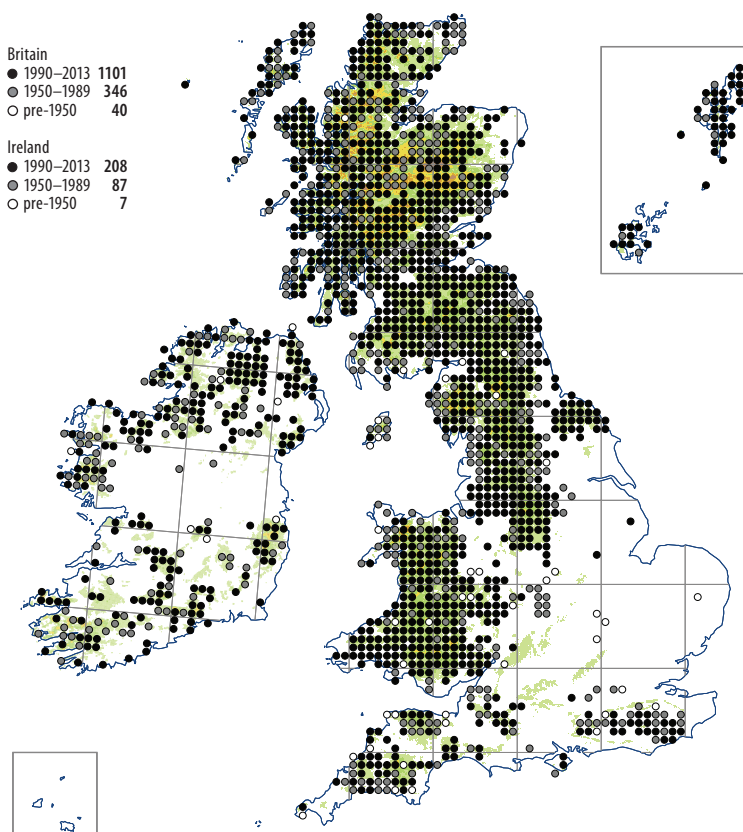
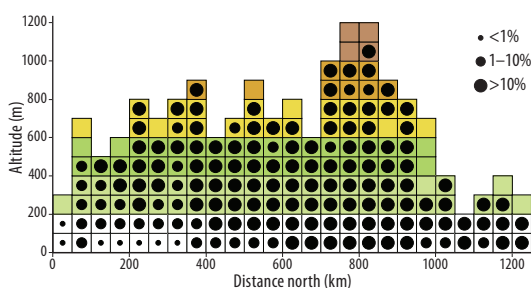


Dichodontium pellucidum



A moss of moist, acid or somewhat base-rich habitats, especially in the uplands. It is most commonly found in thin silt or sand on and among stones and rocks, occasionally on tree roots, on banks of streams and rivers, where associates may include *Chiloscyphus polyanthos*, *Scapania undulata*, *Racomitrium aciculare*, *Rhizomnium punctatum* and *Sciuro-hypnum plumosum*. It is also frequent on wet cliffs and crags, and in stony seepages. Small plants sometimes occur in drier places, as on damp stones by streams, on rocky tracks and in woodland. Elsewhere habitats include gravelly turf, moist open ground in dune slacks, and less commonly man-made substrates such as wall bases, irrigated masonry, stony paths, and even soil over crumbling concrete or among paving stones. It is more common in such habitats in western regions than in the drier east. Altitudinal range: 0–1100 m.



Gardiner (1981) thought that it might have increased in Surrey but there is no convincing evidence of a general increase in the lowlands.

Dioicous and occasionally with inflorescences, although populations with both sexes appear to be infrequent; capsules are occasional, maturing from late autumn to early spring. Gemmae are sometimes produced on filaments which arise on the stem below the insertion points of the leaves (Newton, 1989), and they also occur on the protonema both in culture (Whitehouse, 1987) and in nature (Pressel & Duckett, unpublished).

The map includes all records of *Dichodontium pellucidum* s.l. as well as those explicitly assigned to *D. pellucidum* s.s. It is likely that some of the mapped records actually belong to *D. flavescens*, which has not been consistently separated by recorders.

Circumpolar Boreo-arctic montane. Widespread across N and C Europe, especially in Arctic and boreal regions, from Iceland and Svalbard south to Portugal and S Spain, Corsica and Greece, but rare or absent in much of the Mediterranean region. Macaronesia (Madeira). Turkey, Caucasus. Circumboreal, south to the Himalaya and Yunnan (China) in Asia and Arizona in N America.

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