

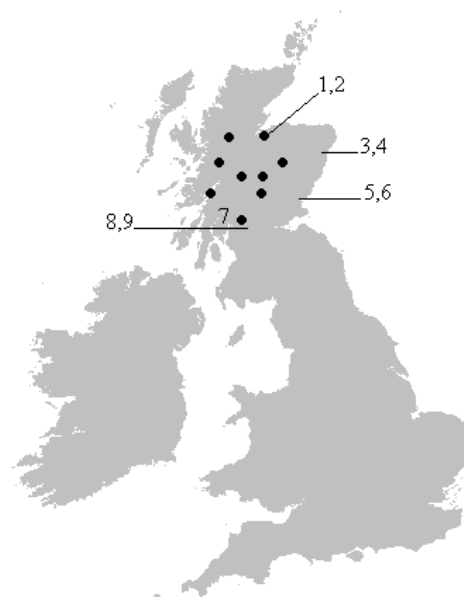
# *Melampyrum sylvaticum* L.

Small Cow-wheat

Key:

**Dots** refer to the native sites of the species

**Numbers** refer to the nearby Botanical Collections



## *Starting references*

### **Family**

Scrophulariaceae

### **IUCN category (2001)**

Endangered.

### **Habit**

Annual hemiparasite herb.

### **Habitat**

Wooded ravines, in grassy hollows and on banks in woodlands and on upland cliff ledges; In humid, lightly shaded situations. Near sea level to 760 m.

Substrates: damp, usually somewhat enriched acidic soils.

### **Reasons for decline**

Afforestation, nutrient enrichment, grazing and trampling by livestock.

### **Distribution in wild**

Country	Locality & Vice County	Sites (10km <sup>2</sup> occurrences)	Population (plants)
Scotland	E. Ross	1	
	Aonach air Chrith, W. Ross	1	
	Main Argyll	2	
	Easternness	2	
	South Aberdeenshire	1	
	West & East Perth	2	
	Mid Perth	5	

**Note:** Montane and under-recorded (*Red Data List for Great Britain*, 2005).

## *Ex situ Collections*

### **Gardens close to the region of distribution of the species**

- 1 Brodie Castle (NTS)
- 2 Cawdor Castle Gardens Estate
- 3 Cruickshank Botanic Garden
- 4 Pitmedden Garden (NTS)
- 5 Dundee Botanic Garden
- 6 St Andrews Botanic Garden
- 7 Younger Botanic Garden
- 8 Glasgow Botanic Gardens
- 9 Greenbank Garden (NTS)

### **Gardens with specialisation on family Scrophulariaceae**

B'ham Botanical Gardens & Glasshouses, Westbourne

Exeter University

Fletcher Moss Botanical Gardens

The Harris Garden

RBG Kew

University of Bristol Botanic Garden

University of Oxford Botanic Garden


Ventnor Botanic Garden

### **Potential to grow the species in *ex situ* Collections**

### ***Conservation information***

#### **Linkages to BAPs**

Species Action Plan has been produced for *M. sylvaticum*

 Lead Partner is Paul Gallagher, Wildlife Trusts Tel:01463 714746  
North East Scotland Biodiversity Partnership is working on the species.

#### **Habitat Management**

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

#### **Conservation programmes**

Unknown

#### **Web References**

- NBN Gateway database: <http://www.searchnbn.net>
- UK BAP: <http://www.ukbap.org.uk/UKPlans.aspx?ID=442>