

Valerianella dentata (L.) Pollich

Narrow-fruited Cornsalad

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections

Starting references

Family

Valerianaceae

IUCN category (2001)

Endangered.

(Archaeophyte)

Habit

Annual herb.

Life cycle

Flowers from June to August. Seed is thought to be quite long-lived. Germination is mainly in the spring.

Habitat

Arable land in the corners of fields and along field edges which have escaped intensive management; most frequently in spring-sown crops; on chalky soils, sand and calcareous clay.

Associated uncommon species

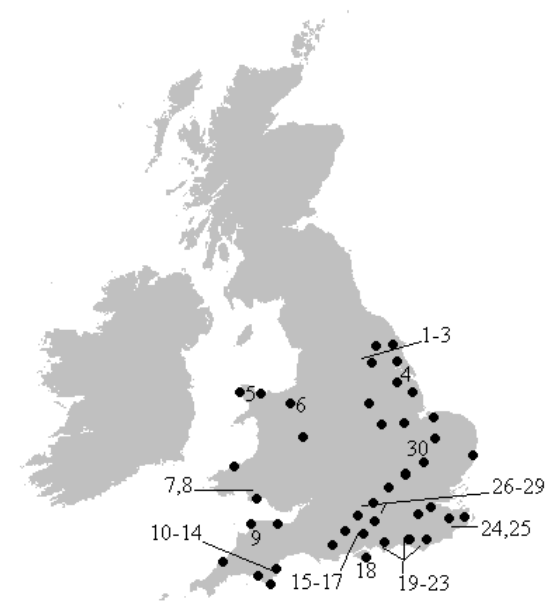
Often part of species-rich communities on chalky or sandy soils with species including Rough Poppy, Prickly Poppy, Night-flowering Catchfly, Dense-flowered Fumitory, Corn Parsley and, rarely, Pheasant's-eye, Spreading Hedge-parsley and Broad-fruited Cornsalad.

Reasons for decline

Intensification of arable farming. As a largely springgerminating species it has probably been affected by the decreasing area of spring-sown cereal crops.

Distribution in wild

Country	Locality & Vice County	Sites (10km ² occurrences)	Population (plants)
England	Widespread	161	
Wales	Widespread	7	



Ex situ Collections

Gardens close to the region of distribution of the species

- 1 RHS Harlow Carr
- 2 Harewood House Trust
- 3 Yorkshire Museum & Gardens, Yorks
- 4 University of Hull Botanic & Exp. Garden
- 5 Treborth Botanic Garden
- 6 Chester Zoological Gardens
- 7 National Botanic Garden of Wales
- 8 Swansea Botanic Garden
- 9 RHS Rosemoor
- 10 Paignton Zoological & Botanical Gardens
- 11 Exeter University
- 12 Bickton Park Botanical Gardens
- 13 Knightshayes Garden (NT)
- 14 The Shippen
- 15 Longstock Park Gardens
- 16 Mottisfont Abbey Garden (NT)
- 17 Sir Harold Hillier Garden
- 18 Ventnor Botanic Garden

- 19 West Dean Gardens
- 20 High Beeches Gardens
- 21 Nymans Garden (NT)
- 22 Borde Hill Garden
- 23 Newhaven Botanic Garden
- 24 Bedgebury National Pinetum
- 25 Sissinghurst Castle Garden (NT)
- 26 University of Oxford Botanic Garden
- 27 The Harris Garden
- 28 Windsor Gardens
- 29 Cliveden (NT)
- 30 Cambridge University Botanic Garden

Gardens with specialisation on family Valerianaceae

None

Potential to grow the species in *ex situ* Collections

Has moderately long-lived seeds.

Conservation information

Linkages to BAPs

Designated LBAP Areas are listed on <http://www.searchnbn.net>

Habitat Management

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

Conservation programmes

Unknown

Web References

- NBN Gateway database: <http://www.searchnbn.net>
- Arable Plants - a field guide:
http://www.arableplants.fieldguide.co.uk/?PP=species_account&SPID=20&SHC=1&PSD=1