

Appendix 4 – Flora Survey

Scientific names of species	Common names of species	School Wood				Milton Wood			
		Survey Date 9 June 2007				Survey Date 24 May 2008			
		Car Park	Pine Area	Damp Area	Birch Area	Rowan Area	NE car park	River-side	Field
<i>Acer pseudoplatanus</i>	Sycamore								
<i>Achillea millefolium</i>	Yarrow or Milfoil	X					X	X	
<i>Aegopodium podagraria</i>	Ground Elder	X						X	
<i>Ajuga reptans</i>	Bugle						X		
<i>Alnus glutinosa</i>	Alder or Common Alder						X		
<i>Anemone nemorosa</i>	Wood Anemone					X			X
<i>Angelica sylvestris</i>	Wild Angelica						X		
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	X				X	X	X	
<i>Bellis perennis</i>	Daisy	X				X			
<i>Betula pendula</i>	Silver Birch	X				X	X	X	X
<i>Betula pubescens</i>	Downy Birch	X				X	X		X
<i>Blechnum spicant</i>	Hard Fern					X			
<i>Brachypodium sylvaticum</i>	False Brome				X				
<i>Calluna Vulgaris</i>	Heather or Ling		X	X	X	X			
<i>Cardamine flexuosa</i>	Wavy Bittercress					X	X		
<i>Cardamine pratensis</i>	Cuckoo Flower or Lady's Smock						X		
<i>Carex binervis</i>	Green-ribbed Sedge					X			
<i>Cerastium fontanum</i>	Common Mouse-ear	X							X
<i>Chamerion angustifolium</i>	Rosebay Willowherb or Fireweed	X					X		
<i>Cirsium arvense</i>	Creeping Thistle						X	X	
<i>Cirsium palustre</i>	Marsh Thistle					X			
<i>Cirsium vulgare</i>	Spear Thistle	X				X	X		X
<i>Conopodium majus</i>	Pignut					X	X	X	X
<i>Convallaria majalis</i>	Lily of the Valley								X
<i>Cotoneaster</i>	Cotoneaster	X							
<i>Cytisus scoparius</i>	Broom	X				X	X		
<i>Dactylis glomerata</i>	Cock's-foot Grass	X				X	X		
<i>Deschampsia cespitosa</i>	Tufted Hair-grass	X			X	X	X		
<i>Deschampsia flexuosa</i>	Wavy Hair-grass		X				X		
<i>Digitalis purpurea</i>	Foxglove	X	X			X	X		X
<i>Dryopteris affinis</i>	Scaly Male Fern	X				X			
<i>Dryopteris dilatata</i>	Broad Buckler Fern	X	X			X			
<i>Dryopteris filix-mas</i>	Male Fern	X				X			
<i>Epilobium montanum</i>	Broad-leaved Willowherb								X
<i>Erica cinerea</i>	Bell Heather		X						
<i>Eriophorum vaginatum</i>	Hare's-tail Cotton-grass			X					
<i>Equisetum arvense</i>	Field Horsetail						X		
<i>Equisetum fluviatile</i>	Water Horsetail						X		
<i>Fagus sylvatica</i>	Beech					X			
<i>Festuca ovina</i>	Sheep's Fescue				X				
<i>Festuca rubra</i>	Red Fescue				X		X		
<i>Fraxinus excelsior</i>	Ash or Common Ash					X			
<i>Galium aparine</i>	Goosegrass, Cleavers or Sticky Willie	X				X	X		
<i>Galium saxatile</i>	Heath Bedstraw	X	X		X	X			X
<i>Galium verum</i>	Lady's Bedstraw								X
<i>Hedera helix</i>	Ivy					X			

		School Wood					Milton Wood			
		Survey Date 9 June 2007					Survey Date 24 May 2008			
Scientific names of species	Common names of species	Car Park	Pine Area	Damp Area	Birch Area	Rowan Area	NE car park	River-side	Field	SW car park
<i>Heracleum sphondylium</i>	Hogweed	X						X		
<i>Holcus lanatus</i>	Yorkshire Fog	X	X				X	X	X	
<i>Holcus mollis</i>	Creeping Soft-grass	X	X		X	X				
<i>Hyacinthoids hispanica</i>	Spanish Bluebell	X								
<i>Hypericum perforatum</i>	Perforate St. John's-wort	X								
<i>Hypochaeris radicata</i>	Common Cat's-ear	X	X			X				
<i>Juncus effusus</i>	Soft Rush	X					X			
<i>Juncus sp.</i>	A species of rush not in flower									X
<i>Larix decidua</i>	European Larch						X		X	X
<i>Lathyrus linifolius</i>	Bitter Vetch or Bitter Vetchling						X			X
<i>Lonicera periclymenum</i>	Honeysuckle		X		X					
<i>Lotus corniculatus</i>	Bird's-foot Trefoil						X		X	
<i>Luzula multiflora</i>	Heath Woodrush	X	X			X	X	X	X	X
<i>Luzula pilosa</i>	Hairy Woodrush						X			
<i>Luzula sylvatica</i>	Great Woodrush							X		
<i>Mentha (hybrid)</i>	A hybrid most like Apple (or False Apple) Mint	X								
<i>Myosotis arvensis</i>	Field Forget-me-not	X								
<i>Myosotis discolor</i>	Changing Forget-me-not	X								
<i>Myosotis sylvatica</i>	Wood Forget-me-not	X								
<i>Narcissus (cultivar)</i>	Daffodil								X	
<i>nardus stricta</i>	Mat Grass			X						
<i>Odontites vernus</i>	Red Bartsia	X								
<i>Oxalis acetosella</i>	Wood Sorrel				X	X	X			X
<i>Phalaris arundinacea</i>	Reed Canary-grass							X		
<i>Phegopteris connectilis</i>	Beech Fern						X			
<i>Picea abies</i>	Norway Spruce						X			X
<i>Picea sitchensis</i>	Sitka Spruce						X			X
<i>Pinus sylvestris</i>	Scots Pine	X					X	X	X	X
<i>Plantago lanceolata</i>	Ribwort Plantain	X							X	
<i>Plantago major</i>	Great Plantain	X							X	
<i>Poa annua</i>	Annual Meadowgrass	X								
<i>Poa trivialis</i>	Rough Meadowgrass	X								
<i>Polygala vulgaris</i>	Common Milkwort									X
<i>Potentilla erecta</i>	Tormentil		X		X		X	X	X	X
<i>Prunella vulgaris</i>	Self-heal									X
<i>Prunus avium</i>	Wild Cherry or Gean									X
<i>Pseudotsuga menziesii</i>	Douglas Fir						X			
<i>Pteridium aquilinum</i>	Bracken						X	X		X
<i>Ranunculus acris</i>	Meadow Buttercup								X	X
<i>Ranunculus ficaria</i>	Lesser Celandine							X		
<i>Ranunculus repens</i>	Creeping Buttercup	X					X	X	X	
<i>Rhododendron ponticum</i>	Rhododendron						X			
<i>Rubus fruticosus</i> agg.	Bramble							X		
<i>Rubus idaeus</i>	Raspberry	X			X		X	X		X
<i>Rumex acetosa</i>	Sorrel							X	X	
<i>Rumex acetosella</i>	Sheep's Sorrel	X	X				X	X		X

		School Wood				Milton Wood				
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Scientific names of species	Common names of species	Car Park	Pine Area	Damp Area	Birch Area	Rowan Area	NE car park	River-side	Field	SW car park
<i>Rumex crispus</i>	Curled Dock							X		
<i>Rumex obtusifolius</i>	Broad-leaved Dock or Docken	X					X	X		
<i>Salix caprea</i>	Goat Willow	X					X	X	X	
<i>Sambucus nigra</i>	Elder						X	X		
<i>Senecio aquaticus</i>	Marsh Ragwort							X		
<i>Senecio jacobaea</i>	Common Ragwort	X					X	X	X	X
<i>Silene dioica</i>	Red Campion	X								
<i>Sorbus aucuparia</i>	Rowan or Mountain Ash						X	X		X
<i>Stellaria holostea</i>	Greater Stitchwort							X		
<i>Stellaria media</i>	Chickweed						X			
<i>Succisa pratensis</i>	Devil's-bit Scabious		X						X	X
<i>Symphoricarpos albus</i>	Snowberry	X								
<i>Tanacetum barthenium</i>	Feverfew	X								
<i>Taraxacum</i> agg.	Dandelion					X		X		
<i>Tilia x europaea</i>	Common (or European) Lime						X			
<i>Trientalis europaea</i>	Chickweed Wintergreen		X				X	X		X
<i>Trifolium repens</i>	White Clover	X							X	X
<i>Tsuga heterophylla</i>	Western Hemlock									X
<i>Ulex europaeus</i>	Gorse	X					X	X		X
<i>Urtica dioica</i>	Common (or Stinging) Nettle	X					X	X		X
<i>Vaccinium myrtillus</i>	Bilberry or Blaeberry		X	X	X	X	X			X
<i>Valeriana officinalis</i>	Common Valerian							X		
<i>Verbascum thapsus</i>	Great Mullein	X								
<i>Veronica arvensis</i>	Wall Speedwell	X								
<i>Veronica chamaedrys</i>	Germander Speedwell	X					X	X	X	X
<i>Veronica officinalis</i>	Heath Speedwell		X				X			X
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell						X	X		X
<i>Vicia cracca</i>	Tufted Vetch							X	X	
<i>Viola riviniana</i>	Common Dog Violet				X	X	X	X	X	
<i>Xanthocyparis nootkatensis</i> , var. 'Pendula'	Nootka Cypress, weeping variety (also known as the Afghan Hound Tree)									X
		58	19	6	15	14	63	56	27	43

Abbreviations:

Agg., aggregate of micro-species.

Sp., species; ssp., subspecies.

Appendix 5 – Lichen Survey

School Wood by Brian Coppins, Andy Acton, Anna Griffith, David Genney (January 2009)

0102	<i>Aspicilia caesiocinerea</i>
0176	<i>Baeomyces rufus</i>
0192	<i>Bryoria fuscescens</i> var. <i>fuscescens</i>
0199	<i>Bryoria subcana</i>
0204	<i>Buellia disciformis</i>
0343	<i>Chaenotheca chrysocephala</i>
0349	<i>Chaenotheca trichialis</i>
0360	<i>Cladonia arbuscula</i> subsp. <i>squarrosa</i>
0362	<i>Cladonia bellidiflora</i>
0367	<i>Cladonia carneola</i>
0371	<i>Cladonia chlorophaea</i> s.lat.
0372	<i>Cladonia ciliata</i> var. <i>ciliata</i>
0373	<i>Cladonia ciliata</i> var. <i>tenuis</i>
0375	<i>Cladonia coniocraea</i>
0379	<i>Cladonia crispata</i> var. <i>cetrariiformis</i>
0383	<i>Cladonia digitata</i>
1749	<i>Cladonia diversa</i>
0386	<i>Cladonia floerkeana</i>
0389	<i>Cladonia furcata</i>
0391	<i>Cladonia glauca</i>
0408	<i>Cladonia polydactyla</i> var. <i>polydactyla</i>
0409	<i>Cladonia portentosa</i>
0411	<i>Cladonia rangiferina</i>
2365	<i>Cladonia squamosa</i> var. <i>squamosa</i>
0423	<i>Cladonia sulphurina</i>
0426	<i>Cladonia uncialis</i> subsp. <i>biuncialis</i>
1594	<i>Cladonia uncialis</i> subsp. <i>uncialis</i>
0472	<i>Cornicularia normoerica</i>
0477	<i>Cystocoleus ebeneus</i>
0511	<i>Evernia prunastri</i>
0515	<i>Fuscidea cyathoides</i> var. <i>cyathoides</i>
0521	<i>Fuscidea lightfootii</i>
0555	<i>Haematomma ochroleucum</i> var. <i>porphyrium</i>
0578	<i>Hypocenomyce scalaris</i>
0582	<i>Hypogymnia physodes</i>
0583	<i>Hypogymnia tubulosa</i>
0636	<i>Lecanora carpinea</i>
0639	<i>Lecanora chlarotera</i>
0649	<i>Lecanora expallens</i>
0657	<i>Lecanora intumescens</i>
0757	<i>Lecanora orosthea</i>
0667	<i>Lecanora polytropa</i>
0672	<i>Lecanora pulicaris</i>
0787	<i>Lecidea turgidula</i>
0802	<i>Lecidella scabra</i>
1974	<i>Lepraria incana</i> s. str.
1693	<i>Lepraria jackii</i>

0931	<i>Lichenomphalia umbellifera</i>
0998	<i>Melanelixia fuliginosa</i> subsp. <i>fuliginosa</i>
0997	<i>Melanelixia fuliginosa</i> subsp. <i>glabratula</i>
1020	<i>Melanelixia subaurifera</i>
0874	<i>Micarea botryoides</i>
0719	<i>Micarea erratica</i>
0880	<i>Micarea lignaria</i> var. <i>lignaria</i>
2359	<i>Micarea micrococca</i>
0884	<i>Micarea misella</i>
0739	<i>Miriquidica leucophaea</i>
0909	<i>Mycoblastus sanguinarius</i> f. <i>sanguinarius</i>
0921	<i>Ochrolechia androgyna</i>
1781	<i>Ochrolechia microstictoides</i>
0928	<i>Ochrolechia tartarea</i>
0991	<i>Parmelia discordans</i>
1006	<i>Parmelia omphalodes</i>
1015	<i>Parmelia saxatilis</i>
1022	<i>Parmelia sulcata</i>
1035	<i>Parmeliopsis hyperopta</i>
1070	<i>Pertusaria aspergilla</i>
1066	<i>Pertusaria corallina</i>
1091	<i>Pertusaria pupillaris</i>
0732	<i>Placynthiella icmalea</i>
1145	<i>Platismatia glauca</i>
0562	<i>Porpidia cinereoatra</i>
0572	<i>Porpidia tuberculosa</i>
1193	<i>Pseudevernia furfuracea</i> var. <i>ceratea</i>
1234	<i>Ramalina farinacea</i>
1257	<i>Rhizocarpon geographicum</i>
1266	<i>Rhizocarpon reductum</i>
1333	<i>Sphaerophorus globosus</i>
1363	<i>Stereocaulon vesuvianum</i> var. <i>vesuvianum</i>
0692	<i>Trapeliopsis flexuosa</i>
0727	<i>Trapeliopsis granulosa</i>
1582	<i>Trapeliopsis pseudogranulosa</i>
0327	<i>Tuckermanopsis chlorophylla</i>
1451	<i>Umbilicaria polyphylla</i>
1460	<i>Usnea filipendula</i>
1468	<i>Usnea hirta</i>
1471	<i>Usnea subfloridana</i>
1640	<i>Usnea wasmuthii</i>
2072	<i>Homostegia piggotii</i> #

Milton Wood by Brian Coppins, Andy Acton, Anna Griffith, David Genney (January 2009)

0056	<i>Arthonia didyma</i>
0068	<i>Arthonia punctiformis</i>
0069	<i>Arthonia radiata</i>
1540	<i>Arthopyrenia analepta</i>
1542	<i>Arthopyrenia punctiformis</i>
0176	<i>Baeomyces rufus</i>
0192	<i>Bryoria fuscescens</i> var. <i>fuscescens</i>
0199	<i>Bryoria subcana</i>
0204	<i>Buellia disciformis</i>
0225	<i>Calicium glaucellum</i>
0231	<i>Calicium viride</i>
0252	<i>Caloplaca ferruginea</i>
0338	<i>Cetraria sepincola</i>
0466	<i>Chaenotheca furfuracea</i>
0349	<i>Chaenotheca trichialis</i>
0354	<i>Chrysothrix candelaris</i>
0371	<i>Cladonia chlorophaea</i> s.lat.
0375	<i>Cladonia coniocraea</i>
0384	<i>Cladonia fimbriata</i>
0391	<i>Cladonia glauca</i>
0403	<i>Cladonia ochrochlora</i>
0408	<i>Cladonia polydactyla</i> var. <i>polydactyla</i>
0409	<i>Cladonia portentosa</i>
0429	<i>Cliostomum griffithii</i>
0511	<i>Evernia prunastri</i>
0521	<i>Fuscidea lightfootii</i>
0582	<i>Hypogymnia physodes</i>
0583	<i>Hypogymnia tubulosa</i>
0584	<i>Icmadophila ericetorum</i>
0639	<i>Lecanora chlorotera</i>
0641	<i>Lecanora confusa</i>
0649	<i>Lecanora expallens</i>
0657	<i>Lecanora intumescens</i>
0672	<i>Lecanora pulicaris</i>
0688	<i>Lecanora symmicta</i>
0743	<i>Lecidea lithophila</i>
0797	<i>Lecidella elaeochroma</i> f. <i>elaeochroma</i>
1974	<i>Lepraria incana</i> s. str.
1693	<i>Lepraria jackii</i>
1715	<i>Lepraria rigidula</i>
1695	<i>Lopadium disciforme</i>
0995	<i>Melanohalea exasperata</i>
1020	<i>Melanelixia subaurifera</i>
0893	<i>Micarea sylvicola</i>
0908	<i>Mycoblastus fucatus</i>
0921	<i>Ochrolechia androgyna</i>
1781	<i>Ochrolechia microstictoides</i>

0943	<i>Opegrapha vulgata</i>
1015	<i>Parmelia saxatilis</i>
1022	<i>Parmelia sulcata</i>
1043	<i>Peltigera hymenina</i>
1047	<i>Peltigera membranacea</i>
1058	<i>Pertusaria amara</i> f. <i>amara</i>
1079	<i>Pertusaria leioplaca</i>
1087	<i>Pertusaria pertusa</i>
1091	<i>Pertusaria pupillaris</i>
1110	<i>Phlyctis argena</i>
1113	<i>Physcia aipolia</i>
1145	<i>Platismatia glauca</i>
0562	<i>Porpidia cinereoatra</i>
0568	<i>Porpidia macrocarpa</i> f. <i>macrocarpa</i>
0572	<i>Porpidia tuberculosa</i>
1200	<i>Psilolechia lucida</i>
1234	<i>Ramalina farinacea</i>
1236	<i>Ramalina fraxinea</i>
1287	<i>Rinodina efflorescens</i>
1298	<i>Rinodina sophodes</i>
1333	<i>Sphaerophorus globosus</i>
1563	<i>Stenocybe pullatula</i> ##
1581	<i>Trapelia corticola</i>
1582	<i>Trapeliopsis pseudogranulosa</i>
0327	<i>Tuckermanopsis chlorophylla</i>
1460	<i>Usnea filipendula</i>
1471	<i>Usnea subfloridana</i>
1531	<i>Xanthoria polycarpa</i>
1532	<i>Xylographa parallela</i>
1534	<i>Xylographa vitiligo</i>
1730	<i>Tomasellia diffusa</i> ##
2007	<i>Abrothallus usneae</i> #
2018	<i>Biatoropsis usnearum</i> #

Appendix 6 – Moss Survey

Mosses Identified in School Wood by Dr James Fenton (2004)

Dicranum majus

Dicranum scoparium

Hylocomium splendens

Hypnum cupressiforme

Pseudoscleropodium purum

Ptilium crista-castrensis

Rhytiadiadelphus triquetrus

Sphagnum magellanicum

Sphagnum capillifolium