

BBS Southern Group Meeting Report

Hogmoor Inclosure, Bordon (VC12), 24 November 2019

Summary

(Key to status codes given after tables.)

The long spell of rainy weather in autumn 2019 had provided ideal conditions for liverworts and ephemeral species to grow in the open sandy areas, especially in the north of the site and along the main tracks. These areas supported a bright green *Cephaloziella*, probably *C. hampeana* (CS), along with *Lophozia excisa* (CS), *L. ventricosa* (with red and green gemmae respectively) and *Pohlia wahlenbergii*. One small patch of *Fossombronia* sp. was also found in this habitat (perhaps *F. incurva*). A small *Philonotis* near the car park appeared to be a good candidate for *P. arnellii*, which would have been new for Hampshire, but the BSBI moss recorder thought that it was a similar-looking young form of *P. fontana*. Other species recorded from sandy areas included *Lophocolea semiteres* (along with abundant *L. bidentata*), *Pogonatum urnigerum* (CS) and *Polytrichum piliferum*.

At the pond in the south-east of the site there was still a little *Pohlia bulbifera* (CR) (first recorded as new to Hampshire on 18 May during a Hampshire Flora Group meeting), on previously disturbed ground with *Leptobryum pyriforme*. The adjacent willow carr was rich in epiphytes, including *Ulota bruchii* (surprisingly new to the 10km square), plus *U. crispera* s.s., *Orthotrichum pulchellum* and all three common Metzgerias. Amongst some fruiting *Hypnum cupressiforme* on the roots of an old fallen willow a patch of something with slightly different looking capsules was checked and found to be *Sanionia uncinata* (CR), new for VC12 and a very local species in southern Britain. Nearby was a small patch of *Polytrichum commune*.



Sanionia uncinata

The group checked a small area of wet heath dominated by overgrown heather at the southern end of the site where John Norton had recorded *Dicranum spurium* (VU, CS, NS) during a heathland survey in

2002. After quite a bit of searching we eventually found two small patches. There were also several other typical heathland species here, including *D. scoparium*, *Aulacomnium palustre*, *Pleurozium schreberi* and three *Sphagnum* species in very small amounts. *Aulacomnium androgynum* was also found nearby.



Dircranum spurium

New 10km square records (SU73) during the 2019 visits (18 May, 24 Nov) were as follows:

- Archidium alternifolium*
- Drepanocladus aduncus*
- Lophocolea semiteres*
- Pogonatum urnigerum*
- Pohlia bulbifera*
- Sanionia uncinata*
- Ulota bruchii*
- Ulota crispa* s.s.

Records (24 November 2019) in approximate order recorded

Taxon	Grid ref	Habitat	Substrate	Comments
<i>Barbula unguiculata</i>	SU786353	car park	disturbed soil	
<i>Rhytidiadelphus squarrosus</i>	SU786353	car park	grassland	
<i>Barbula convoluta</i> s.str.	SU786353	car park	disturbed soil	
<i>Bryum dichotomum</i>	SU786353	car park	disturbed soil	
<i>Bryum argenteum</i>	SU786353	car park	disturbed soil	
<i>Phascum cuspidatum</i> var. <i>cuspidatum</i>	SU786353	car park	disturbed soil	
<i>Tortula truncata</i>	SU786353	car park	disturbed soil	
<i>Pseudocrossidium hornschuchianum</i>	SU786353	car park	disturbed soil	
<i>Dicranella staphylina</i>	SU786353	car park	disturbed soil	
<i>Grimmia pulvinata</i>	SU786353	car park	concrete	
<i>Syntrichia montana</i>	SU786353	car park	concrete	

Taxon	Grid ref	Habitat	Substrate	Comments
<i>Didymodon insulanus</i>	SU786353	car park	concrete	
<i>Orthotrichum anomalum</i>	SU786353	car park	concrete	
<i>Tortula muralis</i>	SU786353	car park	concrete	
<i>Schistidium crassipilum</i>	SU786353	car park	concrete	
<i>Didymodon luridus</i>	SU786353	car park	concrete	
<i>Rhynchostegium confertum</i>	SU786353	car park	concrete	
<i>Pseudoscleropodium purum</i>	SU787352	pine plantation		
<i>Polytrichastrum formosum</i>	SU787352	pine plantation		
<i>Dicranella heteromalla</i>	SU787352	pine plantation		
<i>Kindbergia praelonga</i>	SU787352	pine plantation		
<i>Atrichum undulatum</i>	SU787352	pine plantation		LA
<i>Dicranum scoparium</i>	SU787352	pine plantation		
<i>Campylopus introflexus</i>	SU787352	pine plantation		
<i>Philonotis fontana</i>	SU787351	pine plantation	damp sandy track	
<i>Lophozia excisa</i>	SU787351	pine plantation	damp sandy track	
<i>Lophozia ventricosa</i>	SU787351	pine plantation	damp sandy track	
<i>Hypnum jutlandicum</i>	SU787351	pine plantation		
<i>Pohlia annotina</i>	SU787351	pine plantation	damp sandy track	
<i>Pogonatum urnigerum</i>	SU787351	pine plantation	sandy track	Small colony at edge of sandy track - the only patch seen
<i>Cephaloziella</i>	SU787351	pine plantation	damp sandy track	
<i>Brachythecium albicans</i>	SU787351	pine plantation	sandy track	
<i>Bryum rubens</i>	SU787351	pine plantation	sandy track	
<i>Fossombronia</i>	SU787351	pine plantation	sandy track	
<i>Ceratodon purpureus</i>	SU787351	pine plantation	sandy mound	
<i>Lophocolea semiteres</i>	SU78763516	pine plantation	damp sandy track	Edge of track. Only two colonies seen (<i>L. bidentata</i> much more common).
<i>Polytrichum juniperinum</i>	SU787351	pine plantation	sandy track	
<i>Lophocolea bidentata</i>	SU787351	pine plantation	sandy track	
<i>Archidium alternifolium</i>	SU788351	pine plantation	sandy track	
<i>Calliergonella cuspidata</i>	SU788351	pine plantation		
<i>Pohlia wahlenbergii</i>	SU788351	pine plantation	damp sandy track	
<i>Riccardia chamedryfolia</i>	SU788351	pine plantation	wet depression	
<i>Leucobryum</i> sp.	SU788351	pine plantation	wet depression	
<i>Polytrichum piliferum</i>	SU788351	pine plantation	sandy track	LA along edge of dry sandy track
<i>Pohlia bulbifera</i>	SU79063467	pond	previously disturbed ground on pond margin	Still present at this location, a few plants with bulbils.
<i>Drepanocladus aduncus</i>	SU790346	pond		
<i>Orthodontium lineare</i>	SU790346	pine plantation	old stump	
<i>Leptobryum pyriforme</i>	SU79063467	pond	bare soil	Previously disturbed soil at edge of pond.
<i>Hypnum cupressiforme</i> var. <i>cupressiforme</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Ulota bruchii</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Ulota crispa</i> sensu strictissimo	SU790346	willow carr	on <i>Salix cinerea</i>	

Taxon	Grid ref	Habitat	Substrate	Comments
<i>Orthotrichum pulchellum</i>	SU7835	willow carr	on <i>Salix cinerea</i>	
<i>Frullania dilatata</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Metzgeria violacea</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Cryphaea heteromalla</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Orthotrichum affine</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Dicranoweisia cirrata</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Metzgeria furcata</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Radula complanata</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Metzgeria consanguinea</i>	SU790346	willow carr	on <i>Salix cinerea</i>	
<i>Sanionia uncinata</i>	SU7905134662	willow carr	on <i>Salix cinerea</i>	Small patch on base of young fallen willow in old carr at edge of large drying pond; fruiting well, with <i>Hypnum cupressiforme</i> .
<i>Lophocolea heterophylla</i>	SU790346	willow carr		
<i>Polytrichum commune</i> var. <i>commune</i>	SU790346	willow carr		Small patch.
<i>Amblystegium serpens</i> var. <i>serpens</i>	SU790346	willow carr		
<i>Eurhynchium striatum</i>	SU790346	willow carr		
<i>Funaria hygrometrica</i>	SU789346	pine plantation	disturbed soil	
<i>Bryum capillare</i>	SU789345	pine plantation	concrete monument	
<i>Brachythecium rutabulum</i>	SU789345	pine plantation	concrete monument	
<i>Bryoerythrophyllum recurvirostrum</i>	SU789345	pine plantation	concrete monument	
<i>Dicranum scoparium</i>	SU788344	wet heath		In dense, leggy heather.
<i>Pleurozium schreberi</i>	SU788344	wet heath		
<i>Hypnum jutlandicum</i>	SU788344	wet heath		
<i>Aulacomnium palustre</i>	SU788344	wet heath		
<i>Sphagnum subnitens</i>	SU788344	wet heath		Very small patch noted.
<i>Sphagnum fallax</i>	SU788344	wet heath		Very small patch noted.
<i>Pseudoscleropodium purum</i>	SU788344	wet heath		
<i>Campylopus introflexus</i>	SU788344	wet heath		
<i>Sphagnum palustre</i>	SU788344	wet heath		Small patches noted.
<i>Dicranum spurium</i>	SU7885434505	wet heath		Small patch c.10cm dia refound in same location as my 2002 record, in smallish patch of wet heath dominated by leggy heather. Also 30 x 15cm patch at 78843 34510.
<i>Cephaloziella hampeana</i>	SU78843459	pine plantation	damp sandy track	
<i>Lepidozia reptans</i>	SU787346	pine plantation	stump	
<i>Isoetecium myosuroides</i>	SU787346	pine plantation	tree bole	
<i>Philonotis</i>	SU78653515	pine plantation	sand	Small patches on damp sandy track with <i>Lophozia</i> spp., <i>Cephaloziella</i> sp., <i>Pohlia wahlenbergii</i> & <i>Bryum</i> spp.
<i>Hypnum cupressiforme</i> var. <i>lacunosum</i>	SU786351	pine plantation	sandy track	
<i>Pohlia nutans</i>	SU78853512	pine plantation		

Species list (all dates) and status

Group	Taxon	Hants Rarity	GB Red List	GB Rarity	Date
L	Cephaloziella sp. (<i>C. hampeana</i> tbc)				24 Nov 2019
L	Fossombronia sp.				24 Nov 2019
L	Frullania dilatata				24 Nov 2019
L	Gymnocolea inflata	CS			25 Sep 2002
L	Lepidozia reptans				24 Nov 2019
L	Lophocolea bidentata				24 Nov 2019
L	Lophocolea heterophylla				24 Nov 2019
L	Lophocolea semiteres	CS			24 Nov 2019
L	Lophozia excisa	CS			24 Nov 2019
L	Lophozia ventricosa				24 Nov 2019
L	Metzgeria consanguinea				24 Nov 2019
L	Metzgeria furcata				24 Nov 2019
L	Metzgeria violacea				24 Nov 2019
L	Radula complanata				24 Nov 2019
L	Riccardia chamedryfolia				24 Nov 2019
M	Amblystegium serpens var. serpens				24 Nov 2019
M	Archidium alternifolium				24 Nov 2019
M	Atrichum undulatum				24 Nov 2019
M	Aulacomnium palustre				24 Nov 2019
M	Barbula convoluta s.str.				24 Nov 2019
M	Barbula unguiculata				24 Nov 2019
M	Brachythecium albicans				24 Nov 2019
M	Brachythecium rutabulum				25 Sep 2002, 24 Nov 2019
M	Bryoerythrophyllum recurvirostrum				24 Nov 2019
M	Bryum argenteum				24 Nov 2019
M	Bryum capillare				24 Nov 2019
M	Bryum dichotomum				24 Nov 2019
M	Bryum pseudotriquetrum s.l.				18 May 2019
M	Bryum rubens				24 Nov 2019
M	Calliergonella cuspidata				25 Sep 2002, 24 Nov 2019
M	Campylopus introflexus				24 Nov 2019
M	Ceratodon purpureus				25 Sep 2002, 24 Nov 2019
M	Cryphaea heteromalla				24 Nov 2019
M	Dicranella heteromalla				24 Nov 2019
M	Dicranella staphylina				24 Nov 2019
M	Dicranoweisia cirrata				24 Nov 2019
M	Dicranum scoparium				24 Nov 2019
M	Dicranum spurium	CS	VU	NS	25 Sep 2002, 24 Nov 2019
M	Didymodon insulanus				24 Nov 2019
M	Didymodon luridus				24 Nov 2019
M	Ditrichum heteromallum	CS			25 Sep 2002
M	Drepanocladus aduncus				18 May 2019, 24 Nov 2019
M	Eurhynchium striatum				24 Nov 2019
M	Funaria hygrometrica				24 Nov 2019
M	Grimmia pulvinata				24 Nov 2019

Group	Taxon	Hants Rarity	GB Red List	GB Rarity	Date
M	Hypnum cupressiforme var. cupressiforme				24 Nov 2019
M	Hypnum cupressiforme var. lacunosum				24 Nov 2019
M	Hypnum jutlandicum				24 Nov 2019
M	Isoetecium myosuroides				24 Nov 2019
M	Kindbergia praelonga				24 Nov 2019
M	Leptobryum pyriforme				24 Nov 2019
M	Leucobryum sp.				18 May 2019, 24 Nov 2019
M	Orthodontium lineare				24 Nov 2019
M	Orthotrichum affine				24 Nov 2019
M	Orthotrichum anomalum				24 Nov 2019
M	Orthotrichum pulchellum				24 Nov 2019
M	Phascum cuspidatum var. cuspidatum				24 Nov 2019
M	Philonotis fontana				24 Nov 2019
M	Pleurozium schreberi				24 Nov 2019
M	Pogonatum urnigerum	CS			24 Nov 2019
M	Pohlia annotina				18 May 2019, 24 Nov 2019
M	Pohlia bulbifera	CR			18 May 2019, 24 Nov 2019
M	Pohlia nutans				24 Nov 2019
M	Pohlia wahlenbergii				24 Nov 2019
M	Polytrichastrum formosum				24 Nov 2019
M	Polytrichum commune var. commune				24 Nov 2019
M	Polytrichum juniperinum				24 Nov 2019
M	Polytrichum piliferum				24 Nov 2019
M	Pseudocrossidium hornschuchianum				24 Nov 2019
M	Pseudoscleropodium purum				24 Nov 2019
M	Rhynchostegium confertum				24 Nov 2019
M	Rhytidiadelphus squarrosus				24 Nov 2019
M	Sanionia uncinata	CR			24 Nov 2019
M	Schistidium crassipilum				24 Nov 2019
M	Sphagnum fallax				24 Nov 2019
M	Sphagnum palustre				24 Nov 2019
M	Sphagnum subnitens				24 Nov 2019
M	Syntrichia montana				24 Nov 2019
M	Tortula muralis				24 Nov 2019
M	Tortula truncata				24 Nov 2019
M	Ulota bruchii				24 Nov 2019
M	Ulota crispa sensu strictissimo				24 Nov 2019

CR = county rare } (provisional classification)

CS = county scarce }

NS = nationally scarce

VU = Vulnerable

Totals

Liverworts	15
Mosses	67
Total taxa	82
CR	2

CS	6
VU	1
NS	1