

From: [Arden, Rob \(NE\)](#)
To: [DORAN, Richard;](#)
cc: [HUGHES, Paul;](#)
[ARNOLD, Mark;](#)
Subject: RE: Sound Common
Date: 12 October 2012 12:04:00
Attachments: [image001.png](#)
[image002.png](#)

Hi Richard

I've consulted the NE senior heathland specialist and our senior specialist for bryophytes and managed to get them to agree to what seems like a reasonable course of action.

Bryophyte specialist comments on report:

None of the species mentioned are particularly rare in fact they are all rated as Least Concern. The two species of most interest, at least in the context of Cheshire, are *Orthotrichum lyellii* and *Cololejeunea minutissima*. Comparison of the species found during this species with those recorded up to 1995 show that 25 species appear to have been lost from the site – see list below for habitat preferences:

Regarding the list of species recorded up to 1995:

There are 30 species or varieties listed which do not occur in the 2012 survey.

Of these 5 are not lost, they simply have new names;

Amblystegium riparium is now Leptodictyum riparium.

Calliergon stramineum (miss-spelt as straminium) is now Straminergon stramineum.

Isopterigium elegans is now Pseudotaxiphyllum elegans.

Eurhynchium praelongum (both varieties) is now Kindbergia praelonga.

Of the other species Pohlia lescuriana is Nationally Scarce but Least Concern.

All the rest are just Least Concern.

Habitat preferences are as follows:

Brachythecium albicans: open habitats.

Brachythecium velutinum: On wood, branches, roots, stones, soil.

Bryum pallens: Moist bare soil.

Bryum rubens: Bare soil.

Calliergon cordifolium: Marshes and wet woods.

Dichodontium pellucidum: Wet habitats - usually near streams and lakes.

Dicranoweisia cirrata: On trees, fence posts, thatch and other organic substrates.

Funaria hygrometrica: Bare, disturbed, nutrient-rich habitats including old bonfire sites.

Leucobryum juniperoideum: Soil, tree bases and rocks in woodland.

Plagiothecium curvifolium: Soil, leaf litter, tree bases, tree stumps, rocks. Mainly in woodland.

Plagiothecium succulentum: Soil, rocks, tree bases. Mainly in woodland.

Pleurozium schreberi: Heaths, bogs and open heathy woods.

Pohlia lescuriana: Habitat not stated in the field guide but probably bare soil in open habitats.

Polytrichum commune: Heaths, bogs and open heathy woods.

Polytrichum juniperinum: Dry, exposed, acidic habitats such as disturbed or burnt soils.

Rhizomnium punctatum: Damp soil, rock, rotting wood.

Sphagnum auriculatum – now *Sphagnum denticulatum*: Bog pools, acidic flushes, springs and ditches.

Sphagnum fimbriatum: Bogs and wet heaths in open and shaded situations.

Sphagnum squarrosum: Swampy ground, wet woodland, moorland.

Tetraphis pellucida: Dry, humid, acidic substrates, rotting wood, rock, alder trees.

Ulota crispa: Twigs, branches and trunks elder, hazel, willow etc.

From my counting that is 5 heath / bog species no longer found on the site.

In terms of the heathland restoration works, *Orthotrichum lyellii* is not in an area to be cleared. *Cololejeunea minutissima* is on (one?) willow on the central ditch. This liverwort is not a rare species nationally, and, as the report identifies, has greatly increased its British distribution in recent years – including a spread to Cheshire. Our specialist agreed that it was appropriate to fell this tree in the context of overall objectives of the site and the fact we are managing for the habitat, not individual species, but it would be a good idea to keep the trunk of the tree with the liverwort on within the site – perhaps prop it up against a willow in an area which is not to be felled. This presumes you can work out which willow it is from the bearings / photos – GPS coordinates would have been a lot easier! I guess if you are struggling you could ask Paul to show you which tree it is.

So all told another obstacle but it shouldn't radically alter the plans.

Any more queries let me know.

Cheers

Rob Arden
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<http://www.naturalengland.org.uk>

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In an effort to reduce Natural England's carbon footprint, I will, wherever possible, avoid travelling to meetings and attend via audio, video or web conferencing.

From: DORAN, Richard [mailto:richard.doran@cheshireeast.gov.uk]
Sent: 02 October 2012 09:41
To: Arden, Rob (NE)
Cc: HUGHES, Paul; ARNOLD, Mark
Subject: FW: Sound Common

Hello

Please find attached as requested by [REDACTED]

Please note the locations of these as they will be affected by this coming winters work and I'd appreciate advice as to the appropriate way forward so as not to antagonize the situation.

It might be good to know if these are rare/common/typical?

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[Countryside Ranger Service website](#)



From: [REDACTED]
Sent: 01 October 2012 10:20
To: DORAN, Richard
Subject: Sound Common

Richard

Attached is copy of the Bryophyte report I commissioned on behalf of the Parish. I would appreciate it if you could forward it to Natural England and I await your combined comments.

Holidays and technical difficulties at the library have limited my activity but my interest in the site and your proposals is unabated.

Could you confirm whether the 'liason group' is constituted or not and are there any reports for the surveys carried out on behalf of Cheshire East?

[REDACTED]