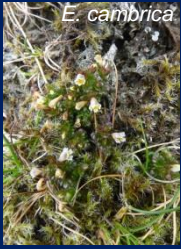


The *Euphrasia* Handbook

Chris Methereil
Fred Rumsey

Contents include

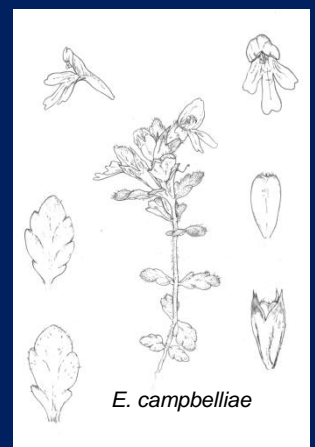
- Detailed descriptions of 22 species and all recorded hybrids
- Drawings and photos of all species and common hybrids
- Detailed keys and comparative tables to species and hybrids
- Regional keys for easier ID
- Distribution maps
- Discussion of conflicting taxonomies and rejected taxa
- Revised national IUCN threat statuses



Sample comparative table

Euphrasia micrantha & *Euphrasia scottica* are found in many areas of Britain & Ireland, but field recorders often find them difficult to separate particularly as in some areas intermediate, presumably hybrid, plants predominate. This table shows differences between the species: if any three of the characters **in bold** varies from the species description, then the specimen should be diagnosed as a hybrid.

	<i>E. micrantha</i>	<i>E. scottica</i>
Branching	Sometimes unbranched but often with multiple branches.	Usually unbranched, but occasionally with a single branch.
Leaf colour	Glossy green suffused with purple, above and +/- below. Upper surface at least as purple as lower.	Glossy green suffused with purple below, rarely so above. Upper surface less purple than below
Leaves	Generally opposite/sub-opposite.	Generally alternate.
Cauline leaf teeth	Obtuse to acute, apex of leaf obtuse to acuminate.	Obtuse to subacute, apex of leaf obtuse.
Lower floral leaf teeth	Acute to acuminate, apex of leaf subacute to acuminate.	Subacute to acute, apex of leaf obtuse to acute.
Lowest flower	Node 6 or above.	Node 6 or below.
Corolla colour	Bright purple occasionally lilac or white.	White, occasionally lilac.
Corolla shape	Lower lip prominent, longer than the upper.	Lower lip indistinct, equal to or very slightly longer than the upper.
Capsule	Shorter than, or more commonly equal to, the calyx.	As long as, or more commonly longer than, the calyx.
Capsule shape	Truncate or sometimes retuse at the apex.	Retuse to emarginate at the apex.



The *Euphrasia* Handbook: due out in 2017

Watch out for details of the pre-publication offer - in *BSBI News*.

