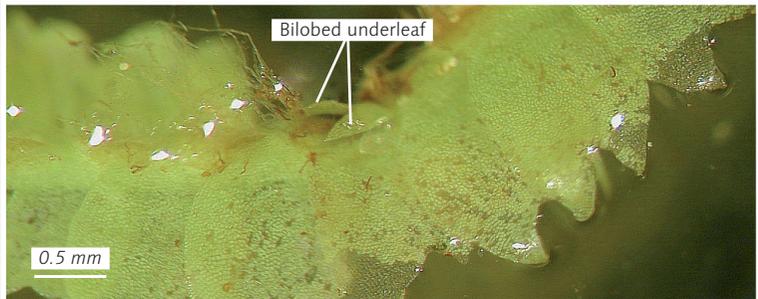
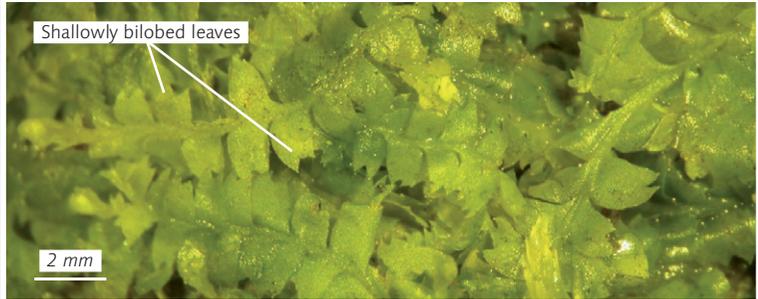
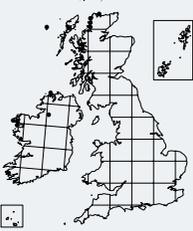


Geocalyx graveolens

Turpswort



Identification A rather succulent, aromatic, opaque, pale green leafy liverwort with shoots 0.6–3 mm wide, shallowly bilobed leaves to 1–1.5 mm long and wide, and underleaves deeply divided into 2 long, thin lobes. The fruiting structure emerges from a small cylindrical pouch on the underside of the shoot rather than from a tubular structure of modified leaves. As its English name suggests, *G. graveolens* has a strong, chemical smell.

Similar species *G. graveolens* resembles species of *Lophocolea* (pp. 183–186), but its leaves are all bilobed to more or less the same shallow depth, and its underleaves are a different shape. When fertile, the presence of a small pouch on the underside of the shoot, rather than a tubular structure of modified leaves, is a further point of distinction. *Leiocolea* species (pp. 123–128) have underleaves that are not bilobed, though they may be toothed; *Acrobolbus wilsonii* (Paton, p. 435) has more deeply bilobed leaves and no (or only very rudimentary) underleaves. *Harpanthus scutatus* (p. 189) has very narrow, entire underleaves.

Habitat This liverwort forms spongy patches amongst luxuriant mounds of other bryophytes on and among boulders, in a few localities in western Scotland and Ireland. It is most often found under leggy heather growing on coastal rock outcrops.