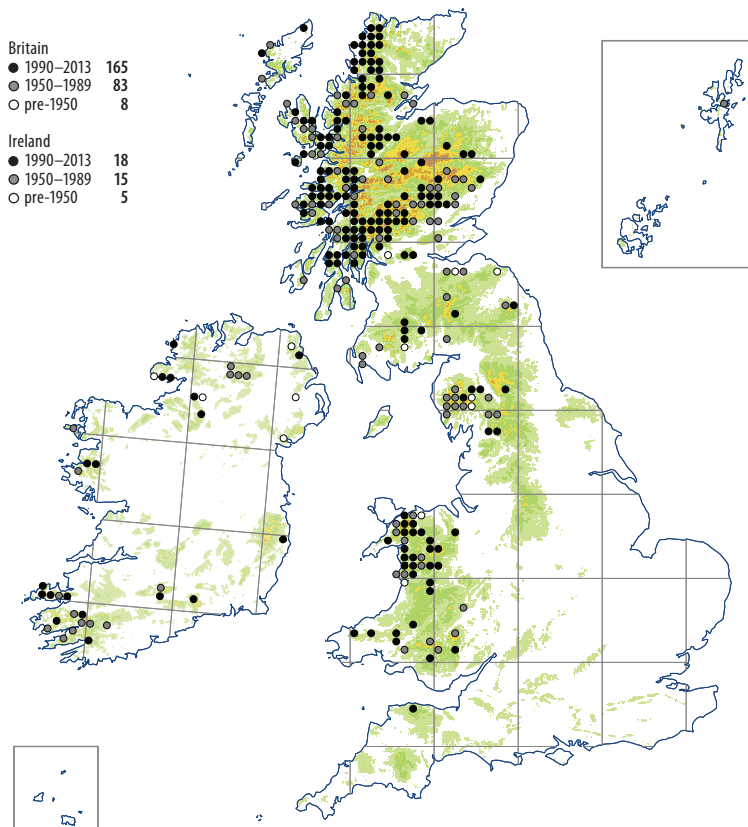


## Hygrohypnum eugyrium



This plant forms neat, flat, often brownish patches on rocks in streams and waterfalls, usually above normal water levels. It is often found on boulders in swift-flowing streams, usually in shade and often in rocky woodland, ravines and gullies, extending to corries in the uplands, but it is not confined to watercourses, and may occur on flushed rock surfaces and on boulders on the margin of lochs. Substrates range from mildly acid to moderately base-rich, and associates include *Marsupella emarginata*, *Scapania undulata*, *Dichodontium* spp., *Heterocladium heteropterum*, *Hyocomium armoricum*, *Sciuro-hypnum plumosum* and *Thamnobryum alopecurum*. Altitudinal range: 10–650 m.

Autoicous; capsules are frequent, mature in spring.

It is sometimes confused with forms of *Hygrohypnum luridum* and *H. ochraceum* and there may be a few mapping errors, but not significantly affecting its overall distribution.

Suboceanic Boreal-montane. W and C Europe north to C Scandinavia south to Spain and Corsica; in spite of its strongly Atlantic distribution in Britain and Ireland, it extends east to Poland and Romania and is reported from several of the Balkan states. Turkey. E Asia, Japan. Eastern N America (SE Canada south to Georgia).

The records show a markedly increasing trend since 1990 but this is probably due to intensive recording in Scottish ravines and woodland rather than a genuine increase in occurrence.

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