**Taxiphyllum wissgrillii**
Depressed Feather-moss

This is a rather anonymous plant, which looks like *Pseudotaxiphyllum elegans*, but grows on calcareous substrates. Its flattened shoots grow up to 3 cm long, and form pale green mats which are often noticeably glossy. Leaves are slightly less than 1 mm long, mostly symmetrical, and taper to an acute point. The nerve is very short and double, or absent. Capsules are very rarely produced.

**Similar species** *Pseudotaxiphyllum elegans* (p. 788) has more longly tapering leaves, often has thread-like branchlets and avoids calcareous substrates. Some *Plagiothecium* species (pp. 779–785) look similar; until experience has been gained, they are best distinguished microscopically by the leaf base which runs down onto the stem.

**Habitat** A lowland moss of calcareous habitats, growing mostly on rock, but sometimes on soil and tree bases, usually in woodland; it often grows on loose pieces of limestone on the ground.