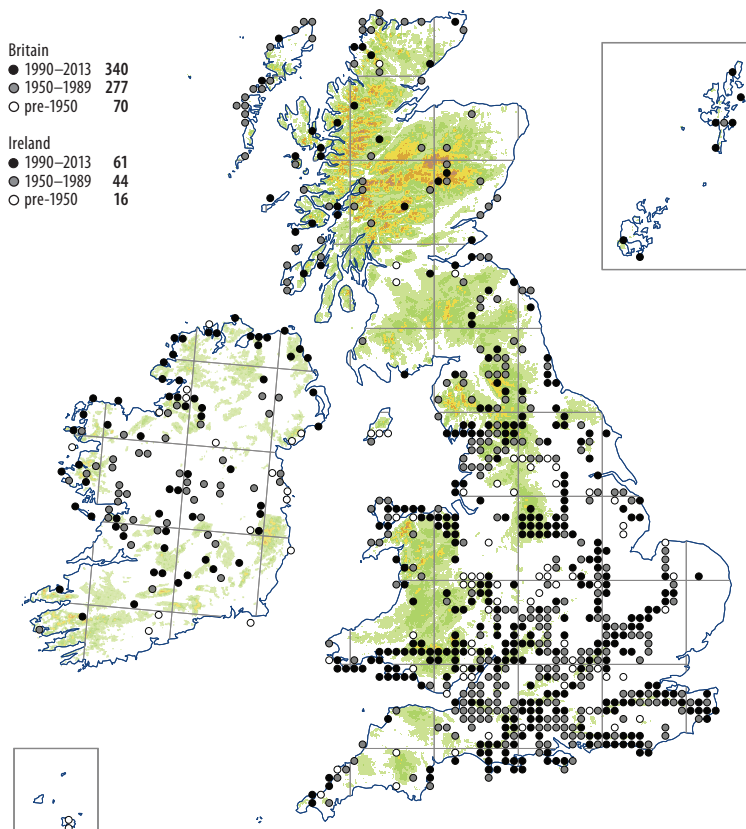


# Campyliadelphus chrysophyllus



**A** calcicole of dry, unshaded or lightly shaded short turf and rocks. On chalk and limestone it grows in unimproved grassland, in old quarries and rock cuttings, on scree, and, to a small extent on walls, bridges and even gravestones. Like many calcicoles of open ground it is frequent also on dunes and in coastal grassland. It prefers thin turf or soil at the edges of stones and rocks, and is less often found in dense closed turf. It is one of several species that Preston *et al.* (2009) found to benefit from some disturbance on the chalk grassland of Salisbury Plain. On other substrates it is generally uncommon, but occurs locally where suitably calcareous conditions exist. The communities in which it grows are often species-rich; typical associates include *Ctenidium molluscum*, *Fissidens dubius*, *Hypnum cupressiforme* var. *lacunosum*, *Pseudoscleropodium purum* and *Weissia* spp. For a species that is widespread in

boreal regions there are surprisingly few records from higher altitudes in Britain and Ireland; Duncan (1966) indicates that *Campyliadelphus chrysophyllus* is fairly frequent in the highland part of Angus, but gives no localised records. Altitudinal range: 0–950 m.

Dioicous; capsules are rare, mature in spring.

Circumpolar Boreo-temperate. Widespread in Europe from Iceland and Svalbard and Arctic Russia south to the mountains of the Mediterranean region. N Africa (Morocco). Turkey. Across the Northern Hemisphere in temperate and boreal zones, reaching the tropics in C America, the West Indies and Colombia.

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