

Rumex aquaticus L.

Scottish Dock

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections

Family

Polygonaceae

IUCN category (2001)

Vulnerable

Habit

Aquatic perennial herb.

Flowers: July-August

Habitat

Seasonally-flooded shores of Loch Lomond, wet fields and woodland glades.

Reasons for decline

Development; pasture improvement; small / isolated population and concern about a high level of introgressive hybridisation with *Rumex obtusifolius*.

Distribution in wild

Country	Locality & Vice County	Sites (10km ² occurrences)	Population (plants)
Scotland	Southern Loch Lomond side: <ul style="list-style-type: none">• Between Ross Priory & Balmaha• Arden-Midross• Rossdhu	3	Up to 300



Ex situ Collections

Gardens close to the region of distribution of the species

- 1 Younger Botanic Garden
- 2 Geilston Cottage (NTS)
- 3 Glasgow Botanic Gardens
- 4 Greenbank Garden (NTS)

Gardens of specialisation on family Polygonaceae or genus *Rumex*

None

Potential to grow the species in ex situ Collections

From RBG Edinburgh, Garden Nursery

- Propagation

Seed – sown in August, on seed tray containing John Innes Seed Compost and top-dressed with fine grit. The seed tray is sitting in water in a closed case with base heat and natural light.

The following September, seedlings are pricked out in individual plastic pots, in a standard mix containing 1:1 JI II/Nursery stock. As a trial, one batch of pots is submerged in an outdoor shallow trough, the other batch is sitting in a seep tray, in a cool glasshouse.

Division – in spring.

- Cultivation

It is hardy and can grow in semi-shade (light woodland) or no shade. It requires wet soil and can grow in water. Appropriate sites are pond or bog garden.

Conservation information

Linkages to BAPs

Stirling Council Area BAP

Local BAP for Argyll and Bute

Habitat Management

Loch Lomond is designated as a NNR, an EU Special Protection Area and SSSI. It is also a candidate EU Special Area of Conservation.

Protected sites with records for *R. aquaticus* are listed on <http://www.searchnbn.net>

Conservation programmes

Unknown

Web References

- Plants For A Future Database: <http://www.pfaf.org/database/plants.php?Rumex+aquaticus>
- NBN Gateway database: <http://www.searchnbn.net>
- Plantlife:
http://www.plantlife.org.uk/html/county_flowers/images/clip_image002temp_079.jpg