

Najas marina L.

Holly-leaved Naiad

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections



Starting references

Family

Najadaceae

IUCN category (2001)

Vulnerable

Habit

Aquatic herb (annual or short-lived perennial).

Habitat

Sheltered, relatively unpolluted waters; grows best at water depths of between 0.5-1.5m.

Reasons for decline

Eutrophication of waterbodies caused by agricultural run off and sewage discharge.

Turbulence and pollution associated with boat traffic on the Broads.

Distribution in wild

Country	Locality & Vice County	Sites (10km ² occurrences)	Population (plants)
England	E. Norfolk Broads	3	

Ex situ Collections

Gardens close to the region of distribution of the species

- 1 Roamer House
- 2 Cambridge University Botanic Garden
- 3 Mark Hall Arboretum
- 4 RHS Hyde Hall
- 5 Writtle College

Gardens with specialisation on family Najadaceae or genus *Najas*

None

Potential to grow the species in ex situ Collections

From Plants For A Future

- Propagation

Seed - we have no information on this species but suggest sowing the seed in situ as soon as it is ripe if this is possible. Otherwise store the seed in water in a cool place and sow it in situ in the spring.

Division in the growing season.

- Cultivation

A submerged water plant, succeeding in shallow fresh or brackish water.

Conservation information

Najas marina is listed on Schedule 8 of the Wildlife and Countryside Act, 1981

Linkages to BAPs

A Species Action Plan has been produced for *Najas marina*, lead partners are:

Julia Masson, Broads Authority

Reg Land, Wildlife Trusts Tel:01603 625540

The following LBAPs are working on the species:

Essex and Suffolk Water BAP

Norfolk Biodiversity Action

Habitat Management

The three known sites are nature reserves in SSSIs. The Norfolk Broads are within an ESA.

Conservation programmes

Unknown

Web References

- Plants For A Future Database: http://www.ibiblio.org/pfaf/cgi-bin/arr_html?Najas+marina&CAN=LATIND
- UK Species Action Plan: <http://www.ukbap.org.uk/UKPlans.aspx?ID=470>