

Artemisia norvegica Fries

Norwegian Mugwort

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections



Starting References

Family

Asteraceae

IUCN category (2001)

Vulnerable

Habit

Small tufted herb (rhizomatous perennial).

Habitat

Mountain tops at 700-870 m, moist sandy or gritty debris in bared areas of sparse vegetation, amongst boulders on flat summit plateaux.

Reasons for decline

None known.

Distribution in wild

Country	Locality & Vice County	Sites (10km ² occurrences)	Population (plants)
Scotland	3 mountain summits in Ross, Cromarty District & Sutherland.	3	From 150 to thousands / site

Ex situ Collections

Gardens close to the region of distribution of the species

- 1 Inverewe Garden (NTS)
- 2 Cawdor Castle Gardens
- 3 Brodie Castle
- 4 Pitmedden Garden
- 5 Cruickshank Botanic Garden
- 6 Crathes Castle Garden

Gardens with specialisation on family Asteraceae or genus Artemisia

None

Potential to grow the species in ex situ Collections

From RBG Edinburgh, Alpine Nursery

- Propagation

Seed - are sown in September, in plastic pot containing 3:1 John Innes seed compost (sieved or lump-free)/fine grit and top-dressed with fine grit. Bottom water pot until it's completely damp, then keep the pot in a north-facing cold frame, closed at night and open the day until germination.

Softwood cuttings- taken in September. The cuttings are dipped into a liquid rooting hormone mix and put in tray containing 1:1 quartz sand/ground pumice. Bottom watering is used the first time to ensure that the entire depth of soil receives moisture without dislodging the cuttings. The tray, covered with a propagator lid is placed in a cool glasshouse with bottom heat. Cuttings are kept moist at all times.

On rooting, the cuttings are transferred in individual clay pots, in a growing media containing 2:1:2:1/2 JI II/leaf mould/hen grit/perlite. The pots are plunged in sand in a light, cool glasshouse. Later, plantlets are repotted in larger, individual clay pots in a standard mix containing 2:1:2 JI II/leaf mould/granite grit, with a fine grit top-dressing. The pots are placed in an unheated cold frame for hardening-off. The frame is open during day time (except during extreme weather conditions) and closed at night, but open 24 hours from Easter to mid September.

Conservation Information

Linkages to LBAPs

A Species Action Plan has been produced for *A. norvegica*, lead partner is Chris Sydes, Scottish Natural Heritage Tel:0131 446 2461

No local implementation.

The species is recorded in Highland LBAP Areas.

Habitat Management

SSSI

Alladale Pinewood
Beinn Dearg
Cam Loch
Inverpolly
Knockan Cliff

Special Area of Conservation sites

Amat Woods
Beinn Dearg
Inverpolly
River Oykel

Special Protection Area sites

Beinn Dearg
Inverpolly, Loch U

Conservation programmes

No special conservation measures seem to be required; the species is unlikely to be of interest to the horticultural trade and its remoteness affords further protection.

Web References

- Image:
http://www.ukwildflowers.com/Web_pages/artemisia_norvegica_norwegian_mugwort.htm
- UK Species Action Plan: <http://www.ukbap.org.uk/UKPlans.aspx?ID=112>
- NBN Gateway database: <http://www.searchnbn.net>