



## Non Flowering Plants - full list of species seen in Selsdon Wood

Non Flowering plants include ferns, mosses and liverworts which are very difficult for amateurs to identify.

### Bryophytes

However we are delighted to report that we were contacted in March 2014 by a Danish biologist, Mogens Holmen, who had visited our wood in February while on a visit to friends in the UK. He supplied a list of mosses and liverworts that he had identified in Selsdon Wood and corrected all of our original identifications!! After later visits in May 2014 and February and October 2015 he added many more identifications and photographs.

We have a booklet entitled "*Selsdon Wood Nature Reserve - Its history and Management: Some records of Flora and Fauna*" which was produced in 1978 by Jack Penry-Jones on behalf of the Croydon Natural History and Scientific Society. This contains a list of bryophyte species observed by E C Wallace in Selsdon Wood on 14th October 1977 and Mogens Holmen did a splendid job of combining the two lists. These show some overlap, but also many differences. Some changes might have taken place in the area, but another reason for many of the differences between Wallace's list and Mogen's is probably, that neither of them represent very detailed surveys.

The complete combined list is given below with photographs of those in black text appearing in the image gallery. Most of these were taken by Mogens on his visit but our own older photographs are also included - now correctly named. These for the most part duplicate those taken by Mogens but also include one earlier FSW photograph. We do not yet have photos of those in red text. The "Where" column gives an indication of the type of location in which the moss is found. The various moss-species are all more or less specialized, which is one important reason for the coexisting of so many species in an area such as Selsdon Wood.

MOSSES A-B - Latin Name	Common Name	Where	1977 Wallace	2012-2015 FSW & Holmen
Amblystegium serpens	Creeping Feather-moss	decaying stumps	✓	✓
Amblystegium varium (Hygroamblystegium v.)	Willow Feather-moss			✓
Atrichum undulatum	Common Smoothcap		✓	✓
Barbula unguiculata	Bird's-claw Beard-moss		✓	✓
Brachythecium rutabulum	Rough-stalked Feather-moss		✓	✓
Brachythecium velutinum (= Brachytheciastrum v)	Velvet Feather-moss		✓	✓
Bryoerythrophyllum recurvirostrum	Red Beard-moss			✓
Bryum argenteum	Silver-moss		✓	
Bryum capillare	Capillary Thread-moss			✓
Bryum sp. (perhaps B. caespiticium)	Thread-moss (perhaps Tuftet T-m.)			✓
MOSSES C-D - Latin Name	Common Name	Where	1977 Wallace	2012-2015 FSW & Holmen
Calliergonella cuspidata	Pointed Spear-moss			✓
Campyliadelphus chrysophyllus (= Campylium c.)	Golden Feather-moss			✓
Campylopus introflexus	Heath Star Moss			✓2015
Ceratodon purpureus	Redshank		✓	
Cirriphyllum crassinervum	Beech Feather-moss	tree base	✓	✓
Cirriphyllum piliferum	Hair pointed Feather-moss	the ground	✓	✓
Cratoneuron filicinum	Fern-leaved Hook-moss			✓
Ctenidium molluscum	Comb-moss		✓	✓
Dicranella heteromalla	Silky Forklet-moss	tree stumps	✓	✓
Dicranoweisia cirrata	Common Pincushion		✓	✓2015
Dicranum scoparium	Broom Fork-moss			✓
Dicranum montanum (= Orthodicranum montanum)	Mountain Fork-moss		✓	
Didymodon fallax (= Barbula fallax)	False Beard-moss		✓	
Didymodon insulans	Cylindric Beard-moss			✓
Didymodon sinuosus (= Oxystegus sinuosus)	Wavy Beard-moss		✓	✓

<b>MOSESSES F-K - Latin Name</b>	<b>Common Name</b>	<b>Where</b>	<b>1977 Wallace</b>	<b>2012-2015 FSW &amp; Holmen</b>
Fissidens sp., bryoides or incurvus	Lesser or Short-leaved Pocket-moss			✓
<b>Fissidens gracilifolius (= F viridulus var. tenuifolius)</b>	<b>Narrow-leaved Pocket-moss</b>		✓	
Fissidens taxifolius	Common Pocket-moss	the ground	✓	✓
Grimmia pulvinata	Grey-cushioned Grimmia			✓2015
Homalia trichomanoides	Blunt Feather-moss	base of trees		✓
Homalothecium lutescens (Camptothecium lutescens)	Yellow Feather-moss			✓
Homalothecium sericeum	Silky Wall Feather-moss			✓2015
Hypnum cupressiforme	Cypress-leaved Plait-moss	trunks & logs	✓	✓
Hypnum resupinatum	Supine Plait-moss			✓
Isothecium alopecurooides (= Isothecium myurum)	Larger Mouse-tail Moss		✓	✓
Isothecium myosuroides	Mouse-tail Moss	tree trunks	✓	✓
Kindbergia praelonga (= Eurhynchium praelongum)	Common Feather-moss	everywhere	✓	✓
<b>MOSESSES M-P</b>	<b>Common Name</b>	<b>Where</b>	<b>1977 Wallace</b>	<b>2012-2015 FSW &amp; Holmen</b>
Mnium hornum	Swan's-neck Thyme-moss	soil, logs & trees	✓	✓
Neckera complanata	Flat Neckera		✓	✓2015
Orthodontium lineare	Cape Thread-moss	logs & stumps		✓
Orthotrichum sp.(2 species)	Bristle-moss sp.			✓
Oxyrrhynchium hians (= Eurhynchium swartzii)	Swartz's Feather-moss		✓	✓
Plagiochila porelloides				✓2015
Plagiomnium undulatum	Hart's-tongue Thyme-moss	on soil	✓	✓
Plagiomnium rostratum	Long-beaked Thyme-moss		✓	✓
Plagiothecium curvifolium	Curved Silk-moss	under conifers	✓	✓
<b>Plagiothecium denticulatum</b>	<b>Dentated Silk-moss</b>		✓	
Plagiothecium nemorale	Woodsy Silk-moss	soil & tree bases		✓
<b>Plagiothecium succulentum</b>	<b>Juicy Silk-moss</b>		✓	
Polytrichastrum formosum (= Polytrichum formosum)	Bank Haircap		✓	✓
<b>Pohlia melanodon (= Pohlia carnea)</b>	<b>Pink-fruited Thread-moss</b>		✓	
<b>Pottia davalliana</b>	<b>Smallest Pottia</b>		✓	
Pseudocrossidium hornschuchianum	Hornschuch's Beard-moss			✓
Pseudoscleropodium purum (= Scleropodium p)	Neat Feather-moss			✓
<b>MOSESSES R-T - Latin Name</b>	<b>Common Name</b>	<b>Where</b>	<b>1977 Wallace</b>	<b>2012-2015 FSW &amp; Holmen</b>
Rhizomnium punctatum	Dotted Thyme-moss			✓
Rhynchostegiella pumila (= Oxyrrhynchium p.)	Dwarf Feather-moss			✓
<b>Rhynchostegium confertum</b>	<b>Clustered Feather-moss</b>		✓	✓
Rhytidiadelphus squarrosus	Springy Turf-moss		✓	✓
Tetraphis pellucida	Pellucid Four-tooth Moss	rotten stumps		✓
Thamnobryum alopecurum	Fox-tail Feather-moss	rocks/tree bases	✓	✓
Thuidium tamariscinum	Common Tamarisk-moss	on soil		✓
Tortula muralis	Wall Screw-moss			✓2015
<b>LIVERWORTS - Latin Name</b>	<b>Common Name</b>	<b>Where</b>	<b>1977 Wallace</b>	<b>2012-2015 FSW &amp; Holmen</b>
Frullania dilatata	Dilated Scalewort			✓2015
Lophocoela heterophylla (= Chiloscypus profundus)	Variable-leaved Crestwort		✓	✓2015
<b>Lophocolea bidentata (= Chiloscypus coadunatus)</b>	<b>Bifid Crestwort</b>			✓
Metzgeria furcata	Forked Veilwort			✓2015
<b>Plagiochila asplenioides (= P asplenioides ssp. asplenioides)</b>	<b>Greater Featherwort</b>		✓	
Plagiochila porelloides (= P asplenioides ssp. porelloides)	Lesser Featherwort		✓	✓2015
Radula complanata	Even Scalewort	on trees		✓
Seligeria calycina (= Seligeria paucifolia)	English Rock-bristle		✓	✓2015

## Ferns

Thanks to Alison Paul, Curator of Pteridophytes at The Natural History Museum for help with fern identification.

<b>FERNS - Latin Name</b>	<b>Common Name</b>	<b>Notes</b>	<b>1977</b>	<b>2012</b>
Dryopteris dilatata	Buckler Fern		✓	✓
Dryopteris filix-mas	Male Fern	Conical shape is key identifier	✓	✓
Pteridium aquilinum	Bracken	Widespread in field edges	✓	✓