Pinus pinaster

System: Terrestrial

Kingdom: Plantae  
Phylum: Coniferophyta  
Class: Pinopsida  
Order: Pinales  
Family: Pinaceae

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

Synonym: Pinus maritima  
Pinus mesogeneensis

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 suppress native plants, changes fire regimes and hydrological properties and alters habitats for many animals.

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 suppress 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

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ALIEN RANGE
[1] URUGUAY

BIBLIOGRAPHY
13 references found for Pinus pinaster

Management information
Summary: This database compiles information on alien species from British Overseas Territories. Available from: http://www.jncc.gov.uk/page-3660 [Accessed 10 November 2009]

Summary: Eradication case study in Turning the tide: the eradication of invasive species.

General information

ITIS (Integrated Taxonomic Information System), 2005. Online Database Pinus pinaster