

Wilverley Plain and Duckhole Bog area, New Forest

Bryophyte records from BBS Wessex Group/Southern Group joint meeting, Sunday 25th October 2015

Present: Andrew Branson, Eric Clement, Ginnie Copsey, Andy Cross, Barry Goater, Ann Haden, Michael New, John Norton, Sharon Pilkington, Martin Rand.

Wilverley Pit car park SU 256 012 on gravel with short, trampled turf

Brachythecium rutabulum
Bryum argenteum
Bryum dichotomum
Ceratodon purpureus
Hypnum lacunosum
Polytrichum juniperinum
Rhytidiadelphus squarrosus
Tortula truncata

Wilverley Plain, SU 253 015

Archidium alternifolium - along trampled track
Pseudoscleropodium purum - in grassland

head of minor valley W of Wilverley Plain in wet heath, SU 253 015

Campylopus introflexus - occasional on bare humic soil
Campylopus pyriformis - occasional here and elsewhere
Cephalozia bicuspidata - LF shady bare soil, perianths and gemmae
Dicranum scoparium - rather scattered in drier heath
Fossombronina foveolata - large patch on disturbed, wet muddy area, annual plants with abundant capsules
Gymnocolea inflata - patch on shady soil amongst heather, perianths
Orthodontium lineare - on dead wood, old capsules
Solenostoma (Jungermannia) gracillima - LA on bare soil including sides of eroded hummocks
Sphagnum capillifolium (rubellum) - scattered here
Sphagnum compactum - LF
Sphagnum denticulatum - LF
Sphagnum molle - small hummock at 2531 0157
Sphagnum palustre - abundant throughout
Sphagnum tenellum - occasional

valley mire with abundant *Molinia caerulea* and *Eriophorum angustifolium*, SU 252 016

Calypogeia arguta
Calypogeia fissa
Leucobryum glaucum - in drier heath at edge
Sphagnum cuspidatum
Sphagnum molle - two hummocks along drier edge, SU 2525 0166 and nearby; another at 2527 0183

as above

Aneura pinguis - in *Sphagnum* at SU 2535 0230 and elsewhere

as above, SU 252 020

Cladopodiella fluitans - LA
Sphagnum fallax
Sphagnum magellanicum - occasional
Sphagnum subnitens - LF
Splachnum ampullaceum - colony on pony dung at lunch stop, SU 2529 0207 (leaves only)
Straminergon stramineum - scattered here and elsewhere amongst *Sphagnum*

marshy mire next to thin strip of willow/birch carr along stream, by track crossing, SU 253 023

Aulacomnium palustre - LF

Bryum alpinum - small patches on the gravel track, N side of the stream
Bryum pseudotriquetrum
Campylium stellatum - small patch
Riccardia multifida - in *Sphagnum*, and on fallen twig under trees

willow/birch carr at above spot, SU 253 023

Brachythecium rutabulum
Hypnum andoi - on willow
Hypnum cupressiforme agg. on birch
Kindbergia praelonga
Lophocolea sp. (*bidentata*?)
Microlejeunea ulicina
Mnium hornum
Sphagnum flexuosum
Sphagnum squarrosum
Ulota crispa agg. - on willow

Duck Hole Bog, east of main track crossing, SU 251 023, species growing in *Sphagnum*-dominated valley mire

Calliergonella cuspidata
Campylium stellatum, patch at 2514 0233
Cephalozia connivens - F (including the potential *C. pleniceps*)
Kurzia pauciflora
Odontoschisma sphagni
Polytrichum commune
Riccardia chamaedryfolia
Riccardia latifrons
Sphagnum denticulatum - F
Sphagnum fallax - LF
Sphagnum inundatum - one small patch
Sphagnum magellanicum - few small patches
Sphagnum palustre
Sphagnum papillosum - probably LF at least here, possibly elsewhere
Straminergon stramineum
Warnstorfia exannulata - one patch noted

Duck Hole Bog, next to track crossing, SU 249 022

Calypogeia fissa, with perianths and gemmae

shady bank/cutting by track, SU 2499 0228

Calypogeia fissa, with perianths and gemmae
Dicranella heteromalla
Diplophyllum albicans
Pogonatum aloides - several patches; no capsules remaining [Although historically recorded on a 5-10km square basis from most of the New Forest and other parts of VC11 there are only three modern-day localised records for Hampshire, two of which are in the New Forest and one on the outskirts.]

ALPHABETICAL LIST OF TAXA

Aneura pinguis
Archidium alternifolium
Aulacomnium palustre
Brachythecium rutabulum
Bryum alpinum
Bryum argenteum
Bryum dichotomum
Bryum pseudotriquetrum

Calliergonella cuspidata
Calypogeia arguta
Calypogeia fissa
Campylium stellatum
Campylopus introflexus
Campylopus pyriformis
Cephalozia bicuspidata
Cephalozia connivens
Ceratodon purpureus
Cladopodiella fluitans
Dicranella heteromalla
Dicranum scoparium
Diplophyllum albicans
Fossombronia foveolata
Gymnocolea inflata
Hypnum andoi
Hypnum cupressiforme agg.
Hypnum lacunosum
Kindbergia praelonga
Kurzia pauciflora
Leucobryum glaucum
Lophocolea sp. (*bidendata*?)
Microlejeunea ulicina
Mnium hornum
Odontoschisma sphagni
Orthodontium lineare
Pogonatum aloides
Polytrichum commune
Polytrichum juniperinum
Pseudoscleropodium purum
Rhytidiadelphus squarrosus
Riccardia chamaedryfolia
Riccardia latifrons
Riccardia multifida
Solenostoma (Jungermannia) gracillima
Sphagnum capillifolium (rubellum)
Sphagnum compactum
Sphagnum cuspidatum
Sphagnum denticulatum
Sphagnum fallax
Sphagnum flexuosum
Sphagnum inundatum
Sphagnum magellanicum
Sphagnum molle
Sphagnum palustre
Sphagnum papillosum
Sphagnum squarrosum
Sphagnum subnitens
Sphagnum tenellum
Splachnum ampullaceum
Straminergon stramineum
Tortula truncata
Ulota crispa agg.
Warnstorfia exannulata

Total Sphagna = 14

Total taxa = 62