

Sium latifolium L.

Greater Water-parsnip

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections

Starting references

Family

Apiaceae

IUCN category (2001)

Endangered.

Habit

Perennial herb.

Habitat

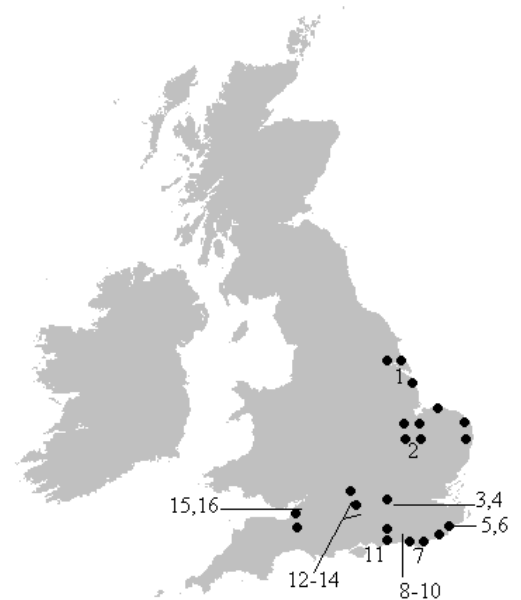
In ditches, growing amongst other emergent species or in reedswamp.

Prefers alkaline conditions. Lowland.

Reasons for decline

Habitat destruction, drainage, reclamation and changes in the management of water levels.

Distribution in wild



Country	Locality & Vice County	Sites (10km ² occurrences)	Population (plants)
England	SE Yorkshire	6	
	Lincolnshire	2	
	Cambridgeshire	5	
	West Norfolk	4	
	East Norfolk	9	
	Huntingdonshire	3	
	Northamptonshire	1	
	Suffolk	1	
	Buckinghamshire	1	
	Oxfordshire	3	
	Berkshire	3	
	Middlesex	1	
	Surrey	1	
	Sussex	9	
	Kent	3	
Somerset	6		

Ex situ Collections

Gardens close to the region of distribution of the species

- 1 University of Hull Botanic & Exp. Garden
- 2 Cambridge University Botanic Garden
- 3 RBG Kew
- 4 RHS Wisley
- 5 Bedgebury National Pinetum
- 6 Sissinghurst Castle Garden (NT)
- 7 Newhaven Botanic Garden
- 8 High Beeches Gardens
- 9 Nymans Garden (NT)
- 10 Borde Hill Garden
- 11 West Dean Gardens
- 12 University of Oxford Botanic Garden
- 13 The Harris Garden

- 14 Windsor Gardens
- 15 Bristol Zoo Gardens
- 16 University of Bristol Botanic Garden

Gardens with specialisation on family Apiaceae

None

Potential to grow the species in *ex situ* Collections

From Plant For A Future

- Propagation

Seed - sow late winter to early spring in a cold frame. The seed can be slow to germinate. Prick out the seedlings into individual pots when they are large enough to handle and plant them out in the summer if they are large enough. Otherwise, grow them on in a cold frame for their first winter and plant them out in the following spring. Division in early spring just before new growth begins. Use the side roots. Larger divisions can be planted out direct into their permanent positions. We have found it best to pot up the smaller divisions and grow them on in a lightly shaded position in a cold frame, planting them out once they are well established in the summer.

- Cultivation

Prefers a light, rich, moisture retentive soil in full sun. A plant of wet ground and shallow water, it grows best in about 20cm of water.

Conservation information

Linkages to BAPs

A Species Action Plan has been produced for *Sium latifolium*.

Lead partner is Lesley Saint, Environment Agency (<http://www.environment-agency.gov.uk/>)

The following LBAPs are working on the species:

Biodiversity in the East Riding of Yorkshire

Cambridgeshire Biodiversity Action Plan

Essex and Suffolk Water Biodiversity Action Plan

Lincolnshire Biodiversity Action Plan

Norfolk Biodiversity Action Plan

Ryedale Biodiversity Action Plan

Suffolk Local Biodiversity Action Plan

Habitat Management

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

Conservation programmes

Unknown

Web References

- UK BAP Species Action Plan: <http://www.ukbap.org.uk/UKPlans.aspx?ID=577>
- NBN Gateway database: <http://www.searchnbn.net>
- Plants For A Future: http://www.ibiblio.org/pfaf/cgi-bin/arr_html?Sium+latifolium
- Images: http://www.ukwildflowers.com/Web_pages/sium_latifolium_greater_water_parsnip.htm