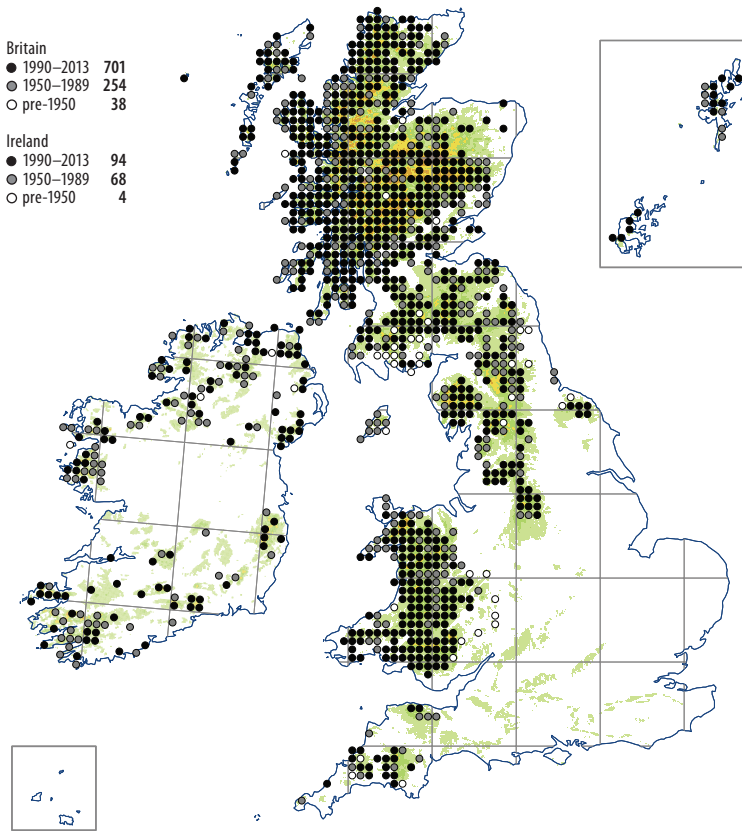


# Amphidium mougeotii



On moist or intermittently irrigated siliceous rocks, most often on vertical surfaces and in crevices where it may form large cushions. Habitats are varied and include rocky woods, ravines, gorges, montane cliffs and gullies. In the west it occurs also on coastal rocks. Although it is able to survive intermittent desiccation it is not found in stations that are dry for long periods. It occurs on a wide variety of rock types, in sites that range from moderately acid (usually where there is some slight mineral enrichment), to those that are weakly base-rich. *Blindia acuta* is a characteristic associate, and *Isopterygiopsis pulchella* often grows through it; in more base-rich sites it may occur with a wide range of species, including *Frullania tamarisci*, *Anoetangium aestivum*, *Bartramia* spp., *Gymnostomum aeruginosum*, and in montane regions *Grimmia torquata*. Altitudinal range: 0–1100 m.

Because of its conspicuous cushions, it is generally a well-recorded species and its mapped distribution is now fairly complete. It is one of a number of species that mark out regions with exposures of hard (but not highly calcareous) rocks.

Dioicous; capsules are very rare.

Eurosiberian Boreal-montane. In Europe north to Iceland and N Fennoscandia, east to the Urals, south to the hills and mountains of the Mediterranean region. Macaronesia. Turkey, Caucasus, Himalaya, Siberia, E Asia, Japan. N America, south to California.

T.L. Blockeel

