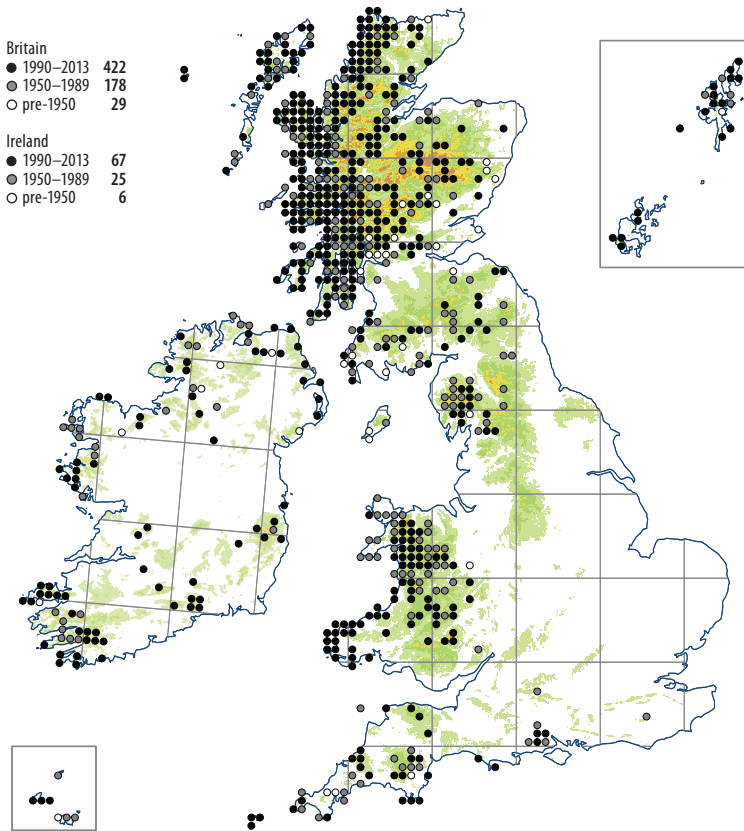


# Frullania fragilifolia



Found on dry, exposed, acid or mildly basic, often igneous, rocks near the sea with *Frullania teneriffae*, *Ulota hutchinsiae* and *U. phyllantha*, and on dry basic igneous rock outcrops and cliffs at low altitudes with *F. tamarisci*, *Grimmia trichophylla*, *Ptychomitrium polyphyllum*, *Schistidium apocarpum* and *Tortula subulata*. It also occurs on dry or slightly irrigated, shaded vertical rock walls in low-lying wooded ravines and on rocks by wooded streams, on basic cliff faces and in shaded gullies in the uplands, on shaded rocks in woods, and as an epiphyte on the trunks of oak, ash, hazel, and sycamore with *F. tamarisci* and *Hypnum andoi* in open woodland. Altitudinal range: 0–700 m.

Dioicous; female plants are frequent, capsules are occasional, April to July. Its caducous leaves presumably represent a means of vegetative reproduction.

Suboceanic Temperate. Widespread but local in Europe, extending from the Mediterranean to Finland, Russia and Iceland; Turkey. Macaronesia.

H.J.B. Birks, rev. S.D.S. Bosanquet

▼ Morfa Bychan, Carmarthenshire, 2003. Sam Bosanquet

