

Monotropa hypopitys L. ssp. *hypopitys* L.

Not easily separable morphologically from ssp. *hypophegea*.

Starting references

Family

Monotropaceae

IUCN category (2001)

Endangered.

Habit

Saprophytic ± chlorophyll-less perennial herb.

Habitat

Leaf litter in shaded woodlands, most frequent under *Fagus* and *Corylus* on calcareous substrates, and under *Pinus* on more acidic soils. Also in damp dune-slacks, where it is usually associated with *Salix repens*. From 0-395 m.

Reasons for decline

Distribution in wild

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

Ex situ Collections

- 1 Brodie Castle (NTS)
- 2 Cawdor Castle Gardens
- 3 University of Hull Botanic & Exp. Garden
- 4 City of Liverpool Botanic Gardens
- 5 Ness Botanic Gardens
- 6 Chester Zoological Gardens
- 7 University of B'ham Botanic Garden, Winterbourne
- 8 B'ham Botanical Gardens & Glasshouses, Westbourne
- 9 National Botanic Garden of Wales
- 10 Swansea Botanic Garden
- 11 Dyffryn Gardens
- 12 Bristol Zoo Gardens
- 13 University of Bristol Botanic Garden
- 14 Longstock Park Gardens
- 15 Mottisfont Abbet Rose Garden (NT)
- 16 Sir Harold Hillier Garden
- 17 West Dean Gardens
- 18 Sissinghurst Castle Garden (NT)
- 19 Bedgebury National Pinetum
- 20 RHS Wisley
- 21 RBG Kew
- 22 University of Oxford Botanic Garden
- 23 The Harris Garden
- 24 Windsor Gardens
- 25 Cliveden (NT)
- 26 Cambridge University Botanic Garden

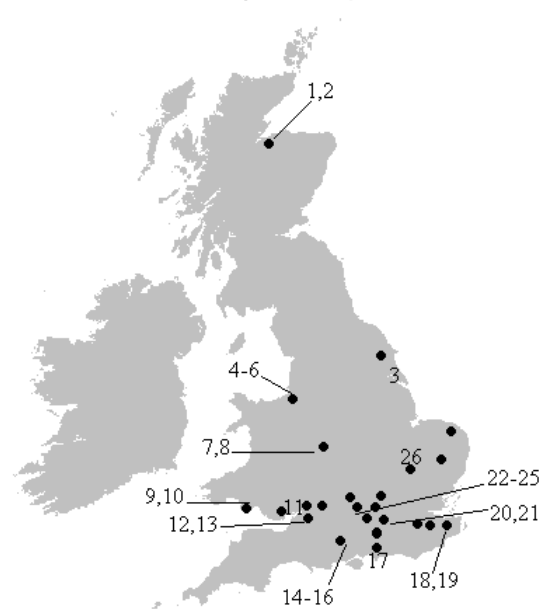
Gardens with specialisation on family Monotropaceae

None

Key:

Dots refer to the native sites of the species

Numbers refer to the nearby Botanical Collections



Potential to grow the species in *ex situ* Collections

Plants For A Future (details for *Monotropa uniflora*)

- Propagation

This is going to be an exceedingly difficult plant to propagate. The seed will need to be sown close to its host plant so one way would be to sow it in the leaf litter under established beech or coniferous trees. Alternatively, you could try sowing the seed in a cold frame in a pot that already contains a potential host plant. If successful, grow the young plant on in the cold frame for a couple of years before planting it out close to an established beech or coniferous tree.

- Cultivation

We have very little information on this plant but it should be hardy in this country. It is likely to require shady woodland conditions in a humus-rich moist soil.

It is a saprophytic plant, quite devoid of chlorophyll and depending totally on its host plant for nutrient.

Conservation information

Linkages to BAPs

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

Habitat Management

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

Conservation programmes

Unknown

Web References

- NBN Gateway database: <http://www.searchnbn.net>
- Plants For A Future database: http://www.ibiblio.org/pfaf/cgi-bin/arr_html?Monotropa+uniflora&CAN=LATIND