GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: ***Pinus pinaster***

Pinus pinaster 简体中文 正體中文

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Plantae	Coniferophyta	Pinopsida	Pinales	Pinaceae

Common name maritime pine (English), cluster pine (English)

Synonym *Pinus maritima*
Pinus mesogeneensid

Similar species

Summary Pinus pinaster, originally from the Mediterranean Basin, has been planted in temperate regions within and outside its natural range for a wide range of reasons. It regenerates readily almost everywhere it is planted and in many places it invades natural shrubland, forest and grassland. Pinus pinaster forms dense thickets which supress native plants, changes fire regimes and hydrological properties and alters habitats for many animals.

view this species on IUCN Red List

Species Description
An evergreen coniferous tree, growing 20-35m tall, with 2 needle-shaped leaves per fascicle (leaves usually 15-20cm long and stiff). Cones 10-22cm long.

Reproduction
Pinus pinaster reproduces exclusively from seeds (it does not sprout). The small, winged seeds are held in serotinous cones. Some seeds are released every year, especially during hot spells when cones open partially. Trees have thin bark and a poor re

General Impacts
This species regenerates profusely after fire, often resulting in dense thickets of plants close to killed adult plants. These dense thickets supress native plants, change fire regimes and hydrological properties and alter habitats for many animals.

Management Info
Physical: Mechanical control is currently the most effective way of dealing with invasive *Pinus pinaster* stands. All plants are felled and allowed to lie for 12-18 months.

Principal source:

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Review: Dr. Dave Richardson, University of Capetown

Pubblication date: 2005-06-16

ALIEN RANGE

[1] AUSTRALIA
[2] NEW ZEALAND
[2] SAINT HELENA
[1] URUGUAY
[1] CHILE
[1] REUNION
[1] SOUTH AFRICA

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Managment information

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General information

Baret, S., Rouget, M., Richardson, D. M., Lavergne, C., Egoh, B., Dupont, J., & Strasberg, D. 2006. Current distribution and potential extent of the most invasive alien plant species on La R$\hat{o}$union (Indian Ocean, Mascarene islands). Austral Ecology, 31, 747-758.
Summary: L objectif de ce papier est d identifier les zones prioritaires en mati$\hat{e}$re de gestion des invasions biologiques $\hat{o}$ La R$\hat{o}$union en mod$\hat{e}$lisant la distribution actuelle et potentiellle d une s$\hat{e}$lection de plantes parmi les plus envahissantes.

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Summary: Base de donn$\hat{e}$es sur la flore de la R$\hat{o}$union. De nombreuses informations tr$\hat{e}$s utiles.
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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.cbif.gc.ca/pls/itisca/taxastep?king=every&p_action=containing&taxa=Pinus+pinaster&p_format=&p_ifx=plglt&p_lang=
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