hydrangea paniculata</i>	Xf subsp. unknown	C
280	HRYBR	<i>Hypochaeris brasiliensis</i>	Xf subsp. unknown	C
281	IPOFI	<i>Ipomoea fistulosa</i>	Xf subsp. unknown	C
282	LACSE	<i>Lactuca serriola</i>	Xf subsp. unknown	C
283	LECSI	<i>Leonurus sibiricus</i>	Xf subsp. unknown	C
284	LEPAU	<i>Lepidium auriculatum</i>	Xf subsp. unknown	C
285	COPDI	<i>Lepidium didymum</i>	Xf subsp. unknown	C
286	LEPRU	<i>Lepidium ruderales</i>	Xf subsp. unknown	C
287	LIGSI	<i>Ligustrum sinense</i>	Xf subsp. unknown	C
288	CC189A	<i>Ligustrum virginicum</i>	Xf subsp. unknown	C
289	LIRTU	<i>Liriodendron tulipifera</i>	Xf subsp. unknown	C
290	LOLMU	<i>Lolium multiflorum</i>	Xf subsp. unknown	C
291	LOLPE	<i>Lolium perenne</i>	Xf subsp. unknown	C
292	LUDUR	<i>Ludwigia grandiflora</i>	Xf subsp. unknown	C
293	MALPA	<i>Malva parviflora</i>	Xf subsp. unknown	C
294	MAQVU	<i>Marrubium vulgare</i>	Xf subsp. unknown	C
295	MEDPO	<i>Medicago polymorpha</i>	Xf subsp. unknown	C
296	MLQTE	<i>Melicope ternata</i>	Xf subsp. unknown	C
297	MLYRA	<i>Melicytus ramiflorus</i>	Xf subsp. unknown	C
298	MEUSS	<i>Melilotus</i> sp.	Xf subsp. unknown	C
299	MLSOF	<i>Melissa officinalis</i>	Xf subsp. unknown	C
300	MRRMA	<i>Merremia macrocalyx</i>	Xf subsp. unknown	C
301	MRYSI	<i>Meryta sinclairii</i>	Xf subsp. unknown	C
302	MTDEX	<i>Metrosideros excelsa</i>	Xf subsp. unknown	C
303	MTDSS	<i>Metrosideros</i> sp.	Xf subsp. unknown	C
304	CC195A	<i>Metrosideros kermadecensis</i>	Xf subsp. unknown	C
305	MNTLI	<i>Montiastrum lineare</i>	Xf subsp. unknown	C
306	MYMLA	<i>Myoporum laetum</i>	Xf subsp. unknown	C
307	MAJHO	<i>Origanum majorana</i>	Xf subsp. unknown	C
308	DKTAC	<i>Panicum acuminatum</i>	Xf subsp. unknown	C
309	PTNHY	<i>Parthenium hysterophorus</i>	Xf subsp. unknown	C
310	PRTTR	<i>Parthenocissus tricuspidata</i>	Xf subsp. unknown	C
311	PASUR	<i>Paspalum urvillei</i>	Xf subsp. unknown	C
312	CC200A	<i>Paspalum regnellii</i>	Xf subsp. unknown	C
313	PAQFO	<i>Passiflora foetida</i>	Xf subsp. unknown	C
314	PESCL	<i>Pennisetum clandestinum</i>	Xf subsp. unknown	C
315	POLLA	<i>Persicaria lapathifolia</i>	Xf subsp. unknown	C
316	POLPE	<i>Persicaria maculosa</i>	Xf subsp. unknown	C
317	PGASA	<i>Phagnalon saxatile</i>	Xf subsp. unknown	C
318	PHAAN	<i>Phalaris angusta</i>	Xf subsp. unknown	C
319	PHXSS	<i>Phoenix</i> sp.	Xf subsp. unknown	C
320	PHMCO	<i>Phormium colensoi</i>	Xf subsp. unknown	C

N	Plant EPPO code	Plant species	Pest	Category
321	PHMTE	<i>Phormium tenax</i>	Xf subsp. unknown	C
322	PTUCR	<i>Pittosporum crassifolium</i>	Xf subsp. unknown	C
323	PTUEU	<i>Pittosporum eugenioides</i>	Xf subsp. unknown	C
324	PTUTE	<i>Pittosporum tenuifolium</i>	Xf subsp. unknown	C
325	PTUUM	<i>Pittosporum umbellatum</i>	Xf subsp. unknown	C
326	PLALA	<i>Plantago lanceolata</i>	Xf subsp. unknown	C
327	PLAMA	<i>Plantago major</i>	Xf subsp. unknown	C
328	PLUOD	<i>Pluchea odorata</i>	Xf subsp. unknown	C
329	POAAN	<i>Poa annua</i>	Xf subsp. unknown	C
330	POLAR	<i>Polygonum arenastrum</i>	Xf subsp. unknown	C
331	POROL	<i>Portulaca oleracea</i>	Xf subsp. unknown	C
332	PRNAN	<i>Prunus angustifolia</i>	Xf subsp. unknown	C
333	PRNLR	<i>Prunus laurocerasus</i>	Xf subsp. unknown	C
334	PRNSO	<i>Prunus serotina</i>	Xf subsp. unknown	C
335	PRNSL	<i>Prunus serrulata</i>	Xf subsp. unknown	C
336	CC214A	<i>Prunus simonii</i> × <i>P. salicina</i> × <i>P. cerasifera</i> × <i>P. munsoniana</i>	Xf subsp. unknown	C
337	QUEAG	<i>Quercus agrifolia</i>	Xf subsp. unknown	C
338	QUEAL	<i>Quercus alba</i>	Xf subsp. unknown	C
339	QUEIL	<i>Quercus ilex</i>	Xf subsp. unknown	C
340	QUEIM	<i>Quercus imbricaria</i>	Xf subsp. unknown	C
341	QUEIN	<i>Quercus incana</i>	Xf subsp. unknown	C
342	QUEMC	<i>Quercus macrocarpa</i>	Xf subsp. unknown	C
343	QUEPH	<i>Quercus phellos</i>	Xf subsp. unknown	C
344	RANRE	<i>Ranunculus repens</i>	Xf subsp. unknown	C
345	RAPSR	<i>Raphanus sativus</i>	Xf subsp. unknown	C
346	RHUDI	<i>Rhus diversiloba</i>	Xf subsp. unknown	C
347	RCHSS	<i>Richardia</i> sp.	Xf subsp. unknown	C
348	ROSCA	<i>Rosa californica</i>	Xf subsp. unknown	C
349	RUBUR	<i>Rubus ursinus</i>	Xf subsp. unknown	C
350	RUBVI	<i>Rubus vitifolius</i>	Xf subsp. unknown	C
351	RUMCR	<i>Rumex crispus</i>	Xf subsp. unknown	C
352	RUMSS	<i>Rumex</i> sp.	Xf subsp. unknown	C
353	SAXSS	<i>Salix</i> sp.	Xf subsp. unknown	C
354	SASKT	<i>Salsola kali</i> subsp. <i>tragus</i>	Xf subsp. unknown	C
355	SALOF	<i>Salvia officinalis</i>	Xf subsp. unknown	C
356	SAMGL	<i>Sambucus cerulea</i>	Xf subsp. unknown	C
357	SNTMA	<i>Santolina magonica</i>	Xf subsp. unknown	C
358	SENGB	<i>Senecio grisebachii</i>	Xf subsp. unknown	C
359	SENVU	<i>Senecio vulgaris</i>	Xf subsp. unknown	C
360	CC221A	<i>Senna secundiflora</i>	Xf subsp. unknown	C
361	SIDRH	<i>Sida rhombifolia</i>	Xf subsp. unknown	C
362	SLYMA	<i>Silybum marianum</i>	Xf subsp. unknown	C
363	SSYIR	<i>Sisymbrium irio</i>	Xf subsp. unknown	C
364	SOLAM	<i>Solanum americanum</i>	Xf subsp. unknown	C
365	SONOL	<i>Sonchus oleraceus</i>	Xf subsp. unknown	C
366	SONSS	<i>Sonchus</i> sp.	Xf subsp. unknown	C
367	SOBSE	<i>Sophora secundiflora</i>	Xf subsp. unknown	C
368	STAAR	<i>Stachys arvensis</i>	Xf subsp. unknown	C

N	Plant EPPO code	Plant species	Pest	Category		
369	STEME	<i>Stellaria media</i>	Xf subsp. unknown		C	
370	SYZPA	<i>Syzygium paniculatum</i>	Xf subsp. unknown		C	
371	TALPA	<i>Talinum paniculatum</i>	Xf subsp. unknown		C	
372	TAROF	<i>Taraxacum officinale</i>	Xf subsp. unknown		C	
373	TRFIN	<i>Trifolium incarnatum</i>	Xf subsp. unknown		C	
374	ULEPA	<i>Ulex parviflorus</i>	Xf subsp. unknown		C	
375	URTLY	<i>Urtica dioica</i> subsp. <i>gracilis</i>	Xf subsp. unknown		C	
376	URTUR	<i>Urtica urens</i>	Xf subsp. unknown		C	
377	VEBLI	<i>Verbena litoralis</i>	Xf subsp. unknown		C	
378	VENSS	<i>Vernonia</i> sp.	Xf subsp. unknown		C	
379	VERPE	<i>Veronica persica</i>	Xf subsp. unknown		C	
380	VERSS	<i>Veronica</i> sp.	Xf subsp. unknown		C	
381	CC226A	<i>Vicia ludoviciana</i>	Xf subsp. unknown		C	
382	VIXLU	<i>Vitex lucens</i>	Xf subsp. unknown		C	
383	VITAZ	<i>Vitis arizonica</i>	Xf subsp. unknown		C	
384	VITGI	<i>Vitis girdiana</i>	Xf subsp. unknown		C	
385	WSTFR	<i>Wisteria frutescens</i>	Xf subsp. unknown		C	
386	XANSP	<i>Xanthium spinosum</i>	Xf subsp. unknown		C	
387	CIDLO	<i>Citrus</i> × <i>limonia</i>	Xf subsp. unknown			D
388	COFLI	<i>Coffea liberica</i>	Xf subsp. unknown			D
389	PRNAM	<i>Prunus americana</i>	Xf subsp. unknown			D
390	PRNMS	<i>Prunus munsoniana</i>	Xf subsp. unknown			D
391	PRNSI	<i>Prunus simonii</i>	Xf subsp. unknown			D
392	SOOCA	<i>Solidago canadensis</i>	Xf subsp. unknown			D
393	PRNAR	<i>Prunus armeniaca</i>	Xf subsp. unknown			E
394	PRNHO	<i>Prunus hortulana</i>	Xf subsp. unknown			E
395	PRNME	<i>Prunus mexicana</i>	Xf subsp. unknown			E
396	ULMHO	<i>Ulmus</i> × <i>hollandica</i>	Xf subsp. unknown			E
397	VITAE	<i>Vitis aestivalis</i>	Xf subsp. unknown			E
398	VITBQ	<i>Vitis bourquiniana</i>	Xf subsp. unknown			E
399	VITCI	<i>Vitis cinerea</i>	Xf subsp. unknown			E
400	VITCN	<i>Vitis simpsonii</i>	Xf subsp. unknown			E
401	VITCH	<i>Vitis</i> × <i>champinii</i>	Xf subsp. unknown			E
402	CC256A	<i>Vitis rufotomentosa</i>	Xf subsp. unknown			E
403	CC257A	<i>Vitis shuttleworthii</i>	Xf subsp. unknown			E

N	Plant EPPO code	Plant species	Pest	Category		
1	ACRSS	<i>Acer</i> sp.	Xf subsp. fastidiosa	A		
2	AMBEL	<i>Ambrosia artemisiifolia</i>	Xf subsp. fastidiosa	A		
3	CCOSP	<i>Calicotome spinosa</i>	Xf subsp. fastidiosa	A		
4	CCSOC	<i>Cercis occidentalis</i>	Xf subsp. fastidiosa	A		
5	CSTMO	<i>Cistus monspeliensis</i>	Xf subsp. fastidiosa	A		
6	CIDLI	<i>Citrus limon</i>	Xf subsp. fastidiosa	A		
7	CIDPA	<i>Citrus paradisi</i>	Xf subsp. fastidiosa	A		
8	CIDRE	<i>Citrus reticulata</i>	Xf subsp. fastidiosa	A		
9	CIDSI	<i>Citrus sinensis</i>	Xf subsp. fastidiosa	A		
10	COFAR	<i>Coffea arabica</i>	Xf subsp. fastidiosa	A		
11	COFCA	<i>Coffea canephora</i>	Xf subsp. fastidiosa	A		
12	COFSS	<i>Coffea</i> sp.	Xf subsp. fastidiosa	A		

N	Plant EPPO code	Plant species	Pest	Category			
13	ELGAN	<i>Elaeagnus angustifolia</i>	Xf subsp. fastidiosa	A			
14	CC270A	<i>Erysimum hybrids</i>	Xf subsp. fastidiosa	A			
15	FIUCA	<i>Ficus carica</i>	Xf subsp. fastidiosa	A			
16	GENLU	<i>Genista lucida</i>	Xf subsp. fastidiosa	A			
17	IUGRE	<i>Juglans regia</i>	Xf subsp. fastidiosa	A			
18	LUPAD	<i>Lupinus aridorum</i>	Xf subsp. fastidiosa	A			
19	MAGGR	<i>Magnolia grandiflora</i>	Xf subsp. fastidiosa	A			
20	MEDSA	<i>Medicago sativa</i>	Xf subsp. fastidiosa	A			
21	MTDSS	<i>Metrosideros</i> sp.	Xf subsp. fastidiosa	A			
22	MORSS	<i>Morus</i> sp.	Xf subsp. fastidiosa	A			
23	MYVCO	<i>Myrtus communis</i>	Xf subsp. fastidiosa	A			
24	NEROL	<i>Nerium oleander</i>	Xf subsp. fastidiosa	A			
25	PELGV	<i>Pelargonium graveolens</i>	Xf subsp. fastidiosa	A			
26	PLUOD	<i>Pluchea odorata</i>	Xf subsp. fastidiosa	A			
27	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. fastidiosa	A			
28	PRNAV	<i>Prunus avium</i>	Xf subsp. fastidiosa	A			
29	PRNDU	<i>Prunus dulcis</i>	Xf subsp. fastidiosa	A			
30	PRNPS	<i>Prunus persica</i>	Xf subsp. fastidiosa	A			
31	PRNSS	<i>Prunus</i> sp.	Xf subsp. fastidiosa	A			
32	PSISS	<i>Psidium</i> sp.	Xf subsp. fastidiosa	A			
33	RHAAL	<i>Rhamnus alaternus</i>	Xf subsp. fastidiosa	A			
34	RUBDI	<i>Rubus rigidus</i>	Xf subsp. fastidiosa	A			
35	RUBUR	<i>Rubus ursinus</i>	Xf subsp. fastidiosa	A			
36	RUACH	<i>Ruta chalepensis</i>	Xf subsp. fastidiosa	A			
37	RMSOF	<i>Salvia rosmarinus</i>	Xf subsp. fastidiosa	A			
38	SAMCN	<i>Sambucus canadensis</i>	Xf subsp. fastidiosa	A			
39	SAMSS	<i>Sambucus</i> sp.	Xf subsp. fastidiosa	A			
40	SPUJU	<i>Spartium junceum</i>	Xf subsp. fastidiosa	A			
41	STZRE	<i>Strelitzia reginae</i>	Xf subsp. fastidiosa	A			
42	SRQHY	<i>Streptocarpus hybrids</i>	Xf subsp. fastidiosa	A			
43	TEUCP	<i>Teucrium capitatum</i>	Xf subsp. fastidiosa	A			
44	ULEEU	<i>Ulex europaeus</i>	Xf subsp. fastidiosa	A			
45	ULMAM	<i>Ulmus americana</i>	Xf subsp. fastidiosa	A			
46	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. fastidiosa	A			
47	VINMA	<i>Vinca major</i>	Xf subsp. fastidiosa	A			
48	VINSS	<i>Vinca</i> sp.	Xf subsp. fastidiosa	A			
49	VITAE	<i>Vitis aestivalis</i>	Xf subsp. fastidiosa	A			
50	CC227A	<i>Vitis aestivalis hybrid</i>	Xf subsp. fastidiosa	A			
51	VITCL	<i>Vitis californica</i>	Xf subsp. fastidiosa	A			
52	VITCA	<i>Vitis candicans</i>	Xf subsp. fastidiosa	A			
53	CC238A	<i>Vitis cinerea</i> var. <i>helleri</i> × <i>V. vulpina</i>	Xf subsp. fastidiosa	A			
54	VITGI	<i>Vitis girdiana</i>	Xf subsp. fastidiosa	A			
55	VITHD	<i>Vitis hybrids</i>	Xf subsp. fastidiosa	A			
56	VITRF	<i>Vitis rotundifolia</i>	Xf subsp. fastidiosa	A			
57	VITSS	<i>Vitis</i> sp.	Xf subsp. fastidiosa	A			
58	VITVI	<i>Vitis vinifera</i>	Xf subsp. fastidiosa	A			
59	BRNPA	<i>Broussonetia papyrifera</i>	Xf subsp. fastidiosa				C
60	QUESS	<i>Quercus</i> sp.	Xf subsp. fastidiosa				C
61	ULMSS	<i>Ulmus</i> sp.	Xf subsp. fastidiosa				C

N	Plant EPPO code	Plant species	Pest	Category
1	ACACL	<i>Acacia cultriformis</i>	Xf subsp. multiplex	A
2	ACADA	<i>Acacia dealbata</i>	Xf subsp. multiplex	A
3	ACALO	<i>Acacia longifolia</i>	Xf subsp. multiplex	A
4	ACAME	<i>Acacia melanoxydon</i>	Xf subsp. multiplex	A
5	ACASA	<i>Acacia saligna</i>	Xf subsp. multiplex	A
6	ACASS	<i>Acacia</i> sp.	Xf subsp. multiplex	A
7	ACRGS	<i>Acer griseum</i>	Xf subsp. multiplex	A
8	ACRPP	<i>Acer pseudoplatanus</i>	Xf subsp. multiplex	A
9	ACRRB	<i>Acer rubrum</i>	Xf subsp. multiplex	A
10	ADCCL	<i>Adenocarpus lainzii</i>	Xf subsp. multiplex	A
11	ALURH	<i>Alnus rhombifolia</i>	Xf subsp. multiplex	A
12	AMBPS	<i>Ambrosia psilostachya</i>	Xf subsp. multiplex	A
13	AMBSS	<i>Ambrosia</i> sp.	Xf subsp. multiplex	A
14	AMBTR	<i>Ambrosia trifida</i>	Xf subsp. multiplex	A
15	AMBIT	<i>Ambrosia trifida</i> var. <i>texana</i>	Xf subsp. multiplex	A
16	AMCCO	<i>Ampelopsis cordata</i>	Xf subsp. multiplex	A
17	AYLBJ	<i>Anthyllis barba-jovis</i>	Xf subsp. multiplex	A
18	AYLHE	<i>Anthyllis hermanniae</i>	Xf subsp. multiplex	A
19	CC135A	<i>Periwinkle</i> (common name)	Xf subsp. multiplex	A
20	ARDUN	<i>Arbutus unedo</i>	Xf subsp. multiplex	A
21	CHYFR	<i>Argyranthemum frutescens</i>	Xf subsp. multiplex	A
22	ARTAB	<i>Artemisia absinthium</i>	Xf subsp. multiplex	A
23	ARTAO	<i>Artemisia arborescens</i>	Xf subsp. multiplex	A
24	ARTSS	<i>Artemisia</i> sp.	Xf subsp. multiplex	A
25	ASPAC	<i>Asparagus acutifolius</i>	Xf subsp. multiplex	A
26	ATUFF	<i>Athyrium filix-femina</i>	Xf subsp. multiplex	A
27	BACHA	<i>Baccharis halimifolia</i>	Xf subsp. multiplex	A
28	BEBTH	<i>Berberis thunbergii</i>	Xf subsp. multiplex	A
29	CCOSP	<i>Calicotome spinosa</i>	Xf subsp. multiplex	A
30	CCOVI	<i>Calicotome villosa</i>	Xf subsp. multiplex	A
31	CLXCI	<i>Callistemon citrinus</i>	Xf subsp. multiplex	A
32	CUNVU	<i>Calluna vulgaris</i>	Xf subsp. multiplex	A
33	KLCBR	<i>Calocephalus brownii</i>	Xf subsp. multiplex	A
34	CYAIL	<i>Carya illinoensis</i>	Xf subsp. multiplex	A
35	CYASS	<i>Carya</i> sp.	Xf subsp. multiplex	A
36	CETOC	<i>Celtis occidentalis</i>	Xf subsp. multiplex	A
37	CCSCA	<i>Cercis canadensis</i>	Xf subsp. multiplex	A
38	CCSOC	<i>Cercis occidentalis</i>	Xf subsp. multiplex	A
39	CCSSI	<i>Cercis siliquastrum</i>	Xf subsp. multiplex	A
40	CHEAL	<i>Chenopodium album</i>	Xf subsp. multiplex	A
41	CIOSS	<i>Chionanthus</i> sp.	Xf subsp. multiplex	A
42	CSTAL	<i>Cistus albidus</i>	Xf subsp. multiplex	A
43	CSTIC	<i>Cistus creticus</i>	Xf subsp. multiplex	A
44	CSTPS	<i>Cistus inflatus</i>	Xf subsp. multiplex	A
45	CSTMO	<i>Cistus monspeliensis</i>	Xf subsp. multiplex	A
46	CSTSA	<i>Cistus salviifolius</i>	Xf subsp. multiplex	A
47	CSTSS	<i>Cistus</i> sp.	Xf subsp. multiplex	A
48	CLVCI	<i>Clematis cirrhosa</i>	Xf subsp. multiplex	A
49	CLVVT	<i>Clematis vitalba</i>	Xf subsp. multiplex	A

N	Plant EPPO code	Plant species	Pest	Category
50	CONCN	<i>Convolvulus cneorum</i>	Xf subsp. multiplex	A
51	CPMRE	<i>Coprosma repens</i>	Xf subsp. multiplex	A
52	CZRVL	<i>Coronilla valentina</i>	Xf subsp. multiplex	A
53	CZRVG	<i>Coronilla valentina</i> subsp. <i>glauca</i>	Xf subsp. multiplex	A
54	SAOSC	<i>Cytisus scoparius</i>	Xf subsp. multiplex	A
55	CZSSS	<i>Cytisus</i> sp.	Xf subsp. multiplex	A
56	CC274A	<i>Cytisus spinosa</i>	Xf subsp. multiplex	A
57	CZSVI	<i>Cytisus villosus</i>	Xf subsp. multiplex	A
58	OSPEK	<i>Dimorphotheca ecklonis</i>	Xf subsp. multiplex	A
59	OSPFR	<i>Dimorphotheca fruticosa</i>	Xf subsp. multiplex	A
60	INUVI	<i>Dittrichia viscosa</i>	Xf subsp. multiplex	A
61	DODVI	<i>Dodonaea viscosa</i>	Xf subsp. multiplex	A
62	EHIPL	<i>Echium plantagineum</i>	Xf subsp. multiplex	A
63	ELGAN	<i>Elaeagnus angustifolia</i>	Xf subsp. multiplex	A
64	ELGEB	<i>Elaeagnus</i> × <i>submacrophylla</i>	Xf subsp. multiplex	A
65	ENCFA	<i>Encelia farinosa</i>	Xf subsp. multiplex	A
66	EIACN	<i>Erica cinerea</i>	Xf subsp. multiplex	A
67	ERICA	<i>Erigeron canadensis</i>	Xf subsp. multiplex	A
68	ERIKA	<i>Erigeron karvinskianus</i>	Xf subsp. multiplex	A
69	ERQUM	<i>Eriocephalus africanus</i>	Xf subsp. multiplex	A
70	EROMO	<i>Erodium moschatum</i>	Xf subsp. multiplex	A
71	EYOCH	<i>Euryops chrysanthemoides</i>	Xf subsp. multiplex	A
72	EYOPE	<i>Euryops pectinatus</i>	Xf subsp. multiplex	A
73	POLCU	<i>Fallopia japonica</i>	Xf subsp. multiplex	A
74	FIUCA	<i>Ficus carica</i>	Xf subsp. multiplex	A
75	RHAFR	<i>Frangula alnus</i>	Xf subsp. multiplex	A
76	FRXAM	<i>Fraxinus americana</i>	Xf subsp. multiplex	A
77	FRXAN	<i>Fraxinus angustifolia</i>	Xf subsp. multiplex	A
78	FRXSS	<i>Fraxinus</i> sp.	Xf subsp. multiplex	A
79	GAZRI	<i>Gazania rigens</i>	Xf subsp. multiplex	A
80	GENCO	<i>Genista corsica</i>	Xf subsp. multiplex	A
81	GENEP	<i>Genista ephedroides</i>	Xf subsp. multiplex	A
82	GENSC	<i>Genista scorpius</i>	Xf subsp. multiplex	A
83	GENSS	<i>Genista</i> sp.	Xf subsp. multiplex	A
84	QEMTR	<i>Genista tridentata</i>	Xf subsp. multiplex	A
85	CC279A	<i>Genista valdes-bermejoi</i>	Xf subsp. multiplex	A
86	GENSA	<i>Genista</i> × <i>spachiana</i>	Xf subsp. multiplex	A
87	GIKBI	<i>Ginkgo biloba</i>	Xf subsp. multiplex	A
88	GLITR	<i>Gleditsia triacanthos</i>	Xf subsp. multiplex	A
89	GREJU	<i>Grevillea juniperina</i>	Xf subsp. multiplex	A
90	HBEEL	<i>Hebe elliptica</i>	Xf subsp. multiplex	A
91	HBESS	<i>Hebe</i> sp.	Xf subsp. multiplex	A
92	HELAN	<i>Helianthus annuus</i>	Xf subsp. multiplex	A
93	HELSS	<i>Helianthus</i> sp.	Xf subsp. multiplex	A
94	HECIT	<i>Helichrysum italicum</i>	Xf subsp. multiplex	A
95	HECSS	<i>Helichrysum</i> sp.	Xf subsp. multiplex	A
96	HECST	<i>Helichrysum stoechas</i>	Xf subsp. multiplex	A
97	HIBSY	<i>Hibiscus syriacus</i>	Xf subsp. multiplex	A
98	HYPAN	<i>Hypericum androsaemum</i>	Xf subsp. multiplex	A

N	Plant EPPO code	Plant species	Pest	Category				
99	HYPPE	<i>Hypericum perforatum</i>	Xf subsp. multiplex	A				
100	ILEAQ	<i>Ilex aquifolium</i>	Xf subsp. multiplex	A				
101	IVAAN	<i>Iva annua</i>	Xf subsp. multiplex	A				
102	SENBI	<i>Jacobaea maritima</i>	Xf subsp. multiplex	A				
103	KOTBI	<i>Koelreuteria bipinnata</i>	Xf subsp. multiplex	A				
104	LAEIN	<i>Lagerstroemia indica</i>	Xf subsp. multiplex	A				
105	LAESS	<i>Lagerstroemia</i> sp.	Xf subsp. multiplex	A				
106	LURNO	<i>Laurus nobilis</i>	Xf subsp. multiplex	A				
107	LAVAN	<i>Lavandula angustifolia</i>	Xf subsp. multiplex	A				
108	LAVDE	<i>Lavandula dentata</i>	Xf subsp. multiplex	A				
109	LAVLA	<i>Lavandula latifolia</i>	Xf subsp. multiplex	A				
110	LAVSS	<i>Lavandula</i> sp.	Xf subsp. multiplex	A				
111	LAVST	<i>Lavandula stoechas</i>	Xf subsp. multiplex	A				
112	LAVHE	<i>Lavandula</i> × <i>heterophylla</i>	Xf subsp. multiplex	A				
113	LAVIN	<i>Lavandula</i> × <i>intermedia</i>	Xf subsp. multiplex	A				
114	LVACR	<i>Lavatera cretica</i>	Xf subsp. multiplex	A				
115	LIQST	<i>Liquidambar styraciflua</i>	Xf subsp. multiplex	A				
116	LONIM	<i>Lonicera implexa</i>	Xf subsp. multiplex	A				
117	LONJA	<i>Lonicera japonica</i>	Xf subsp. multiplex	A				
118	LONPE	<i>Lonicera periclymenum</i>	Xf subsp. multiplex	A				
119	LUPAD	<i>Lupinus aridorum</i>	Xf subsp. multiplex	A				
120	LUPVI	<i>Lupinus villosus</i>	Xf subsp. multiplex	A				
121	MAGGR	<i>Magnolia grandiflora</i>	Xf subsp. multiplex	A				
122	MAGSO	<i>Magnolia</i> × <i>soulangeana</i>	Xf subsp. multiplex	A				
123	MEDAR	<i>Medicago arborea</i>	Xf subsp. multiplex	A				
124	MEDSA	<i>Medicago sativa</i>	Xf subsp. multiplex	A				
125	MTDEX	<i>Metrosideros excelsa</i>	Xf subsp. multiplex	A				
126	MTDSS	<i>Metrosideros</i> sp.	Xf subsp. multiplex	A				
127	MYMLA	<i>Myoporum laetum</i>	Xf subsp. multiplex	A				
128	MYMSS	<i>Myoporum</i> sp.	Xf subsp. multiplex	A				
129	MYVCO	<i>Myrtus communis</i>	Xf subsp. multiplex	A				
130	NEROL	<i>Nerium oleander</i>	Xf subsp. multiplex	A				
131	OLVEU	<i>Olea europaea</i>	Xf subsp. multiplex	A				
132	OLVES	<i>Olea europaea</i> subsp. <i>sylvestris</i>	Xf subsp. multiplex	A				
133	OLVSS	<i>Olea</i> sp.	Xf subsp. multiplex	A				
134	PELGV	<i>Pelargonium graveolens</i>	Xf subsp. multiplex	A				
135	PELSS	<i>Pelargonium</i> sp.	Xf subsp. multiplex	A				
136	PEKAB	<i>Perovskia abrotanoides</i>	Xf subsp. multiplex	A				
137	PGASA	<i>Phagnalon saxatile</i>	Xf subsp. multiplex	A				
138	PLRAN	<i>Phillyrea angustifolia</i>	Xf subsp. multiplex	A				
139	PLMFR	<i>Phlomis fruticosa</i>	Xf subsp. multiplex	A				
140	PLMIT	<i>Phlomis italica</i>	Xf subsp. multiplex	A				
141	PIAVE	<i>Pistacia vera</i>	Xf subsp. multiplex	A				
142	PLALA	<i>Plantago lanceolata</i>	Xf subsp. multiplex	A				
143	PLTOC	<i>Platanus occidentalis</i>	Xf subsp. multiplex	A				
144	PLTSS	<i>Platanus</i> sp.	Xf subsp. multiplex	A				
145	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. multiplex	A				
146	CC207A	<i>Polygala</i> × <i>grandiflora nana</i>	Xf subsp. multiplex	A				
147	PRNAR	<i>Prunus armeniaca</i>	Xf subsp. multiplex	A				

N	Plant EPPO code	Plant species	Pest	Category				
148	PRNAV	<i>Prunus avium</i>	Xf subsp. multiplex	A				
149	PRNCF	<i>Prunus cerasifera</i>	Xf subsp. multiplex	A				
150	PRNCE	<i>Prunus cerasus</i>	Xf subsp. multiplex	A				
151	PRNDO	<i>Prunus domestica</i>	Xf subsp. multiplex	A				
152	PRNDU	<i>Prunus dulcis</i>	Xf subsp. multiplex	A				
153	PRNLR	<i>Prunus laurocerasus</i>	Xf subsp. multiplex	A				
154	PRNME	<i>Prunus mexicana</i>	Xf subsp. multiplex	A				
155	PRNPS	<i>Prunus persica</i>	Xf subsp. multiplex	A				
156	PRNSC	<i>Prunus salicina</i>	Xf subsp. multiplex	A				
157	PRNSS	<i>Prunus</i> sp.	Xf subsp. multiplex	A				
158	PTEAQ	<i>Pteridium aquilinum</i>	Xf subsp. multiplex	A				
159	QUECO	<i>Quercus coccinea</i>	Xf subsp. multiplex	A				
160	QUEFC	<i>Quercus falcata</i>	Xf subsp. multiplex	A				
161	QUEIL	<i>Quercus ilex</i>	Xf subsp. multiplex	A				
162	QUELA	<i>Quercus laevis</i>	Xf subsp. multiplex	A				
163	QUEMC	<i>Quercus macrocarpa</i>	Xf subsp. multiplex	A				
164	QUENI	<i>Quercus nigra</i>	Xf subsp. multiplex	A				
165	QUEPA	<i>Quercus palustris</i>	Xf subsp. multiplex	A				
166	QUEPH	<i>Quercus phellos</i>	Xf subsp. multiplex	A				
167	QUEPU	<i>Quercus pubescens</i>	Xf subsp. multiplex	A				
168	QUERO	<i>Quercus robur</i>	Xf subsp. multiplex	A				
169	QUERU	<i>Quercus rubra</i>	Xf subsp. multiplex	A				
170	QUESH	<i>Quercus shumardii</i>	Xf subsp. multiplex	A				
171	QUESS	<i>Quercus</i> sp.	Xf subsp. multiplex	A				
172	QUESU	<i>Quercus suber</i>	Xf subsp. multiplex	A				
173	RATCO	<i>Ratibida columnifera</i>	Xf subsp. multiplex	A				
174	LGOMO	<i>Retama monosperma</i>	Xf subsp. multiplex	A				
175	RHAAL	<i>Rhamnus alaternus</i>	Xf subsp. multiplex	A				
176	ROBPS	<i>Robinia pseudoacacia</i>	Xf subsp. multiplex	A				
177	ROSCN	<i>Rosa canina</i>	Xf subsp. multiplex	A				
178	ROSSS	<i>Rosa</i> sp.	Xf subsp. multiplex	A				
179	RUBSS	<i>Rubus</i> sp.	Xf subsp. multiplex	A				
180	RUBUL	<i>Rubus ulmifolius</i>	Xf subsp. multiplex	A				
181	RUAGR	<i>Ruta graveolens</i>	Xf subsp. multiplex	A				
182	SALMF	<i>Salvia mellifera</i>	Xf subsp. multiplex	A				
183	SALOF	<i>Salvia officinalis</i>	Xf subsp. multiplex	A				
184	RMSOF	<i>Salvia rosmarinus</i>	Xf subsp. multiplex	A				
185	SALSS	<i>Salvia</i> sp.	Xf subsp. multiplex	A				
186	SAMNI	<i>Sambucus nigra</i>	Xf subsp. multiplex	A				
187	SAMSS	<i>Sambucus</i> sp.	Xf subsp. multiplex	A				
188	SNTCH	<i>Santolina chamaecyparissus</i>	Xf subsp. multiplex	A				
189	SNTMA	<i>Santolina magonica</i>	Xf subsp. multiplex	A				
190	SNTSS	<i>Santolina</i> sp.	Xf subsp. multiplex	A				
191	SAKSA	<i>Sapindus saponaria</i>	Xf subsp. multiplex	A				
192	SXLAM	<i>Scabiosa atropurpurea</i> var. <i>maritima</i>	Xf subsp. multiplex	A				
193	SOOVI	<i>Solidago virgaurea</i>	Xf subsp. multiplex	A				
194	SPUJU	<i>Spartium junceum</i>	Xf subsp. multiplex	A				
195	SPUSS	<i>Spartium</i> sp.	Xf subsp. multiplex	A				
196	STZRE	<i>Strelitzia reginae</i>	Xf subsp. multiplex	A				

N	Plant EPPO code	Plant species	Pest	Category			
197	SYRVU	<i>Syringa vulgaris</i>	Xf subsp. multiplex	A			
198	ULEEU	<i>Ulex europaeus</i>	Xf subsp. multiplex	A			
199	ULEMI	<i>Ulex minor</i>	Xf subsp. multiplex	A			
200	ULEPA	<i>Ulex parviflorus</i>	Xf subsp. multiplex	A			
201	ULESS	<i>Ulex</i> sp.	Xf subsp. multiplex	A			
202	ULMAM	<i>Ulmus americana</i>	Xf subsp. multiplex	A			
203	ULMCR	<i>Ulmus crassifolia</i>	Xf subsp. multiplex	A			
204	ULMSS	<i>Ulmus</i> sp.	Xf subsp. multiplex	A			
205	VACAH	<i>Vaccinium ashei</i>	Xf subsp. multiplex	A			
206	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. multiplex	A			
207	VACSS	<i>Vaccinium</i> sp.	Xf subsp. multiplex	A			
208	VIBTI	<i>Viburnum tinus</i>	Xf subsp. multiplex	A			
209	VINMA	<i>Vinca major</i>	Xf subsp. multiplex	A			
210	VINSS	<i>Vinca</i> sp.	Xf subsp. multiplex	A			
211	VIXAC	<i>Vitex agnus-castus</i>	Xf subsp. multiplex	A			
212	WESRO	<i>Westringia fruticosa</i>	Xf subsp. multiplex	A			
213	XANST	<i>Xanthium strumarium</i>	Xf subsp. multiplex	A			
214	ACRPL	<i>Acer platanoides</i>	Xf subsp. multiplex			C	
215	CCOSS	<i>Calicotome</i> sp.	Xf subsp. multiplex			C	
216	CSTIS	<i>Cistus</i> × <i>incanus</i>	Xf subsp. multiplex			C	
217	LIRTU	<i>Liriodendron tulipifera</i>	Xf subsp. multiplex			C	
218	POGSS	<i>Polygala</i> sp.	Xf subsp. multiplex			C	
219	CC206A	<i>Polygala</i> × <i>dalmaisiana</i>	Xf subsp. multiplex			C	
220	RHASS	<i>Rhamnus</i> sp.	Xf subsp. multiplex			C	
221	VITVI	<i>Vitis vinifera</i>	Xf subsp. multiplex			C	

N	Plant EPPO code	Plant species	Pest	Category			
1	ACASA	<i>Acacia saligna</i>	Xf subsp. pauca	A			
2	ACASS	<i>Acacia</i> sp.	Xf subsp. pauca	A			
3	AMARE	<i>Amaranthus retroflexus</i>	Xf subsp. pauca	A			
4	CC135A	<i>Periwinkle</i> (common name)	Xf subsp. pauca	A			
5	ASPAC	<i>Asparagus acutifolius</i>	Xf subsp. pauca	A			
6	CTURO	<i>Catharanthus roseus</i>	Xf subsp. pauca	A			
7	CHEAL	<i>Chenopodium album</i>	Xf subsp. pauca	A			
8	CSTAL	<i>Cistus albidus</i>	Xf subsp. pauca	A			
9	CSTIC	<i>Cistus creticus</i>	Xf subsp. pauca	A			
10	CIDSI	<i>Citrus sinensis</i>	Xf subsp. pauca	A			
11	CIDSS	<i>Citrus</i> sp.	Xf subsp. pauca	A			
12	COFAR	<i>Coffea arabica</i>	Xf subsp. pauca	A			
13	COFSS	<i>Coffea</i> sp.	Xf subsp. pauca	A			
14	OSPFR	<i>Dimorphotheca fruticosa</i>	Xf subsp. pauca	A			
15	DODVI	<i>Dodonaea viscosa</i>	Xf subsp. pauca	A			
16	ELGAN	<i>Elaeagnus angustifolia</i>	Xf subsp. pauca	A			
17	EMHMA	<i>Eremophila maculata</i>	Xf subsp. pauca	A			
18	ERIBO	<i>Erigeron bonariensis</i>	Xf subsp. pauca	A			
19	ERISS	<i>Erigeron</i> sp.	Xf subsp. pauca	A			
20	ERISU	<i>Erigeron sumatrensis</i>	Xf subsp. pauca	A			
21	EPHCH	<i>Euphorbia chamaesyce</i>	Xf subsp. pauca	A			
22	EPHTE	<i>Euphorbia terracina</i>	Xf subsp. pauca	A			

N	Plant EPPO code	Plant species	Pest	Category			
23	GENHS	<i>Genista hirsuta</i>	Xf subsp. pauca	A			
24	GREJU	<i>Grevillea juniperina</i>	Xf subsp. pauca	A			
25	HBESS	<i>Hebe</i> sp.	Xf subsp. pauca	A			
26	HEOEU	<i>Heliotropium europaeum</i>	Xf subsp. pauca	A			
27	HIBRS	<i>Hibiscus rosa-sinensis</i>	Xf subsp. pauca	A			
28	HIBSS	<i>Hibiscus</i> sp.	Xf subsp. pauca	A			
29	LURNO	<i>Laurus nobilis</i>	Xf subsp. pauca	A			
30	LAVAN	<i>Lavandula angustifolia</i>	Xf subsp. pauca	A			
31	LAVDE	<i>Lavandula dentata</i>	Xf subsp. pauca	A			
32	LAVSS	<i>Lavandula</i> sp.	Xf subsp. pauca	A			
33	LAVST	<i>Lavandula stoechas</i>	Xf subsp. pauca	A			
34	MYMIN	<i>Myoporum insulare</i>	Xf subsp. pauca	A			
35	MYVCO	<i>Myrtus communis</i>	Xf subsp. pauca	A			
36	NEROL	<i>Nerium oleander</i>	Xf subsp. pauca	A			
37	OLVEU	<i>Olea europaea</i>	Xf subsp. pauca	A			
38	OLVES	<i>Olea europaea</i> subsp. <i>sylvestris</i>	Xf subsp. pauca	A			
39	PELFR	<i>Pelargonium fragrans</i>	Xf subsp. pauca	A			
40	PELSS	<i>Pelargonium</i> sp.	Xf subsp. pauca	A			
41	PLRLA	<i>Phillyrea latifolia</i>	Xf subsp. pauca	A			
42	PIAVE	<i>Pistacia vera</i>	Xf subsp. pauca	A			
43	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. pauca	A			
44	PRNAV	<i>Prunus avium</i>	Xf subsp. pauca	A			
45	PRNDO	<i>Prunus domestica</i>	Xf subsp. pauca	A			
46	PRNDU	<i>Prunus dulcis</i>	Xf subsp. pauca	A			
47	PRNSS	<i>Prunus</i> sp.	Xf subsp. pauca	A			
48	RHAAL	<i>Rhamnus alaternus</i>	Xf subsp. pauca	A			
49	RMSOF	<i>Salvia rosmarinus</i>	Xf subsp. pauca	A			
50	SPUJU	<i>Spartium junceum</i>	Xf subsp. pauca	A			
51	THYVU	<i>Thymus vulgaris</i>	Xf subsp. pauca	A			
52	ULEPA	<i>Ulex parviflorus</i>	Xf subsp. pauca	A			
53	VINMI	<i>Vinca minor</i>	Xf subsp. pauca	A			
54	WESRO	<i>Westringia fruticosa</i>	Xf subsp. pauca	A			
55	WESGL	<i>Westringia glabra</i>	Xf subsp. pauca	A			
56	POGSS	<i>Polygala</i> sp.	Xf subsp. pauca			C	
57	PRNPS	<i>Prunus persica</i>	Xf subsp. pauca			C	
58	QUEIL	<i>Quercus ilex</i>	Xf subsp. pauca			C	
59	SALOF	<i>Salvia officinalis</i>	Xf subsp. pauca			C	
N	Plant EPPO code	Plant species	Pest	Category			
1	MORAL	<i>Morus alba</i>	Xf subsp. morus	A			
2	MORRU	<i>Morus rubra</i>	Xf subsp. morus	A			
3	MORSS	<i>Morus</i> sp.	Xf subsp. morus	A			
4	NANDO	<i>Nandina domestica</i>	Xf subsp. morus	A			
N	Plant EPPO code	Plant species	Pest	Category			
1	COFAR	<i>Coffea arabica</i>	Xf subsp. sandyi	A			
2	COFSS	<i>Coffea</i> sp.	Xf subsp. sandyi	A			
3	HEGSS	<i>Hemerocallis</i> sp.	Xf subsp. sandyi	A			
4	IACMI	<i>Jacaranda mimosifolia</i>	Xf subsp. sandyi	A			

N	Plant EPPO code	Plant species	Pest	Category			
5	MAGGR	<i>Magnolia grandiflora</i>	Xf subsp. sandyi	A			
6	NANDO	<i>Nandina domestica</i>	Xf subsp. sandyi	A			
7	NEROL	<i>Nerium oleander</i>	Xf subsp. sandyi	A			
8	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. sandyi			C	
N	Plant EPPO code	Plant species	Pest	Category			
1	CXKTA	<i>Chitalpa tashkentensis</i>	Xf subsp. tashke	A			
N	Plant EPPO code	Plant species	Pest	Category			
1	COFAR	<i>Coffea arabica</i>	Xf subsp. fastidiosa/sandyi	A			
2	COFCA	<i>Coffea canephora</i>	Xf subsp. fastidiosa/sandyi	A			
N	Plant EPPO code	Plant species	Pest	Category			
1	PYUPY	<i>Pyrus pyrifolia</i>	Xylella taiwanensis	A			

Appendix B – Host plant species artificially infected

List of host plant species, artificially infected, of *X. fastidiosa* subsp. unknown (i.e. not reported in the publication), subsp. *fastidiosa*, subsp. *morus*, subsp. *multiplex*, subsp. *pauca*, subsp. *sandyi* and subsp. *tashke* according to categories A, B, C, D, E (as reported in Section 2.4.2):

- A.** Plant species positive with at least two detection methods (among symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation).
- B.** The same as point A, but also including microscopy: plant species positive with at least two detection methods (among microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation).
- C.** Plant species positive with at least one detection method (among symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- D.** Plant species positive with at least one detection method including microscopy (microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- E.** All positives plant species reported, regardless of the detection methods (positive records but without the detection method specified, symptom observations, microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing, pure culture isolation).

N	Plant EPPO code	Plant species	Pest	Category
1	ACRMA	<i>Acer macrophyllum</i>	Xf subsp. unknown	A
2	ACRNE	<i>Acer negundo</i>	Xf subsp. unknown	A
3	AECCA	<i>Aesculus californica</i>	Xf subsp. unknown	A
4	ALURH	<i>Alnus rhombifolia</i>	Xf subsp. unknown	A
5	AMBEL	<i>Ambrosia artemisiifolia</i>	Xf subsp. unknown	A
6	AMBSS	<i>Ambrosia</i> sp.	Xf subsp. unknown	A
7	CC135A	<i>Periwinkle (common name)</i>	Xf subsp. unknown	A
8	ARBTH	<i>Arabidopsis thaliana</i>	Xf subsp. unknown	A
9	ARTDO	<i>Artemisia douglasiana</i>	Xf subsp. unknown	A
10	BACPI	<i>Baccharis pilularis</i>	Xf subsp. unknown	A
11	BACSF	<i>Baccharis salicifolia</i>	Xf subsp. unknown	A
12	BRSNI	<i>Brassica nigra</i>	Xf subsp. unknown	A
13	CYAIL	<i>Carya illinoensis</i>	Xf subsp. unknown	A
14	CTURO	<i>Catharanthus roseus</i>	Xf subsp. unknown	A
15	CIDAF	<i>Citrus aurantiifolia</i>	Xf subsp. unknown	A
16	CIDCL	<i>Citrus clementina</i>	Xf subsp. unknown	A
17	CC153A	<i>Citrus clementina</i> × <i>C. sinensis</i>	Xf subsp. unknown	A
18	CIDJA	<i>Citrus jambhiri</i>	Xf subsp. unknown	A
19	CIDRH	<i>Citrus reshni</i>	Xf subsp. unknown	A
20	CIDRE	<i>Citrus reticulata</i>	Xf subsp. unknown	A
21	CIDSI	<i>Citrus sinensis</i>	Xf subsp. unknown	A
22	CIDSS	<i>Citrus</i> sp.	Xf subsp. unknown	A
23	CIDRA	<i>Citrus sunki</i>	Xf subsp. unknown	A
24	CIDUN	<i>Citrus unshiu</i>	Xf subsp. unknown	A
25	CIDLO	<i>Citrus</i> × <i>limonia</i>	Xf subsp. unknown	A
26	CIDNO	<i>Citrus</i> × <i>nobilis</i>	Xf subsp. unknown	A
27	COFAR	<i>Coffea arabica</i>	Xf subsp. unknown	A

N	Plant EPPO code	Plant species	Pest	Category				
28	COFSS	<i>Coffea</i> sp.	Xf subsp. unknown	A				
29	COIMA	<i>Conium maculatum</i>	Xf subsp. unknown	A				
30	CPMRE	<i>Coprosma repens</i>	Xf subsp. unknown	A				
31	CORSA	<i>Coriandrum sativum</i>	Xf subsp. unknown	A				
32	CYPER	<i>Cyperus eragrostis</i>	Xf subsp. unknown	A				
33	ECHCG	<i>Echinochloa crus-galli</i>	Xf subsp. unknown	A				
34	FAGES	<i>Fagopyrum esculentum</i>	Xf subsp. unknown	A				
35	FRXLA	<i>Fraxinus latifolia</i>	Xf subsp. unknown	A				
36	CC181A	<i>Hakea petiolaris</i>	Xf subsp. unknown	A				
37	HEEHE	<i>Hedera helix</i>	Xf subsp. unknown	A				
38	LOUMA	<i>Lobularia maritima</i>	Xf subsp. unknown	A				
39	MEDSA	<i>Medicago sativa</i>	Xf subsp. unknown	A				
40	MORAL	<i>Morus alba</i>	Xf subsp. unknown	A				
41	MORSS	<i>Morus</i> sp.	Xf subsp. unknown	A				
42	NEROL	<i>Nerium oleander</i>	Xf subsp. unknown	A				
43	NIOBE	<i>Nicotiana benthamiana</i>	Xf subsp. unknown	A				
44	NIOTA	<i>Nicotiana tabacum</i>	Xf subsp. unknown	A				
45	PRTQU	<i>Parthenocissus quinquefolia</i>	Xf subsp. unknown	A				
46	PEBAM	<i>Persea americana</i>	Xf subsp. unknown	A				
47	PLTOC	<i>Platanus occidentalis</i>	Xf subsp. unknown	A				
48	POPFR	<i>Populus fremontii</i>	Xf subsp. unknown	A				
49	PRNCF	<i>Prunus cerasifera</i>	Xf subsp. unknown	A				
50	PRNDU	<i>Prunus dulcis</i>	Xf subsp. unknown	A				
51	PRNPS	<i>Prunus persica</i>	Xf subsp. unknown	A				
52	PRNSC	<i>Prunus salicina</i>	Xf subsp. unknown	A				
53	PRNSS	<i>Prunus</i> sp.	Xf subsp. unknown	A				
54	PYUPY	<i>Pyrus pyrifolia</i>	Xf subsp. unknown	A				
55	QUEAG	<i>Quercus agrifolia</i>	Xf subsp. unknown	A				
56	QUELO	<i>Quercus lobata</i>	Xf subsp. unknown	A				
57	QUERU	<i>Quercus rubra</i>	Xf subsp. unknown	A				
58	RHUDI	<i>Rhus diversiloba</i>	Xf subsp. unknown	A				
59	ROSCA	<i>Rosa californica</i>	Xf subsp. unknown	A				
60	RUBHP	<i>Rubus hedycarpus</i> subsp. <i>procerus</i>	Xf subsp. unknown	A				
61	RUBDI	<i>Rubus rigidus</i>	Xf subsp. unknown	A				
62	RUBUR	<i>Rubus ursinus</i>	Xf subsp. unknown	A				
63	SAXLG	<i>Salix laevigata</i>	Xf subsp. unknown	A				
64	SAXLL	<i>Salix lasiolepis</i>	Xf subsp. unknown	A				
65	SALAP	<i>Salvia apiana</i>	Xf subsp. unknown	A				
66	SALMF	<i>Salvia mellifera</i>	Xf subsp. unknown	A				
67	SAMCN	<i>Sambucus canadensis</i>	Xf subsp. unknown	A				
68	SAMSS	<i>Sambucus</i> sp.	Xf subsp. unknown	A				
69	SPUJU	<i>Spartium junceum</i>	Xf subsp. unknown	A				
70	SWAGA	<i>Swainsona galegifolia</i>	Xf subsp. unknown	A				
71	SYPAL	<i>Symphoricarpos albus</i>	Xf subsp. unknown	A				
72	TLNMO	<i>Teline monspessulana</i>	Xf subsp. unknown	A				
73	ULMAM	<i>Ulmus americana</i>	Xf subsp. unknown	A				
74	UMBCA	<i>Umbellularia californica</i>	Xf subsp. unknown	A				
75	URTDI	<i>Urtica dioica</i>	Xf subsp. unknown	A				
76	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. unknown	A				

N	Plant EPPO code	Plant species	Pest	Category			
77	VACSS	<i>Vaccinium</i> sp.	Xf subsp. unknown	A			
78	VICSA	<i>Vicia sativa</i>	Xf subsp. unknown	A			
79	VINMA	<i>Vinca major</i>	Xf subsp. unknown	A			
80	VINMI	<i>Vinca minor</i>	Xf subsp. unknown	A			
81	CC229A	<i>Vitis arizonica</i> × <i>V. rupestris</i>	Xf subsp. unknown	A			
82	CC233A	<i>Vitis arizonica/candicans</i> × <i>V. rupestris</i>	Xf subsp. unknown	A			
83	VITCL	<i>Vitis californica</i>	Xf subsp. unknown	A			
84	CC241A	<i>Vitis labrusca</i> × <i>V. vinifera</i>	Xf subsp. unknown	A			
85	VITRF	<i>Vitis rotundifolia</i>	Xf subsp. unknown	A			
86	CC244A	<i>Vitis rotundifolia</i> × <i>V. rupestris</i>	Xf subsp. unknown	A			
87	VITRU	<i>Vitis rupestris</i>	Xf subsp. unknown	A			
88	VITSS	<i>Vitis</i> sp.	Xf subsp. unknown	A			
89	VITVI	<i>Vitis vinifera</i>	Xf subsp. unknown	A			
90	MORRU	<i>Morus rubra</i>	Xf subsp. unknown		B		
91	PRNDO	<i>Prunus domestica</i>	Xf subsp. unknown		B		
92	CC232A	<i>Vitis arizonica/candicans</i>	Xf subsp. unknown		B		
93	CC249A	<i>Vitis aestivalis</i> var. <i>smalliana</i>	Xf subsp. unknown		B		
94	CC256A	<i>Vitis rufotomentosa</i>	Xf subsp. unknown		B		
95	FRSAC	<i>Ambrosia acanthicarpa</i>	Xf subsp. unknown			C	
96	AMBT	<i>Ambrosia trifida</i> var. <i>texana</i>	Xf subsp. unknown			C	
97	AMSDO	<i>Amsinckia douglasiana</i>	Xf subsp. unknown			C	
98	BRORI	<i>Anisantha rigida</i>	Xf subsp. unknown			C	
99	AVEFA	<i>Avena fatua</i>	Xf subsp. unknown			C	
100	BRAPL	<i>Brachiaria plantaginea</i>	Xf subsp. unknown			C	
101	BROSS	<i>Bromus</i> sp.	Xf subsp. unknown			C	
102	CSPCH	<i>Callistephus chinensis</i>	Xf subsp. unknown			C	
103	CNNSS	<i>Canna</i> sp.	Xf subsp. unknown			C	
104	BROCA	<i>Ceratochloa cathartica</i>	Xf subsp. unknown			C	
105	CC154A	<i>Citrus deliciosa</i> × <i>C. sinensis</i>	Xf subsp. unknown			C	
106	CIDME	<i>Citrus medica</i>	Xf subsp. unknown			C	
107	CIDTG	<i>Citrus tangerina</i>	Xf subsp. unknown			C	
108	CIDRP	<i>Citrus</i> × <i>tangelo</i>	Xf subsp. unknown			C	
109	GODGR	<i>Clarkia amoena</i> subsp. <i>lindleyi</i>	Xf subsp. unknown			C	
110	CPMBA	<i>Coprosma baueri</i>	Xf subsp. unknown			C	
111	CTTRT	<i>Cotoneaster rotundifolius</i>	Xf subsp. unknown			C	
112	CYNDA	<i>Cynodon dactylon</i>	Xf subsp. unknown			C	
113	CYPES	<i>Cyperus esculentus</i>	Xf subsp. unknown			C	
114	SAOSC	<i>Cytisus scoparius</i>	Xf subsp. unknown			C	
115	DAUCS	<i>Daucus carota</i> subsp. <i>sativus</i>	Xf subsp. unknown			C	
116	DIGSA	<i>Digitaria sanguinalis</i>	Xf subsp. unknown			C	
117	CHEAM	<i>Dysphania ambrosioides</i>	Xf subsp. unknown			C	
118	EPIPC	<i>Epilobium brachycarpum</i>	Xf subsp. unknown			C	
119	EPICT	<i>Epilobium ciliatum</i>	Xf subsp. unknown			C	
120	ERADF	<i>Eragrostis diffusa</i>	Xf subsp. unknown			C	
121	EROCI	<i>Erodium cicutarium</i>	Xf subsp. unknown			C	
122	POLCO	<i>Fallopia convolvulus</i>	Xf subsp. unknown			C	
123	GREAL	<i>Grevillea alpina</i>	Xf subsp. unknown			C	
124	HELAN	<i>Helianthus annuus</i>	Xf subsp. unknown			C	
125	HORMU	<i>Hordeum murinum</i>	Xf subsp. unknown			C	

N	Plant EPPO code	Plant species	Pest	Category
126	HORVX	<i>Hordeum vulgare</i>	Xf subsp. unknown	C
127	IVAAN	<i>Iva annua</i>	Xf subsp. unknown	C
128	LACSE	<i>Lactuca serriola</i>	Xf subsp. unknown	C
129	LTHCI	<i>Lathyrus cicera</i>	Xf subsp. unknown	C
130	LTHCL	<i>Lathyrus clymenum</i>	Xf subsp. unknown	C
131	LTHSA	<i>Lathyrus sativus</i>	Xf subsp. unknown	C
132	LEKLA	<i>Leptospermum laevigatum</i>	Xf subsp. unknown	C
133	LOLMU	<i>Lolium multiflorum</i>	Xf subsp. unknown	C
134	LOLTE	<i>Lolium temulentum</i>	Xf subsp. unknown	C
135	LONJA	<i>Lonicera japonica</i>	Xf subsp. unknown	C
136	MEUAL	<i>Melilotus albus</i>	Xf subsp. unknown	C
137	MEUAA	<i>Melilotus albus var. annuus</i>	Xf subsp. unknown	C
138	MEUIN	<i>Melilotus indicus</i>	Xf subsp. unknown	C
139	MEUOF	<i>Melilotus officinalis</i>	Xf subsp. unknown	C
140	MENSS	<i>Mentha</i> sp.	Xf subsp. unknown	C
141	OENSA	<i>Oenanthe sarmentosa</i>	Xf subsp. unknown	C
142	OEOEL	<i>Oenothera elata</i>	Xf subsp. unknown	C
143	OLVEU	<i>Olea europaea</i>	Xf subsp. unknown	C
144	PRTTR	<i>Parthenocissus tricuspidata</i>	Xf subsp. unknown	C
145	PASDI	<i>Paspalum dilatatum</i>	Xf subsp. unknown	C
146	PELZO	<i>Pelargonium × hortorum</i>	Xf subsp. unknown	C
147	PESCL	<i>Pennisetum clandestinum</i>	Xf subsp. unknown	C
148	PESGL	<i>Pennisetum glaucum</i>	Xf subsp. unknown	C
149	POLPE	<i>Persicaria maculosa</i>	Xf subsp. unknown	C
150	PHAMI	<i>Phalaris minor</i>	Xf subsp. unknown	C
151	PHAPA	<i>Phalaris paradoxa</i>	Xf subsp. unknown	C
152	PHLPR	<i>Phleum pratense</i>	Xf subsp. unknown	C
153	PHNAR	<i>Photinia arbutifolia</i>	Xf subsp. unknown	C
154	PTUCR	<i>Pittosporum crassifolium</i>	Xf subsp. unknown	C
155	PLTSS	<i>Platanus</i> sp.	Xf subsp. unknown	C
156	POAAN	<i>Poa annua</i>	Xf subsp. unknown	C
157	PMITR	<i>Poncirus trifoliata</i>	Xf subsp. unknown	C
158	RESOD	<i>Reseda odorata</i>	Xf subsp. unknown	C
159	RHERP	<i>Rheum rhaponticum</i>	Xf subsp. unknown	C
160	RUBVI	<i>Rubus vitifolius</i>	Xf subsp. unknown	C
161	RUMCR	<i>Rumex crispus</i>	Xf subsp. unknown	C
162	SAMGL	<i>Sambucus cerulea</i>	Xf subsp. unknown	C
163	SONAS	<i>Sonchus asper</i>	Xf subsp. unknown	C
164	SORHA	<i>Sorghum halepense</i>	Xf subsp. unknown	C
165	SORSU	<i>Sorghum × drummondii</i>	Xf subsp. unknown	C
166	SYRVU	<i>Syringa vulgaris</i>	Xf subsp. unknown	C
167	SYZPA	<i>Syzygium paniculatum</i>	Xf subsp. unknown	C
168	TRFFR	<i>Trifolium fragiferum</i>	Xf subsp. unknown	C
169	TRFHY	<i>Trifolium hybridum</i>	Xf subsp. unknown	C
170	TRFIN	<i>Trifolium incarnatum</i>	Xf subsp. unknown	C
171	TRFPR	<i>Trifolium pratense</i>	Xf subsp. unknown	C
172	TRFRE	<i>Trifolium repens</i>	Xf subsp. unknown	C
173	CC260A	<i>Trifolium repens var. latum</i>	Xf subsp. unknown	C
174	URTLY	<i>Urtica dioica subsp. gracilis</i>	Xf subsp. unknown	C

N	Plant EPPO code	Plant species	Pest	Category		
175	VICMO	<i>Vicia monantha</i>	Xf subsp. unknown		C	
176	VITAC	<i>Vitis acerifolia</i>	Xf subsp. unknown		C	
177	VITAE	<i>Vitis aestivalis</i>	Xf subsp. unknown		C	
178	VITAZ	<i>Vitis arizonica</i>	Xf subsp. unknown		C	
179	CC271A	<i>Vitis arizonica hybrid</i>	Xf subsp. unknown		C	
180	CC234A	<i>Vitis arizonica/girdiana</i>	Xf subsp. unknown		C	
181	CC235A	<i>Vitis arizonica/girdiana</i> × <i>V. rupestris</i>	Xf subsp. unknown		C	
182	VITBE	<i>Vitis berlandieri</i>	Xf subsp. unknown		C	
183	VITCA	<i>Vitis candicans</i>	Xf subsp. unknown		C	
184	VITCI	<i>Vitis cinerea</i>	Xf subsp. unknown		C	
185	CC239A	<i>Vitis cinerea</i> × <i>V. berlandieri</i>	Xf subsp. unknown		C	
186	VITGI	<i>Vitis girdiana</i>	Xf subsp. unknown		C	
187	VITLA	<i>Vitis labrusca</i>	Xf subsp. unknown		C	
188	VITLI	<i>Vitis lincecumii</i>	Xf subsp. unknown		C	
189	VITMO	<i>Vitis monticola</i>	Xf subsp. unknown		C	
190	VITMU	<i>Vitis munsoniana</i>	Xf subsp. unknown		C	
191	VITPA	<i>Vitis palmata</i>	Xf subsp. unknown		C	
192	VITRI	<i>Vitis riparia</i>	Xf subsp. unknown		C	
193	VITCN	<i>Vitis simpsonii</i>	Xf subsp. unknown		C	
194	VITTI	<i>Vitis tiliaefolia</i>	Xf subsp. unknown		C	
195	VITVU	<i>Vitis vulpina</i>	Xf subsp. unknown		C	
196	VITCH	<i>Vitis</i> × <i>champinii</i>	Xf subsp. unknown		C	
197	CC252A	<i>Vitis aestivalis var. smalliana</i> × <i>V. simpsonii</i>	Xf subsp. unknown		C	
198	VITBL	<i>Vitis bloodworthiana</i>	Xf subsp. unknown		C	
199	VITNE	<i>Vitis nesbittiana</i>	Xf subsp. unknown		C	
200	CC257A	<i>Vitis shuttleworthii</i>	Xf subsp. unknown		C	
201	VLPY	<i>Vulpia myuros</i>	Xf subsp. unknown		C	
202	XANOR	<i>Xanthium orientale</i>	Xf subsp. unknown		C	
203	CC138A	(<i>Prunus salicina</i> × <i>P. angustifolia</i>) × (<i>P. salicina</i> × <i>P. munsoniana</i>)	Xf subsp. unknown			D
204	PRNAN	<i>Prunus angustifolia</i>	Xf subsp. unknown			D
205	PRNAV	<i>Prunus avium</i>	Xf subsp. unknown			D
206	CC210A	<i>Prunus cerasifera</i> × <i>P. salicina</i>	Xf subsp. unknown			D
207	CC213A	<i>Prunus salicina</i> × (<i>P. salicina</i> × <i>P. cerasifera</i>)	Xf subsp. unknown			D
208	CC231A	<i>Vitis arizonica</i> × <i>V. vinifera</i>	Xf subsp. unknown			D
209	CHEQU	<i>Chenopodium quinoa</i>	Xf subsp. unknown			E
210	CJCWE	<i>Citroncirus webberi</i>	Xf subsp. unknown			E
211	CIDMA	<i>Citrus macrophylla</i>	Xf subsp. unknown			E
212	NIOCL	<i>Nicotiana clevelandii</i>	Xf subsp. unknown			E
213	PRNAR	<i>Prunus armeniaca</i>	Xf subsp. unknown			E
214	PRNHO	<i>Prunus hortulana</i>	Xf subsp. unknown			E
215	PRNME	<i>Prunus mexicana</i>	Xf subsp. unknown			E
216	PRNMM	<i>Prunus mume</i>	Xf subsp. unknown			E
N	Plant EPPO code	Plant species	Pest	Category		
1	AMABL	<i>Amaranthus blitoides</i>	Xf subsp. fastidiosa	A		
2	FRSAC	<i>Ambrosia acanthicarpa</i>	Xf subsp. fastidiosa	A		

N	Plant EPPO code	Plant species	Pest	Category			
3	AMBEL	<i>Ambrosia artemisiifolia</i>	Xf subsp. fastidiosa	A			
4	CTURO	<i>Catharanthus roseus</i>	Xf subsp. fastidiosa	A			
5	CHEQU	<i>Chenopodium quinoa</i>	Xf subsp. fastidiosa	A			
6	COIMA	<i>Conium maculatum</i>	Xf subsp. fastidiosa	A			
7	CONAR	<i>Convolvulus arvensis</i>	Xf subsp. fastidiosa	A			
8	CYPES	<i>Cyperus esculentus</i>	Xf subsp. fastidiosa	A			
9	DATWR	<i>Datura wrightii</i>	Xf subsp. fastidiosa	A			
10	ECHCG	<i>Echinochloa crus-galli</i>	Xf subsp. fastidiosa	A			
11	ERICA	<i>Erigeron canadensis</i>	Xf subsp. fastidiosa	A			
12	ERBGR	<i>Eriochloa gracilis</i>	Xf subsp. fastidiosa	A			
13	EROMO	<i>Erodium moschatum</i>	Xf subsp. fastidiosa	A			
14	EUCCM	<i>Eucalyptus camaldulensis</i>	Xf subsp. fastidiosa	A			
15	EUCGL	<i>Eucalyptus globulus</i>	Xf subsp. fastidiosa	A			
16	HELAN	<i>Helianthus annuus</i>	Xf subsp. fastidiosa	A			
17	PHBPU	<i>Ipomoea purpurea</i>	Xf subsp. fastidiosa	A			
18	LACSE	<i>Lactuca serriola</i>	Xf subsp. fastidiosa	A			
19	MALPA	<i>Malva parviflora</i>	Xf subsp. fastidiosa	A			
20	MEDSA	<i>Medicago sativa</i>	Xf subsp. fastidiosa	A			
21	NIOGL	<i>Nicotiana glauca</i>	Xf subsp. fastidiosa	A			
22	NIOTA	<i>Nicotiana tabacum</i>	Xf subsp. fastidiosa	A			
23	POPTR	<i>Populus tremula</i>	Xf subsp. fastidiosa	A			
24	POROL	<i>Portulaca oleracea</i>	Xf subsp. fastidiosa	A			
25	PRNDU	<i>Prunus dulcis</i>	Xf subsp. fastidiosa	A			
26	PRNSS	<i>Prunus</i> sp.	Xf subsp. fastidiosa	A			
27	RUBUR	<i>Rubus ursinus</i>	Xf subsp. fastidiosa	A			
28	RUMCR	<i>Rumex crispus</i>	Xf subsp. fastidiosa	A			
29	SAXAL	<i>Salix alba</i>	Xf subsp. fastidiosa	A			
30	SMMCH	<i>Simmondsia chinensis</i>	Xf subsp. fastidiosa	A			
31	LYPES	<i>Solanum lycopersicum</i>	Xf subsp. fastidiosa	A			
32	SOLME	<i>Solanum melongena</i>	Xf subsp. fastidiosa	A			
33	SONOL	<i>Sonchus oleraceus</i>	Xf subsp. fastidiosa	A			
34	SORHA	<i>Sorghum halepense</i>	Xf subsp. fastidiosa	A			
35	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. fastidiosa	A			
36	VACSS	<i>Vaccinium</i> sp.	Xf subsp. fastidiosa	A			
37	VICFX	<i>Vicia faba</i>	Xf subsp. fastidiosa	A			
38	VICSA	<i>Vicia sativa</i>	Xf subsp. fastidiosa	A			
39	VITSS	<i>Vitis</i> sp.	Xf subsp. fastidiosa	A			
40	VITVI	<i>Vitis vinifera</i>	Xf subsp. fastidiosa	A			
41	CC247A	<i>Vitis vinifera hybrid</i>	Xf subsp. fastidiosa	A			
42	XANST	<i>Xanthium strumarium</i>	Xf subsp. fastidiosa	A			
43	ARBTH	<i>Arabidopsis thaliana</i>	Xf subsp. fastidiosa		B		
44	CHYHO	<i>Dendranthema × grandiflorum</i>	Xf subsp. fastidiosa			C	
45	LURNO	<i>Laurus nobilis</i>	Xf subsp. fastidiosa			C	
46	MYVCO	<i>Myrtus communis</i>	Xf subsp. fastidiosa			C	
47	NIOBE	<i>Nicotiana benthamiana</i>	Xf subsp. fastidiosa			C	
48	OLVEU	<i>Olea europaea</i>	Xf subsp. fastidiosa			C	
49	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. fastidiosa			C	
50	POPCN	<i>Populus × canescens</i>	Xf subsp. fastidiosa			C	
51	PRNAR	<i>Prunus armeniaca</i>	Xf subsp. fastidiosa			C	

N	Plant EPPO code	Plant species	Pest	Category			
52	PRNDO	<i>Prunus domestica</i>	Xf subsp. fastidiosa			C	
53	CC211A	<i>Prunus dulcis</i> × <i>P. webbii</i>	Xf subsp. fastidiosa			C	
54	PRNPS	<i>Prunus persica</i>	Xf subsp. fastidiosa			C	
55	CC212A	<i>Prunus persica</i> × <i>P. webbii</i>	Xf subsp. fastidiosa			C	
56	PRNWE	<i>Prunus webbii</i>	Xf subsp. fastidiosa			C	
57	PYUCO	<i>Pyrus communis</i>	Xf subsp. fastidiosa			C	
58	QUEPE	<i>Quercus petraea</i>	Xf subsp. fastidiosa			C	
59	RUBDI	<i>Rubus rigidus</i>	Xf subsp. fastidiosa			C	
60	SAXCP	<i>Salix caprea</i>	Xf subsp. fastidiosa			C	
61	SAMCN	<i>Sambucus canadensis</i>	Xf subsp. fastidiosa			C	
62	VINMA	<i>Vinca major</i>	Xf subsp. fastidiosa			C	
63	CC277A	<i>Vitis</i> × <i>doaniana</i>	Xf subsp. fastidiosa			C	
64	VITAC	<i>Vitis acerifolia</i>	Xf subsp. fastidiosa			C	
65	VITAE	<i>Vitis aestivalis</i>	Xf subsp. fastidiosa			C	
66	VITAZ	<i>Vitis arizonica</i>	Xf subsp. fastidiosa			C	
67	CC232A	<i>Vitis arizonica/candicans</i>	Xf subsp. fastidiosa			C	
68	VITBE	<i>Vitis berlandieri</i>	Xf subsp. fastidiosa			C	
69	VITCL	<i>Vitis californica</i>	Xf subsp. fastidiosa			C	
70	VITCA	<i>Vitis candicans</i>	Xf subsp. fastidiosa			C	
71	CC237A	<i>Vitis champinii</i> × (<i>V. solonis</i> × <i>V. othello</i>)	Xf subsp. fastidiosa			C	
72	VITCI	<i>Vitis cinerea</i>	Xf subsp. fastidiosa			C	
73	VITGI	<i>Vitis girdiana</i>	Xf subsp. fastidiosa			C	
74	VITLA	<i>Vitis labrusca</i>	Xf subsp. fastidiosa			C	
75	VITMO	<i>Vitis monticola</i>	Xf subsp. fastidiosa			C	
76	VITRI	<i>Vitis riparia</i>	Xf subsp. fastidiosa			C	
77	VITRU	<i>Vitis rupestris</i>	Xf subsp. fastidiosa			C	
78	VITTI	<i>Vitis tiliifolia</i>	Xf subsp. fastidiosa			C	
79	VITTL	<i>Vitis treleasei</i>	Xf subsp. fastidiosa			C	
80	VITVU	<i>Vitis vulpina</i>	Xf subsp. fastidiosa			C	
81	VITNE	<i>Vitis nesbittiana</i>	Xf subsp. fastidiosa			C	
82	CC257A	<i>Vitis shuttleworthii</i>	Xf subsp. fastidiosa			C	
83	LIQST	<i>Liquidambar styraciflua</i>	Xf subsp. fastidiosa				E
N	Plant EPPO code	Plant species	Pest	Category			
1	ACRRB	<i>Acer rubrum</i>	Xf subsp. multiplex	A			
1	AMBEL	<i>Ambrosia artemisiifolia</i>	Xf subsp. multiplex	A			
1	CYAIL	<i>Carya illinoensis</i>	Xf subsp. multiplex	A			
1	LIQST	<i>Liquidambar styraciflua</i>	Xf subsp. multiplex	A			
1	MEDSA	<i>Medicago sativa</i>	Xf subsp. multiplex	A			
1	NIOTA	<i>Nicotiana tabacum</i>	Xf subsp. multiplex	A			
1	OLVEU	<i>Olea europaea</i>	Xf subsp. multiplex	A			
1	PIAVE	<i>Pistacia vera</i>	Xf subsp. multiplex	A			
1	PLTOC	<i>Platanus occidentalis</i>	Xf subsp. multiplex	A			
1	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. multiplex	A			
1	PRNCF	<i>Prunus cerasifera</i>	Xf subsp. multiplex	A			
1	PRNDU	<i>Prunus dulcis</i>	Xf subsp. multiplex	A			
1	PRNPS	<i>Prunus persica</i>	Xf subsp. multiplex	A			
1	PRNSS	<i>Prunus</i> sp.	Xf subsp. multiplex	A			

N	Plant EPPO code	Plant species	Pest	Category			
1	QUEFC	<i>Quercus falcata</i>	Xf subsp. multiplex	A			
1	RUBFR	<i>Rubus fruticosus</i>	Xf subsp. multiplex	A			
1	RUBUR	<i>Rubus ursinus</i>	Xf subsp. multiplex	A			
1	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. multiplex	A			
1	VITVI	<i>Vitis vinifera</i>	Xf subsp. multiplex	A			
1	BIDPI	<i>Bidens pilosa</i>	Xf subsp. multiplex				C
1	CTURO	<i>Catharanthus roseus</i>	Xf subsp. multiplex				C
1	LEPRU	<i>Lepidium ruderales</i>	Xf subsp. multiplex				C
1	MABSD	<i>Malus domestica</i>	Xf subsp. multiplex				C
1	NEROL	<i>Nerium oleander</i>	Xf subsp. multiplex				C
1	PRNAR	<i>Prunus armeniaca</i>	Xf subsp. multiplex				C
1	PRNAV	<i>Prunus avium</i>	Xf subsp. multiplex				C
1	PRNDO	<i>Prunus domestica</i>	Xf subsp. multiplex				C
1	CC212A	<i>Prunus persica</i> × <i>P. webbii</i>	Xf subsp. multiplex				C
1	PRNSC	<i>Prunus salicina</i>	Xf subsp. multiplex				C
1	PRNWE	<i>Prunus webbii</i>	Xf subsp. multiplex				C
1	PYUCO	<i>Pyrus communis</i>	Xf subsp. multiplex				C
1	QUEPE	<i>Quercus petraea</i>	Xf subsp. multiplex				C
1	RAPSR	<i>Raphanus sativus</i>	Xf subsp. multiplex				C
1	SAXAL	<i>Salix alba</i>	Xf subsp. multiplex				C
1	SOLAM	<i>Solanum americanum</i>	Xf subsp. multiplex				C
1	VACSS	<i>Vaccinium</i> sp.	Xf subsp. multiplex				E
N	Plant EPPO code	Plant species	Pest	Category			
1	BIDPI	<i>Bidens pilosa</i>	Xf subsp. pauca	A			
2	BRADC	<i>Brachiaria decumbens</i>	Xf subsp. pauca	A			
3	BRAPL	<i>Brachiaria plantaginea</i>	Xf subsp. pauca	A			
4	CTURO	<i>Catharanthus roseus</i>	Xf subsp. pauca	A			
5	CIDRE	<i>Citrus reticulata</i>	Xf subsp. pauca	A			
6	CIDSI	<i>Citrus sinensis</i>	Xf subsp. pauca	A			
7	CIDSS	<i>Citrus</i> sp.	Xf subsp. pauca	A			
8	CIDNO	<i>Citrus</i> × <i>nobilis</i>	Xf subsp. pauca	A			
9	COFAR	<i>Coffea arabica</i>	Xf subsp. pauca	A			
10	COFSS	<i>Coffea</i> sp.	Xf subsp. pauca	A			
11	ECHCG	<i>Echinochloa crus-galli</i>	Xf subsp. pauca	A			
12	IASAZ	<i>Jasminum azoricum</i>	Xf subsp. pauca	A			
13	MEDSA	<i>Medicago sativa</i>	Xf subsp. pauca	A			
14	NEROL	<i>Nerium oleander</i>	Xf subsp. pauca	A			
15	NIOCL	<i>Nicotiana clevelandii</i>	Xf subsp. pauca	A			
16	NIOTA	<i>Nicotiana tabacum</i>	Xf subsp. pauca	A			
17	OCIBA	<i>Ocimum basilicum</i>	Xf subsp. pauca	A			
18	OLVEU	<i>Olea europaea</i>	Xf subsp. pauca	A			
19	POGMY	<i>Polygala myrtifolia</i>	Xf subsp. pauca	A			
20	SOLAM	<i>Solanum americanum</i>	Xf subsp. pauca	A			
21	ARBTH	<i>Arabidopsis thaliana</i>	Xf subsp. pauca			B	
22	CC135A	<i>Periwinkle</i> (common name)	Xf subsp. pauca				C
23	CHEAL	<i>Chenopodium album</i>	Xf subsp. pauca				C
24	DIGHO	<i>Digitaria horizontalis</i>	Xf subsp. pauca				C
25	MABSD	<i>Malus domestica</i>	Xf subsp. pauca				C

N	Plant EPPO code	Plant species	Pest	Category			
26	PRNAV	<i>Prunus avium</i>	Xf subsp. pauca			C	
27	PRNDO	<i>Prunus domestica</i>	Xf subsp. pauca			C	
28	PRNDU	<i>Prunus dulcis</i>	Xf subsp. pauca			C	
29	PYUCO	<i>Pyrus communis</i>	Xf subsp. pauca			C	
30	QUEPE	<i>Quercus petraea</i>	Xf subsp. pauca			C	
31	SAXAL	<i>Salix alba</i>	Xf subsp. pauca			C	
32	RMSOF	<i>Salvia rosmarinus</i>	Xf subsp. pauca			C	
33	VITVI	<i>Vitis vinifera</i>	Xf subsp. pauca			C	
N	Plant EPPO code	Plant species	Pest	Category			
1	MORAL	<i>Morus alba</i>	Xf subsp. morus	A			
2	NEROL	<i>Nerium oleander</i>	Xf subsp. morus	A			
N	Plant EPPO code	Plant species	Pest	Category			
1	CTURO	<i>Catharanthus roseus</i>	Xf subsp. sandyi	A			
2	MEDSA	<i>Medicago sativa</i>	Xf subsp. sandyi	A			
3	NEROL	<i>Nerium oleander</i>	Xf subsp. sandyi	A			
4	PRNDU	<i>Prunus dulcis</i>	Xf subsp. sandyi	A			
5	VINMA	<i>Vinca major</i>	Xf subsp. sandyi	A			
6	COFAR	<i>Coffea arabica</i>	Xf subsp. sandyi			C	
7	MABSD	<i>Malus domestica</i>	Xf subsp. sandyi			C	
8	NIOTA	<i>Nicotiana tabacum</i>	Xf subsp. sandyi			C	
9	OLVEU	<i>Olea europaea</i>	Xf subsp. sandyi			C	
10	PYUCO	<i>Pyrus communis</i>	Xf subsp. sandyi			C	
11	VITVI	<i>Vitis vinifera</i>	Xf subsp. sandyi			C	
N	Plant EPPO code	Plant species	Pest	Category			
1	NIOBE	<i>Nicotiana benthamiana</i>	Xf subsp. tashke			C	

Appendix C – Host plant species infected in unspecified conditions

List of host plant species, infected in conditions not specified (i.e. the kind of infection (natural or artificial) was not specified in the reference), of *X. fastidiosa* subsp. unknown (i.e. not reported in the publication), subsp. *fastidiosa*, subsp. *multiplex*, subsp. *pauca* and subsp. *sandyi* according to categories A, B, C, D, E (as reported in Section 2.4.2):

- A.** Plant species positive with at least two detection methods (among symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation).
- B.** The same as point A, but also including microscopy: plant species positive with at least two detection methods (among microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation) or positive with one method (between sequencing and pure culture isolation).
- C.** Plant species positive with at least one detection method (among symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- D.** Plant species positive with at least one detection method including microscopy (microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing and pure culture isolation).
- E.** All positives plant species reported, regardless of the detection methods (positive records but without the detection method specified, symptom observations, microscopy, symptoms observation on the test plant in experimental vector transmission, ELISA, other immunological techniques, PCR-based methods, sequencing, pure culture isolation).

N	Plant EPPO code	Plant species	Pest	Category			
1	AMCAR	<i>Ampelopsis arborea</i>	Xf subsp. unknown	A			
2	CTURO	<i>Catharanthus roseus</i>	Xf subsp. unknown	A			
3	CTUSS	<i>Catharanthus</i> sp.	Xf subsp. unknown	A			
4	CIDJA	<i>Citrus jambhiri</i>	Xf subsp. unknown	A			
5	CIDSI	<i>Citrus sinensis</i>	Xf subsp. unknown	A			
6	COFAR	<i>Coffea arabica</i>	Xf subsp. unknown	A			
7	HIBSH	<i>Hibiscus schizopetalus</i>	Xf subsp. unknown	A			
8	MORNI	<i>Morus nigra</i>	Xf subsp. unknown	A			
9	NEROL	<i>Nerium oleander</i>	Xf subsp. unknown	A			
10	PRNPS	<i>Prunus persica</i>	Xf subsp. unknown	A			
11	PRNSS	<i>Prunus</i> sp.	Xf subsp. unknown	A			
12	SAMCN	<i>Sambucus canadensis</i>	Xf subsp. unknown	A			
13	VITMU	<i>Vitis munsoniana</i>	Xf subsp. unknown	A			
14	VITRF	<i>Vitis rotundifolia</i>	Xf subsp. unknown	A			
15	VITSS	<i>Vitis</i> sp.	Xf subsp. unknown	A			
16	VITVI	<i>Vitis vinifera</i>	Xf subsp. unknown	A			
17	AMBSS	<i>Ambrosia</i> sp.	Xf subsp. unknown		B		
18	CC135A	<i>Periwinkle (common name)</i>	Xf subsp. unknown		B		
19	ACRSS	<i>Acer</i> sp.	Xf subsp. unknown			C	
20	CYAIL	<i>Carya illinoensis</i>	Xf subsp. unknown			C	
21	CIDSS	<i>Citrus</i> sp.	Xf subsp. unknown			C	
22	PRNDU	<i>Prunus dulcis</i>	Xf subsp. unknown			C	
23	PRNSC	<i>Prunus salicina</i>	Xf subsp. unknown			C	
24	PYUSS	<i>Pyrus</i> sp.	Xf subsp. unknown			C	
25	TLNMO	<i>Teline monspessulana</i>	Xf subsp. unknown			C	
26	VACDA	<i>Vaccinium darrowii</i>	Xf subsp. unknown			C	

N	Plant EPPO code	Plant species	Pest	Category		
27	VACSS	<i>Vaccinium</i> sp.	Xf subsp. unknown		C	
28	PRNAN	<i>Prunus angustifolia</i>	Xf subsp. unknown			D
29	VITLA	<i>Vitis labrusca</i>	Xf subsp. unknown			D
30	MORSS	<i>Morus</i> sp.	Xf subsp. unknown			E
31	NIOTA	<i>Nicotiana tabacum</i>	Xf subsp. unknown			E
N	Plant EPPO code	Plant species	Pest	Category		
1	AMBEL	<i>Ambrosia artemisiifolia</i>	Xf subsp. fastidiosa	A		
2	LUPSS	<i>Lupinus</i> sp.	Xf subsp. fastidiosa	A		
3	PRNDU	<i>Prunus dulcis</i>	Xf subsp. fastidiosa	A		
4	SAMSS	<i>Sambucus</i> sp.	Xf subsp. fastidiosa	A		
5	VITRF	<i>Vitis rotundifolia</i>	Xf subsp. fastidiosa	A		
6	VITSS	<i>Vitis</i> sp.	Xf subsp. fastidiosa	A		
7	VITVI	<i>Vitis vinifera</i>	Xf subsp. fastidiosa	A		
N	Plant EPPO code	Plant species	Pest	Category		
1	AMBTR	<i>Ambrosia trifida</i>	Xf subsp. multiplex	A		
2	MORSS	<i>Morus</i> sp.	Xf subsp. multiplex	A		
3	PLTSS	<i>Platanus</i> sp.	Xf subsp. multiplex	A		
4	PRNCF	<i>Prunus cerasifera</i>	Xf subsp. multiplex	A		
5	PRNDO	<i>Prunus domestica</i>	Xf subsp. multiplex	A		
6	PRNDU	<i>Prunus dulcis</i>	Xf subsp. multiplex	A		
7	PRNSC	<i>Prunus salicina</i>	Xf subsp. multiplex	A		
8	QUESS	<i>Quercus</i> sp.	Xf subsp. multiplex	A		
9	RUBFR	<i>Rubus fruticosus</i>	Xf subsp. multiplex	A		
10	RUBSS	<i>Rubus</i> sp.	Xf subsp. multiplex	A		
11	VACCO	<i>Vaccinium corymbosum</i>	Xf subsp. multiplex	A		
12	CC225A	<i>Vaccinium corymbosum</i> × <i>V. angustifolium</i> hybrid	Xf subsp. multiplex	A		
13	VINSS	<i>Vinca</i> sp.	Xf subsp. multiplex	A		
14	LIQST	<i>Liquidambar styraciflua</i>	Xf subsp. multiplex			C
15	QUELA	<i>Quercus laevis</i>	Xf subsp. multiplex			C
16	QUERU	<i>Quercus rubra</i>	Xf subsp. multiplex			C
N	Plant EPPO code	Plant species	Pest	Category		
1	CIDSI	<i>Citrus sinensis</i>	Xf subsp. pauca	A		
2	CIDSS	<i>Citrus</i> sp.	Xf subsp. pauca	A		
3	COFSS	<i>Coffea</i> sp.	Xf subsp. pauca	A		
4	HIBFR	<i>Hibiscus fragilis</i>	Xf subsp. pauca	A		
5	HIBSS	<i>Hibiscus</i> sp.	Xf subsp. pauca	A		
6	NEROL	<i>Nerium oleander</i>	Xf subsp. pauca	A		
7	PRNDO	<i>Prunus domestica</i>	Xf subsp. pauca	A		
8	PRNSS	<i>Prunus</i> sp.	Xf subsp. pauca	A		
N	Plant EPPO code	Plant species	Pest	Category		
1	COFAR	<i>Coffea arabica</i>	Xf subsp. sandyi	A		
2	NEROL	<i>Nerium oleander</i>	Xf subsp. sandyi			C

Appendix D – *Xylella fastidiosa* Multilocus sequence types

Number of records for each plant species natural, artificial and infected in not specified conditions by different multilocus sequence types (STs). The records for natural infection are divided per country. In general, the subspecies and the STs are reported as in the publication. If the subspecies and/or the STs are inferred from another publication or obtained from personal communication of the author of the publication, a note is added in the genotyping comment column of the Excel file available in Zenodo in the EFSA Knowledge Junction community (<https://doi.org/10.5281/zenodo.1339343>). Abbreviations: AR (Argentina), BR (Brazil), CR (Costa Rica), EC (Ecuador), FR (France), HN (Honduras), IL (Israel), IT (Italy), MX (Mexico), PT (Portugal), ES (Spain), US (United States of America).

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
<i>fastidiosa</i>			<u>22</u>				<u>2</u>		<u>21</u>	<u>5</u>	<u>82</u>	<u>137</u>		<u>269</u>	<u>256</u>	<u>9</u>	<u>534</u>
ST01							2		18		82	105		207	250	2	459
Acer sp.												1		1			1
Amaranthus blitoides															1		1
Ambrosia acanthicarpa															2		2
Calicotome spinosa										4				4			4
Catharanthus roseus															2		2
Cercis occidentalis												1		1			1
Chenopodium quinoa															2		2
Cistus monspeliensis											2			2			2
Citrus sinensis												1		1			1
Conium maculatum															2		2
Convolvulus arvensis															1		1
Cyperus esculentus															1		1
Datura wrightii															1		1
Echinochloa crus-galli															1		1
Erigeron canadensis															1		1
Eriochloa gracilis															1		1
Erodium moschatum															2		2
Eucalyptus camaldulensis															2		2
Eucalyptus globulus															1		1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection	Infection not specified	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total	Total	Total	
<i>Ficus carica</i>											1			1			1
<i>Genista lucida</i>											3			3			3
<i>Helianthus annuus</i>															3		3
<i>Ipomoea purpurea</i>															2		2
<i>Juglans regia</i>											4			4			4
<i>Lactuca serriola</i>															3		3
<i>Malva parviflora</i>															2		2
<i>Medicago sativa</i>												3		3	11		14
<i>Metrosideros</i> sp.												1		1			1
<i>Nicotiana benthamiana</i>															1		1
<i>Nicotiana glauca</i>															2		2
<i>Nicotiana tabacum</i>															1		1
<i>Olea europaea</i>															1		1
<i>Pluchea odorata</i>												1		1			1
<i>Polygala myrtifolia</i>											3			3	1		4
<i>Portulaca oleracea</i>															1		1
<i>Prunus avium</i>											11	2		13			13
<i>Prunus domestica</i>															1		1
<i>Prunus dulcis</i>							2				19	23		44	42	1	87
<i>Rhamnus alaternus</i>											8			8			8
<i>Rubus ursinus</i>															2		2
<i>Rumex crispus</i>															1		1
<i>Ruta chalepensis</i>											3			3			3
<i>Salix alba</i>															1		1
<i>Sambucus canadensis</i>												2		2			2
<i>Sambucus</i> sp.												1		1			1
<i>Simmondsia chinensis</i>															2		2
<i>Solanum lycopersicum</i>															1		1
<i>Solanum melongena</i>															1		1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
<i>Sonchus oleraceus</i>															1		1
<i>Sorghum halepense</i>															1		1
<i>Spartium junceum</i>												1		1			1
<i>Teucrium capitatum</i>										3				3			3
<i>Vaccinium corymbosum</i>												2		2	2		4
<i>Vaccinium</i> sp.															5		5
<i>Vicia faba</i>															1		1
<i>Vicia sativa</i>															1		1
<i>Vitis aestivalis</i>												2		2			2
<i>Vitis girdiana</i>												1		1			1
<i>Vitis</i> sp.									2			31		33		1	34
<i>Vitis vinifera</i>									16		21	32		69	128		197
<i>Vitis vinifera</i> hybrid															9		9
<i>Xanthium strumarium</i>															3		3
ST02									5			26		31	5	7	43
<i>Ambrosia artemisiifolia</i>												2		2		1	3
<i>Citrus limon</i>									1					1			1
<i>Citrus paradisi</i>									1					1			1
<i>Coffea</i> sp.												1		1			1
<i>Elaeagnus angustifolia</i>									1					1			1
<i>Myrtus communis</i>									1					1			1
<i>Polygala myrtifolia</i>															1		1
<i>Prunus domestica</i>															1		1
<i>Quercus petraea</i>															1		1
<i>Salix alba</i>															1		1
<i>Ulex europaeus</i>										1				1			1
<i>Vitis</i> hybrids												2		2			2
<i>Vitis rotundifolia</i>												6		6		1	7
<i>Vitis</i> sp.												5		5			5

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Vitis vinifera												10		10	1	5	16
ST03												1		1			1
Lupinus aridorum												1		1			1
ST04												5		5	1		6
Medicago sativa															1		1
Vitis sp.												4		4			4
Vitis vinifera												1		1			1
ST17			1											1			1
Coffea arabica			1											1			1
ST18			1											1			1
Vitis sp.			1											1			1
ST19			1											1			1
Coffea arabica			1											1			1
ST20			1											1			1
Coffea arabica			1											1			1
ST21			1											1			1
Coffea arabica			1											1			1
ST33			1											1			1
Coffea arabica			1											1			1
ST47			2											2			2
Coffea arabica			1											1			1
Vitis sp.			1											1			1
ST52			1											1			1
Coffea arabica			1											1			1
ST54			1											1			1
Coffea arabica			1											1			1
ST55			1											1			1
Coffea arabica			1											1			1
ST56			1											1			1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Coffea arabica			1											1			1
ST57			1											1			1
Coffea arabica			1											1			1
ST59			1											1			1
Vitis vinifera			1											1			1
ST60			1											1			1
Vitis vinifera			1											1			1
ST61			3											3			3
Citrus sinensis			1											1			1
Coffea arabica			2											2			2
ST72			1											1			1
Coffea arabica			1											1			1
ST75								3						3			3
Coffea canephora								3						3			3
ST76			2											2			2
Coffea arabica			2											2			2
ST77			1											1			1
Coffea arabica			1											1			1
<u>fastidiosa/sandyi</u>			3					1						4			4
ST72			2											2			2
Coffea arabica			2											2			2
ST75								1						1			1
Coffea canephora								1						1			1
ST76			1											1			1
Coffea arabica			1											1			1
<u>morus</u>												25		25			25
ST29												10		10			10
Morus alba												4		4			4
Morus rubra												4		4			4

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Morus sp.												2		2			2
ST30												5		5			5
Morus alba												4		4			4
Nandina domestica												1		1			1
ST31												6		6			6
Morus sp.												6		6			6
ST62												4		4			4
Morus alba												4		4			4
<i>multiplex</i>		5			111			120		102	249	217		804	130	16	950
ST06					16						142	16		174	57		231
Acacia saligna											4			4			4
Asparagus acutifolius											1			1			1
Calicotome spinosa											6			6			6
Catharanthus roseus															1		1
Cistus albidus											5			5			5
Cistus monspeliensis											2			2			2
Cistus salviifolius											2			2			2
Genista scorpius											1			1			1
Helichrysum italicum											11			11			11
Helichrysum stoechas											6			6			6
Laurus nobilis					1						4			5			5
Lavandula angustifolia											2			2			2
Lavandula dentata											4			4			4
Lavandula latifolia											3			3			3
Lavandula × intermedia					1									1			1
Medicago sativa															4		4
Nicotiana tabacum															5		5
Olea europaea											2	3		5	31		36
Phagnalon saxatile											4			4			4

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
<i>Polygala myrtifolia</i>					2						7			9	1		10
<i>Prunus armeniaca</i>											6			6			6
<i>Prunus cerasifera</i>															1		1
<i>Prunus domestica</i>											6			6			6
<i>Prunus dulcis</i>											49	13		62	9	1	72
<i>Quercus petraea</i>															1		1
<i>Rhamnus alaternus</i>											6			6			6
<i>Rubus ursinus</i>															1		1
<i>Salix alba</i>															1		1
<i>Salvia rosmarinus</i>											7			7			7
<i>Santolina chamaecyparissus</i>											2			2			2
<i>Spartium junceum</i>					11									11			11
<i>Spartium sp.</i>					1									1			1
<i>Ulex parviflorus</i>											2			2			2
<i>Vitis vinifera</i>															2		2
ST06 and ST07					1									1			1
<i>Cistus monspeliensis</i>					1									1			1
ST06 and/or ST07					76									76			76
<i>Acacia dealbata</i>					1									1			1
<i>Acer pseudoplatanus</i>					2									2			2
<i>Anthyllis hermanniae</i>					1									1			1
<i>Artemisia arborescens</i>					2									2			2
<i>Asparagus acutifolius</i>					2									2			2
<i>Calicotome villosa</i>					1									1			1
<i>Cercis siliquastrum</i>					1									1			1
<i>Cistus creticus</i>					1									1			1
<i>Cistus monspeliensis</i>					2									2			2
<i>Cistus salviifolius</i>					2									2			2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Coronilla valentina					2									2			2
Cytisus scoparius					1									1			1
Cytisus sp.					2									2			2
Cytisus villosus					1									1			1
Euryops chrysanthemoides					1									1			1
Genista corsica					1									1			1
Genista ephedroides					2									2			2
Genista × spachiana					2									2			2
Hebe sp.					2									2			2
Helichrysum italicum					3									3			3
Lavandula angustifolia					2									2			2
Lavandula dentata					2									2			2
Lavandula sp.					3									3			3
Lavandula stoechas					2									2			2
Lavandula × heterophylla					2									2			2
Lavandula × intermedia					3									3			3
Medicago sativa					1									1			1
Metrosideros excelsa					2									2			2
Myrtus communis					2									2			2
Pelargonium graveolens					2									2			2
Pelargonium sp.					2									2			2
Phagnalon saxatile					1									1			1
Polygala myrtifolia					7									7			7
Polygala sp.					1									1			1
Prunus cerasifera					2									2			2
Prunus dulcis					1									1			1
Quercus suber					2									2			2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection	Infection not specified	Grand total	
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total	Total	Total		
<i>Rosa canina</i>					1										1			1
<i>Salvia rosmarinus</i>					2										2			2
<i>Spartium junceum</i>					3										3			3
<i>Westringia fruticosa</i>					1										1			1
ST07					8					102	8	25			143	23		166
<i>Acacia longifolia</i>										2					2			2
<i>Acacia melanoxylon</i>										1					1			1
<i>Adenocarpus lainzii</i>										2					2			2
<i>Artemisia arborescens</i>										2					2			2
<i>Artemisia</i> sp.										2					2			2
<i>Asparagus acutifolius</i>										1					1			1
<i>Athyrium filix-femina</i>										1					1			1
<i>Berberis thunbergii</i>										1					1			1
<i>Calluna vulgaris</i>										1					1			1
<i>Catharanthus roseus</i>																1		1
<i>Cistus inflatus</i>										2					2			2
<i>Cistus salviifolius</i>										1					1			1
<i>Coprosma repens</i>										3					3			3
<i>Cytisus scoparius</i>										3					3			3
<i>Dimorphotheca ecklonis</i>										1					1			1
<i>Dodonaea viscosa</i>										2					2			2
<i>Echium plantagineum</i>										1					1			1
<i>Elaeagnus</i> × <i>submacrophylla</i>										1					1			1
<i>Erica cinerea</i>										1					1			1
<i>Erigeron canadensis</i>										1					1			1
<i>Erodium moschatum</i>										1					1			1
<i>Euryops</i> <i>chrysanthemoides</i>										1					1			1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection	Infection not specified	Grand total	
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total	Total	Total		
Frangula alnus										1					1			1
Gazania rigens										2					2			2
Genista corsica					1										1			1
Genista tridentata										1					1			1
Hebe sp.										3					3			3
Hibiscus syriacus										1					1			1
Hypericum androsaemum										1					1			1
Hypericum perforatum										1					1			1
Ilex aquifolium										2					2			2
Laurus nobilis										1					1			1
Lavandula angustifolia										2					2			2
Lavandula dentata										6					6			6
Lavandula sp.										1					1			1
Lavandula stoechas										1					1			1
Lavatera cretica										1					1			1
Lonicera periclymenum										1					1			1
Magnolia grandiflora										3					3			3
Magnolia × soulangeana										1					1			1
Medicago sativa										2					2	2		4
Metrosideros excelsa										2					2			2
Metrosideros sp.										1					1			1
Myrtus communis										2					2			2
Nerium oleander										1		1			2	1		3
Nicotiana tabacum																1		1
Olea europaea										1		7			8	4		12
Olea sp.												1			1			1
Pelargonium graveolens										1					1			1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total	
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total				
<i>Plantago lanceolata</i>										1					1			1
<i>Polygala myrtifolia</i>					6						3				9	2		11
<i>Prunus avium</i>																1		1
<i>Prunus cerasifera</i>																1		1
<i>Prunus domestica</i>																2		2
<i>Prunus dulcis</i>											5	10			15	4		19
<i>Prunus laurocerasus</i>										1					1			1
<i>Prunus persica</i>										1					1			1
<i>Prunus sp.</i>												1			1			1
<i>Pteridium aquilinum</i>										1					1			1
<i>Quercus petraea</i>																1		1
<i>Quercus robur</i>										2					2			2
<i>Quercus rubra</i>										1		2			3			3
<i>Quercus suber</i>										3					3			3
<i>Rosa sp.</i>										1					1			1
<i>Rubus fruticosus</i>																1		1
<i>Rubus ulmifolius</i>										2					2			2
<i>Salix alba</i>																1		1
<i>Salvia mellifera</i>												3			3			3
<i>Salvia officinalis</i>										1					1			1
<i>Salvia rosmarinus</i>										2					2			2
<i>Sambucus nigra</i>										1					1			1
<i>Santolina chamaecyparissus</i>										4					4			4
<i>Santolina sp.</i>										1					1			1
<i>Spartium junceum</i>					1										1			1
<i>Strelitzia reginae</i>										1					1			1
<i>Ulex europaeus</i>										2					2			2
<i>Ulex minor</i>										2					2			2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Ulex sp.										2				2			2
Vinca major										2				2			2
Vinca sp.										1				1			1
Vitis vinifera															1		1
ST07 and ST88					1									1			1
Polygala myrtifolia					1									1			1
ST08												13		13			13
Alnus rhombifolia												1		1			1
Carya illinoensis												2		2			2
Platanus occidentalis												7		7			7
Platanus sp.												1		1			1
Quercus palustris												1		1			1
Ulmus americana												1		1			1
ST09												28		28	4		32
Polygala myrtifolia															1		1
Quercus coccinea												2		2			2
Quercus falcata												1		1	1		2
Quercus laevis												2		2			2
Quercus nigra												1		1			1
Quercus palustris												11		11			11
Quercus petraea															1		1
Quercus phellos												1		1			1
Quercus robur												1		1			1
Quercus rubra												5		5			5
Quercus shumardii												1		1			1
Quercus sp.												3		3			3
Rubus fruticosus															1		1
ST10												9		9	4		13
Polygala myrtifolia															1		1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection	Infection not specified	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total	Total	Total	
<i>Prunus domestica</i>												3		3	1		4
<i>Prunus persica</i>												3		3			3
<i>Prunus</i> sp.												3		3			3
<i>Quercus petraea</i>															1		1
<i>Salix alba</i>															1		1
ST15												3		3			3
<i>Prunus cerasifera</i>												3		3			3
ST22												3		3		1	4
<i>Ambrosia psilostachya</i>												1		1			1
<i>Ambrosia trifida</i>												2		2		1	3
ST23												12		12			12
<i>Acer rubrum</i>												1		1			1
<i>Ambrosia trifida</i>												2		2			2
<i>Helianthus</i> sp.												3		3			3
<i>Iva annua</i>												2		2			2
<i>Quercus rubra</i>												1		1			1
<i>Ratibida columnifera</i>												2		2			2
<i>Solidago virgaurea</i>												1		1			1
ST24												5		5	3		8
<i>Cercis occidentalis</i>												1		1			1
<i>Liquidambar styraciflua</i>												3		3	2		5
<i>Prunus dulcis</i>															1		1
<i>Ulmus crassifolia</i>												1		1			1
ST25												4		4			4
<i>Encelia farinosa</i>												4		4			4
ST26		2										12		14	8		22
<i>Alnus rhombifolia</i>												1		1			1
<i>Bidens pilosa</i>															1		1
<i>Lepidium ruderale</i>															1		1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
<i>Prunus cerasifera</i>												2		2	1		3
<i>Prunus domestica</i>		2										1		3			3
<i>Prunus dulcis</i>															1		1
<i>Prunus persica</i>															1		1
<i>Prunus sp.</i>												8		8			8
<i>Raphanus sativus</i>															1		1
<i>Rubus fruticosus</i>															1		1
<i>Solanum americanum</i>															1		1
ST27												7		7		2	9
<i>Ginkgo biloba</i>												1		1			1
<i>Lagerstroemia sp.</i>												1		1			1
<i>Prunus cerasifera</i>																1	1
<i>Prunus dulcis</i>												2		2		1	3
<i>Prunus sp.</i>												3		3			3
ST28												4		4		1	5
<i>Ambrosia trifida</i>												2		2		1	3
<i>Helianthus sp.</i>												1		1			1
<i>Iva annua</i>												1		1			1
ST32												2		2		1	3
<i>Rubus fruticosus</i>																1	1
<i>Rubus sp.</i>												2		2			2
ST34												1		1			1
<i>Prunus cerasifera</i>												1		1			1
ST35												1		1			1
<i>Xanthium strumarium</i>												1		1			1
ST36												1		1	1		2
<i>Prunus cerasifera</i>															1		1
<i>Prunus sp.</i>												1		1			1
ST37												2		2			2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection	Infection not specified	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total	Total	Total	
Lupinus aridorum												1		1			1
Lupinus villosus												1		1			1
ST38												1		1			1
Platanus occidentalis												1		1			1
ST39												6		6			6
Koelreuteria bipinnata												1		1			1
Liquidambar styraciflua												4		4			4
Prunus sp.												1		1			1
ST40												4		4		1	5
Prunus cerasifera												3		3		1	4
Sambucus sp.												1		1			1
ST41												8		8		2	10
Prunus domestica																1	1
Prunus salicina												2		2		1	3
Prunus sp.												2		2			2
Ulmus americana												2		2			2
Ulmus sp.												2		2			2
ST42												18		18		3	21
Ambrosia trifida												2		2		1	3
Sapindus saponaria												1		1			1
Vaccinium ashei												6		6			6
Vaccinium corymbosum												3		3		1	4
Vaccinium corymbosum × V. angustifolium hybrid																1	1
Vaccinium sp.												6		6			6
ST43												7		7		2	9
Vaccinium corymbosum												2		2		1	3
																1	1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total	
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total				
<i>Vaccinium corymbosum</i> × <i>V. angustifolium</i> hybrid																		
<i>Vaccinium</i> sp.												5		5				5
ST44												2		2				2
<i>Quercus palustris</i>												1		1				1
<i>Quercus rubra</i>												1		1				1
ST45												6		6				6
<i>Acer griseum</i>												1		1				1
<i>Ampelopsis cordata</i>												1		1				1
<i>Cercis canadensis</i>												3		3				3
<i>Gleditsia triacanthos</i>												1		1				1
ST46												3		3				3
<i>Celtis occidentalis</i>												1		1				1
<i>Chionanthus</i> sp.												1		1				1
<i>Prunus armeniaca</i>												1		1				1
ST47								1						1				1
<i>Spartium junceum</i>								1						1				1
ST48												1		1				1
<i>Sapindus saponaria</i>												1		1				1
ST49												1		1				1
<i>Prunus</i> sp.												1		1				1
ST50												2		2				2
<i>Fraxinus americana</i>												1		1				1
<i>Fraxinus</i> sp.												1		1				1
ST51												4		4			1	5
Periwinkle (common name)												1		1				1
<i>Vinca</i> sp.												3		3			1	4
ST58												1		1			1	2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Ambrosia trifida												1		1		1	2
ST63		1												1			1
Prunus domestica		1												1			1
ST67		2												2	8		10
Bidens pilosa															1		1
Lepidium ruderales															1		1
Prunus domestica		2												2			2
Prunus salicina															4		4
Raphanus sativus															1		1
Solanum americanum															1		1
ST71															4		4
Bidens pilosa															1		1
Lepidium ruderales															1		1
Raphanus sativus															1		1
Solanum americanum															1		1
ST79					1									1			1
Polygala myrtifolia					1									1			1
ST81										99	1			100	17		117
Acacia saligna										2				2			2
Acacia sp.										1				1			1
Calicotome spinosa										1				1			1
Cistus albidus										4				4			4
Clematis cirrhosa										3				3			3
Ficus carica										8				8			8
Fraxinus angustifolia										3				3			3
Genista valdes-bermejoi										2				2			2
Helichrysum stoechas										4				4			4
Lavandula angustifolia										3				3			3
Lavandula dentata										3				3			3

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total	
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total				
Nerium oleander											1				1			1
Olea europaea											11	1			12		15	27
Olea europaea subsp. sylvestris											3				3			3
Phagnalon saxatile											1				1			1
Phillyrea angustifolia											3				3			3
Phlomis italica											2				2			2
Polygala myrtifolia											4				4			4
Prunus domestica											3				3			3
Prunus dulcis											14				14	1		15
Rhamnus alaternus											5				5			5
Salix alba																1		1
Salvia officinalis											3				3			3
Salvia rosmarinus											4				4			4
Santolina chamaecyparissus											5				5			5
Santolina magonica											2				2			2
Spartium junceum											2				2			2
Vitex agnus-castus											2				2			2
ST82												2			2			2
Vaccinium ashei												2			2			2
ST83												2			2			2
Vaccinium ashei												2			2			2
ST87											119				119	1		120
Acacia dealbata											3				3			3
Asparagus acutifolius											3				3			3
Calicotome spinosa											4				4			4
Calicotome villosa											3				3			3
Cercis siliquastrum											4				4			4

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection	Infection not specified	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total	Total	Total	
Cistus monspeliensis							4							4			4
Cistus salviifolius							4							4			4
Cistus sp.							6							6			6
Clematis vitalba							2							2			2
Cytisus scoparius							5							5			5
Elaeagnus angustifolia							4							4			4
Ficus carica							4							4			4
Helichrysum italicum							3							3			3
Helichrysum sp.							4							4			4
Laurus nobilis							3							3			3
Lavandula angustifolia							4							4			4
Lavandula dentata							2							2			2
Lavandula sp.							2							2			2
Lonicera implexa							3							3			3
Myrtus communis							3							3			3
Olea europaea															1		1
Phagnalon saxatile							3							3			3
Polygala myrtifolia							9							9			9
Prunus dulcis							9							9			9
Quercus ilex							1							1			1
Rhamnus alaternus							8							8			8
Rosa canina							2							2			2
Salvia rosmarinus							6							6			6
Scabiosa atropurpurea var. maritima							2							2			2
Spartium junceum							9							9			9
ST88					6									6			6
Coronilla valentina subsp. glauca					1									1			1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Dimorphotheca ecklonis					1									1			1
Euryops chrysanthemoides					1									1			1
Hebe sp.					1									1			1
Lavandula × intermedia					1									1			1
Polygala myrtifolia					1									1			1
ST89					2									2			2
Myoporum sp.					1									1			1
Viburnum tinus					1									1			1
<i>pauca</i>	8	129	10	6	4			460			38		4	659	256	23	938
ST11		52												52	14	3	69
Catharanthus roseus															2		2
Citrus sinensis		22												22	4	3	29
Citrus sp.		29												29			29
Coffea arabica															4		4
Coffea sp.		1												1			1
Nicotiana tabacum															4		4
ST12		3												3		3	6
Citrus sinensis		2												2		2	4
Citrus sp.		1												1		1	2
ST13		12												12	89	3	104
Arabidopsis thaliana															1		1
Bidens pilosa															3		3
Catharanthus roseus															14		14
Citrus reticulata															3		3
Citrus sinensis		6												6	23	3	32
Citrus sp.		6												6	21		27
Medicago sativa															3		3
Nicotiana clevelandii															1		1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total	
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total				
<i>Nicotiana tabacum</i>															12		12	
<i>Ocimum basilicum</i>															3		3	
Periwinkle (common name)															1		1	
<i>Solanum americanum</i>															4		4	
ST14		8												8		4	12	
<i>Coffea arabica</i>		1												1			1	
<i>Coffea</i> sp.		6												6		2	8	
<i>Prunus domestica</i>																1	1	
<i>Prunus</i> sp.		1												1		1	2	
ST16		42												42	15	1	58	
<i>Citrus sinensis</i>															1		1	
<i>Coffea arabica</i>		2												2	7		9	
<i>Coffea</i> sp.		17												17		1	18	
<i>Nicotiana tabacum</i>															6		6	
<i>Olea europaea</i>		23												23	1		24	
ST53			8		4			460						3	475	115	6	596
<i>Acacia saligna</i>								3						3			3	
<i>Amaranthus retroflexus</i>								3						3			3	
<i>Asparagus acutifolius</i>								3						3			3	
<i>Catharanthus roseus</i>								2						2	12		14	
<i>Chenopodium album</i>								5						5	1		6	
<i>Cistus creticus</i>								1						1			1	
<i>Coffea arabica</i>			3											2	5	1	6	
<i>Coffea</i> sp.														1	1	2	4	
<i>Dimorphotheca fruticosa</i>								1						1			1	
<i>Dodonaea viscosa</i>								2						2			2	
<i>Eremophila maculata</i>								1						1			1	

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
<i>Erigeron bonariensis</i>							3							3			3
<i>Erigeron</i> sp.							6							6			6
<i>Erigeron sumatrensis</i>							1							1			1
<i>Euphorbia chamaesyce</i>							2							2			2
<i>Euphorbia terracina</i>							1							1			1
<i>Grevillea juniperina</i>							1							1			1
<i>Hebe</i> sp.							1							1			1
<i>Heliotropium europaeum</i>							3							3			3
<i>Jasminum azoricum</i>															2		2
<i>Laurus nobilis</i>							2							2			2
<i>Lavandula angustifolia</i>							3							3			3
<i>Lavandula</i> sp.							1							1			1
<i>Lavandula stoechas</i>							2							2			2
<i>Medicago sativa</i>															1		1
<i>Myoporum insulare</i>							1							1			1
<i>Myrtus communis</i>							2							2			2
<i>Nerium oleander</i>			5				18							23	8	4	35
<i>Nicotiana tabacum</i>															6		6
<i>Olea europaea</i>					1		328							329	57		386
<i>Pelargonium fragrans</i>							1							1			1
<i>Pelargonium</i> sp.							1							1			1
Periwinkle (common name)							1							1			1
<i>Phillyrea latifolia</i>							2							2			2
<i>Pistacia vera</i>							1							1			1
<i>Polygala myrtifolia</i>					1		22							23	9		32
<i>Prunus avium</i>							9							9	4		13
<i>Prunus domestica</i>															2		2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
<i>Prunus dulcis</i>							10							10	4		14
<i>Prunus persica</i>					1									1			1
<i>Quercus ilex</i>					1									1			1
<i>Quercus petraea</i>															1		1
<i>Rhamnus alaternus</i>							4							4			4
<i>Salix alba</i>															1		1
<i>Salvia rosmarinus</i>							5							5			5
<i>Spartium junceum</i>							2							2			2
<i>Vinca minor</i>							1							1			1
<i>Vitis vinifera</i>															5		5
<i>Westringia fruticosa</i>							4							4			4
<i>Westringia glabra</i>							1							1			1
ST64		1												1			1
<i>Citrus sinensis</i>		1												1			1
ST65		1												1	2		3
<i>Catharanthus roseus</i>															2		2
<i>Citrus sinensis</i>		1												1			1
ST66		1												1			1
<i>Coffea arabica</i>		1												1			1
ST68		1												1			1
<i>Coffea arabica</i>		1												1			1
ST69	6													6		1	7
<i>Citrus sinensis</i>	4													4		1	5
<i>Olea europaea</i>	2													2			2
ST70		2												2	2	2	6
<i>Catharanthus roseus</i>															2		2
<i>Hibiscus fragilis</i>																1	1
<i>Hibiscus rosa-sinensis</i>		1												1			1
<i>Hibiscus</i> sp.		1												1		1	2

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
ST71		1												1			1
Prunus domestica		1												1			1
ST73			1											1	2	4	6
Catharanthus roseus																1	1
Coffea arabica			1											1	2		2
Nerium oleander																1	1
Nicotiana tabacum																1	1
Polygala myrtifolia																1	1
ST73 and ST53			1											1			1
Coffea arabica			1											1			1
ST74				6										6			6
Coffea arabica				6										6			6
ST78	2													2			2
Olea europaea	1													1			1
Prunus dulcis	1													1			1
ST80											38			38	15		53
Acacia saligna											2			2			2
Acacia sp.											1			1			1
Cistus albidus											4			4			4
Elaeagnus angustifolia											1			1			1
Genista hirsuta											2			2			2
Lavandula angustifolia											2			2			2
Lavandula dentata											3			3			3
Olea europaea											5			5	15		20
Olea europaea subsp. sylvestris											2			2			2
Polygala myrtifolia											3			3			3
Prunus dulcis											6			6			6
Salvia officinalis											1			1			1

<i>X. fastidiosa</i> subspecies/ sequence type	Natural infection														Artificial infection Total	Infection not specified Total	Grand total
	AR	BR	CR	EC	FR	HN	IL	IT	MX	PT	ES	US	unknown	Total			
Salvia rosmarinus											3			3			3
Thymus vulgaris											1			1			1
Ulex parviflorus											2			2			2
ST84		3												3			3
Olea europaea		3												3			3
ST85		1												1			1
Olea europaea		1												1			1
ST86		1												1			1
Olea europaea		1												1			1
<i>sandyi</i>			4		1	1					25		1	32	9	1	42
ST05											25			25	4		29
Hemerocallis sp.											1			1			1
Jacaranda mimosifolia											1			1			1
Magnolia grandiflora											1			1			1
Nerium oleander											22			22	1		23
Prunus dulcis															1		1
Vinca major															2		2
ST72			2			1							1	4	5	1	10
Coffea arabica			2											1	3	1	5
Coffea sp.						1								1			1
Nerium oleander															1		1
Olea europaea															3		3
ST76			2		1									3			3
Coffea arabica			1											1			1
Coffea sp.			1											1			1
Polygala myrtifolia					1									1			1
Grand Total	8	134	39	6	116	1	2	580	22	107	369	404	5	1793	651	49	2493

Appendix E – References included in this update

List of the 45 references included in this sixth update of the *Xylella* spp. host plant database. Informative data listed in Table 5 were extracted from those references and added to the database.

- 1) Giménez-Romero A, Galván J, Montesinos M, Bauzá J, Godefroid M, Fereres A, Ramasco JJ, Matías MA and Moralejo E, 2022. Global predictions for the risk of establishment of Pierce's disease of grapevines. *Communications Biology*, 5.
- 2) Baró A, Saldarelli P, Saponari M, Montesinos E and Montesinos L, 2022. *Nicotiana benthamiana* as a model plant host for *Xylella fastidiosa*: control of infections by transient expression and endotherapy with a bifunctional peptide. *Frontiers in Plant Science*, 13.
- 3) Camino C, Araño K, Berni JA, Dierkes H, Trapero-Casas JL, León-Ropero G, Montes-Borrego M, Roman-Écija M, Velasco-Amo MP, Landa BB, Navas-Cortes JA and Beck PSA, 2022. Detecting *Xylella fastidiosa* in a machine learning framework using Vcmax and leaf biochemistry quantified with airborne hyperspectral imagery. *Remote Sensing of Environment*, 282.
- 4) Agüero CB, Riaz S, Tenschler AC, Bistué C and Walker MA, 2022. Molecular and functional characterization of two RGA type genes in the PdR1b locus for Pierce's disease resistance in *Vitis arizonica/candicans*. *Plant Cell, Tissue and Organ Culture*, 151, 497–510.
- 5) Johnson KA, Bock CH, Brannen PM and Chen J, 2022. A genome resource for *Xylella fastidiosa* subsp. *multiplex* strain P5A2 causing phony peach disease in the southeastern United States. *Phytopathology*, 112, 2466–2470.
- 6) Moll L, Baró A, Montesinos L, Badosa E, Bonaterra A and Montesinos E, 2022. Induction of defense responses and protection of almond plants against *Xylella fastidiosa* by endotherapy with a bifunctional peptide. *Phytopathology*, 112, 1907–1916.
- 7) Casarin N, Hasbroucq S, Pesenti L, Gérardin A, Emond A, López-Mercadal J, Miranda MÁ, Grégoire JC and Bragard C, 2022. Salicaceae as potential host plants of *Xylella fastidiosa* in European temperate regions. *European Journal of Plant Pathology*.
- 8) Vergine M, Pavan S, Negro C, Nicoli F, Greco D, Sabella E, Aprile A, Ricciardi L, De Bellis L and Luvisi A, 2022. Phenolic characterization of olive genotypes potentially resistant to *Xylella*. *Journal of Plant Interactions*, 17, 462–474.
- 9) Roman-Ecija M, Navas-Cortes JA, Velasco-Amo MDP, Arias-Giraldo LF, Gomez LM, De La Fuente L and Landa BB, 2022. Two *Xylella fastidiosa* subsp. *multiplex* strains isolated from almond in Spain differ in plasmid content and virulence traits. *Phytopathology*.
- 10) Camposeo S, Vivaldi GA and Saponari M, 2022. Attempts to reduce the systemic spread of *Xylella fastidiosa* in olive trees by pruning. *Agronomy-Basel*, 12.
- 11) Velasco-Amo MDP, Arias-Giraldo LFF, Ecija MR, De La Fuente L, Marco-Noales E, Moralejo E, Navas-Cortes JA and Landa BB, 2022. Complete circularized genome resources of seven strains of *Xylella fastidiosa* subsp. *fastidiosa* using hybrid assembly reveals unknown plasmids. *Phytopathology*.
- 12) Bodino N, Cavalieri V, Saponari M, Dongiovanni C, Altamura G and Bosco D, Transmission of *Xylella fastidiosa* subsp. *pauca* ST53 by the sharpshooter *Cicadella viridis* from different source plants and artificial diets. *Journal of Economic Entomology*.
- 13) El Handi K, Sabri M, Valentini F, De Stradis A, Achbani EH, Hafidi M, El Moujabber M and Elbeaino T, 2022. Exploring active peptides with antimicrobial activity in planta against *Xylella fastidiosa*. *Biology-Basel*, 11.
- 14) Zecharia N, Krasnov H, Vanunu M, Siri AC, Haberman A, Dror O, Vakal L, Almeida RPP, Blank L, Shtienberg D and Bahar O, 2022. *Xylella fastidiosa* outbreak in Israel: population genetics, host range, and temporal and spatial distribution analysis. *Phytopathology*, 112, 2296–2309.
- 15) Montilon V, De Stradis A, Saponari M, Abou Kubaa R, Giampetruzzi A, D'Attoma G and Saldarelli P, 2023. *Xylella fastidiosa* subsp. *pauca* ST53 exploits pit membranes of susceptible olive cultivars to spread systemically in the xylem. *Plant Pathology*, 72, 144–153.
- 16) Surano A, Abou Kubaa R, Nigro F, Altamura G, Losciale P, Saponari M and Saldarelli P, 2022. Susceptible and resistant olive cultivars show differential physiological response to *Xylella fastidiosa* infections. *Frontiers in Plant Science*, 13.
- 17) Shantharaj D, Naranjo E, Merfa M, Cobine PA, Santra S and De La Fuente L, 2022. Zinc oxide-based nanoformulation Zinkicide mitigates the xylem-limited pathogen *Xylella fastidiosa* in tobacco and southern highbush blueberry. *Plant Disease*.

- 18) Amanifar N and Luvisi A, 2022. Resistance of almond (*Prunus dulcis*) to *Xylella fastidiosa*: a comparative study on cultivars. *Plant Disease*, 106, 2625–2630.
- 19) dos Santos BdNG, Anguita-Maeso M and Coletta-Filho HD, 2022. Transmission and distribution of *Xylella fastidiosa* subsp. *pauca* in olive trees as a parameter for managing olive quick decline syndrome. *Plant Pathology*, 71, 1849–1858.
- 20) Sarcina L, Macchia E, Loconsole G, D’Attoma G, Bollella P, Catacchio M, Leonetti F, Di Franco C, Elicio V, Scamarcio G, Palazzo G, Boscia D, Saldarelli P and Torsi L, 2022. Fast and reliable electronic assay of a *Xylella fastidiosa* single bacterium in infected plants sap. *Advanced Science*, 9.
- 21) Krugner R, Rogers EE, Burbank LP, Wallis CM and Ledbetter CA, 2022. Insights regarding resistance of ‘Nemaguard’ rootstock to the bacterium *Xylella fastidiosa*. *Plant Disease*, 106, 2074–2081.
- 22) Europhyt notification n. 246 (Update 19).
- 23) Europhyt notification n. 2008 (Update 00).
- 24) Europhyt notification n. 1157 (Update 10).
- 25) Europhyt notification n. 1956 (Update 00).
- 26) Europhyt notification n. 1993 (Update 1).
- 27) Europhyt notification n. 2003 (Update 00).
- 28) Europhyt notification n. 718 (Update 12).
- 29) Europhyt notification n. 753 (Update 20).
- 30) Europhyt notification n. 1528 (Update 3).
- 31) Europhyt notification n. 1917 (Update 1).
- 32) Europhyt notification n. 1942 (Update 1).
- 33) Europhyt notification n. 2005 (Update 00).
- 34) Europhyt notification n. 2010 (Update 00).
- 35) Europhyt notification n. 2011 (Update 00).
- 36) Europhyt notification n. 2023 (Update 1).
- 37) Europhyt notification n. 2075 (Update 00).
- 38) Europhyt notification n. 2076 (Update 00).
- 39) Europhyt notification n. 2077 (Update 00).
- 40) Europhyt notification n. 2078 (Update 00).
- 41) Europhyt notification n. 2099 (Update 00).
- 42) Europhyt notification n. 2105 (Update 00).
- 43) Europhyt notification n. 2106 (Update 00).
- 44) Europhyt notification n. 2116 (Update 00).
- 45) Europhyt notification n. -124 (Update 32).

Annex A – Links to data and interactive reports

Data are available as interactive reports on the Microstrategy platform at the following link:

<https://www.efsa.europa.eu/en/microstrategy/xylella>

Raw data and related metadata are published in Zenodo in the EFSA Knowledge Junction community, this report refers to **version 8** (<https://doi.org/10.5281/zenodo.1339343>).