

Hydrilla verticillata (L. f.) Royle

Esthwaite Waterweed

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections



Starting references

Family

Hydrocharitaceae

IUCN category (2001)

Vulnerable

Habit

Glabrous, aquatic perennial, rooted in mud.

Habitat

Relatively deep water in mesotrophic lakes, only occasionally extending into the shallows. Lowland.

Reasons for decline

May have been eliminated by eutrophication at Esthwaite Water, Westmorland.

Distribution in wild

Country	Locality & Vice County	Sites (10km ² occurrences)	Population (plants)
Scotland	Kirkcudbrightshire	1	

Ex situ Collections

Gardens close to the region of distribution of the species

- 1 Logan Botanic Garden
- 2 Threave Garden (NTS)

Gardens with specialisation on family Hydrocharitaceae

None

Potential to grow the species in *ex situ* Collections

Reproduction in the wild is by turions.

From Plants For A Future Database

- Propagation

Seed - sow spring in a cold frame. When they are large enough to handle, prick the seedlings out into individual pots and plant them out in early summer.

- Cultivation details

A submerged water plant, it prefers growing in alkaline water. A good oxygenator for ponds, the plant forms a large mass with stems up to 2 metres long.

Conservation information

Linkages to BAPs

Dumfries And Galloway

Cumbria BAP

Habitat Management

SSSI

- Claife Tarns And Mires
- Coniston Mines And Quarries
- Dodgson Wood
- Esthwaite Water

Ludderburn And Candlestick Mires
Tarn Hows
Yewdale Beck

NNR North Fen

Conservation programmes

Unknown

Web References

- NBN Gateway database: <http://www.searchnbn.net>
- Plants For A Future: http://www.ibiblio.org/pfaf/cgi-bin/arr_html?Hydrilla+verticillata