

***Euphrasia confusa* Pugsley x *tetraquetra* (Bréb.) Arrond.**

Native

VC5 Rare; VC6 Scarce

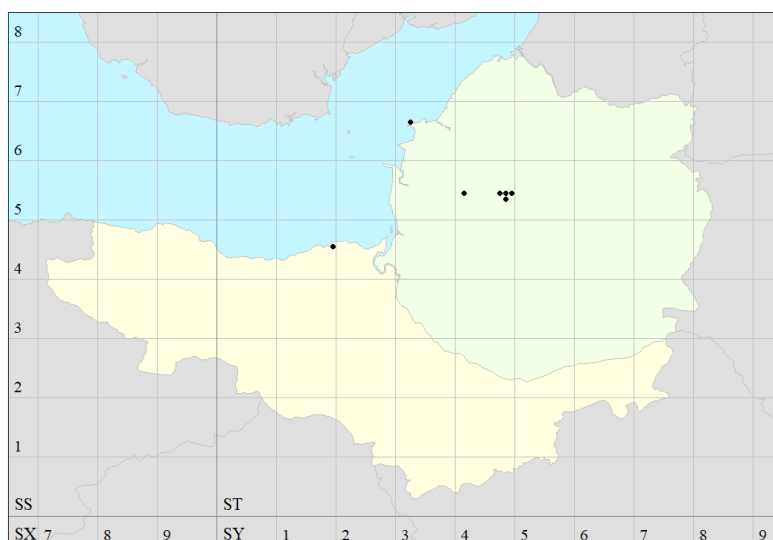
A variable, low-growing hybrid of cliff-tops, stabilised dunes, and calcareous grassland, differing from *E. tetraquetra* in its greater profusion of branches, which bear very small leaves, the leaves more cuneate with longer, finer teeth (Stace, 1975). In VC5 found in 2018 by G. Lavender and R. FitzGerald at Shurton Bars near Hinckley Point, growing with *E. tetraquetra*, the identification confirmed by Chris Metherell. There have been several records for VC6. Specimens in **BM** determined by P.F. Yeo were collected from Berrow [ST25] in 1900, Worle [ST36] by E.S. Marshall in 1907, Burnham [ST34] by T.J. Foggitt in 1931 and A.E. Wade in 1939, and Cheddar Gorge [ST467544] by P.F. Yeo in 1953. A specimen found by C.A. Howe at Pitcombe [ST63] in 1966 was identified as this hybrid by P.F. Yeo. In 1988, John Keylock discovered this hybrid in calcareous grassland at Dolebury, the specimen determined by A.J. Silverside (Roe, 1989). More recently it has been found at Sand Point, in a disused quarry at Cross, growing with both parents, and at five sites within the Cheddar Complex SSSI, all identifications determined or confirmed by Chris Metherell. This hybrid is distributed along the coast of western Britain, from southwest England to southwest Scotland; Somerset sites fall within this range. Inland sites in VC6 fall within the inland range of *Euphrasia tetraquetra* on the Mendips.

VC5

Shurton Bars	SSSI	ST19214588	2018	GEL, RFitzG	In short grass on cliff edge
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VC6

Sand Point	SSSI	ST32776603	2016	HJC	In short turf near trig point
Cross	SSSI	ST414549	2015	HJC, FJR	With both parents on floor of disused quarry
Dolebury	SSSI	ST45	1988	JGK	In calcareous grassland
Cheddar Gorge	SSSI	ST47405433	2017	HJC	On rocks at top of cliff, S side of Gorge
Cheddar Gorge	SSSI	ST48405352	2016	HJC, DEG	Many in short turf on rocks E of Totty Pot
Charterhouse	SSSI	ST48725485	2016	HJC	Several in short turf on top of N-facing rocks
Velvet Bottom	SSSI	ST49035488	2016	HJC	Few plants on rock outcrop at end of dam
Charterhouse	SSSI	ST49075487	2017	HJC, MAW	Few plants on rock outcrops above Yew



Distribution of *Euphrasia confusa* x *tetraquetra* (post-2000 records) in Somerset, mapped using MapMate.