

Une base de données en
Open Access

Spider Mites Web

Alain Migeon INRA-CBGP



Page d'accueil



Spider Mites Web

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How to cite:

Alain MIGEON and Franck DORKELD (2006-2015) Spider Mites Web: a comprehensive database for the Tetranychidae. <http://www.montpellier.inra.fr/CBGP/spmweb>

Welcome to the Spider Mites Web. This site is designated to give all information about the spider mites (Acari: Tetranychidae). One of the specificity of these mites is to spin web for their protection. This family of mites comprises 1,288 phytophagous species ranging from 200 to 900 μm . They form an important group with regard to agriculture. More than a hundred of them can be considered as pest and about ten as major pest. The most well known and wide spread is the ubiquitous two-spotted spider mite, *Tetranychus urticae* Koch.


The aim of these pages is to provide comprehensive information on all the spider mites in the world: the taxonomic data relating the history of nomenclature; the geographical distribution (with [maps](#)) and the host plants. All this knowledge provides a synthetic view of the biodiversity of these mites. 1,568 references from 1758 to present are included (see [background](#) for details).

Use the menu, left side to browse the database. Three types of queries are available. For each species you can display the record with all the nomenclature, host-plants, distribution and distribution map. If you click on [By Species](#) you can perform search on species name, valid or invalid. If you click on [Advanced](#) you can perform a cross search including taxonomical, geographical and host-plants information. Finally a click on [Bibliography](#) will allow you to search references combining one, two or three authors.

The [database](#) was originally developed by Alain Migeon (Email: migeon@supagro.inra.fr) from a work initiated by Jean Gutierrez. It was then worked again by Elodie Nouguiere (Email: elodie.nouguiere@wanadoo.fr) who brought all her competences and put all her energy to clean it and developed the web user interface. Franck Dorkeld (Email: franck.dorkeld@supagro.inra.fr) was responsible of the technical management. The database is an outcome of the mite genetics' group led by Maria Navajas (Email: maria.navajas@supagro.inra.fr) at the CBGP and it is continuously updated by Alain Migeon and Philippe Auger (Email: philippe.auger@supagro.inra.fr).

Try Spider Mites Web and use it. To grow it needs the collaboration of everyone of you by sending your questions, comments, criticisms and papers to Alain Migeon (Email: alain.migeon@supagro.inra.fr). This database is designed for all the scientific community and will benefit of the work of everyone.

Finally a thank to H. Bolland, J. Gutierrez and C.H.W. Flechtmann for their synthetic work (1998) *World Catalogue of the Spider Mite Family (Acari: Tetranychidae)*. Brill, Leiden, 392 pp, still essential. A special thank from the heart to Jean Gutierrez and Carlos H.W. Flechtmann who helped, guided and cheered us in this work.

For a better navigation, we encourage you to use the free and opensource Firefox  web browser.

Database last update: 18 March 2015:
1288 valid species recorded
1568 references
13705 host records on 3687 different plants
6855 geographic distribution records

Spider Mites Web has a total of 119 (18 March 2015 - Google Scholar) citations.




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Présentation et objectifs

- Acariens Tetranychidae
 - 1288 espèces
 - Ravageurs des cultures parfois importants
- Contenu
 - Exhaustivité des informations bibliographiques
 - Systématique
 - Plantes hôtes
 - Distribution

Une espèce



Spider Mites Web

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Species 6-maculatus

Search

Tetranychidae - Tetranychinae - Eurytetranychini

Eurytetranychus buxi (Garman, 1935). [Ries \(1935\): 55.](#)

Neotetranychus buxi Garman, 1935. [Ries \(1935\): 57.](#) **Type host:** *Buxus sempervirens*. **Type locality:** United States.

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Summary:

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- [Hosts](#)
- [Distribution](#)
- [Distribution Map \(open a new window\)](#)

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Nomenclature:

Neotetranychus buxi Garman, 1935. Valid nomenclatural act. [Ries \(1935\): 57.](#) **Type host:** *Buxus sempervirens*. **Type locality:** United States.

Eurytetranychus buxi (Garman, 1935). New combination. [Geijskes \(1939\): 30.](#)

Simplinychus buxi (Garman, 1935). New combination. [McGregor \(1950\): 274.](#)

Eurytetranychus buxi (Garman, 1935). Synonymy by. [Laffi \(1981\): 69.](#)

Eurytetranychus buxi (Garman, 1935). Reinstatement. [Migeon & Flechtmann \(2004\): 145.](#)

Tetranychus latus Berlese, 1889 nec Canestrini & Fanzago, 1876. Synonym description. [Berlese \(1889\): .](#) **Type host:** *Buxus sempervirens*. **Type locality:** Italy.

Eurytetranychus latus (Canestrini & Fanzago, 1876). New combination. [Oudemans \(1931\): 224.](#)

Eurytetranychus latus (Berlese, 1889 nec Canestrini & Fanzago, 1876). Synonymy by. [Pritchard & Baker \(1955\): 103.](#)

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Hosts (3 results):

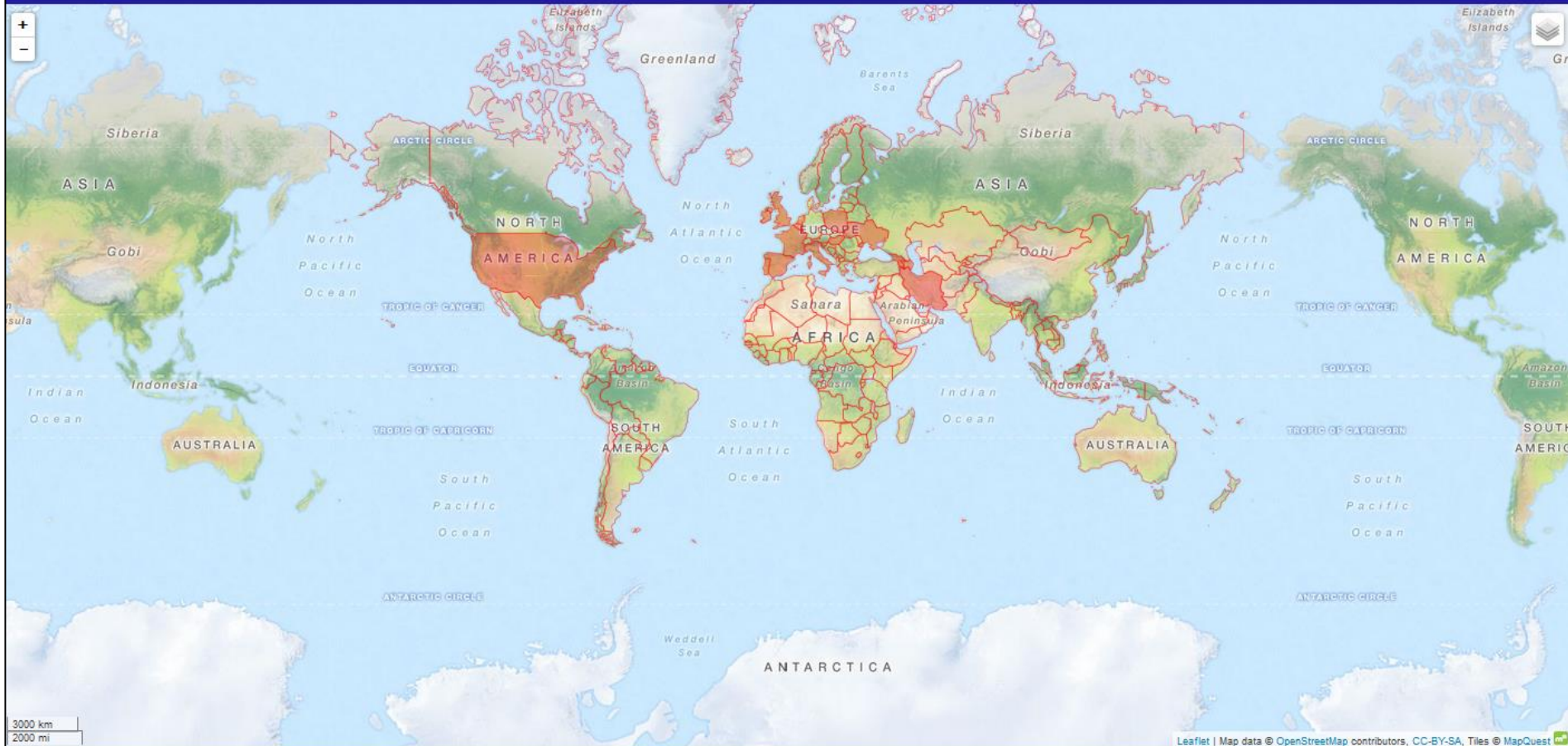
Buxaceae: *Buxus microphylla* [[Pritchard & Baker \(1955\)](#)]; *Buxus sempervirens* [[Berlese \(1889\)](#); [Ries \(1935\)](#); [Pritchard & Baker \(1955\)](#); [Vierbergen \(1990\)](#); [Labanowski \(1993\)](#); [Dobosz, Skorupska & Blaszak \(1995\)](#); [Navajas, Gutierrez, Lagnel, et al. \(1996\)](#); [Bolland \(2001\)](#); [Witters, Casteels & Bondt \(2003\)](#); [Szczepaniec, Raupp \(2013\)](#)]; *Buxus sp.* [[Pritchard & Baker \(1955\)](#); [Reeves \(1963\)](#)]

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Une espèce

Eurytetranychus buxi, (Garman, 1935)

Spider Mites Web: World Distribution Map



Bilan après 10 années

- Notoriété
 - 138 citations (Google Scholar)
- Référence
 - Organismes de protection des plantes
 - Dans la plupart des articles de systématique et/ou de biologie des Acariens Tetranychidae
- Visibilité internationale de l'équipe