

# *Callitriche palustris* L.

Water-starwort

Key:

**Dots** refer to the native sites of the species

**Numbers** refer to the nearby Botanical Collections



## Starting references

### Family

Callitrichaceae

### IUCN category (2001)

Endangered

### Habit

Annual or perennial herb.

### Habitat

On clay in the dry bed of a turlough in Co. Galway.

### Reasons for decline

### Distribution in wild

Country	Locality & Vice County	Sites (10km <sup>2</sup> occurrences)	Population (plants)
Ireland	S-E Galway	1	
Scotland	Dunbartonshire		

**Note:** Discovered in Dunbartonshire in 2000, after the close of recording for *New Atlas*, 2002.

### Ex situ Collections

#### Gardens close to the region of distribution of the species

- 1 Glasgow Botanic Gardens
- 2 Greenbank Garden (NTS)

#### Gardens with specialisation on family Callitrichaceae

None

#### Potential to grow the species in ex situ Collections

From Plants For A Future

- Propagation

Seed - we have no details on this species but would suggest that the seed will be best sown in a greenhouse as soon as it is ripe in a pot standing in about 5cm of water. It is quite likely that the seed has a short viability, especially if it is allowed to become dry. When large enough to handle, prick the seedlings out into individual pots and grow them on in trays of water in the greenhouse for at least their first winter, planting them out into their permanent positions in late spring or early summer, after the last expected frosts. Cuttings can be taken at any time in the growing season. They root easily, even if just placed in a pot of water.

- Cultivation

A water plant, it should be allowed to root into the soil at the bottom of the pond or be grown in a pot in the pond. This species is an excellent oxygenator of the water and a good food source for fish. It provides a good habitat for wildlife in the pond, the leaves holding spawn well. Plants remain active all winter.

From Waterside Nursery:

A Submerged (2" - 60") oxygenator with masses of small bright green leaves that spreads across the surface forming mats; flower in early spring

Provides good cover for aquatic life.

***Conservation information***

**Linkages to BAPs**

Countdown - The Cheshire Region Biodiversity Action Plan

Staffordshire Biodiversity Action Plan

**Habitat Management**

SSSI

Ford Green Reedbed

Gannister Quarry

Roe Park Woods

**Conservation programmes**

Unknown

**Web References**

- Plants For A Future Database: [http://www.ibiblio.org/pfaf/cgi-bin/find\\_lat?LAT=callitriche+palustris](http://www.ibiblio.org/pfaf/cgi-bin/find_lat?LAT=callitriche+palustris)
- NBN Gateway: <http://www.searchnbn.net>
- Waterside Nursery: <http://www.watersidenursery.co.uk/pond.html>