

*Tamarixia dryi* (Hymenoptera: Eulophidae)

Included in: PM 6/3 Biological control agents safely used in the EPPO region (2024): Appendix 2 – Classical BCAs successfully established in the EPPO region

Further details are given for each BCA, including its name, common synonyms, taxonomic classification, the pest(s) against which it has been released, date of first use, whether the BCA was introduced as single or multiple introductions and the origin of the collected material. Countries where the BCA has been introduced for classical biological control in the EPPO region are also listed. The presence of a BCA on the list means that it has been successfully established in at least one of the countries mentioned. The results of the introductions in target pest control, and results of introduction, in different countries are given, when available, as follows: [C] complete, [S] substantial, [P] partial, [E] established but not contributing to control or status unknown, [F] failed to become established, [N] no information on the outcome, [T] established but believed to have died out. Asterisks (\*) indicate cases where more than one BCA contributed to the result. In cases where information is not known a (?) is detailed. Information on countries and results of introductions are given on the basis of information provided by the BIOCAT database of CABI (data from 1890s until 2010) and by some EPPO countries. Countries are, as far as possible, listed in the chronological order of introduction of the agent for classical biological control. The list of countries indicates to a certain degree the area in which each organism is present and established in the EPPO region, to the extent that each successful introduction can be presumed to have involved establishment. However, organisms may already be indigenous in some parts of the EPPO region, or have spread from countries where they were introduced, or indeed have disappeared from countries where they were once established, so the true distribution is uncertain in many cases. In some cases, a general statement can be made about the present distribution in the EPPO region and this has been added in italics at the end of the list of countries.

**Detailed information** (from PM 6/3 Biological control agents safely used in the EPPO region: EPPO, 2021 (2024 version))

***Tamarixia dryi***

Family	Eulophidae
Target pest	<i>Trioza erytreae</i>
Date of first use	2019
EPPO countries where introduced	Portugal [S], Spain (mainland and Azores) [S]
Multiple/single introductions	Multiple
Origin of collected material	South Africa

# EUROPEAN AND MEDITERRANEAN PLANT PROTECTION ORGANIZATION

## Criteria used for adding *Tamarixia dryi* to PM 6/3 Biological control agents safely used in the EPPO region (Appendix 2)

### 1. Criteria used for addition to the List

Classical BCA that is found at least five years after release to be successfully established in part of or the whole of the EPPO region	<input checked="" type="checkbox"/>
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**AND**

There are no previous reports of adverse effects	<input checked="" type="checkbox"/>
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Criteria	Summary information (for EPPO region)	References
Classical BCA that is found at least five years after release to be successfully established in part of, or the whole of the EPPO region	Spain (Canary Islands). Released in March 2018.	Hernández-Suárez <i>et al.</i> (2020), Tena <i>et al.</i> (2021)
Classical BCA that is found at least five years after release to be successfully established in part of, or the whole of the EPPO region	Spain (Galicia). Released in October 2019.	Tena <i>et al.</i> (2021)

### References

EPPO PM 6/3 (5) Biological control agents safely used in the EPPO region. *EPPO Bulletin* **51**, 452-454.

Hernández-Suárez E, Pérez-Rodríguez J, Urbaneja-Bernat P, Rizza R, Siverio F, Piedra-Buena A, Urbaneja A, Tena A (2020) Control de *Trioza erytrae* en las Islas Canarias por el parasitoide *Tamarixia dryi*. *Phytoma España: La revista profesional de sanidad vegetal*, **319**, 28-32

Tena A, Urbaneja A, Hernández-Suárez E, Moure Fernández M, González Freijo AB, Fraga Vega XL, Cuenca Valera YB (2021) Introducción del parasitoide *Tamarixia dryi* en la península ibérica para el control de *Trioza erytrae*. *Phytoma*, **329**, 16-23.