GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: ***Centaurea melitensis***

Centaurea melitensis 简体中文 正體中文

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Magnoliophyta	Magnoliopsida	Asterales	Asteraceae

Common name Abremanos (Spanish), Malteser Flockenblume (German), Napa thistle (English), Maltese star thistle (English), Croix de Malte (French), tocalote (English)

Synonym

Similar species *Centaurea solstitialis, Centaurea sulphurea*

Summary *Centaurea melitensis* is a herb of the family Asteraceae. *C. melitensis* is native to Africa and Europe and was introduced to the United States. It is a highly competitive species that forms dense, impenetrable stands that displaces native and desirable vegetation. *C. melitensis* usually invades open, disturbed sites and is often spread by humans and livestock *via* transportation of contaminated crop seed or hay.

view this species on IUCN Red List

Uses
Centaurea melitensis is used for medicinal purposes in Spain.

General Impacts
When star thistle infestations are high, native species can experience drought conditions even in years with normal rainfall (Gerlach *et al*., 1998, in DiTomaso, 2001). It has also been observed to significantly reduce the seed production of the 'Threatened' San Diego thornmint (*Acanthomintha ilicifolia*) (E. Bauder, unpublished data, in DiTomaso, 2001).

Pathway
Human influences, including vehicles, contaminated crop seed or hay, road maintenance, and moving livestock, can also contribute to rapid and long distance spread of the seeds (DiTomaso, 2001).

Principal source:

Compiler: National Biological Information Infrastructure (NBII) & IUCN/SSC Invasive Species Specialist Group (ISSG)

Review:

Pubblication date: 2010-06-15

ALIEN RANGE

[1] CANADA

[16] UNITED STATES

BIBLIOGRAPHY

6 references found for **Centaurea melitensis**

Managment information

DiTomaso, J. 2001. *Yellow Starthistle Information*. Weed Research and Information Center, The University of California. Available from: http://wric.ucdavis.edu/yst/yst.html [Accessed 27 September 2003]

Summary: Detailed report containing information on description, distribution, dispersal methods, impacts, habitats and control.

European and Mediterranean Plant Protection Organization (EPPO), 2006. Guidelines for the management of invasive alien plants or potentially invasive alien plants which are intended for import or have been intentionally imported. EPPO Bulletin 36 (3), 417-418.

General information

CONABIO. 2008. Sistema de informaci&#65533;n sobre especies invasoras en M&#65533;xico. Especies invasoras - Plantas. Comisi&#65533;n Nacional para el Conocimiento y Uso de la Biodiversidad. Fecha de acceso.

Summary: English:

The species list sheet for the Mexican information system on invasive species currently provides information related to Scientific names, family, group and common names, as well as habitat, status of invasion in Mexico, pathways of introduction and links to other specialised websites. Some of the higher risk species already have a direct link to the alert page. It is important to notice that these lists are constantly being updated, please refer to the main page (http://www.conabio.gob.mx/invasoras/index.php/Portada), under the section Novedades for information on updates.

Invasive species - Plants is available from: http://www.conabio.gob.mx/invasoras/index.php/Especies_invasoras_-_Plantas [Accessed 30 July 2008]

Spanish:

La lista de especies del Sistema de informaci&#65533;n sobre especies invasoras de m&#65533;xico cuenta actualmente con informaci&#65533;n aceca de nombre cient&#65533;fico, familia, grupo y nombre com&#65533;n, as&#65533; como h&#65533;bitat, estado de la invasi&#65533;n en M&#65533;xico, rutas de introducci&#65533;n y ligas a otros sitios especializados. Algunas de las especies de mayor riesgo ya tienen una liga directa a la p&#65533;gina de alertas. Es importante resaltar que estas listas se encuentran en constante proceso de actualizaci&#65533;n, por favor consulte la portada (http://www.conabio.gob.mx/invasoras/index.php/Portada), en la secci&#65533;n novedades, para conocer los cambios.

Especies invasoras - Plantas is available from: http://www.conabio.gob.mx/invasoras/index.php/Especies_invasoras_-_Plantas [Accessed 30 July 2008]

ITIS (Integrated Taxonomic Information System), 2004. Online Database *Centaurea melitensis*

Summary: An online database that provides taxonomic information, common names, synonyms and geographical jurisdiction of a species. In addition links are provided to retrieve biological records and collection information from the Global Biodiversity Information Facility (GBIF) Data Portal and bioscience articles from BioOne journals.

Available from: http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=36965 [Accessed December 31 2004]

USDA-ARS, 2010. Taxon: *Centaurea melitensis* L. National Genetic Resources Program. Germplasm Resources Information Network. [Online Database] National Germplasm Resources Laboratory, Beltsville, Maryland.

Summary: Available from: http://www.ars-grin.gov/cgi-bin/npgs/html/tax_search.pl?centaurea+melitensis [Accessed June 15 2010].

USDA-NRCS, 2010. *Centaurea melitensis*. The PLANTS Database Version 3.5 [Online Database] National Plant Data Center, Baton Rouge, LA.

Summary: Available from: http://plants.usda.gov/java/nameSearch?mode=Scientific+Name&keywordquery=Centaurea+melitensis&go.x=8&go.y=6 [Accessed 27 March 2006].