



Marsh Clubmoss (*Lycopodiella inundata*) at Brynberian

Site Status Report 2018

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Introduction

Brynberian Moor was surveyed in July 2018 by Dominic Price and Susie Lamb of The Species Recovery Trust to assess the current status of Marsh Clubmoss against previous historical data. An exhaustive search of the whole site was not carried out, but all grid references where the plants had been previously seen were searched.

Six populations of Clubmoss were found, at a range of locations, including exactly where the grid refs had been previously recorded, nearby or in totally new locations.

On the whole conditions appear to be relatively favourable for the plants, with the continued use of trackways by sheep maintaining areas of damp bare ground. One of the sub-sites was however heavily overgrown with *Molinia*, which the sheep will be unable to open up and overall there is a lack of suitable habitat on other areas for plants to colonise.

It was not possible to assess change in the population of Clubmoss as the previous data held by us only gave indication of presence, but it is hoped that this survey can be repeated to give a more accurate sense of change over time.

The current management of the site appears to be generally favouring the population here and as such there is no current need to intervention management, but some form of periodic heavier cattle grazing could benefit and populations in helping them to expand and spread to new areas.

| SITE | GRID REF | POPULATION |
|------|----------------|------------|
| A | SN 11536 34928 | 21 |
| B | SN 11538 34914 | 33 |
| C | SN 11528 34891 | 374 |
| D | SN 11552 34838 | 1 |
| E | SN 11400 34430 | 0 |
| F | SN 11395 33980 | 7 |
| G | SN 11404 34104 | 180 |

Map



Northern sites



Site Status

Site A

SN 11536 34928

Upper reaches of main flush. Very wet and heavily grazed and poached as on the main route to sheep pen

2017 21 plants (2 strobili) on lightly poached sheep track. Good availability of habitat.



Site B

SN 11538 34914

2017. 30 plants with 5 strobili on edge of wet sheep track through mire. Further 3 plants 15m up track. The grounds is trampled but appears fairly optimal of the Clubmoss.



26/09/2016

Site C

SN 11528 34891

2017 374 plants on lightly poached sheep track through Mire with *Carex panicea*, *Tricophorum germanicum*, *Drosera intermedia*, *Molinia caerulea*. Fair level of fruiting.



Site D

SN 11552 34838

Narrow strip of flush/rill

2017 1 plant with strobili in lightly eroded damp ground on path across rill.



Site E

SN 11400 34430

Wet/damp peat on sloping area next to small pool

2017 overgrown with dense *Molinia* 0 Clubmoss plants



Site F

SN 11395 33980

In eroded hags beside rutted track

2017 7 small plants in damp bare ground on side of eroded jag with *Narthecium ossifragum*, *Carex panicea* and small *Molinia* tufts. Good availability of bare ground.



Site G

SN 11404 34104

Dense patch of 180 plants with *Narthecium*, *Pinguicula vulgaris*, *Drosera rotundifolia*, *Calluna* and *Erica tetralix*. Small area of bare ground on edge of hagg 5m West of track.



26/09/2016

About Us

The Species Recovery Trust is a charity set up to tackle the loss of some of the rarest species in the UK.

There are over nine hundred native species in the UK that are classed as under threat, with several hundreds more currently widespread but known to be in significant decline. The countryside is now bereft of many species that were a familiar sight a mere generation ago.

A small number of these species are on the absolute brink of existence, poised to become extinct in our lifetimes; our goal is to stop them vanishing.

Our aim is to remove 50 species from the edge of extinction in the UK by the year 2050. In addition we are reconnecting people with wildlife and the natural world through training programmes and awareness raising.



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