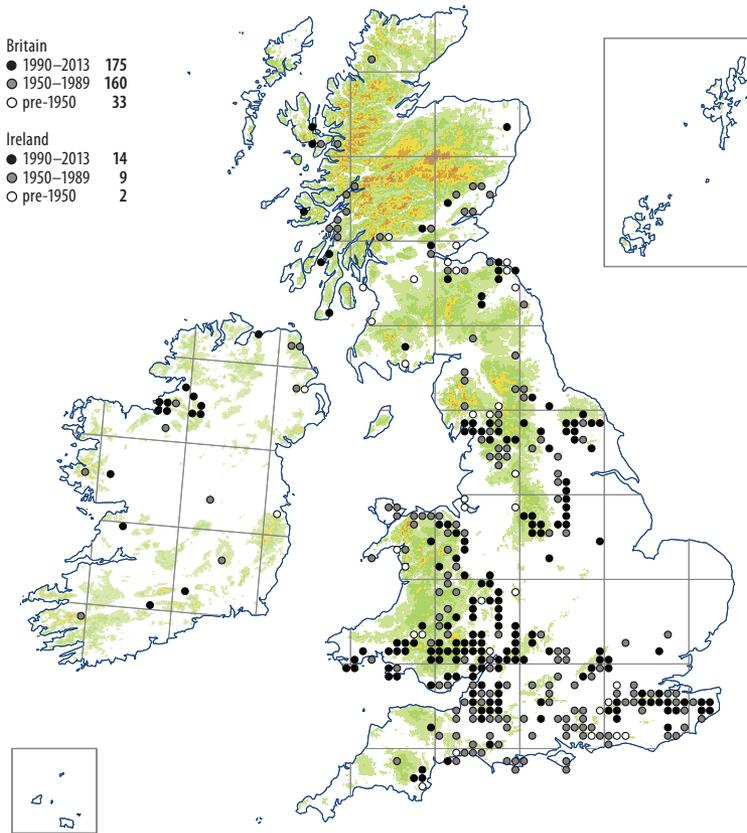


Taxiphyllum wissgrillii



This calcicolous species is found mainly in chalk and limestone areas, growing in thin patches on well-drained substrates in moderate to rather deep shade, typically in woodland or wooded gullies, but also under trees on stream banks, on shaded lanes and in long-disused quarries. It grows on basic rocks and stones (including calcareous sandstone, shales and igneous rocks), on soil, on tree bases and roots, and on banks. It is often found on stones or rocks near ground level, but sometimes at higher levels on the faces of boulders and crags. On tree bases recorded associates include *Brachytheciastrum velutinum*, *Heterocladium heteropterum* var. *flaccidum* and *Isoetecium alopecurum*; associates on rocks are more numerous, and include *Anomodon viticulosus*, *Cirriphyllum crassinervium*, *Ctenidium molluscum*, *Didymodon sinuosus* and *Neckera complanata*. Altitudinal range: 10–410 m.

Dioicous; capsules are very rare.

European Temperate. W, C and E Europe north to Iceland, C Scandinavia and the northern Urals, absent from most of the Mediterranean region, but reported from Mallorca, C Italy and Crete. N Africa (Tunisia). Turkey, Caucasus, Azerbaijan, Iran. Reported also from Siberia.

M.J. Wigginton, rev. T.L. Blockeel

▼ Knocknarea Glen, Co. Sligo, 2003. Nick Hodgetts

