

SPECIES LIST  
FOR BOTTOM WOOD  
Radnage, Bucks.  
12 October 2009

Species are listed by scientific name, followed by common name, if any. The treatment of groups and families is not consistent, but should enable the interested person to find what they are looking for.

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## PLANTS

### MOSSES

*Atrichum undulatum*  
*Brachythecium rutabulum*  
*Hypnum cupressiforme*

### LICHENS

*Ramalina farinacea*  
*Parmelia subrudecta*

### FERNS

<i>Athyrium filix-femina</i>	Lady fern
<i>Dryopteris carthusiana</i>	Narrow buckler fern
<i>Dryopteris dilatata</i>	Broad buckler fern
<i>Dryopteris filix-mas</i>	Male fern
<i>Dryopteris affinis</i>	Scaly male fern
<i>Pteridium aquilinum</i>	Bracken

### PINE FAMILY

<i>Larix decidua</i>	European larch
<i>Picea abies</i>	Norway spruce
<i>Pinus sylvestris</i>	Scots pine

### DOUGLAS FIR FAMILY

<i>Pseudotsuga menziesii</i>	Douglas fir
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### YEW FAMILY

<i>Taxus baccata</i>	Yew
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### WILLOW FAMILY

<i>Salix capraea</i>	Goat willow
<i>Populus x</i>	Hybrid poplar

### BIRCH FAMILY

<i>Betula pendula</i>	Silver birch
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### HAZEL FAMILY

<i>Carpinus betulus</i>	Hornbeam
<i>Corylus avellana</i>	Hazel

### BEECH FAMILY

<i>Fagus sylvatica</i>	Beech
<i>Quercus robur</i>	Pedunculate oak
<i>Quercus rubra</i>	Red oak

### ELM FAMILY

<i>Ulmus glabra</i>	Wych elm
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### MAPLE FAMILY

<i>Acer pseudoplatanus</i>	Sycamore
<i>Acer campestre</i>	Field maple

### HORSE CHESTNUT FAMILY

<i>Aesculus hippocastanum</i>	Horse chestnut
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HOLLY FAMILY <i>Ilex aquifolium</i>	Holly
LIME FAMILY <i>Tilia cordata</i>	Small-leaved lime
OLIVE FAMILY <i>Fraxinus excelsior</i> <i>Ligustrum vulgare</i>	Ash Wild privet
NETTLE FAMILY <i>Urtica dioica</i>	Nettle
DOCK FAMILY <i>Rumex acetosa</i> <i>Rumex sanguineus</i>	Common sorrel Wood dock
GOOSEFOOT FAMILY <i>Atriplex patula</i>	Common orache
PINKS FAMILY <i>Moehringia trinervia</i> <i>Stellaria holostea</i> <i>Stellaria media</i> <i>Cerastium fontanum</i> <i>Silene vulgaris</i>	Three-veined sandwort Greater stitchwort Common chickweed Common mouse-ear Bladder campion
BUTTERCUP FAMILY <i>Ranunculus acris</i> <i>Ranunculus auricomus</i> <i>Ranunculus ficaria</i> <i>Ranunculus repens</i> <i>Clematis vitalba</i> <i>Anemone nemorosa</i>	Meadow buttercup Goldilocks buttercup Lesser celandine Creeping buttercup Traveller's joy Wood anemone
FUMITORY FAMILY <i>Fumaria officinalis</i>	Common fumitory
POPPY FAMILY <i>Papaver rhoeas</i>	Common poppy
CABBAGE FAMILY <i>Barbarea vulgaris</i> <i>Sinapis arvensis</i> <i>Cardamine bulbifera</i> <i>Alliaria petiolata</i>	Common wintercress Charlock Coralroot bittercress Garlic mustard
MIGNONETTE FAMILY <i>Reseda lutea</i>	Wild mignonette
ROSE FAMILY <i>Agrimonia eupatoria</i> <i>Sanguisorba minor</i> <i>Rosa arvensis</i> <i>Rosa canina</i>	Agrimony Salad burnet Field rose Dog rose

<i>Rubus caesius</i>	Dewberry
<i>Rubus fruticosus agg.</i>	Bramble
<i>Rubus idaeus</i>	Raspberry
<i>Fragaria vesca</i>	Wild strawberry
<i>Potentilla reptans</i>	Creeping cinquefoil
<i>Geum urbanum</i>	Herb bennet
<i>Malus sylvestris</i>	Crab apple
<i>Sorbus aria</i>	Whitebeam
<i>Sorbus intermedia</i>	Swedish whitebeam
<i>Sorbus aucuparia</i>	Rowan
<i>Crataegus monogyna</i>	Hawthorn
<i>Prunus avium</i>	Wild cherry
<i>Prunus spinosa</i>	Blackthorn

#### PEA FAMILY

<i>Vicia sativa</i>	Common vetch
<i>Vicia sepium</i>	Bush vetch
<i>Lathyrus pratensis</i>	Meadow vetchling
<i>Anthyllis vulneraria</i>	Kidney vetch
<i>Medicago lupulina</i>	Black medick
<i>Trifolium pratense</i>	Red clover

#### WOOD SORREL FAMILY

<i>Oxalis acetosella</i>	Wood sorrel
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#### FLAX FAMILY

<i>Linum catharticum</i>	Purging flax
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#### GERANIUM FAMILY

<i>Geranium robertianum</i>	Herb Robert
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#### SPURGE FAMILY

<i>Euphorbia amygdaloides</i>	Wood spurge
<i>Mercurialis perennis</i>	Dog's mercury

#### MILKWORT FAMILY

<i>Polygala vulgaris</i>	Common milkwort
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#### CURRANT FAMILY

<i>Ribes nigrum</i>	Blackcurrant
<i>Ribes rubrum</i>	Red currant
<i>Ribes uva-crispa</i>	Gooseberry

#### SPINDLE FAMILY

<i>Euonymus europaeus</i>	Spindle tree
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#### MALLOW FAMILY

<i>Malva moschata</i>	Musk mallow
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#### ST JOHN'S WORT FAMILY

<i>Hypericum hirsutum</i>	Hairy St John's-wort
<i>Hypericum perforatum</i>	Perforate St John's-wort

VIOLET FAMILY

*Viola hirta*

*Viola reichenbachiana*

Hairy violet

Early dog-violet

GOURD FAMILY

*Bryonia cretica*

White bryony (13.06.2007 JS)

WILLOWHERB FAMILY

*Circaea lutetiana*

*Epilobium adenocaulon*

*Epilobium angustifolium*

*Epilobium hirsutum*

*Epilobium montanum*

*Epilobium parviflorum*

*Epilobium tetragonum*

Enchanter's nightshade

American willowherb

Rosebay willowherb

Great willowherb

Broad-leaved willowherb

Hoary willowherb

Square-stemmed willowherb

DOGWOOD FAMILY

*Cornus sanguinea*

Dogwood

IVY FAMILY

*Hedera helix*

Ivy

CARROT FAMILY

*Torilis japonica*

*Daucus carota*

*Pimpinella saxifraga*

*Heracleum sphondylium*

Upright hedge parsley

Wild carrot

Burnet saxifrage

Hogweed

BIRD'S-NEST FAMILY

*Monotropa hypopitys*

Yellow bird's-nest

PRIMROSE FAMILY

*Primula veris*

*Primula vulgaris*

*Lysimachia nemorum*

*Lysimachia nummularia*

*Anagallis arvensis*

Cowslip

Primrose

Yellow pimpernel

Creeping jenny

Scarlet pimpernel

GENTIAN FAMILY

*Centaurium erythraea*

*Blackstonia perfoliata*

Common centaury

Yellow-wort

BEDSTRAW FAMILY

*Galium aparine*

*Galium mollugo*

*Galium odorata*

Common cleavers

Hedge bedstraw

Woodruff

BORAGE FAMILY

*Myosotis arvensis*

*Myosotis sylvatica*

Field forget-me-not

Wood forget-me-not

LABIATE FAMILY

*Ajuga reptans*

*Prunella vulgaris*

*Glechoma hederacea*

Bugle

Self-heal

Ground ivy

<i>Galeopsis tetrahit</i>	Common hempnettle
<i>Lamium galeobdolon</i>	Yellow archangel
<i>Stachys sylvatica</i>	Hedge woundwort
<i>Mentha arvensis</i>	Corn mint
<i>Clinopodium vulgare</i>	Wild basil
<i>Origanum vulgare</i>	Marjoram

#### NIGHTSHADE FAMILY

<i>Solanum dulcamara</i>	Bittersweet
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#### FIGWORT FAMILY

<i>Scrophularia auriculata</i>	Water figwort
<i>Scrophularia nodosa</i>	Common figwort
<i>Digitalis purpurea</i>	Foxglove
<i>Odontites verna</i>	Red bartsia

#### SPEEDWELL FAMILY

<i>Veronica chamaedrys</i>	Germander speedwell
<i>Veronica montana</i>	Wood speedwell
<i>Veronica serpyllifolia</i>	Thyme-leaved speedwell

#### PLANTAIN FAMILY

<i>Plantago lanceolata</i>	Ribwort plantain
<i>Plantago media</i>	Hoary plantain
<i>Plantago major</i>	Greater plantain

#### HONEYSUCKLE FAMILY

<i>Sambucus nigra</i>	Elder
<i>S. nigra</i> var. <i>laciniata</i>	Elder (cut-leaved form)
<i>Viburnum lantana</i>	Wayfaring tree
<i>Viburnum opulus</i>	Guelder rose
<i>Lonicera periclymenum</i>	Honeysuckle

#### TEASEL FAMILY

<i>Knautia arvensis</i>	Field scabious
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#### BELLFLOWER FAMILY

<i>Campanula trachelium</i>	Nettle-leaved bellflower
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#### DAISY FAMILY

<i>Bellis perennis</i>	Daisy
<i>Achillea millefolium</i>	Yarrow
<i>Leucanthemum vulgare</i>	Ox-eye daisy
<i>Senecio erucifolius</i>	Hoary ragwort
<i>Senecio jacobaea</i>	Ragwort
<i>Arctium minus</i>	Lesser burdock
<i>Cirsium arvense</i>	Creeping thistle
<i>Cirsium palustre</i>	Marsh thistle
<i>Cirsium vulgare</i>	Spear thistle
<i>Centaurea nigra</i>	Black knapweed
<i>Centaurea scabiosa</i>	Greater knapweed
<i>Sonchus asper</i>	Prickly sow-thistle
<i>Lactuca serriola</i>	Prickly lettuce
<i>Lapsana communis</i>	Nipplewort
<i>Hypochaeris radicata</i>	Common cat's-ear

*Leontodon hispidus* Rough hawkbit  
*Crepis capillaris* Smooth hawksbeard  
*Picris hieracioides* Hawkweed ox-tongue

#### LILY FAMILY

*Hyacinthoides nonscriptus* Bluebell  
*Galanthus nivalis* Snowdrop

#### RUSH FAMILY

*Luzula pilosa* Hairy woodrush

#### ARUM FAMILY

*Arum maculatum* Lords-and-ladies

#### ORCHID FAMILY

*Ophrys apifera* Bee orchid  
*Dactylorhiza fuchsii* Common spotted orchid  
*Dactylorhiza praetermissa* Southern marsh orchid  
*Epipactis helleborine* Broad-leaved helleborine  
*Epipactis leptochila* Narrow-lipped helleborine  
*Epipactis phyllanthes* Green-flowered helleborine  
*Epipactis purpurata* Violet helleborine  
*Anacamptis pyramidalis* Pyramidal orchid  
*Cephalanthera damasonium* White helleborine  
*Listera cordata* Lesser Twayblade

#### YAM FAMILY

*Tamus communis* Black bryony

#### GRASS FAMILY

*Agropyron caninum* Bearded couch-grass  
*Agrostis stolonifera* Creeping bent  
*Arrhenatherum elatius* False oat grass  
*Avenula pratensis* Meadow oat grass  
*Brachypodium sylvaticum* False brome  
*Briza media* Quaking grass  
*Bromus mollis* Lop-grass  
*Bromus ramosus* Hairy brome  
*Cynosurus cristatus* Crested dog's-tail grass  
*Dactylis glomerata* Cock's-foot  
*Deschampsia caespitosa* Tufted hair-grass  
*Elymus caninus* Bearded couch  
*Festuca gigantea* Giant fescue  
*Festuca pratensis* Meadow fescue  
*Helicotrichon pubescens* Hairy oat grass  
*Holcus lanatus* Yorkshire fog  
*Holcus mollis* Creeping soft grass  
*Hordelymus europaeus* Wood barley  
*Lolium perenne* Perennial rye-grass  
*Melica uniflora* Wood melick  
*Milium effusum* Wood millet  
*Phleum pratense* Timothy  
*Poa annua* Annual meadow-grass  
*Poa nemoralis* Wood meadow-grass  
*Poa pratensis* Smooth meadow-grass  
*Poa trivialis* Rough meadow-grass  
*Trisetum flavescens* Yellow oat-grass

## SEDGE FAMILY

<i>Carex divulsa</i>	Grey sedge
<i>Carex flacca</i>	Glaucous sedge
<i>Carex remota</i>	Remote sedge
<i>Carex sylvatica</i>	Wood sedge

## FUNGI

<i>Morella esculenta</i>	Morel (PW)
<i>Chlorosplenium aeruginascens</i>	Green wood-cup (JT)
<i>Hypoxylon fragiforme</i>	(on hazel branch)
<i>Stereum hirsutum</i>	(on branch)
<i>Coriolus versicolor</i>	Many-zoned polypore
<i>Clitocybe nebularis</i>	
<i>Armillaria mellea</i>	Honey fungus (JT)
<i>Laccaria laccata</i>	Deceiver
<i>Laccaria amethystina</i>	Amethyst Deceiver
<i>Lycoperdon perlatum</i>	Puff Ball
<i>Langermannia gigantea</i>	Giant puff ball (JT)
<i>Geastrum rufescens</i>	Earth star (Oct 07 JS)
<i>Collybia butyracea</i>	Greasy Club Foot
<i>Collybia dryophila</i>	Oak tough shank
<i>Tricholoma ?portentosum</i>	
<i>Psathyrella ?microrhiza</i>	
<i>Phallus impudicus</i>	Stinkhorn
<i>Mutinus caninus</i>	Dog stinkhorn
<i>Boletus edulis</i>	'Penny bun', Cep
<i>Oudemansiella mucida</i>	Slimy beech cap
<i>Hypholoma fasciculare</i>	Sulphur tuft
<i>Xylospira hypoxylon</i>	Candle snuff
<i>Stropharia aeruginosa</i>	Verdigris agaric
<i>Coprinus picaceus</i>	Magpie ink cap
<i>Coprinus plicatilis</i>	Little Japanese umbrella cap
<i>Coprinus micaceus</i>	Glistening ink cap
<i>Polyporus sulphureus</i>	Chicken of the woods, Sulphur polypore
<i>Pleurotus ostreatus</i>	Oyster fungus
<i>Pluteus cervinus</i>	
<i>Helvella crispa</i>	White Elfin Saddle (Oct 06 JS)

## Lepidoptera

## BUTTERFLIES

### HESPERIIDAE

<i>Thymelicus sylvestris</i>	Small skipper
<i>Thymelicus lineola</i>	Essex skipper
<i>Ochlodes venata</i>	Large skipper
<i>Pyrgus malvae</i>	Grizzled skipper

### PIERIDAE

<i>Gonepteryx rhamni</i>	Brimstone
<i>Pieris brassicae</i>	Large white
<i>Pieris rapae</i>	Small white
<i>Pieris napi</i>	Green-veined white
<i>Anthocaris cardamines</i>	Orange-tip

### LYCAENIDAE

<i>Callophrys rubi</i>	Green hairstreak
<i>Strymonidia w-album</i>	White-letter hairstreak
<i>Quercusia quercus</i>	Purple hairstreak (5/00)
<i>Lycaena phlaeas</i>	Small copper
<i>Cupido minimus</i>	Small blue
<i>Polyommatus icarus</i>	Common blue
<i>Celastrina argiolus</i>	Holly blue

### RIODINIDAE

<i>Hamearis lucina</i>	Duke of Burgundy (single sighting reported)
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### NYMPHALIDAE

<i>Vanessa atalanta</i>	Red admiral
<i>Ladoga Camilla</i>	White admiral (2006)
<i>Cynthia cardui</i>	Painted lady
<i>Aglais urticae</i>	Small tortoiseshell
<i>Inachis io</i>	Peacock
<i>Polygonia c-album</i>	Comma
<i>Pararge aegeria</i>	Speckled wood
<i>Melanargia galathea</i>	Marbled white
<i>Pyronia tithonus</i>	Gatekeeper
<i>Maniola jurtina</i>	Meadow brown
<i>Aphantopus hyperantus</i>	Ringlet

## LARGER MOTHS

### HEPIALIDAE

<i>Hepialus humuli</i>	Ghost moth
<i>Hepialus hecta</i>	Gold swift
<i>Hepialus lupulinus</i>	Common swift
<i>Hepialus fusconebulosa</i>	Map-winged swift

### ZYGAENIDAE

<i>Zygaena filipendulae</i>	Six-spot burnet
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### LASIOCAMPIDAE

<i>Poecilocampa populi</i>	December moth
<i>Euthrix(Philudoria) potatoria</i>	Drinker moth

### DREPANIDAE

<i>Drepana cultraria</i>	Barred hook-tip
<i>Drepana falcatoria</i>	Pebble hook-tip

### THYATIRIDAE

<i>Thyatira batis</i>	Peach blossom
<i>Habrosyne (Thyatira) pyritoides</i>	Buff arches
<i>Achlya flavicornis</i>	Yellow horned

### GEOMETRIDAE

<i>Alsophila aesculari</i>	March moth
<i>Geometra papilionaria</i>	Large emerald
<i>Hemithea aestivaria</i>	Common emerald
<i>Cyclophora linearia</i>	Clay triple-lines
<i>Timandra griseata</i>	Blood-vein
<i>Idaea biselata</i>	Small fan-footed wave
<i>Idaea seriata</i>	Small dusty wave
<i>Idaea dimidiata</i>	Single-dotted wave
<i>Idaea trigeminata</i>	Treble brown spot. Local
<i>Idaea aversata</i>	Riband wave
<i>Xanthorhoe spadicearia</i>	Red twin-spot carpet
<i>Xanthorhoe quadrifasiata</i>	Large twin-spot carpet
<i>Xanthorhoe montanata</i>	Silver-ground carpet
<i>Xanthorhoe fluctuata</i>	Garden carpet
<i>Scotopteryx chenopodiata</i>	Shaded broad-bar
<i>Epirrhoe alternata</i>	Common carpet
<i>Camptogramma bilineata</i>	Yellowshell
<i>Anticlea badiata</i>	Shoulder-stripe
<i>Anticlea derivata</i>	Streamer
<i>Mesoleuca albicillata</i>	Beautiful carpet
<i>Pelurga comitata</i>	Dark spinach
<i>Lampropteryx suffumata</i>	Water carpet
<i>Cosmorhoe ocellata</i>	Purple bar
<i>Eulithis prunata</i>	Phoenix
<i>Ecliptopera siliceata</i>	Small phoenix
<i>Chloroclysta siterata</i>	Red-green carpet
<i>Chloroclysta truncata</i>	Common marbled carpet
<i>Cidaria fulvata</i>	Barred yellow
<i>Thera firmata</i>	Pine carpet

<i>Thera obeliscata</i>	Grey pine carpet
<i>Electrophaes corylata</i>	Broken-barred carpet
<i>Colostygia multistrigata</i>	Mottled grey
<i>Colostygia pectinataria</i>	Green carpet
<i>Hydriomena furcata</i>	July highflyer
<i>Horisme tersata</i>	Fern
<i>Melanthia procellata</i>	Pretty chalk carpet
<i>Philereme vetulata</i>	Brown scallop
<i>Philereme transversata</i>	Dark umber
<i>Epirrita sp.</i>	November moth agg.
<i>Operophtera brumata</i>	Winter moth
<i>Perizoma alchemillata</i>	Small rivulet
<i>Perizoma bifaciata</i>	Barred rivulet
<i>Eupithecia tenuiata</i>	Slender pug
<i>Eupithecia inturbata</i>	Maple pug
<i>Eupithecia pulchellata</i>	Foxglove pug
<i>Eupithecia exiguata</i>	Mottled pug
<i>Eupithecia absinthiata</i>	Wormwood pug
<i>Eupithecia vulgata</i>	Common pug
<i>Eupithecia tripunctaria</i>	White-spotted pug
<i>Eupithecia subfuscata</i>	Grey pug
<i>Eupithecia succenturiata</i>	Bordered pug
<i>Eupithecia abbreviata</i>	Brindled pug
<i>Eupithecia dodoneata</i>	Oak-tree pug
<i>Eupithecia lariciata</i>	Larch pug
<i>Eupithecia pusillata</i>	Juniper pug
<i>Chloroclystis v-ata</i>	The V-pug
<i>Chloroclystis rectangulata</i>	Green pug
<i>Gymnoscelis rufifasciata</i>	Double-striped pug
<i>Aplocera sp.</i>	Treble-bar agg.
<i>Asthena albulata</i>	Small white wave
<i>Hydrelia flammeolaria</i>	Small yellow wave
<i>Trichopteryx carpinata</i>	Early tooth-striped
<i>Abraxas grossulariata</i>	The magpie
<i>Lomaspilis marginata</i>	Clouded border
<i>Semiothisa liturata</i>	Tawny-barred angle
<i>Petrophora chlorosata</i>	Brown silver line
<i>Opisthograptis luteolata</i>	Brimstone moth
<i>Apeira syringaria</i>	Lilac beauty
<i>Ennomos quercinaria</i>	August thorn
<i>Selenia dentaria</i>	Early thorn
<i>Selenia tetralunaria</i>	Purple thorn
<i>Odontopera bidentata</i>	Scalloped hazel
<i>Crocallis elinguaris</i>	Scalloped oak
<i>Ourapteryx sambucaria</i>	Swallow-tailed moth
<i>Colotois pennaria</i>	Feathered thorn
<i>Apocheima pilosaria</i>	Pale brindled beauty
<i>Biston strataria</i>	Oak beauty
<i>Biston betularia</i>	Peppered moth
<i>Agriopis aurantiaria</i>	Scarce umber
<i>Agriopis marginaria</i>	Dotted border
<i>Erannis defoliaria</i>	Mottled umber
<i>Menophra abruptaria</i>	Waved umber
<i>Peribatodes rhomboidaria</i>	Willow beauty
<i>Alcis repandata</i>	Mottled beauty

<i>Serraca punctinalis</i>	Pale oak beauty
<i>Ectropis bistortata</i>	Engrailed
<i>Ectropis crepuscularia</i>	Small engrailed
<i>Paradarisa consonaria</i>	Square-spot
<i>Paradarisa extersaria</i>	Brindled white-spot
<i>Cabera pusaria</i>	Common white wave
<i>Cabera exanthemata</i>	Common wave
<i>Lomographa bimaculata</i>	White-pinion spotted
<i>Lomographa temerata</i>	Clouded silver
<i>Theria primaria</i>	Early moth
<i>Campaea margaritata</i>	Light emerald
<b>SPHINGIDAE</b>	
<i>Laothoe populi</i>	Poplar hawk-moth
<i>Deilephila elpenor</i>	Elephant hawk-moth
<b>NOTODONTIDAE</b>	
<i>Phalera bucephala</i>	Buff tip
<i>Stauropus fagi</i>	Lobster moth
<i>Eligmodonta ziczac</i>	Pebble prominent
<i>Pheosia gnoma</i>	Lesser swallow prominent
<i>Pheosia tremula</i>	Swallow prominent
<i>Ptilodon capucina</i>	Coxcomb prominent
<i>Ptilodontella cucullina</i>	Maple prominent
<i>Pterostoma palpina</i>	Pale prominent
<i>Drymonia dodonaea</i>	Marbled brown
<b>LYMANTRIIDAE</b>	
<i>Lymantria monacha</i>	Black arches (28.07.07 J & SES)
<i>Orygia antiqua</i>	Vapourer
<i>Calliteara (Dasychira) pudibunda</i>	Pale tussock
<i>Euproctis similis</i>	Yellow-tail
<b>ARCTIIDAE</b>	
<i>Eilema griseola</i>	Dingy footman
<i>Eilema complana</i>	Scarce footman
<i>Eilema lurideola</i>	Common footman
<i>Tyria jacobaeae</i>	Cinnabar moth (moth 13.06.2007 JS). Caterpillars seen in earlier years.
<i>Spilosoma lubricipeda</i>	White ermine
<i>Spilosoma luteum</i>	Buff ermine
<i>Phragmatobia fuliginosa</i>	Ruby tiger
<b>NOLIDAE</b>	
<i>Nola cucullatella</i>	Short-cloaked moth
<i>Nola confusalis</i>	Least black arches. Local
<b>NOCTUIDAE</b>	
<i>Agrotis exclamationis</i>	Heart and dart
<i>Axylia putris</i>	Flame
<i>Ochropleura plecta</i>	Flame shoulder
<i>Noctua pronuba</i>	Large yellow underwing
<i>Noctua comes</i>	Lesser yellow underwing
<i>Noctua janthe</i>	Lesser broad-bordered yellow underwing

<i>Graphiphora augur</i>	Double dart
<i>Diarsia mendica</i>	Ingrailed clay
<i>Diarsia brunnea</i>	Purple clay
<i>Xestia c-nigrum</i>	Setaceous hebrew character
<i>Xestia triangulum</i>	Double square-spot
<i>Xestia baja</i>	Dotted clay
<i>Xestia sexstrigata</i>	Six-striped rustic
<i>Xestia xanthographa</i>	Square-spot rustic
<i>Anaplectoides prasina</i>	Green arches
<i>Cerastis rubricosa</i>	Red chestnut
<i>Cerastis leucographa</i>	White-marked
<i>Discestra trifolii</i>	Nutmeg
<i>Hada nana</i>	Shears
<i>Melanchra persicariae</i>	Dot moth
<i>Lacanobia w-latinum</i>	Light brocade
<i>Lacanobia thalassina</i>	Common pale-shouldered brocade
<i>Lacanobia oleracea</i>	Bright-line brown-eye
<i>Tholera decimalis</i>	Feathered gothic
<i>Panolis flammea</i>	Pine beauty
<i>Orthosia cruda</i>	Small quaker
<i>Orthosia stabilis</i>	Common quaker
<i>Orthosia incerta</i>	Clouded drab
<i>Orthosia munda</i>	Twin-spotted quaker
<i>Orthosia gothica</i>	Hebrew character
<i>Mythimna conigera</i>	Brown-line bright-eye
<i>Mythimna ferrago</i>	The clay
<i>Mythimna impura</i>	Smoky wainscot
<i>Mythimna pallens</i>	Common wainscot
<i>Mythimna comma</i>	Shoulder-striped wainscot
<i>Lithophane hepatica</i>	Pale pinion
<i>Xylocampa areola</i>	Early grey
<i>Allophyes oxycanthae</i>	Green-brindled crescent
<i>Eupsilia transversa</i>	The satellite
<i>Conistra vaccinii</i>	The chestnut
<i>Acronicta aceris</i>	The sycamore
<i>Acronicta psi/tridens</i>	Grey/dark dagger
<i>Thalpophila matura</i>	Common straw underwing
<i>Euplexia lucipa</i>	Small angle shades
<i>Phlogophora meticulosa</i>	Angle shades
<i>Ipimorpha subtusa</i>	Olive
<i>Cosmia trapezina</i>	Dun-bar
<i>Cosmia pyralina</i>	Lunar-spotted pinion
<i>Apamea monoglypha</i>	Dark arches
<i>Apamea lithoxylaea</i>	Light arches
<i>Apamea epomidion</i>	Clouded brindle
<i>Apamea remissa</i>	Dusky brocade
<i>Apamea anceps</i>	Large nutmeg
<i>Apamea scolopacina</i>	Slender brindle
<i>Oligia strigilis</i>	Marbled minor
<i>Caradrina morpheus</i>	Mottled rustic
<i>Oligia fasciunclua</i>	Middle-barred minor
<i>Mesapamea secalis/secalella</i>	Common rustic/Remm's rustic
<i>Photedes minima</i>	Small dotted buff
<i>Charanyca trigrammica</i>	Treble lines
<i>Hoplodrina blanda</i>	The rustic

<i>Codia pygarga</i>	Marbled white spot
<i>Psuedoips fagana</i>	Green silver-lines
<i>Nycteola revayana</i>	Oak nycteoline
<i>Colocasia coryli</i>	Nut-tree tussock
<i>Diachrysia chrysitis</i>	Burnished brass
<i>Autographa gamma</i>	Silver Y
<i>Autographa pulchra</i>	Beautiful golden Y
<i>Autographa jota</i>	Plain golden Y
<i>Abrostola triplasia</i>	The spectacle
<i>Callistege mi</i>	Mother Shipton
<i>Euclidia glyphica</i>	Burnet companion
<i>Scoliopteryx libatrix</i>	Common herald
<i>Phytometra viridaria</i>	Small purple-barred. Local
<i>Rivula sericealis</i>	Straw dot
<i>Hypena proboscidalis</i>	Snout
<i>Herminia nemoralis</i>	Small fan-foot
<i>Amphipyra pyramidea</i>	Copper underwing (2009)
<i>Amphipyra berbera</i>	Svensson's copper underwing (2009)

### MICRO-MOTHS

#### MICROPTERIGIDAE

*Micropterix calthella* Day-flying.

#### ERIOCRANIIDAE

*Eriocrania subpurpurella*

#### NEPTICULIDAE

*Stigmella splendidissimella* Empty larval mines in bramble leaves, '92

*Stigmella trimaculella*

*Stigmella hemargyrella* Empty mine in beech leaf, 1992.

#### INCURVARIIDAE

*Incurvaria masculella* a longhorn moth

*Nematopogon schwarziellus*

*Nemophora degeerella* 1992 (JS)

*Adela rufimitrella* Day-flying.

#### TISCHERIIDAE

*Tischeria marginea* Empty larval mines in bramble leaves, '92

#### GRACILLARIIDAE

*Caloptilia stigmatella*

*Phyllonorycter oxyacanthae* Larval mines in hawthorn leaves, 1992, reared to adult.

*Phyllonorycter maestingella* Larval mines in beech leaves, 1992 and 1993, reared to adult

*Phyllonorycter nicellii* Larval mines in hazel leaves, 1992.

*Phyllonorycter acerifoliella* Larval mines in maple, 1997 (MR Brittin)

#### CHOREUTIDAE

*Anthophila fabriciana* Common from May on nettle leaves.

#### YPONOMEUTIDAE

*Argyresthia pruniella* Cherry fruit moth

*Argyresthia bonettella*

*Ypsolopha scabrella* a small ermine moth

*Ypsolopha parenthesella* a small ermine moth

## ELACHISTIDAE

*Elachista rufocinerea*

a micro-moth

## OECOPHORIDAE

*Batia unitella*

*Endrosis sarcitrella*

White-shouldered house moth

*Esperia sulphurella*

Has caterpillars which feed in dead wood

*Carcina quercana*

*Diurnea fagella*

Seen on tree trunks in spring, female has no functional wings.

*Semioscopis steinkellneriana*

*Agonopterix liturosa*

## BLASTOBASIDAE

*Blastobasis lignea*

a micro-moth

## COCHYLIDAE

*Cochylis flaviciliana*

Very local species occurring only in S England, from Essex & Kent to Oxon and IoW, also a record from Pembs. Larvae feed on scabious.

*Agapeta hamana*

Commonly seen flying at dusk.

*Aethes rubigana*

a micro-moth

*Eupoecilia angustana*

*Cochylis flaviciliana*

a micro-moth

*Cochylis hybridella*

a micro-moth

## TORTRICIDAE

*Pandemis corylana*

Chequered fruit-tree tortrix

*Pandemis cerasana*

Barred fruit-tree tortrix

*Pandemis cinnamomeana*

*Pandemis heparana*

Dark fruit-tree tortrix

*Archips podana*

Large fruit-tree tortrix

*Syndemis musculana ssp. musculana*

*Ptycholomoides aeriferanus*

*Lozotaenia forsterana*

*Ditula angustiorana*

Red barred tortrix

*Pseudargyrotoza conwagana*

*Cnephasia stephensiana*

Grey tortrix

*Cnephasia incertana*

Light grey tortrix

*Tortricodes alternella*

*Tortrix viridana*

Green oak tortrix

*Acleris sparsana*

including form *favillaceana*

*Acleris rhombana*

Rhomboid tortrix

*Acleris notana*

*Hedya nubiferana*

Marbled Orchard Tortrix. Caterpillar on hawthorn, reared to adult; adults also seen.

*Apotomis capreana*

*Ancylis achatana*

*Ancylis mitterbacheriana*

*Epinotia demarniana*

Local and rather scarce in southern England.

*Epiblema cynosbatella*

Caterpillar in dog rose shoots, 1993, reared to adult.

*Epiblema uddmanniana*

Bramble shoot moth

*Epiblema trimaculana*

*Epiblema rosaecolana*

*Epiblema roborana*

Caterpillar in dog rose shoots, 1993, reared to adult.

*Eucosma campoliliana* Said to be a coastal species, but seems well-established in Bucks.

*Eucosma cana*

*Spilonota ocellana*

Bud moth

*Cydia jungiella*

Common in grassy areas, seen flying in daytime.

*Cydia fagiglandana*

*Cydia pomonella*

Codling moth

*Dichrorampha acuminatana*

#### PYRALIDAE

*Chrysoteuchia culmella*

a grass moth. Common on Toothill.

*Crambus lathoniellus*

a grass moth. Common on Toothill.

*Crambus perlella*

a grass moth. Common on Toothill.

*Agriphila straminella*

a grass moth. Fairly common.

*Agriphila tristella*

*Acentria ephemerella*

Water veneer (Larvae and wingless females usually aquatic; although there are no streams or ponds in Bottom Wood 16 winged males and 1 winged female (an uncommon form) made their way to MV light.)

*Scoparia pyralella*

*Scoparia ambigualis*

*Dipleurina lacustrata*

*Eudonia truncicolella*

*Eudonia mercurella*

*Pyrausta aurata*

Common day-flying moth, purple with yellow markings.

*Eurrhpara hortulata*

Small magpie

*Udea fulvalis*

*Udea prunalis*

*Udea olivalis*

*Pleuroptya ruralis*

Mother of pearl. (A fairly large, pearly-white moth commonly seen around nettle patches)

*Hypsopygia costalis*

Gold triangle

*Eurhodope advenella*

*Eurhodope marmorea*

*Phycita roborella*

*Myelois cribrella*

Thistle ermine

*Phycitodes binaevella*

a plume moth

#### TEROPHORIDAE

*Platyptilia pallidactyla*

### INSECTS (non-Lepidoptera)

#### ODONATA

#### DAMSELFLIES & DRAGONFLIES (39 UK SPP.)

The larvae of dragonflies are aquatic, and thus they are not breeding on the reserve. However, dragonflies are predators of other insects, and many will travel fairly long distances to find good hunting grounds.

*Aeshna cyanea*

Southern hawk. Very common.

*Anax imperator*

Emperor dragonfly. Fairly common in southern England.

*Libellula depressa*

Broad-bodied chaser. Fairly common.

*Sympetrum striolatum*

Common sympetrum. Common.

**ORTHOPTERA***Pholidoptera griseoptera**Meconema thalassinum**Tetrix undulata**Omocestus viridulus***DERMAPTERA***Forficula auricularia***HEMIPTERA***Acanthosoma haemorrhoidale**Palomena prasina***NEUROPTERA***Micromus paganus**Hemerobius mican**Chrysopidia ciliata***MECOPTERA***Panorpa communis***DIPTERA***Bombylius major**Bibio marci**Lucilia caesar**Bactromyia aurulenta**Volucella bombylans**Volucella pellucens**Haematopota pluvialis**Phytomyza ilicis**Craneiobia corni**Eristalis pertinax**Melanostoma scalare***HYMENOPTERA***Uroceras gigas**Rhyssa persuasoria**Amblyteles armatorius**Cynips divisa**Biorhiza pallida**Neuroterus albipes**Neuroterus quercus-baccarum**Tiphia femorata**Vespa crabro**Vespula germanica**Bombus lapidarius**Bombus pascuorum**Bombus terrestris**Andrena haemorrhoea***COLEOPTERA***Aphodius obliterated**Carabus violaceus***CRICKETS AND GRASSHOPPERS (30 UK spp.)**

Dark bush-cricket. Common, sings incessantly around Toothill.

Oak bush-cricket. Commonly seen on tree-trunks in autumn.

Common ground-hopper. Common and widespread.

Common green grasshopper

**EARWIGS (7 UK spp.)**

Common earwig. Common and widespread.

**TRUE BUGS (c. 1,700 UK spp.)**

Hawthorn shieldbug. Common.

Shieldbug

**LACEWINGS & ALLIES (60 UK SPP.)**

a brown lacewing

a brown lacewing

a green lacewing

**SCORPIONFLIES (4 UK spp.)**

Common.

**FLIES (c. 6,200 UK spp.)**

Bee fly. Common, seen in spring.

St Mark's fly

Greenbottle

Tachinid fly (RDB3)

a 'bumble-bee' hoverfly

a 'bumble-bee' hoverfly

Cleg. Common (sometimes annoyingly so; can give a painful bite).

Holly fly. Leaf mines abundant on holly leaves.

Gall-midge forming 'bottle gall' on dogwood.

a hoverfly Common.

a hoverfly Common.

**BEEES, ANTS AND WASPS (c. 6,500 UK spp.)**

Giant wood-wasp

Ichneumon wasp

Ichneumon wasp

Gall-wasp forming red-pea gall on oak leaves.

Gall-wasp forming oak apple gall.

Gall-wasp forming smooth spangle galls.

Gall-wasp forming common spangle galls.

Parasitic wasp 2nd for Bucks (AMG det MCH 8/06)

Hornet (25.06.07 JS)

German wasp. Common.

Red-tailed bumble bee. Queens common in spring.

Common carder bee. Queens common in spring.

Bumble bee

Mining bee

**BEETLES (c. 4,000 UK spp.)**

Dung beetle. Fairly uncommon, winter act.

Violet ground beetle. Fairly common.

<i>Carabus nemoralis</i>	Ground beetle (JS 05)
<i>Cychrus caraboides</i>	Ground beetle
<i>Nicrophorus vespillo</i>	Sexton beetle (PW 06)
<i>Cantharis rustica</i>	Soldier beetle
<i>Melolontha melolontha</i>	Cockchafer or May-bug. Common, the larvae feed on tree roots and can be a pest species.
<i>Lampyris noctiluca</i>	Glow-worm. Uncommon, restricted to chalk grassland, where they prey on snails.
<i>Coccinella 7-punctata</i>	Seven-spot ladybird. Abundant.
<i>Halyzia 16-guttata</i>	Orange ladybird. Common, usually found on sycamore.
<i>Exochomus 4-pustulatus</i>	Pine ladybird. Common; said to be particularly associated with pine trees, but at Bottom Wood MH found them only on beech trunks.
<i>Anatis ocellata</i>	Eyed ladybird
<i>Subcoccinella 24-punctata</i>	'24-spot' ladybird
<i>Clytus arietis</i>	Wasp beetle. Fairly common, a striking yellow and black beetle; this and the next species have larvae which feed on dead wood.
<i>Strangalia maculata</i>	Spotted longhorn beetle. Common.
<i>Rhagium bifasciatum</i>	Longhorn beetle
<i>Anaglyptus mysticus</i>	Longhorn beetle (Notable B)
<i>Barynotus moerens</i>	Weevil (generally common, but first record in Bucks)

## INVERTEBRATES other than Insects

### Mollusca:

#### GASTROPODA

*Pomatias elegans*  
*Cepaea nemoralis*  
*Cepaea hortensis*  
*Arianta arbustorum*  
*Oxychilus alliarius*  
*Cochlodina laminata*  
*Discus rotundatus*

#### SNAILS (c. 120 UK species)

Mainly S. Britain on lime.  
Brown-lipped banded snail. Widespread.  
White-lipped banded snail. Widespread.  
Copse snail. (2009 Toothill)  
Common; smells of garlic.  
Plaited door snail. Widespread.  
Common in ground litter.

*Arion ater*  
*Arion subfuscus*  
*Milax budapestensis*  
*Limax maximus*

#### SLUGS

Common.  
Common.  
Common; introduced into UK from eastern Europe.  
Leopard slug. (PW 15/03/07)

### Arachnida

#### OPILIONES

*Leiobunum rotundum*  
*Eriophyes macrorhynchis cephalodes*  
*Eriophyes macrochelus*

#### HARVESTMEN

Common, often seen on tree-trunks at night.  
Gall mite on field maple leaves.  
Gall mite on field maple leaves.

#### ARANEAE

*Clubiona corticalis*  
*Nuctenea umbratica*  
*Misumena vatia*  
*Pisaura mirabilis*

#### SPIDERS

(common)  
(common)  
crab spider

### Diplopoda

*Glomeris marginata*

#### MILLIPEDES

Pill millipede. Fairly common; can roll up into a ball like the pill woodlouse.

## Crustacea

### ISOPODA

*Oniscus asellus*  
*Philoscia muscorum*  
*Armadillidium vulgare*

### WOODLICE (31 UK spp.)

Common shiny woodlouse. Common.  
Common striped woodlouse. Common.  
Pill woodlouse. Common, especially on chalk grassland.

*Triturus vulgaris*  
*Rana temporaria*  
*Bufo bufo*

### AMPHIBIANS

Common newt  
Common frog  
Common toad

### REPTILES

None recorded

### BIRDS

*Ardea cinerea* Heron  
*Buteo buteo* Buzzard  
*Accipiter nisus* Sparrowhawk  
*Milvus milvus* Red kite  
*Falco tinnunculus* Kestrel  
*Perdix perdix* Partridge  
*Alectoris rufa* Red-legged partridge  
*Phasianus colchicus* Pheasant  
*Vanellus vanellus* Lapwing  
*Scolopax rusticola* Woodcock  
*Larus ridibundus* Black-headed gull  
*Columba palumbus* Woodpigeon  
*Cuculus canorus* Cuckoo  
*Athene noctua* Little owl  
*Strix aluco* Tawny owl  
*Picus viridis* Green woodpecker  
*Dendrocopos major* Great spotted woodpecker  
*Dendrocopos minor* Lesser spotted woodpecker  
*Hirundo rustica* Swallow  
*Delichon urbica* House martin  
*Sturnus vulgaris* Starling  
*Garrulus glandarius* Jay  
*Pica pica* Magpie  
*Corvus monedula* Jackdaw  
*Corvus frugilegus* Rook  
*Corvus corone corone* Carrion crow  
*Corvus corax* Raven (12Oct09JS)  
*Troglodytes troglodytes* Wren  
*Prunella modularis* Dunnock  
*Sylvia atricapilla* Blackcap  
*Sylvia communis* Whitethroat  
*Phylloscopus collybita* Chiffchaff  
*Phylloscopus trochilus* Willow warbler  
*Regulus regulus* Goldcrest  
*Phoenicurus phoenicurus* Redstart  
*Erithacus rubecula* Robin  
*Turdus merula* Blackbird

<i>Turdus iliacus</i>	Redwing
<i>Turdus philomelos</i>	Songthrush
<i>Turdus pilaris</i>	Fieldfare
<i>Parus palustris</i>	Marsh tit
<i>Parus caeruleus</i>	Blue tit
<i>Parus ater</i>	Coal tit
<i>Parus major</i>	Great tit
<i>Aegithalos caudatus</i>	Longtailed tit
<i>Sitta europea</i>	Nuthatch
<i>Certhia familiaris</i>	Tree creeper
<i>Fringilla coelebs</i>	Chaffinch
<i>Pyrrhula pyrrhula</i>	Bullfinch
<i>Carduelis carduelis</i>	Goldfinch
<i>Carduelis chloris</i>	Greenfinch
<i>Acanthis cannabina</i>	Linnet
<i>Emberiza citrinella</i>	Yellowhammer

### MAMMALS

<i>Sorex minutus</i>	Pigmy shrew
<i>Sorex araneus</i>	Common shrew
<i>Neomys fodiens</i>	Water shrew
<i>Talpa europea</i>	Mole
<i>Pipistrellus pipistrellus</i>	Common pipistrelle bat
<i>Plecotus auritus</i>	Common long-eared bat
<i>Vulpes vulpes</i>	Fox
<i>Mustela erminea</i>	Stoat
<i>Mustela nivalis</i>	Weasel
<i>Mustela putorius</i>	Polecat
<i>Meles meles</i>	Badger
<i>Oryctolagus cuniculus</i>	Rabbit
<i>Sciurus carolinensis</i>	Grey squirrel
<i>Muscardinus avellanarius</i>	Dormouse
<i>Myoxus glis</i>	Fat dormouse (appeared 05)
<i>Clethrionomys glareolus</i>	Bank vole
<i>Rattus norvegicus</i>	Common rat
<i>Apodemus sylvaticus</i>	Wood mouse
<i>Muntiacus reevesi</i>	Muntjac
<i>Cervus elaphus</i>	Red deer (passing)
<i>Dama dama</i>	Fallow deer (passing)
<i>Capreolus capreolus</i>	Roe deer

### TOTALS

Conifers	5
Flowering plants	194 (+1 var.)
Ferns	6
Mosses	3
Fungi	30
Butterflies	28, Larger moths 211, Micro-moths 93, Other insects 58
Molluscs	11
Arachnids	7
Millipedes	1
Woodlice	3
Amphibians	3
Birds	53
Mammals	22