

Appendix 1 - Historical land use in the Parish and its influence on biodiversity.

Not to belittle it, but Pamber Parish's good fortunes in the biodiversity department are down to luck. Underlying clay and gravel mean the land is agriculturally poor and for centuries it was fit for little more than growing trees, cutting hay and grazing a few animals. Land ownership and tenancy regimes meant much of the population scratched a living from relatively small plots: one man with an axe and a scythe, and not much more. This historically small-scale, English-style subsistence farming resulted in a mosaic of land use and habitats that persists in Pamber today, in places. And looking at old maps and reading the landscape's archaeology and ancient hedgerows means you can trace the history of land use back to the days of Roman occupation. To use rather flowery language, the landscape of Pamber Parish is like a palimpsest - an ancient parchment manuscript, used and reused over time with previous text and boundaries scraped away and overwritten but not entirely obscured. Hints of the past can be discerned by those with a keen and informed eye.

Appendix 2 - Additional notable and protected species cited in the draft (subsequently adopted) Pamber Forest SSSI management plan

General information about most of Pamber's taxa groups is summarised in the main document and more specific information about birds, mammals, butterflies and flora is either covered there, or in Appendix 1. However, HBIC records are incomplete in many regards and the following list comprises a selection of the more notable invertebrate species for which Pamber Forest was deemed significant when its management plan was drawn up, and which pertained to its SSSI designation.

SCIENTIFIC NAME	ENGLISH NAME	STATUS
Moths		
<i>Catocala promissa</i>	Light Crimson Underwing	RDB 3
<i>Hemaris fuciformis</i>	Broad-bordered Bee-hawkmoth	RDB 2
<i>Hemaris tityus</i>	Narrow-bordered Bee-hawkmoth	RDB 2
Beetles		
<i>Anoplus roboris</i>		Notable
<i>Rutidosoma globulus</i>		Notable
<i>Grammoptera vareigata</i>		Notable
Bugs (Hemiptera)		
<i>Charagochilus weberi</i>	(new to Britain, 1959, when found in Pamber)	RDB 1

<i>Temnostethus tibialis</i>	RDB 3
Caddisflies	
<i>Isonychia dubia</i>	RDB 3
Bees & Wasps) Hymenoptera	
<i>Andrena lapponica</i>	Notable
<i>Bombus jonellus</i>	Notable
True Flies (Diptera)	
<i>Acrocera globulus</i>	Notable
<i>Cheilosia chrysocoma</i>	RDB 3
<i>Hematopota grandis</i>	RDB 3
<i>Nephrotoma crocata</i>	RDB 3
<i>Oxycera pulchella</i>	RDB 3
<i>Euphranta (Rhacochlaena)</i>	
<i>toxoneura</i>	RDB 3
<i>Tipula hortorum</i>	RDB 3
<i>Tiplula vittata</i>	RDB 3
<i>Xylota abiens</i>	RDB 3

Appendix 3 - Lepidoptera (Butterflies and Moths) recorded on New Road, Little London 2004-2019 (generalised OS Grid Reference SU6159)

Species highlighted in yellow are UK Biodiversity Action Plan Priority Species, designated because of recent rapid declines in their numbers.

<u>ENGLISH NAME</u>	<u>SCIENTIFIC NAME</u>
Ghost Moth	<i>Hepialus humuli</i>
Orange Swift	<i>Triodia sylvina</i>
Gold Swift	<i>Phymatopus hecta</i>
Common Swift	<i>Korscheltellus lupulina</i>
Map-winged Swift	<i>Korscheltellus fusconebulosa</i>
Leopard Moth	<i>Zeuzera pyrina</i>
The Festoon	<i>Apoda limacodes</i>
Skin Moth	<i>Monopis laevigella</i>
Common Clothes Moth	<i>Tineola bisselliella</i>
Case-bearing Clothes Moth	<i>Tinea pellionella</i>
Apple Leaf Miner	<i>Lyonetia clerkella</i>
Lunar Hornet Moth	<i>Sesia bembeciformis</i>
Currant Clearwing	<i>Synanthedon tipuliformis</i>
Yellow-legged Clearwing	<i>Synanthedon vespiformis</i>
Red-belted Clearwing	<i>Synanthedon myopaeformis</i>

Red-tipped Clearwing	<i>Synanthedon formicaeformis</i>
Bird-cherry Ermine	<i>Yponomeuta evonymella</i>
Honeysuckle Moth	<i>Ypsolopha dentella</i>
Diamond-back Moth	<i>Plutella xylostella</i>
Brown House-moth	<i>Hofmannophila pseudospretella</i>
White-shouldered House-moth	<i>Endrosis sarcitrella</i>
Parsnip Moth	<i>Depressaria radiella</i>
Chequered Fruit-tree Tortrix	<i>Pandemis corylana</i>
Barred Fruit-tree Tortrix	<i>Pandemis cerasana</i>
Large Fruit-tree Tortrix	<i>Archips podana</i>
Brown Oak Tortrix	<i>Archips crataegana</i>
Variiegated Golden Tortrix	<i>Archips xylosteanana</i>
Rose Tortrix	<i>Archips rosana</i>
Light Brown Apple Moth	<i>Epiphyas postvittana</i>
Light Grey Tortrix	<i>Cnephasia incertana</i>
Green Oak Tortrix	<i>Tortrix viridana</i>
Bramble Shoot Moth	<i>Notocelia uddmanniana</i>
Codling Moth	<i>Cydia pomonella</i>
Twenty-plume Moth	<i>Alucita hexadactyla</i>
Water Veneer	<i>Acentria ephemerella</i>
Brown China-mark	<i>Elophila nymphaeata</i>
Garden Pebble	<i>Evergestis forficalis</i>
Small Magpie	<i>Anania hortulata</i>
Rusty-dot Pearl	<i>Udea ferrugalis</i>
Rush Veneer	<i>Nomophila noctuella</i>
Mother of Pearl	<i>Pleuroptya ruralis</i>
Gold Triangle	<i>Hypsopygia costalis</i>
Meal Moth	<i>Pyralis farinalis</i>
Large Tabby	<i>Aglossa pinguinalis</i>
Wax Moth	<i>Galleria mellonella</i>
Bee Moth	<i>Aphomia sociella</i>
Thistle Ermine	<i>Myelois circumvoluta</i>
Indian Meal Moth	<i>Plodia interpunctella</i>
Small Skipper	<i>Thymelicus sylvestris</i>
Essex Skipper	<i>Thymelicus lineola</i>
Large Skipper	<i>Ochlodes sylvanus</i>
Dingy Skipper	<i>Erynnis tages</i>
Clouded Yellow	<i>Colias croceus</i>
Brimstone	<i>Gonepteryx rhamni</i>
Large White	<i>Pieris brassicae</i>
Small White	<i>Pieris rapae</i>
Green-veined White	<i>Pieris napi</i>
Orange-tip	<i>Anthocharis cardamines</i>
Purple Hairstreak	<i>Favonius quercus</i>
White-letter Hairstreak	<i>Satyrium w-album</i>
Small Copper	<i>Lycaena phlaeas</i>
Common Blue	<i>Polyommatus icarus</i>
Chalk Hill Blue	<i>Polyommatus coridon</i>

Holly Blue	<i>Celastrina argiolus</i>
White Admiral	<i>Limenitis camilla</i>
Purple Emperor	<i>Apatura iris</i>
Red Admiral	<i>Vanessa atalanta</i>
Painted Lady	<i>Vanessa cardui</i>
Small Tortoiseshell	<i>Aglais urticae</i>
Peacock	<i>Aglais io</i>
Comma	<i>Polygonia c-album</i>
Dark Green Fritillary	<i>Argynnis aglaja</i>
Silver-washed Fritillary	<i>Argynnis paphia</i>
Speckled Wood	<i>Pararge aegeria</i>
Marbled White	<i>Melanargia galathea</i>
Gatekeeper	<i>Pyronia tithonus</i>
Meadow Brown	<i>Maniola jurtina</i>
Small Heath	<i>Coenonympha pamphilus</i>
Ringlet	<i>Aphantopus hyperantus</i>
December Moth	<i>Poecilocampa populi</i>
Pale Eggar	<i>Trichiura crataegi</i>
Lackey	<i>Malacosoma neustria</i>
Fox Moth	<i>Macrothylacia rubi</i>
Drinker	<i>Euthrix potatoria</i>
Lappet	<i>Gastropacha quercifolia</i>
Scalloped Hook-tip	<i>Falcaria lacertinaria</i>
Oak Hook-tip	<i>Watsonalla binaria</i>
Pebble Hook-tip	<i>Drepana falcataria</i>
Chinese Character	<i>Cilix glaucata</i>
Peach Blossom	<i>Thyatira batis</i>
Buff Arches	<i>Habrosyne pyritoides</i>
Figure of Eighty	<i>Tethea ocularis</i>
Poplar Lutestring	<i>Tethea or</i>
Satin Lutestring	<i>Tetheella fluctuosa</i>
Common Lutestring	<i>Ochropacha duplaris</i>
Oak Lutestring	<i>Cymatophorina diluta</i>
Yellow Horned	<i>Achlya flavicornis</i>
Frosted Green	<i>Polyploca ridens</i>
March Moth	<i>Alsophila aescularia</i>
Grass Emerald	<i>Pseudoterpna pruinata</i>
Large Emerald	<i>Geometra papilionaria</i>
Blotched Emerald	<i>Comibaena bajularia</i>
Common Emerald	<i>Hemithea aestivaria</i>
Small Emerald	<i>Hemistola chrysoprasaria</i>
Little Emerald	<i>Jodis lactearia</i>
Birch Mocha	<i>Cyclophora albipunctata</i>
Maiden's Blush	<i>Maiden's Blush</i>
Blood-Vein	<i>Timandra comae</i>
Mullein Wave	<i>Scopula marginepunctata</i>
Small Blood-vein	<i>Scopula imitaria</i>
Cream Wave	<i>Scopula floslactata</i>

Least Carpet	<i>Idaea rusticata</i>
Small Fan-footed Wave	<i>Idaea biselata</i>
Dwarf Cream Wave	<i>Idaea fuscovenosa</i>
Small Dusty Wave	<i>Idaea seriata</i>
Single-dotted Wave	<i>Idaea dimidiata</i>
Satin Wave	<i>Idaea subsericeata</i>
Treble Brown Spot	<i>Idaea trigeminata</i>
Small Scallop	<i>Idaea emarginata</i>
Riband Wave	<i>Idaea aversata</i>
Vestal	<i>Rhodometra sacraria</i>
Gem	<i>Nycterosea obstipata</i>
Flame Carpet	<i>Xanthorhoe designata</i>
Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>
Dark-barred Twin-spot Carpet	<i>Xanthorhoe ferrugata</i>
Large Twin-spot Carpet	<i>Xanthorhoe quadrifasiata</i>
Silver-ground Carpet	<i>Xanthorhoe montanata</i>
Garden Carpet	<i>Xanthorhoe fluctuata</i>
Common Carpet	<i>Epirrhoe alternata</i>
Yellow Shell	<i>Camptogramma bilineata</i>
Mallow	<i>Larentia clavaria</i>
Shoulder Stripe	<i>Earophila badiata</i>
Streamer	<i>Anticlea derivata</i>
Beautiful Carpet	<i>Mesoleuca albicillata</i>
Purple Bar	<i>Cosmorhoe ocellata</i>
Phoenix	<i>Eulithis prunata</i>
Spinach	<i>Eulithis mellinata</i>
Barred Straw	<i>Gandaritis pyraliata</i>
Small Phoenix	<i>Ecliptopera silaceata</i>
Red-Green Carpet	<i>Chloroclysta siterata</i>
Autumn Green Carpet	<i>Chloroclysta miata</i>
Dark Marbled Carpet	<i>Dysstroma citrata</i>
Common Marbled Carpet	<i>Dysstroma truncata</i>
Barred Yellow	<i>Cidaria fulvata</i>
Blue-bordered Carpet	<i>Plemyria rubiginata</i>
Pine Carpet	<i>Pennithera firmata</i>
Grey Pine Carpet	<i>Thera obeliscata</i>
Spruce Carpet	<i>Thera britannica</i>
Cypress Carpet	<i>Thera cupressata</i>
Broken-barred Carpet	<i>Electrophaes corylata</i>
Mottled Grey	<i>Colostygia multistrigaria</i>
Green Carpet	<i>Colostygia pectinataria</i>
July Highflier	<i>Hydriomena furcata</i>
May Highflier	<i>Hydriomena impluviata</i>
Small Waved Umber	<i>Horisme vitalbata</i>
Scallop Shell	<i>Hydria undulata</i>
Sharp-angled Carpet	<i>Euphyia unangulata</i>
November Moth	<i>Epirrita dilutata</i>
Pale November Moth	<i>Epirrita christyi</i>

Autumnal Moth	<i>Epirrita autumnata</i>
Winter Moth	<i>Operophtera brumata</i>
Rivulet	<i>Perizoma affinitata</i>
Small Rivulet	<i>Perizoma alchemillata</i>
Sandy Carpet	<i>Perizoma flavofasciata</i>
Slender Pug	<i>Eupithecia tenuiata</i>
Foxglove Pug	<i>Eupithecia pulchellata</i>
Mottled Pug	<i>Eupithecia exiguata</i>
Lime-speck Pug	<i>Eupithecia centaureata</i>
Freyer's Pug	<i>Eupithecia intricata</i>
Wormwood Pug	<i>Eupithecia absinthiata</i>
Currant Pug	<i>Eupithecia assimilata</i>
Common Pug	<i>Eupithecia vulgata</i>
White-spotted Pug	<i>Eupithecia tripunctaria</i>
Grey Pug	<i>Eupithecia subfuscata</i>
Tawny Speckled Pug	<i>Eupithecia icterata</i>
Bordered Pug	<i>Eupithecia succenturiata</i>
Ochreous Pug	<i>Eupithecia indigata</i>
Narrow-winged Pug	<i>Eupithecia nanata</i>
Brindled Pug	<i>Eupithecia abbreviata</i>
Oak-tree Pug	<i>Eupithecia dodoneata</i>
Cypress Pug	<i>Eupithecia phoeniceata</i>
Larch Pug	<i>Eupithecia lariciata</i>
Dwarf Pug	<i>Eupithecia tantillaria</i>
V-Pug	<i>Chloroclystis v-ata</i>
Green Pug	<i>Pasiphila rectangulata</i>
Double-striped Pug	<i>Gymnoscelis rufifasciata</i>
Dingy Shell	<i>Euchoeca nebulata</i>
Small White Wave	<i>Asthena albulata</i>
Small Yellow Wave	<i>Hydrelia flammeolaria</i>
Seraphim	<i>Lobophora halterata</i>
Early Tooth-striped	<i>Trichopteryx carpinata</i>
Small Seraphim	<i>Pterapherapteryx sexalata</i>
Yellow-barred Brindle	<i>Acasis viretata</i>
Magpie	<i>Abraxas grossulariata</i>
Clouded Border	<i>Lomaspilis marginata</i>
Peacock Moth	<i>Macaria notata</i>
Sharp-angled Peacock	<i>Macaria alternata</i>
Tawny-barred Angle	<i>Macaria liturata</i>
Latticed Heath	<i>Chiasmia clathrata</i>
Little Thorn	<i>Cepphis advenaria</i>
Brown Silver-line	<i>Petrophora chlorosata</i>
Speckled Yellow	<i>Pseudopanthera macularia</i>
Lilac Beauty	<i>Apeira syringaria</i>
August Thorn	<i>Ennomos quercinaria</i>
Canary-shouldered Thorn	<i>Ennomos alniaria</i>
Dusky Thorn	<i>Ennomos fuscantaria</i>
September Thorn	<i>Ennomos erosaria</i>

Early Thorn
Purple Thorn
Scalloped Hazel
Scalloped Oak
Swallow-tailed Moth
Feathered Thorn
Orange Moth
Brindled Beauty
Oak Beauty
Peppered Moth
Spring Usher
Scarce Umber
Dotted Border
Mottled Umber
Waved Umber
Willow Beauty
Satin Beauty
Mottled Beauty
Great Oak Beauty
Pale Oak Beauty
Engrailed
Brindled White-spot
Grey Birch
Common Heath
Bordered White
Common White Wave
Common Wave
White-pinion Spotted
Clouded Silver
Early Moth
Light Emerald
Barred Red
Convolvulus Hawk-moth
Privet Hawk-moth
Pine Hawk-moth
Lime Hawk-moth
Eyed Hawk-moth
Poplar Hawk-moth
Humming-bird Hawk-moth
Oleander Hawk-moth
Elephant Hawk-moth
Small Elephant Hawk-moth
Buff-tip
Puss Moth
Alder Kitten
Sallow Kitten
Poplar Kitten
Lobster Moth

Selenia dentaria
Selenia tetralunaria
Odontopera bidentata
Crocallis elinguaris
Ourapteryx sambucaria
Colotois pennaria
Angerona prunaria
Lycia hirtaria
Biston strataria
Biston betularia
Agriopsis leucophaearia
Agriopsis aurantiaria
Agriopsis marginaria
Erannis defoliaria
Menophra abruptaria
Peribatodes rhomboidaria
Deileptenia ribeata
Alcis repandata
Hypomecis roboraria
Hypomecis punctinalis
Ectropis crepuscularia
Parectropis similaria
Aethalura punctulata
Ematurga atomaria
Bupalus piniaria
Cabera pusaria
Cabera exanthemata
Lomographa bimaculata
Lomographa temerata
Theria primaria
Campaea margaritaria
Hylaea fasciaria
Agrius convolvuli
Sphinx ligustri
Sphinx pinastri
Mimas tiliae
Smerinthus ocellata
Poplar Hawk-moth
Macroglossum stellatarum
Daphnis nerii
Deilephila elpenor
Deilephila porcellus
Phalera bucephala
Cerura vinula
Furcula bicuspis
Furcula furcula
Furcula bifida
Stauropus fagi

Iron Prominent	<i>Notodonta dromedarius</i>
Pebble Prominent	<i>Notodonta ziczac</i>
Great Prominent	<i>Peridea anceps</i>
Lesser Swallow Prominent	<i>Pheosia gnoma</i>
Swallow Prominent	<i>Pheosia tremula</i>
Coxcomb Prominent	<i>Ptilodon capucina</i>
Maple Prominent	<i>Ptilodon cucullina</i>
Scarce Prominent	<i>Odontosia carmelita</i>
Pale Prominent	<i>Pterostoma palpina</i>
Marbled Brown	<i>Drymonia dodonaea</i>
Lunar Marbled Brown	<i>Drymonia ruficornis</i>
Chocolate-tip	<i>Clostera curtula</i>
Figure of Eight	<i>Diloba caeruleocephala</i>
Oak Processionary	<i>Thaumetopoea processionea</i>
Vapourer	<i>Orgyia antiqua</i>
Pale Tussock	<i>Calliteara pudibunda</i>
Yellow-tail	<i>Euproctis similis</i>
Black Arches	<i>Lymantria monacha</i>
Dew Moth	<i>Setina irrorella</i>
Rosy Footman	<i>Miltochrista miniata</i>
Muslin Footman	<i>Nudaria mundana</i>
Red-necked Footman	<i>Atolmis rubricollis</i>
Four-dotted Footman	<i>Cybosia mesomella</i>
Orange Footman	<i>Eilema sororcula</i>
Dingy Footman	<i>Eilema griseola</i>
Scarce Footman	<i>Eilema complana</i>
Buff Footman	<i>Eilema depressa</i>
Common Footman	<i>Eilema lurideola</i>
Garden Tiger	<i>Arctia caja</i>
Clouded Buff	<i>Diacrisia sannio</i>
White Ermine	<i>Spilosoma lubricipeda</i>
Buff Ermine	<i>Spilosoma lutea</i>
Muslin Moth	<i>Diaphora mendica</i>
Ruby Tiger	<i>Phragmatobia fuliginosa</i>
Jersey Tiger	<i>Euplagia quadripunctaria</i>
Scarlet Tiger	<i>Callimorpha dominula</i>
Cinnabar	<i>Tyria jacobaeae</i>
Kent Black Arches	<i>Meganola albula</i>
Short-cloaked Moth	<i>Nola cucullatella</i>
Least Black Arches	<i>Nola confusalis</i>
Turnip Moth	<i>Agrotis segetum</i>
Heart & Club	<i>Agrotis clavis</i>
Heart & Dart	<i>Heart & Dart</i>
Dark Sword-grass	<i>Agrotis ipsilon</i>
Shuttle-shaped Dart	<i>Shuttle-shaped Dart</i>
Flame	<i>Axylia putris</i>
Flame Shoulder	<i>Ochropleura plecta</i>
Large Yellow Underwing	<i>Noctua pronuba</i>

Lesser Yellow Underwing	<i>Noctua comes</i>
Broad-bordered Yellow Underwing	<i>Noctua fimbriata</i>
Lesser Broad-bordered Yellow Underwing	<i>Noctua janthe</i>
Least Yellow Underwing	<i>Noctua interjecta</i>
Autumnal Rustic	<i>Eugnorisma glareosa</i>
True Lover's Knot	<i>Lycophotia porphyrea</i>
Pearly Underwing	<i>Peridroma saucia</i>
Ingrailed Clay	<i>Diarsia mendica</i>
Purple Clay	<i>Diarsia brunnea</i>
Small Square-spot	<i>Diarsia rubi</i>
Setaceous Hebrew Character	<i>Xestia c-nigrum</i>
Double Square-spot	<i>Xestia triangulum</i>
Dotted Clay	<i>Xestia baja</i>
Six-striped Rustic	<i>Xestia sexstrigata</i>
Square-spot Rustic	<i>Xestia xanthographa</i>
Gothic	<i>Naenia typica</i>
Green Arches	<i>Anaplectoides prasina</i>
Red Chestnut	<i>Cerastis rubricosa</i>
Nutmeg	<i>Anarta trifolii</i>
Grey Arches	<i>Polia nebulosa</i>
Cabbage Moth	<i>Mamestra brassicae</i>
Dot Moth	<i>Melanchra persicariae</i>
Pale-shouldered Brocade	<i>Lacanobia thalassina</i>
Bright-line Brown-eye	<i>Lacanobia oleracea</i>
Broom Moth	<i>Ceramica pisi</i>
Lychnis	<i>Hadena bicruris</i>
Antler Moth	<i>Cerapteryx graminis</i>
Feathered Gothic	<i>Tholera decimalis</i>
Pine Beauty	<i>Panolis flammea</i>
Small Quaker	<i>Orthosia cruda</i>
Blossom Underwing	<i>Orthosia miniosa</i>
Lead-coloured Drab	<i>Orthosia populeti</i>
Powdered Quaker	<i>Orthosia gracilis</i>
Common Quaker	<i>Orthosia cerasi</i>
Clouded Drab	<i>Orthosia incerta</i>
Twin-spotted Quaker	<i>Anorthoa munda</i>
Hebrew Character	<i>Orthosia gothica</i>
Brown-line Bright-eye	<i>Mythimna conigera</i>
Clay	<i>Mythimna ferrago</i>
White-point	<i>Mythimna albipuncta</i>
Smoky Wainscot	<i>Mythimna impura</i>
Common Wainscot	<i>Mythimna pallens</i>
L-album Wainscot	<i>Mythimna l-album</i>
Shoulder-striped Wainscot	<i>Leucania comma</i>
Shark	<i>Cucullia umbratica</i>
Mullein	<i>Cucullia verbasci</i>
Minor Shoulder-knot	<i>Brachylomia viminalis</i>
Sprawler	<i>Asteroscopus sphinx</i>

Deep-brown Dart	<i>Aporophyla lutulenta</i>
Black Rustic	<i>Aporophyla nigra</i>
Pale Pinion	<i>Lithophane socia</i>
Grey Shoulder-knot	<i>Lithophane ornitopus</i>
Blair's Shoulder-knot or Stone Pinion	<i>Lithophane leautieri</i>
Early Grey	<i>Xylocampa areola</i>
Green-brindled Crescent	<i>Allophyes oxyacanthae</i>
Merveille du Jour	<i>Griposia aprilina</i>
Brindled Green	<i>Dryobotodes eremita</i>
Large Ranunculus	<i>Polymixis flavicincta</i>
Satellite	<i>Eupsilia transversa</i>
Chestnut	<i>Conistra vaccinii</i>
Dark Chestnut	<i>Conistra ligula</i>
Brick	<i>Agrochola circellaris</i>
Red-line Quaker	<i>Agrochola lota</i>
Yellow-line Quaker	<i>Agrochola macilenta</i>
Flounced Chestnut	<i>Agrochola helvola</i>
Brown-spot Pinion	<i>Agrochola litura</i>
Beaded Chestnut	<i>Agrochola lychnidis</i>
Centre-barred Sallow	<i>Atethmia centrago</i>
Lunar Underwing	<i>Omphaloscelis lunosa</i>
Barred Sallow	<i>Tiliacea aurago</i>
Pink-barred Sallow	<i>Xanthia togata</i>
Sallow	<i>Cirrhia icteritia</i>
Poplar Grey	<i>Subacronicta megacephala</i>
Sycamore	<i>Acronicta aceris</i>
Miller	<i>Acronicta leporina</i>
Alder Moth	<i>Acronicta alni</i>
Grey Dagger	<i>Acronicta psi</i>
Knot Grass	<i>Acronicta rumicis</i>
Coronet	<i>Craniophora ligustri</i>
Marbled Beauty	<i>Bryophila domestica</i>
Copper Underwing	<i>Amphipyra pyramidea</i>
Svensson's Copper Underwing	<i>Amphipyra berbera</i>
Mouse Moth	<i>Amphipyra tragopoginis</i>
Old Lady	<i>Mormo maura</i>
Bird's Wing	<i>Dypterygia scabriuscula</i>
Brown Rustic	<i>Rusina ferruginea</i>
Straw Underwing	<i>Thalpophila matura</i>
Small Angle Shades	<i>Euplexia lucipara</i>
Angle Shades	<i>Phlogophora meticulosa</i>
Double Kidney	<i>Ipimorpha retusa</i>
Olive	<i>Ipimorpha subtusa</i>
Dingy Shears	<i>Apterogenum ypsilon</i>
Dun-bar	<i>Cosmia trapezina</i>
Lunar-spotted Pinion	<i>Cosmia pyralina</i>
Dark Arches	<i>Apamea monoglypha</i>
Light Arches	<i>Apamea lithoxylaea</i>

Clouded-bordered Brindle	<i>Apamea crenata</i>
Clouded Brindle	<i>Apamea epomidion</i>
Dusky Brocade	<i>Apamea remissa</i>
Small Clouded Brindle	<i>Apamea unanimitis</i>
Large Nutmeg	<i>Apamea anceps</i>
Rustic Shoulder-knot	<i>Apamea sordens</i>
Slender Brindle	<i>Apamea scolopacina</i>
Marbled Minor	<i>Oligia strigilis</i>
Tawny Marbled Minor	<i>Oligia latruncula</i>
Middle-barred Minor	<i>Oligia fasciuncula</i>
Cloaked Minor	<i>Mesoligia furuncula</i>
Rosy Minor	<i>Litoligia literosa</i>
Common Rustic	<i>Mesapamea secalis</i>
Lesser Common Rustic	<i>Mesapamea didyma</i>
Small Dotted Buff	<i>Photodes minima</i>
Small Wainscot	<i>Denticucullus pygmina</i>
Dusky Sallow	<i>Eremobia ochroleuca</i>
Ear Moth	<i>Amphipoea oculea</i>
Rosy Rustic	<i>Hydraecia micacea</i>
Frosted Orange	<i>Gortyna flavago</i>
Treble Lines	<i>Treble Lines</i>
Uncertain	<i>Hoplodrina octogenaria</i>
Rustic	<i>Hoplodrina blanda</i>
Vine's Rustic	<i>Hoplodrina ambigua</i>
Small Mottled Willow	<i>Spodoptera exigua</i>
Mottled Rustic	<i>Caradrina morpheus</i>
Pale Mottled Willow	<i>Caradrina clavipalpis</i>
Rosy Marbled	<i>Elaphria venustula</i>
Scarce Silver-lines	<i>Bena bicolorana</i>
Green Silver-lines	<i>Pseudoips prasinana</i>
Oak Nycteoline	<i>Nycteola revayana</i>
Nut-tree Tussock	<i>Colocasia coryli</i>
Burnished Brass	<i>Diachrysia chrysitis</i>
Golden Plusia	<i>Polychrysia moneta</i>
Silver Y	<i>Autographa gamma</i>
Beautiful Golden Y	<i>Autographa pulchrina</i>
Plain Golden Y	<i>Autographa jota</i>
Spectacle	<i>Abrostola tripartita</i>
Clifden Nonpareil	<i>Catocala fraxini</i>
Red Underwing	<i>Catocala nupta</i>
Blackneck	<i>Lygephila pastinum</i>
Herald	<i>Scoliopteryx libatrix</i>
Beautiful Hook-tip	<i>Laspeyria flexula</i>
Straw Dot	<i>Rivula sericealis</i>
Waved Black	<i>Parascotia fuliginaria</i>
Snout	<i>Hypena proboscidalis</i>
Pinion-streaked Snout	<i>Schrankia costaestrigalis</i>
Fan-foot	<i>Herminia tarsipennalis</i>

Appendix 4 - Ageing Hedgerows.

The number of tree and shrub species present in a native hedgerow increases with time, through natural colonisation. In the 1970s Dr Max Hooper devised a method of estimating the age of a hedgerow by counting the number of woody species in a 100 ft (30.5 meters) length of hedge. This is referred to in ecological circles as 'Hooper's Law': if you multiply the number of species present by 99 years and then deduct sixteen, this gives you a rough idea of the age of the hedge. The likelihood is that many remaining hedges in our Parish were planted around 300 years ago to define boundaries. Much older hedgerows are also present and are likely to represent either boundaries of ancient byways or remnants of ancient woodland. When ageing hedgerows, field observations need to be corroborated by reference to maps and literature.