

The distribution and status of bryophytes in and around the Old Kennels and the woodland due north of Stentwood, Dunkeswell C.P. East Devon. Botanical Vice-county V.C.3. 17th June 2015.

The woodland mainly lies within Tetrad ST 11F, the Old Kennels being in Tetrad ST 10 J.

Mosses	
<i>Aqmblystegium serpens</i> f	Kitchen Garden
<i>Atrichum undulatum</i> f	Open ground near log stack
<i>Barbula convoluta</i> a var. <i>convoluta</i> f	Kitchen Garden
<i>Barbula convoluta</i> b var. <i>sardoa</i>	Kitchen Garden
<i>Barbula unguiculata</i>	Open ground near log stack
<i>Brachythecium rivulare</i>	Beside the stream
<i>Brachythecium rutabulum</i>	Edge of bank in woods
<i>Bryum capillare</i> f	On fallen tree in woods
<i>Calliergenella cuspidata</i>	On boggy ground in woods
<i>Campylopus flexuosus</i> f	On peaty hummock in woods
<i>Ceratodon purpureus</i> f	Kitchen Garden
<i>Cirriphyllum piliferum</i>	On shaded woodland bank
<i>Cryphaea heteromalla</i> f	On willow in woods
<i>Dicranella heteromalla</i> f	On hedge bank in woodland
<i>Dicranella staphylina</i>	On soil near log store
<i>Dicranum scoparium</i> f	On hedge in woodland
<i>Didymodon insulanus</i>	Kitchen Garden
<i>Didymodon rigidulus</i>	Kitchen Garden
<i>Eurhynchium striatum</i>	On hedge bank in woods
<i>Fissidens taxifolius</i>	On soil of stream bank
<i>Funaria hygrometrica</i> f	Kitchen Garden
<i>Homalothecium sericeum</i> f	On fallen oak tree in woods
<i>Hookeria lucens</i>	On stream side bank
<i>Hypnum andoi</i> f	On willow in woods
<i>Hypnum cupressiforme</i> d var. <i>resupinatum</i>	On beech in woods
<i>Hypnum jutlandicum</i>	On hedge bank in woods
<i>Isothecium alopecuroides</i>	On base of large tree
<i>Isothecium mysuroides</i> f	On willow etc. in woods
<i>Kindbergia praelonga</i>	On bank by stream
<i>Leucobryum juniperoideum</i>	On hedge bank in woods
<i>Mnium hornum</i>	On hedge in woods
<i>Neckera complanata</i>	On willow in woods
<i>Neckera pumila</i>	On tree by top path thro, woods
<i>Orthodontium lineare</i> f	On rotting tree stump in woods
<i>Orthotrichum affine</i> f	On hazel by top path thro' woods
<i>Orthotrichum lyellii</i>	On tree by top path thro' woods
<i>Orthotrichum pulchellum</i> f	On willow in woods
<i>Orthotrichum striatum</i> f	On willow in woods

<i>Oxyrhynchium hians</i>	On open ground near log store
<i>Plagiomnium undulatum</i>	On wet soil close to the stream
<i>Plagiothecium nemorale</i>	On shaded bank by the stream
<i>Plagiothecium undulatum</i>	On wet woodland floor
<i>Platyhypnidium riparoides</i>	On stones in stream
<i>Polytrichiastrum polytrichum</i> f	On hedge bank in woods
<i>Pseudoscleropodium purum</i>	On hedge bank in woods
<i>Pseudotaxiphyllum elegans</i>	On shaded slope of hedge
<i>Rhizomnium punctatum</i>	On side of the stream
<i>Rhynchostegium confertum</i> f	On large beech in woods
<i>Rhytidiadelphus loreus</i>	Shaded bank north end of woods
<i>Rhytidiadelphus squarrosus</i>	On bank near top path thro' woods
<i>Schistidium crassipilum</i>	Kitchen Garden
<i>Sciuro-hypnum plumosum</i>	On stones in stream
<i>Sphagnum denticulatum</i>	A few scattered clumps on woodland floor
<i>Sphagnum subnitens</i>	Single clump in bog at north end of woods
<i>Sphagnum palustre</i>	Dominant moss on wet woodland floor
<i>Tetraphis pellucida</i>	On rotten tree stump in woods
<i>Thamnobryum alopecurum</i>	On stream bank
<i>Thuidium tamariscinum</i>	On hedge bank in woods
<i>Tortula muralis</i> f	Kitchen Garden
<i>Tortula truncata</i> f	On open ground near log store
<i>Trichodon cylindricus</i>	On open ground near log store
<i>Ulota bruchii</i> f	On hazel by top path thro' woods
<i>Ulota crispa</i> f	On willow in woods
<i>Zygodon conoideus</i> f	On willow in woods
<i>Zygodon ruoesstris</i>	On large oak in woods
Liverworts	
<i>Calypogeia arguta</i>	On soil of stream bank
<i>Calypogeia fissa</i>	On hedge bank in woods
<i>Cephalozia bicuspidate</i> f	On hedge bank in woods
<i>Chiloscyphus polyanthos</i>	On stones in the stream

<i>Conocephalum conicum</i>	By the side of the stream
<i>Diplophyllum albicans</i>	On bank in the woods
<i>Frullania dilatata</i>	On hazel etc, in woods
<i>Frullania tamarisci</i>	On large fallen oak in woods
<i>Lepidozia reptans</i>	On rotten trunk in woods
<i>Lophocolea bidentata</i>	On rotten log in woods
<i>Lophocolea fragrans</i>	On chert stone below hedge in woods
<i>Metzgeria consanguinea</i>	On willow in woods
<i>Metzgeria furcata</i>	On hazel in woods
<i>Metzgeria violacea</i>	On willow in woods
<i>Microlejeunea ulicina</i>	On willow in woods
<i>Nowellia curvifolia</i>	On soft bare log in wood
<i>Pellia epiphylla</i>	On edge of steep bank in woods
<i>Radula complanata</i> f	On bark of large log in woods
<i>Saccogyna viticulosa</i>	On soil bank above the stream
<i>Scapania nemorea</i>	On bank north end of woods
<i>Scapania undulata</i>	In wet runnel north end of woods

f = with sporophyte

This site is a classic piece of valley side wet woodland associated with the Upper Greensand spring line that occurs in around the Blackdown Hills. The lower slopes are dominated by birch and willow with a ground flora covered by large hummocks of sphagnum moss. Running through this are a good number of relic hedge boundaries. These along with plenty of rotting timber provide a diverse habitat for the bryophytes. The upper part of the woods, which are much drier, has been affected by numerous changes and has a less diverse bryoflora. For what is a relatively small area the presence of 65 mosses and 21 liverworts is an excellent number. There are certainly more to be recorded but the very swampy areas, the presence of thick undergrowth and the absence of the ephemeral bryophytes to be found later in the year means that this list may be added to.

There is a possibility that the locally rare liverwort *Aneura mirabilis* may occur here, as it is associated with hummocks of *Sphagnum palustre* in wet birch woodland. The problem is that it grows at the boundary between the base of the hummocks and the peaty soil. This requires lifting large amounts of sphagnum, which is a rather destructive process.