

## Butterflies & Moths - species seen in Selsdon Wood

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 "Macro-lepidoptera" (butterflies and moths)" recorded by E H Wild prior to publication in 1978. These are indicated by a Y in the 1978 column but Mr. Wild's list includes around 200 more species (mostly moths) than we have seen and shown on this chart.

The dates in the other columns show first sightings in any one year. Dates in 2012 are drawn from Ted Forsyth's transects and other dates prior to 2018 are drawn from website photographs. In 2018, moths seen on 11<sup>th</sup> July were caught on the test of the new moth trap and those on 19<sup>th</sup> July during the Bat & Moth Walk.

Species are listed in the same order as they are shown on the FSW website. Only the English names are given here (except in the few cases of moths with no English name) although the Latin names are given on the website. Red text shows species seen for the first time this year.

From 2022 the initials of the person making the sighting are given - Steve Budd (SB), Tony Flecchia (TFI), Ruth Budd (RB), Connor Church (CC), Frank Kippin (FK), Rosalyn Heaton (RH), Lauren LeMasurier (LL), Valerie Baldry (VB) and Daniel Bound (DB). Daniel's sightings were made on his weekly transect (but not photographed), the two 2023 sightings marked \* were seen on the annual Butterfly Walk on 8<sup>th</sup> July and the 2024 sightings marked \* were seen on the Butterfly Walk on 29<sup>th</sup> June.

BUTTERFLIES																
Whites & Yellows	1978	Notes	Pre 2012	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Brimstone	Y			30 Apr	6 Aug	8 Jun				26 Mar		24 Mar	19 Mar	9 Feb (SB)	24 Mar (RB)	14 Mar (RB)
Clouded Yellow					4 Aug									26 Aug (RB)		
Green-Veined White	Y			11 May	4 Aug					21 Apr		23 Apr	18 Apr	15 Apr (RB)	20 May (RB)	11 Apr (DB)
Large White	Y			24 Jul	26 Jul		18 Jul			22 Apr		12 July	8 July	17 Apr (RB)	10 May (RB)	1 Sept (VB)
Orange Tip	Y		2/5/05	30 Apr	16 May	31 May				21 Apr		25 Apr	18 Apr	12 Apr (RB)	29 Apr (RB)	11 Apr (DB)
Small White	Y			30 Apr	1 Jun			4 Aug				1 Jul	17 July	19 May (RB)	14 May (DB)	4 May (TFI)
Brush Foot Butterflies	1978	Notes		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Comma	Y		19/7/11	22 May	16 May					5 May		22 Mar	19 Mar	15 Mar (RB)	3 Apr (CC)	16 Mar (RB)
Dark Green Fritillary		First seen in 2020 - rare in this area										15 Jun	4 July			
Painted Lady		First seen in 2019									22 Aug		23 July	1 June (RB)		14 July (RB)
Peacock	Y			30 Apr	7 Aug	26 Jun				14 Apr		24 Mar	25 Mar	15 Mar (RB)	4 Apr (LL)	16 Mar (RB)
Purple Emperor		First seen in 2020										12 July				28 June (RB)
Red Admiral	Y		1/7/11				31 Jul					24 Mar	24 June	29 May (HG)	12 Mar (RB)	7 June (VB)
Silver Washed Fritillary	Y		1/7/11	21 July	12 Aug	3 Jul						2 July	24 June	27 June (RB)	26 June (DB)	10 July (RB)
Small Tortoiseshell	Y				23 Aug	10 Jun	22 May			5 Apr		19 Jun		23 Mar (RB)	4 Apr (DB)	
White Admiral	Y		1/7/11	28 Jun								6 July	8 July	16 June (RB)	26 June (DB)	29 June (RB) *
Browns and Ringlets	1978	Notes		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
Gatekeeper				11 Aug	4 Aug		1 Aug					27 Jun	17 July	17 July (RB)	28 June (RB)	12 July (RB)
Marbled White				21 Jul	12 Jul							20 Jun	30 Jun	18 June (RB)	26 June (RB)	29 June (RB) *
Meadow Brown	Y			12 Jul	27 Jul		1 Jul					7 Jun	13 Jun	3 June (RB)	7 June (RB)	12 June (RB)
Small Heath	Y			28 Jun	18 Jun						31 May	27 Jun	13 Jun	19 May (RB)	14 June (DB)	12 June (RB)
Speckled Wood	Y			28 Jun	31 May					1 May		23 Apr	7 May	13 Apr (RB)	30 Apr (RB)	15 Apr (RB)
Ringlet	Y			21 Jul								28 Jun	4 July	19 June	26 June (DB)	19 Apr (TFI)
Blues, Hairstreaks & Coppers	1978	Notes		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
Brown Hairstreak									July			11 Aug	14 Aug	26 Aug (RB)		23 Aug (RB)
Brown Argus					3 Aug	13 Aug	21 Jul					15 July	4 July	23 July (RB)		

Common Blue	Y				8 Aug							17 May	31 May	22 May (RB)	4 June (RB)	23 May (VB)
Small Blue		Seen on the BB												16 June (RB)	23 May (RB)	
Green Hairstreak																
Holly Blue	Y		2 Jun					13 Apr	5 May		6 July	9 May	15 Apr (RB)	28 Apr (RB)	13 Apr (TFI)	
Purple Hairstreak	Y		19 Jul								29 July	11 July	9 July (DB)	1 July (RB)	17 July (RB)	
Small Copper	Y		11 Aug	9 Aug							12 July	7 May	17 July (RB)	7 June (DB)	28 July (RB)	
White-letter Hairstreak												16 July				
<b>Skippers</b>	<b>1978</b>	<b>Notes</b>	<b>2010</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
Small Essex Skipper			24 Jul												8 July (DB)*	
Dingy Skipper	Y						13 May				31 May			8 May (RB)	30 May (DB)	
Large Skipper	Y		30 Jul	12 Jul								23 Jun	23 Jun	11 June (RB)	19 June (DB)	29 June (RB) *
Small Skipper	Y		29/6/10										23 July		8 July (DB)*	14 July (SB)
<b>MOTHS</b>																
<b>Nepticulidae</b>															<b>2023</b>	
Black Headed Pigmy Moth, <i>Stigmella atricapitella</i>															28 May (TFI)	
Bramble Leaf Miner (Leaf Mine)												21 Sept	9 Feb (TFI)	9 Aug (TFI)		
Coarse Hazel Pigmy, <i>Stigmella floslactella</i>															1 Aug (TFI)	
Scarce Maple Pigmy Moth, <i>Stigmella aceris</i>															21 Aug (TFI)	
<b>Erebidae</b>	<b>1978</b>	<b>Notes</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	
Black Arches Moth	Y			7 Aug							20 Aug		20 July (HG)		16 Aug (TFI)	
Blackneck Moth		Woodland				16 Jun										
Buff Ermine Moth	Y				3 Jul				11 Jul					23 May (TFI)		
Buff Footman, <i>Eilema depressa</i>												3 Aug				
Burnet Companion Moth			29 May	1 Jun						6 June		31 May	21 May (SB)	27 May (RB)	21 May (RB)	
Cinnabar Moth		Caterpillar seen 2014/2015 - Moth seen 2020		19 Jul	1 Aug						21 Jun					
Common Footman Moth									11 Jul							
Jersey Tiger Moth				17 Aug	14 Aug							28 Aug		8 Aug (FK))	16 Aug (RB)	
Mother Shipton Moth, <i>Euclidia mi</i>													19 May (SB)	17 June (HG)		
Pale Tussock Moth Larva, <i>Calliteara pudibunda</i>														1 Oct (TFo)		
Rosy Footman Moth, <i>Miltochrista miniata</i>														16 Aug (TFI)	1 Aug (RB)	
Ruby Tiger					30 Jul				19 Jul							
The Snout - <i>Hypena proboscidalis</i>													20 Sep			
White Ermine Moth	Y					6 Aug										
<b>Tortricidae</b>	<b>1978</b>	<b>Notes</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	
<i>Cnephasia asseclana</i>		Flax Tortrix moth											31 May (RB)			
<i>Cnephasia</i> sp							12 Aug									
<i>Acleris forsskaleana</i>									11 July							
<i>Cnephasia longana</i>							12 Aug									
<i>Grapholita internana</i>		Gorse		10 Jun												
Green Oak Tortrix									19 Jul				2 June (RH)		16 June (RB)	
Large Fruit Tree Tortrix Moth		On trees				14 May		30 Apr				31 May		19 May (TFI)		
<i>Pammene aurana</i> , Orange Spot Piercer						19 Jun						23 Jun	20 June (TFI)	3 July (TFI)		
<i>Pammene spiniana</i>						16 Jun										
Small Spruce Bell, <i>Epinotia nanana</i>										18 July						
White Cloaked Shoot, <i>Gypsonoma sociana</i>													12 July (TFI)			
<b>Crambidae</b>	<b>1978</b>	<b>Notes</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>			
<i>Anania lancealis</i>									8 Aug							
Box Tree Moth, <i>Cydalima perspectalis</i>											22 July		12 Sept		28 June (TFI)	

Dark-inlaid Grass Veneer, <i>Crambus lathoniellus</i>										1 June					1 June (TFI)	
Dusky Pearl moth, <i>Udea prunalis</i>														9 June (TFI)		
Elbow-stripe Grass-veneer, <i>Agriphila geniculea</i>														24 Aug (TFI)	21 Aug (TFI)	27 Aug (TFI)
Garden Grass Veneer Moth						7 Jun								3 June (SB)		5 Aug (TFI)
Grass Moth, <i>Agriphila straminella</i>		July/Aug				8 Aug					17 July			2 Aug (TFI)	9 Aug (TFI)	
Grass Veneer Moth											17 July					
Hook Streak Grass Veneer, <i>Crambus lathoniellus</i>													10 June		5 July (TFI)	
Inlaid Grass Veneer, <i>Crambus pascuella</i>														27 Aug (TFI)		
Platytes cerussella										19 July						
Scoparia ambigua									7 July							
Small Magpie	Y					30 Jul										
Straw Grass Veneer moth, <i>Agriphila straminella</i>															10 July (TFI)	19 July (TFI)
Yellow Satin Grass Veneer										15 Jul	30 May			25 Aug (TFI)		13 Aug (TFI)
<b>Noctuidae</b>		<b>Notes</b>												<b>2022</b>		
Antler Moth									Jul							
The Clay Moth						30 Jul										
Coronet Moth										11 Jul					16 July (TFI)	
Double Square Spot Moth										11 Jul						
Dun-bar Moth										19 Jul						
Dusky Brocade Moth - <i>Apamea remissa</i> , var. <i>obtusa</i>														27 June (TFI)	17 May (RB)	
Flame-shoulder Moth										19 Jul						
Green Brindled Crescent												28 Oct				
Hebrew Character Moth	Y					12 Jun										
Knot Grass Moth										21 May						
Large Yellow Underwing													27 April	13 Sept (TFI)		
Lunar-spotted Pinion moth, <i>Cosmia pyralina</i>																11 Aug (TFI)
Marbled Minor Moth	Y								23 Jun							
Mottled Rustic, <i>Caradrina morpheus</i>													30 Sep		3 Oct (TFI)	
Small Quaker Moth	Y				6 Jun											
Small Square-spot, <i>Diarsia rubi</i>															3 Oct (TFI)	
Southern Brindled Moth										16 Jun						
Silver Y Moth	Y				14 Aug								20 May			15 May (TFI)
Small Yellow Underwing		First seen in 2021											20 May	12 May (SB)		
Square-spotted Clay										18 July						
Square-spot Rustic, <i>Xestia xanthographa</i>														13 Sept (TFI)		
The Rustic - <i>Hoplodrina blanda</i>													9 Sept	17 Aug (TFI)	17 Aug (TFI)	
<b>Geometridae</b>	<b>1978</b>	<b>Notes</b>		<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>
Blue Bordered Carpet Moth		<i>Plemyria rubiginata</i>											12 July			
Brimstone Moth	Y	<i>Opisthograptis luteolata</i>			14 Aug	14 Aug								21 July (HG)		
Brown Silverline Moth		<i>Petrophora chlorosata</i>											19 June			
Common Carpet Moth		<i>Epirrhoe alternata</i>											12 June			
Common Marbled Carpet Moth		<i>Dysstroma truncata</i>											6 June			
Common White Wave		<i>Cabera pusaria</i>										12 July				
Cream Wave		<i>Scopula floslactata</i>								11 Jul		23 May		17 May (SB)		
Dwarf Cream Wave		<i>Idaea fuscovenosa</i>								11 July						9 May (TFI)
Engrailed Moth	Y	<i>Ectropis crepuscularia</i>			20 Aug											
Geometer Moth or Inchworm		<i>Geometridae sp</i>											6 Sept			
Grass Rivulet		<i>Perizoma albulata</i>								27 May						

July Highflier	Y	<i>Hydriomena furcata</i>						30 Jul			19 Jul					
Lace Border Moth		<i>Scopula ornata</i>			20 Jun											
Large Emerald Moth	Y	<i>Geometra papilionaria</i>			13 Jul											
Least Carpet Moth		<i>Idaea rusticata</i>											14 July (TFI)	23 July (TFI)		
Little Emerald		<i>Jodis lactearia</i>								11 July						
Mottled Grey, <i>Colostygia multistrigaria</i>															19 May (TFI)	
Mottled Umber		<i>Erannis defoliaria</i>						29 Aug								
Northern Winter Moth		<i>Operophtera fagata (male)</i>										3 Dec				
November Moth		<i>Epirrita dilutata</i>											14 Dec			
Old Lady		<i>Mormo maura</i>										12 Sept				
Orange Underwing	Y	<i>Archiearis parthenias</i>						24 Apr								
Pale Brindled Beauty		<i>Phigalia pilosaria</i>												13 May (TFI)		
Pale Oak Beauty	Y	<i>Hypomecis punctinalis</i>							20 Jun				9 Sept	13 July (TFI)		
Phoenix Moth		<i>Eulithis prunata</i>							17 Jul							
Riband Wave	Y	<i>Idaea aversata</i>						30 Jul								
Scalloped Oak Moth		<i>Crocallis elinguaris</i>								24 July			9 June			
Scorched Carpet Moth		<i>Ligdia adustata</i>									24 May				15 Aug (TFI)	
Single Dotted Wave		<i>Idaea dimidiata</i>											19 June			
Small Fan-footed Wave		<i>Idaea biselata</i>								11 July				16 July (TFI)		16 Aug (RB)
Small Grass Emerald			6/7/06													
Small White Wave	Y	<i>Asthenes albulata</i>							16 Aug							
The Seraphim		<i>Lobophora halterata</i>														15 Aug (TFI)
The Streamer		<i>Anticlea derivata</i>												12 Apr (TFI)		
Treble Brown Spot Moth		<i>Idaea trigeminata</i>							20 Jun						30 June (TFI)	
White Pinion Spotted Moth	Y	<i>Lomographa bimaculata</i>			24 Jun											
White-spotted Pug, <i>Eupithecia tripunctaria</i>														21 July (TFI)		
Willow Beauty, <i>Peribatodes rhomboidaria</i>														6 Aug (TFI)	2 July (TFL)	18 Aug (TFI)
Winter Moth, <i>Operophtera brumata (larva)</i>																12 May (TFI)
Winter Moth, <i>Operophtera brumata (female)</i>																3 Sept (RB)
Yellow Shell			6 Jul													18 Sept (TFI)
<b>Zygaenidae</b>	<b>1978</b>	<b>Notes</b>		<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
Burnett Moth - 6 spot				4 Jul	12 Jul	22 Jul				11 Jul		20 July	26 July		23 July (RB)	17 July (RB)
Burnet Moth - 5 spot	Y	(Narrow Bordered)		15 Jul												
<b>Pterophoridae</b>	<b>1978</b>	<b>Notes</b>		<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
Beautiful Plume, <i>Amblyptilia acanthadactyla</i>													24 Sept	24 Aug (TFI)	6 Sept (TFI)	
Common Plume Moth				14 Mar											11 Apr (TFI)	
Large White Plume Moth								3 Jul								19 June (VB)
Spotted White Plume Moth		<i>Pterophorus galactodactyla</i>								19 Jul				9 Aug (TFI)		
<b>Gracillariidae</b>	<b>1978</b>	<b>Notes</b>		<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
Gold-bent Midget Moth, <i>Phyllonorycter roboris</i>																19 Aug (TFI)
Golden Apple Slender, <i>Callisto denticulella</i> ,																6 July (TFI)
Nut Leaf Blister Moth, <i>Phyllonorycter coryli</i>										26 June				27 Aug (TFI)	8 Oct (TFI)	
Western Midget, <i>Phyllonorycter muelleriella</i>																7 Aug (TFI)
<b>Other Moths</b>	<b>1978</b>	<b>Notes</b>		<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	
Acrocercops brongniardella, (Leaf Mine)										18 June						
Alabonia geoffrella										20 May						
Ash Bud Moth										23 May						
Bagworm Moth Larval Case																5 Jun (TFI)

Bee Moth, <i>Aphomia sociella</i>																			28 June (TFI)
Common Oak Purple Moth				15 Oct															
Degeers Longhorn Moth				16 Jun				4 Jun										9 June (HG)	2 June (SB)
Diurnea fagella, March dagger moth		Larva hanging from tree																12 May (SB)	
Ectoedemia albifasciella								2 Sept											
Elephant Hawk Moth, <i>Deilephila elpenor</i>		Caterpillar only so far																27 Aug	
Esperia sulphurella																			
Four Spotted Obscure, <i>Oegoconia quadripuncta</i> agg																			4 July (TFI)
Ghost Moth	Y							23 May											5 May (TFI) larv
Green Silver-lines Moth	Y				30 Apr														
Hawthorn Moth								11 Aug											
Hazel Slender, <i>Paronix devoniella</i>																			22 Oct (TFII)
Hogweed Leaf Miner														1 July					
Hummingbird Hawkmoth		First seen in 2020																	2 July
Leaf Miner, <i>Stigmella basigutella</i> (mine)														13 July					
Brassy Long-horn Moth, <i>Nemophora metallica</i>									17 Jul										
Meadow Long-horn Moth, <i>Cauchas rufimitrella</i>				6 May	8 Jun														29 May
Nettle Tap Moth, <i>Anthophila fabriciana</i>					10 Jun														21 May (TFI)
Oak Micromoth																			6 Sept
Orchard Ermine Moth, <i>Yponomeuta padella</i>																			9 June (TFI)
Parsnip Moth, <i>Depressaria radiella</i>																			7 June
Pointed Groundling Moth, <i>Scrobipalpa acuminatella</i>																			10 July (TFI)
Rose Flounced Tabby																			11 July
Spruce argent, <i>Argyresthia glabratella</i>																			28 June (TFI)
Tischeria ekebladella																			19 July
Woundwort Case Bearer, <i>Coleophora lineolea</i>																			4 July (TFI)