

GRIMMIA DISSIMULATA E. MAIER, NEW TO THE EAST IBERIAN PENINSULA

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SPAIN: Valencia Region, Parc Natural Carrascal de la Font Roja, near Alcoy, UTM 30S YH1382, 1.250-1.300 m, on limestone rocks in *Quercus ilex* L. ssp. *ballota* (Desf.) Samp. woodland, 23 September 2004, leg. R. D. Porley 2540, 2541 (BCB; Priv. Herb. Porley).

Grimmia dissimulata was recently split from *G. trichophylla* Grev. on the basis of gametophytic and sporophytic characters (Maier, 2002). The best characters to distinguish the species are the transverse section of the nerve and basal leaf cell pattern. There are also differences in the ornamentation of the peristome. In this paper *G. dissimulata* is listed for mainland Spain, but with no details. The present record would appear to be the first for Valencia Region and the East Iberian Peninsula (M. Brugués, pers. comm.). Female plants were present, but sporophytes were not seen. It was found on at least two limestone rocks beside a track on a south facing slope, with *G. orbicularis* Bruch ex Wilson, *G. pulvinata* (Hedw.) Sm., *Didymodon luridus* Hornsch. ex Spreng. and *Schistidium apocarpum* s.l., in a dry Mediterranean forest characterised by *Quercus ilex* ssp. *ballota*, *Q. faginea* Lam. ssp. *faginea*, *Fraxinus ornus* L. and *Acer opalus* Miller ssp. *granatense* (Boiss.) Font Quer & Rothm.. It is likely that *G. dissimulata* occurs on other limestone outcrops within the Natural Park and may prove to be not uncommon elsewhere in the region.

Elsewhere in Europe the species is widespread in the Mediterranean region, with northern occurrences in Germany, Switzerland and Britain (Porley, 2004).

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REFERENCES

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