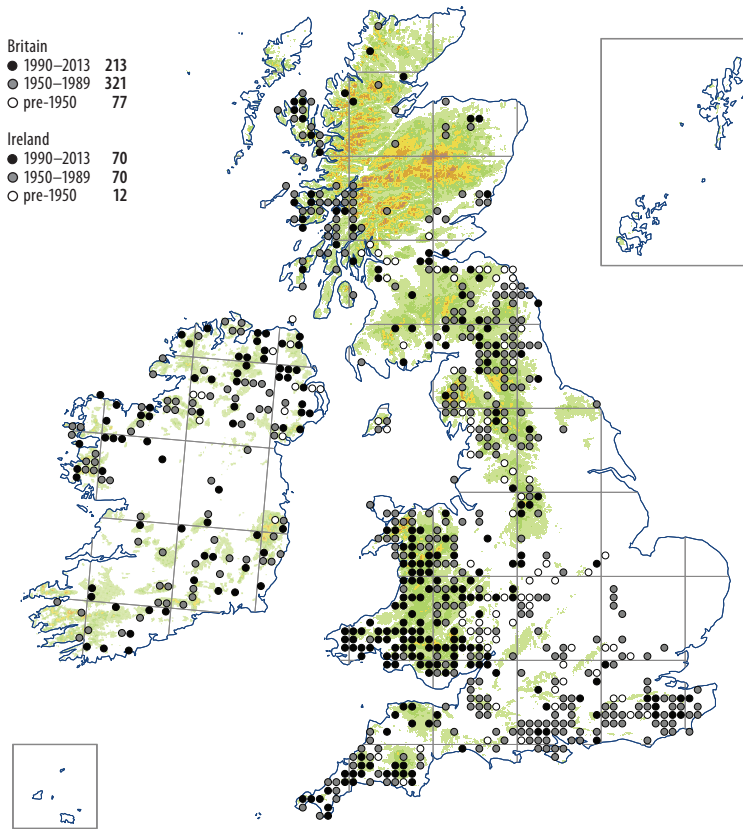


Calliergonella lindbergii



A species of open, moist, sparsely vegetated habitats on mildly basic to moderately acid soils, though often present in small quantity. It is characteristic of gravelly ground and clay by streams, tracks, forest roads and rides, in sand, gravel and china-clay pits, and on the floors of old quarries. Associates in such places include *Nardia scalaris*, *Scapania irrigua*, *Pogonatum urnigerum* and bulbiferous species of *Pohlia*. It is sometimes plentiful in the upper part of the draw-down zone of reservoirs on peaty sand/grit with pioneer species such as *Archidium alternifolium* and *Pohlia bulbifera*. Other habitats include short grassland in unimproved pastures, open heathland and bare ground by roads and paths, where *Calliergonella cuspidata* and *Rhytidiadelphus squarrosus* are frequent associates. Altitudinal range: 5–480 m.

It is easily overlooked when in small quantity, and the low proportion of recent records need not indicate a decline, at least in northern and western regions. However there have been some losses in lowland England from the deterioration of woodland rides and the sealing of roads.

Dioicous; capsules are unknown in Britain and Ireland and rare elsewhere.

Circumpolar Wide-boreal. Temperate, Arctic and alpine regions of Europe, extending to Iceland and N Fennoscandia, south to N Spain, S Italy and the Balkan mountains. Turkey. Widespread across the Northern Hemisphere, south to Yunnan in China and Florida and Texas in N America; also in S America in Brazil.

T.L. Blockeel

