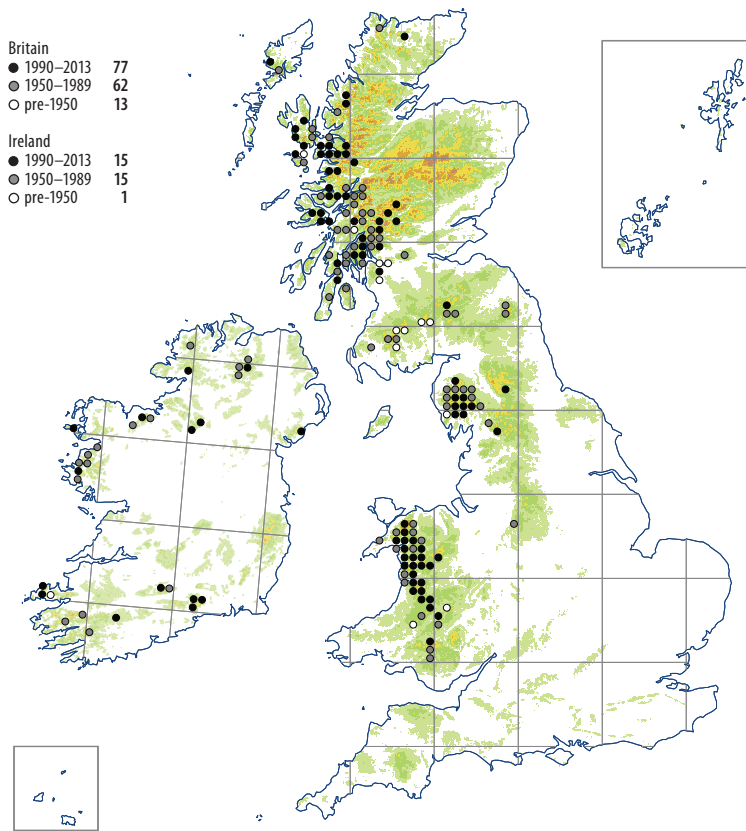


# Rhabdoweisia crenulata



Of the three *Rhabdoweisia* species, *R. crenulata* is the most demanding of humidity, occurring on shaded ledges and crevices of siliceous rock in humid or damp situations, often under overhangs. It occurs typically on rock walls in gorges and ravines, especially near waterfalls, in rocky Atlantic woodland, and on north-facing crags, occasionally among boulders in scree. It is usually found on acid substrates, including slates and sandstone, but also occasionally on basic rock. Altitudinal range: 10–700 m.

Surveys of Atlantic woodlands and ravines in Scotland have significantly increased the number of records there. After a low point in the 1970s, records in recent decades have been buoyant.

Monoicous; capsules are abundant, mature in summer.

Oceanic Boreal-montane. Western Europe from the Pyrenees to Belgium and SW Norway with isolated localities east to the Czech Republic, Slovenia and Romania. Himalaya, China. Greenland, N America (North Carolina only), Dominican Republic, S America (Colombia), Hawaii. The disjunct distribution of this species resembles that of several large liverworts such as *Pleurozia purpurea* and *Scapania ornithopodioides*. The liverwort disjunctions are sometimes attributed to fragmentation of range following failure of sexual reproduction, but such an explanation cannot possibly apply to the abundantly fertile *R. crenulata*.

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