

Acanthus mollis

System: Terrestrial

| Kingdom | Phylum | Class | Order | Family |
|---------|---------------|---------------|-----------------|-------------|
| Plantae | Magnoliophyta | Magnoliopsida | Scrophulariales | Acanthaceae |

Common name Artist's acanthus (English), sea-dock (English), bear's breech (English), oyster plant (English), acanto-grego (Portuguese, Brazil), bear's breeches (English), sea-holly (English)

Synonym

Similar species *Acanthus spinosus*

Summary

Acanthus mollis is a dicotyledon herb that has a tall inflorescence - up to 2 m high. It is cultivated for ornamental reasons and often grows in the wild as a garden escape. *A. mollis* is native to southern Europe, Morocco, Tunisia, Algeria, the Mediterranean islands, Turkey, Syria and the Canary Islands.



[view this species on IUCN Red List](#)

Species Description

Acanthus mollis is a rhizomatous, perennial herb. It has upright stems that grow up to 1 m long and are hairless. Leaves are borne on petioles up to 50 cm long and are about 30 cm by 50 cm, hairless, and with deeply pinnate lobes that are acutely toothed. The characteristic inflorescence, which can bring the total height of the *A. mollis* plant up to 2 m high, has white corollas with purple veins (3.5 - 5 cm long) and appears in summer. Seeds are found in dry capsules although most spread appears to be vegetative (Conn 2005; Stace *et al.* Undated a; Williams 2008).

Notes

Acanthus mollis is listed in the FDA Poisonous Plant Database (McGuffin *et al.* 2000; NPPA 2008).

Uses

Acanthus mollis is grown as an ornamental due to its tall, striking inflorescence. *A. mollis* has also been used for medicinal purposes in the past (USDA-ARS 2010).



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Habitat Description

Acanthus mollis can grow in a variety of soil types, including clay, and those that are dry and sandy. It prefers light to medium soil types. It can grow in partial shade or full sun; and it is cold hardy and drought tolerant. *A. mollis* is frequently cultivated in gardens; it can be found growing on waste land, roadsides and railway banks. *A. mollis* has also been found in coastal areas, disturbed areas, forests, riparian zones, scrublands and urban areas (ARPS 2007-2012; NPPA undated; Stace *et al.* undated a).

Reproduction

Acanthus mollis reproduces by seed, which is spread *via* water currents, gravity and animals - seed setting occurs two years after germination. It can also reproduce via rhizomes, and vegetatively, via root fragments. (ARC 2008; Hosking *et al.* 2008; Williams 2008).

General Impacts

Acanthus mollis can form dense infestations under forest canopies, which suppresses growth and regeneration of native plants species. Although found only in natural ecosystems in Australia, it is thought that *A. mollis* could become an agricultural pest in several states (ARPS 2007-2012; Groves *et al.* 2003; NPPA 2008).

Management Info

Preliminary management has been carried out in Australia and New Zealand. In Australia, *Acanthus mollis* has been noted to require control measures in three or less locations, while it has been included in a list of species requiring research as part of a pest management plan in New Zealand. (ARPS 2007-2012; Groves *et al.* 2003).

Pathway

Acanthus mollis plants found to be growing in places where garden waste is dumped (Hosking *et al.* 2007). *Acanthus mollis* seeds for sale online, for example in New Zealand on a internet auction/classified website, <http://www.trademe.co.nz> (Trade Me 2010).

Principal source:

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ALIEN RANGE

[2] AUSTRALIA

[1] CYPRUS

[5] NEW ZEALAND

[1] SOUTH AFRICA

[1] BRAZIL

[1] ITALY

[1] PORTUGAL

[1] SPAIN



[1] UNITED KINGDOM

[1] UNITED STATES

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