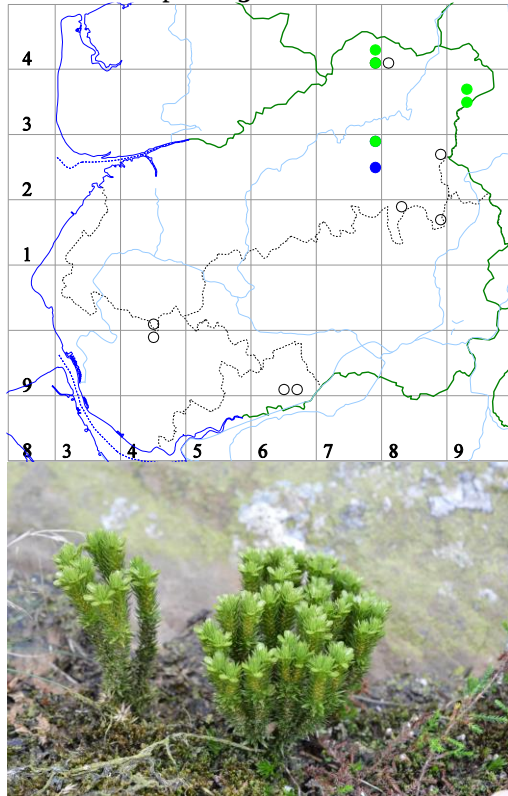


LYCOPHYTES

CLUBMOSES & QUILLWORTS

LYCOPODIACEAE Clubmoss family

Huperzia selago (L.) Bernh. ex Schrank & C. Martius ssp. *selago* Fir Clubmoss



Hameldon Scout, P Jepson 2021

Status & distribution: Native, Least Concern (Red List for England); SCINWE, LNRS, Scarce, Hameldon Scout (SD72Z, P Jepson, 2002-2021, with 4 scattered plants present E Mountford, 2025); Cribden Moor (SD72X, P Jepson, 2018); 1 plant, Pendle Hill (SD7941, L Redgrave, 2020) and 50-100 plants (SD7942, E Mountford, 2025); three populations found on Boulsworth Hill (E Mountford, 2025).

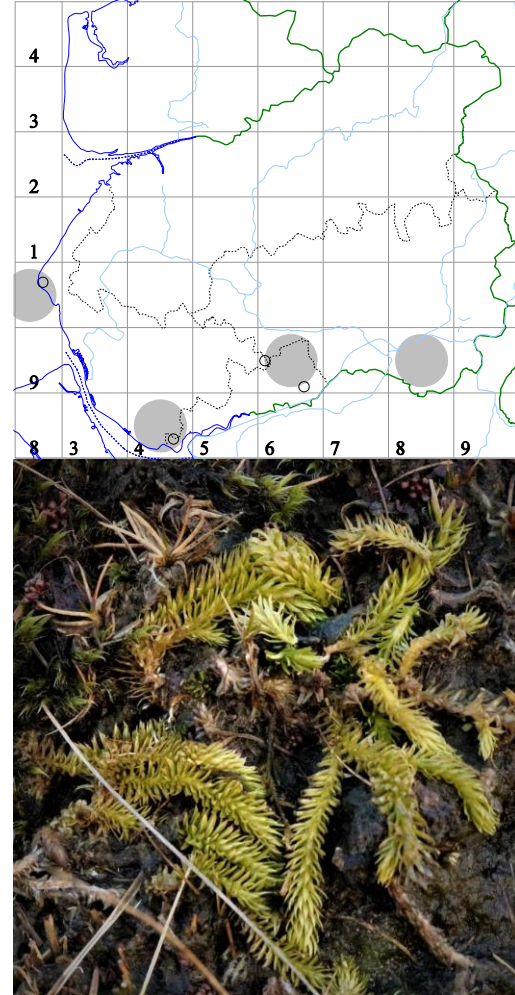
Former Distribution: Scarth Rake, Cliviger (SD82Y, W Wilson, n.d.); Rushy Hill (SD81Y, Buckley n.d.); Fo Edge (SD81J, JB Wood, 1839); Simonswood Moss (SD40K & SJ49P, W Skelthorne, Dickinson 1851); Risley Moss (SJ69Q, n.d.); Woolston Moss (SJ69K, W Wilson, n.d.).

Habitat: Open acidic grassland on steep slope associated with former mineral

workings; formerly amongst developing heathland communities on stony or open ground.

Comments: It has been suggested that extant populations might be re-colonisations from airborne spores.

Lycopodiella inundata (L.) Holub Marsh Clubmoss



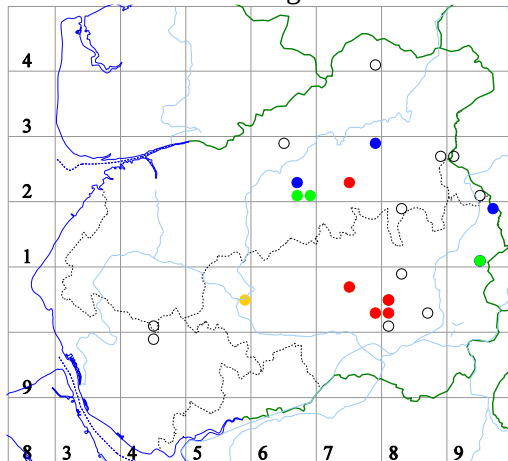
J Styles 2019

Status & former distribution: Native, Nationally Scarce, Endangered (Red List for England); SCINWE, LNRS. Formerly at Hale (SJ48R, Dr. Collingwood, 1860); Formby dunes (SD20T, HS Fisher, pre-1861); Risley Moss (SJ69Q, JB Wood, Buxton 1859); Highfield Moss (SJ69C, JB Wood, Buxton 1859). There is record limited to 10km precision for Manchester (SJ89, T Howson, n.d., BRC) which might relate to a record for VC58.

Habitat: Once a feature of dune-slacks and wet lowland heaths.

***Lycopodium clavatum* L.**

Stag's-horn Clubmoss



Crompton Moor, N Bamforth 2013

Status & distribution: Native, Vulnerable (Red List for England); SCINWE; Rare (5), Darwen Moors (SD62R, P Jepson 2005) & (SD62V, P Jepson, 2024); Calf Hey Reservoir (SD72L, J & H Lowell, 1997); Hambledon Scout (SD72Z, P Jepson 2002); Crompton Moor (SD91K, A Bamforth, 2003; A & N Bamforth, 2016; S Fraser, 2025); by Light Hazzles Reservoir (SD91U, D Wallace, 2016).

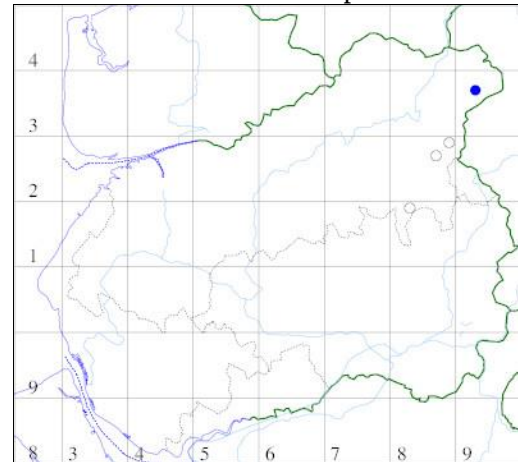
Former distribution: Boggart Hole Clough (SD80R, Buxton 1849); field at Pilsworth (SD80J, Buxton 1849); Fo Edge (SD81J, Grindon 1859); Billinge Hill (SD62P, G Ward, 1865); Pendle Hill (SD74V, Flora of Preston 1858); Cliviger Moor (SD82Y, J Nowell, 1841); Coal Clough (SD92D, Flora of Todmorden 1909); Langfield Moor (SD91K, Flora of Todmorden 1909); site of Wigan Power Station (SD50Y, 1984); Darcy Lever (SD70N, 1991); near Swinton (SD79W, 1992); Agecroft (SD80A, 1992); Mere Clough (SD80C, 1989).

Habitat: Developing heath and open acidic grassland communities, sand quarries, grit-stone quarries and power station fly-ash waste.

Comments: Populations can soon be lost to succession as appears to be the case with plants found at Calf Hey, Wigan and along the lower Irwell Valley between 1984 and 1992 whilst plants were not found at Crompton Moor by N Bamforth in 2021.

***Diphasiastrum alpinum* (L.) Holub**

Alpine Clubmoss



Status & distribution: Native, SCINWE, Least Concern (Red List for England);

Rare (1), formerly considered extinct but there are several records from Boulsworth Hill (SD93I, G McMullan, 2015) which require confirmation.

Former Distribution: Fo Edge (SD81J, Wood, 1840); Green Clough, near Todmorden (SD82Z, W Wilson, 1818, MANCH); moors above The Scouts (SD82T, Rev. W Wood, *Buxton* 1849); moors above Micklehurst (SD90R, Anon, 1805).

Habitat: On stony ground on moorland and screes.