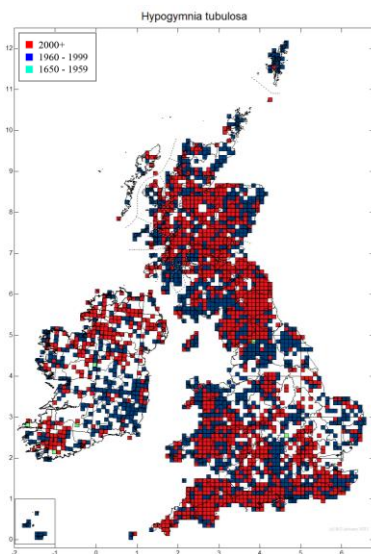


Hypogymnia tubulosa



Identification: Thallus grey to green-grey, composed of tubular lobes, ascending at the tips giving a finger-like appearance. The tips of the lobes darken and then develop rounded soralia with floured soredia which cover the entire tip of the lobe. The wrinkled under surface is light brown at the margin and darkens to black at the centre.

Chemistry: Cortex: K⁺ yellow, UV⁺ purplish. Medulla and soredia: KC⁺ red, P⁻, UV⁺ violet-blue.

Similar species: *H. physodes* has flattened lobes with floured soredia developing from the inner surface of the ruptured lobe tips.

Habitat: Common on trees, especially branches, rocks, moss, heather stems. Preferring acidic substrates and sensitive to nitrogen pollution.

Distribution: Throughout Britain and Ireland.