GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: ***Salix humboldtiana***

Salix humboldtiana **System:** Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Magnoliophyta	Magnoliopsida	Malpighiales	Salicaceae

Common name saule peuplier (French), sauce (Spanish)

Synonym *Salix chilensis* , Molina
Salix humboldtiana , Willd. var. *fastigiata* Andr

Similar species

Summary

view this species on IUCN Red List

Management Info
Commonly used management techniques include mechanical control (*e.g.* felling, excavating) and/or herbicides, *e.g.* glyphosphate, picloram, picloram/triclopyr. Herbicides can be applied by foliar spray, stem injection, and cut stump application. Repsrouting may occur. (Holland & Davies 2007).
The Willows National Management Guide: Current management and control options for Willow (*Salix* spp) in Australia is divided into six sections that includes detailed information on the spread and impacts of willows on riparian habitats, guidelines for how to plan a willow management programme, including when to prioritise, detailed descriptions of available control and waste management methods, including when to use specific methods. The manual also includes important information on how to sustain the programme in order to endure long term benefits, monitoring, managing erosion, re-vegetation and case studies of different methods, approaches and strategies in management.
The Weed Control Methods Handbook provides you with detailed information about the tools and techniques available for controlling invasive plants, or weeds, in natural areas. This Handbook is divided into eight chapters, covering a range of different control methods: manual, mechanical, promoting competition from native plants, grazing, biocontrol, herbicides, prescribed fire, solarization, flooding, and other, more novel, techniques. Each control method has advantages and disadvantages in terms of its effects against the target weed(s), impacts to untargeted plants and animals, risks to human health and safety, and costs.

Principal source:

Compiler: IUCN SSC Invasive Species Specialist Group with support from the Overseas Territories Environmental Programme (OTEP) project XOT603, a joint project with the Cayman Islands Government - Department of Environment

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6 references found for **Salix humboldtiana**

Managment information

Holland Clift, S & Davies, J., 2007. Willows National Management Guide: Current management and control options for Willow (*Salix* spp) in Australia . This manual is sponsered by the Australian Government Department of Water, Heritage and the Arts, Department of Agriculture, Fisheries and Forestry and Victorian Department of Primary Industries.
Summary: Available from: http://www.weeds.org.au/WoNS/willows/docs/Willows_fore_pages.pdf [Accessed 26 July 2010]
IUCN/SSC Invasive Species Specialist Group (ISSG)., 2010. A Compilation of Information Sources for Conservation Managers.
Summary: This compilation of information sources can be sorted on keywords for example: Baits & Lures, Non Target Species, Eradication, Monitoring, Risk Assessment, Weeds, Herbicides etc. This compilation is at present in Excel format, this will be web-enabled as a searchable database shortly. This version of the database has been developed by the IUCN SSC ISSG as part of an Overseas Territories Environmental Programme funded project XOT603 in partnership with the Cayman Islands Government - Department of Environment. The compilation is a work under progress, the ISSG will manage, maintain and enhance the database with current and newly published information, reports, journal articles etc.

General information

Integrated Taxonomic Information System (ITIS), 2010. *Salix humboldtiana* Willd.
Summary: Available from: http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=22545 [Accessed 26 July 2010]
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Varnham, K 2006. Non-native species in UK Overseas Territories: a review JNCC Report No. 372
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