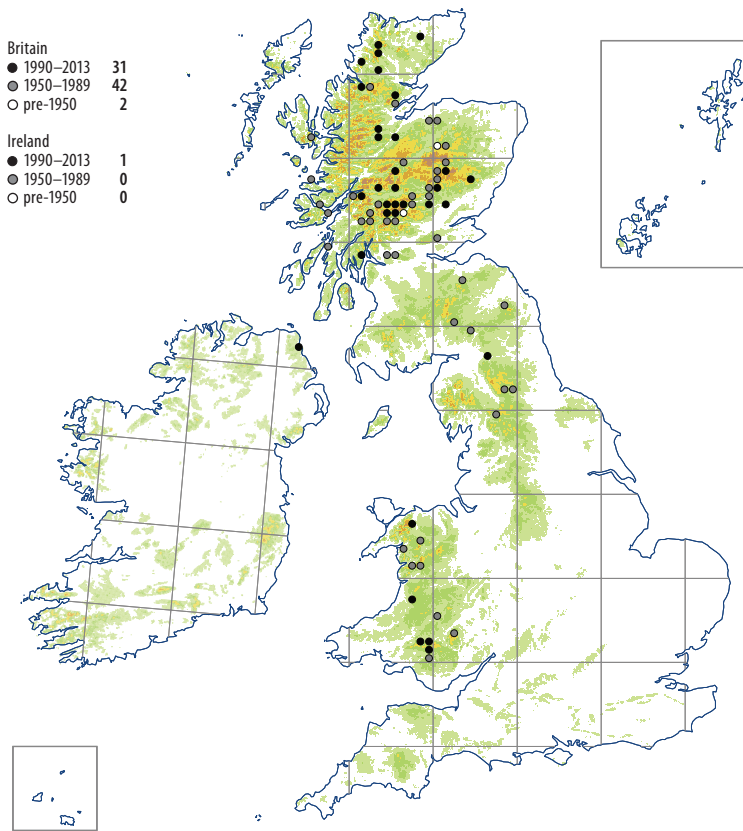


Leiocolea heterocolpos



A subalpine and alpine hepatic growing usually on damp calcareous rock outcrops in ravines, on streamside and on shaded cliffs, typically creeping over or through cushions of other bryophytes, especially *Amphidium mougeotii*, *Anoetangium aestivum*, *Distichium capillaceum*, *Gymnostomum aeruginosum* and *Orthothecium rufescens*. It is often found as scattered stems in small quantity along with *Blepharostoma trichophyllum*, *Lejeunea patens* or *Scapania aequiloba*. Altitudinal range: 15–915 m.

have declined to the extent suggested by the small number of post-1990 records.

Circumpolar Boreo-arctic montane. Mountain ranges throughout Europe south to Corsica, Pyrenees, Madeira and Canary Islands, becoming commoner in the north, especially Scandinavia; also in Svalbard and Iceland. Russia, Korea, Japan, China, Caucasus, Kazakhstan, Himalaya; northern and western N America, Greenland.

Dioicous; gametangia are rare; sporophytes have not been recorded in Britain (Paton, 1999); gemmae are frequent.

D.G. Long

Very easily overlooked when present in small quantity, so probably under-represented on the map and not likely to

