

## 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 - Valerie Baldry (VB), Daniel Bound (DB), Steve Budd (SB), Ruth Budd (RB), Connor Church (CC), Chris Green (CG), Tony Flecchia (TFI), Rosalyn Heaton (RH), Frank Kippin (FK), Lauren LeMasurier (LL), Lucina Offer (LO) and Nicola Webster (NW). 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	2025
Brimstone	Y			30 Apr	6 Aug	8 Jun				26 Mar		24 Mar	19 Mar	9 Feb (SB)	24 Mar (RB)	14 Mar (RB)	9 Mar (NW)
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)	4 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)	10 May (RB)
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)	7 Apr (f) (SB)
Small White	Y			30 Apr	1 Jun			4 Aug				1 Jul	17 July	19 May (RB)	14 May (DB)	4 May (TFI)	
<b>Brush Foot Butterflies</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>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>		<b>2025</b>
Comma	Y		19/7/11	22 May	16 May					5 May		22 Mar	19 Mar	15 Mar (RB)	3 Apr (CC)	16 Mar (RB)	6 Mar (SB)
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)	3 May (TFI)
Peacock	Y			30 Apr	7 Aug	26 Jun				14 Apr		24 Mar	25 Mar	15 Mar (RB)	4 Apr (LL)	16 Mar (RB)	9 Mar (NW)
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)	4 Apr (DB)
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)	13 June (RB)
Small Tortoiseshell	Y				23 Aug	10 Jun	22 May			5 Apr		19 Jun		23 Mar (RB)	4 Apr (DB)		8 Mar (TFI)
White Admiral	Y		1/7/11	28 Jun								6 July	8 July	16 June (RB)	26 June (DB)	29 June (RB) *	
<b>Browns and Ringlets</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>			
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) *	11 June (RB)
Meadow Brown	Y			12 Jul	27 Jul		1 Jul					7 Jun	13 Jun	3 June (RB)	7 June (RB)	12 June (RB)	29 May (RB)
Small Heath	Y			28 Jun	18 Jun						31 May	27 Jun	13 Jun	19 May (RB)	14 June (DB)	12 June (RB)	28 Apr (RB)
Speckled Wood	Y			28 Jun	31 May					1 May		23 Apr	7 May	13 Apr (RB)	30 Apr (RB)	15 Apr (RB)	4 Apr (DB)
Ringlet	Y			21 Jul								28 Jun	4 July	19 June	26 June (DB)	19 Apr (TFI)	
<b>Blues, Hairstreaks &amp; Coppers</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>			
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)	2 May (DB)
Small Blue		Seen on the BB													16 June (RB)	23 May (RB)		17 May (RB)
Green Hairstreak																		12 May (RB)
Holly Blue	Y			2 Jun					13 Apr	5 May			6 July	9 May	15 Apr (RB)	28 Apr (RB)	13 Apr (TFI)	17 Apr (SB)
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)	2 May (DB)
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)		7 May (RB)
Large Skipper	Y			30 Jul	12 Jul							23 Jun	23 Jun	11 June (RB)	19 June (DB)	29 June (RB) *	29 May (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, Stigmella atricapitella																28 May (TFI)		
Golden Pigmy, Stigmella aurella – leaf mine													21 Sept	9 Feb (TFI)	9 Aug (TFI)			11 Apr (TFI)
Coarse Hazel Pigmy, Stigmella floslactella																1 Aug (TFI)		
Scarce Maple Pigmy Moth, Stigmella aceris																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, Eilema depressa													3 Aug					
Burnet Companion Moth				29 May	1 Jun						6 June		31 May	21 May (SB)	27 May (RB)	21 May (RB)	12 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, Euclidia mi														19 May (SB)	17 June (HG)		2 May (RB)	
Pale Tussock Moth Larva, Calliteara pudibunda															1 Oct (TFo)			
Rosy Footman Moth, Miltochrista miniata															16 Aug (TFI)	1 Aug (RB)		
Ruby Tiger						30 Jul			19 Jul									
The Snout - Hypena proboscidalis													20 Sep					
White Ermine Moth	Y					6 Aug												
Yellow Tail Moth, Euproctis similis																		4 June (TFI)
<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>	
Cnephasia asseclana		Flax Tortrix moth												31 May (RB)				
Cnephasia sp								12 Aug										
Acleris forsskaleana										11 July								
Cnephasia longana								12 Aug										
Grapholita internana		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)			
Pammene aurana, Orange Spot Piercer							19 Jun						23 Jun	20 June (TFI)	3 July (TFI)			
Pammene spiniana							16 Jun											
Small Spruce Bell, Epinotia nanana											18 July							
White Cloaked Shoot, Gypsonoma sociana														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>				

Anania lancealis										8 Aug							
Box Tree Moth, Cydalima perspectalis.											22 July		12 Sept			28 June (TFI)	
Dark-inlaid Grass Veneer, Crambus lathoniellus										1 June						1 June (TFI)	
Dusky Pearl moth, Udea prunalis														9 June (TFI)			
Elbow-stripe Grass-veneer, Agriphila geniculea														24 Aug (TFI)	21 Aug (TFI)	27 Aug (TFI)	
Garden Grass Veneer Moth							7 Jun							3 June (SB)		5 Aug (TFI)	
Grass Moth, Agriphila straminella		July/Aug					8 Aug					17 July		2 Aug (TFI)	9 Aug (TFI)		
Grass Veneer Moth												17 July					
Hook Streak Grass Veneer, Crambus lathoniellus														10 June		5 July (TFI)	
Inlaid Grass Veneer, Crambus pascuella														27 Aug (TFI)			
Platytes cerussella										19 July							
Scoparia ambigualis									7 July								
Small Magpie	Y					30 Jul											
Straw Grass Veneer moth, Agriphila straminella															10 July (TFI)	19 July (TFI)	
Yellow Satin Grass Veneer										15 Jul		30 May		25 Aug (TFI)		13 Aug (TFI)	
Noctuidae		Notes												2022			
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 - Apamea remissa, var. obtusa														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, Cosmia pyralina																11 Aug (TFI)	
Marbled Minor Moth	Y								23 Jun								
Mottled Rustic, Caradrina morpheus													30 Sep		3 Oct (TFI)		
Satellite Moth, Eupsilia transversa																	12 May (RB)
Small Quaker Moth	Y				6 Jun												19 Mar (RB)
Small Square-spot, Diarsia rubi															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)			2 May (LO)
Square-spotted Clay											18 July						
Square-spot Rustic, Xestia xanthographa														13 Sept (TFI)			
The Rustic - Hoplodrina blanda													9 Sept	17 Aug (TFI)	17 Aug (TFI)		
Geometridae	1978	Notes		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Blue Bordered Carpet Moth		Plemyria rubiginata											12 July				
Brimstone Moth	Y	Opisthograptis luteolata			14 Aug	14 Aug								21 July (HG)			
Brown Silverline Moth		Petrophora chlorosata											19 June				31 May (TFI)
Common Carpet Moth		Epirrhoe alternata											12 June				
Common Marbled Carpet Moth		Dysstroma truncata											6 June				
Common White Wave		Cabera pusaria										12 July					13 June (RB)
Cream Wave		Scopula floslactata								11 Jul		23 May		17 May (SB)			16 May (LO)
Dwarf Cream Wave		Idaea fuscovenosa								11 July						9 May (TFI)	

Engrailed Moth	Y	<i>Ectropis crepuscularia</i>		20 Aug													
Geometer Moth or Inchworm		<i>Geometridae</i> sp									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)			
Light Emerald Moth,		<i>Campaea margaritaria</i>															24 May (HG)
Little Emerald		<i>Jodis lactearia</i>								11 July							
Mottled Grey, Colostygia multistrigaria														19 May (TFI)			
Mottled Umber		<i>Erannis defoliaria</i>				29 Aug											
Northern Winter Moth		<i>Operophtera fagata</i> (male)									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 Hazel Moth,		<i>Odontopera bidentata</i>															11 May (CG)
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>Asthena albulata</i>				16 Aug											
Speckled Yellow		<i>Pseudopanthera macularia</i>															2 May (LO)
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, Eupithecia tripunctaria													21 July (TFI)				
Willow Beauty, Peribatodes rhomboidaria													6 Aug (TFI)	2 July (TFL)	18 Aug (TFI)		
Winter Moth, Operophtera brumata (larva)															12 May (TFI)		
Winter Moth, Operophtera brumata (female)															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>		<b>2025</b>
Burnett Moth - 6 spot				4 Jul	12 Jul	22 Jul				11 Jul		20 July	26 July		23 July (RB)	17 July (RB)	
Burnett 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>	<b>2024</b>	<b>2025</b>
Beautiful Plume, Amblyptilia acanthadactyla													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>		<b>2025</b>
Gold-bent Midget Moth, Phyllonorycter roboris															19 Aug (TFI)		
Golden Apple Slender, Callisto denticulella,															6 July (TFI)		
Nut Leaf Blister Moth, Phyllonorycter coryli										26 June				27 Aug (TFI)	8 Oct (TFI)		

Western Midget, Phyllonorycter muelleriella															7 Aug (TFI)		
Other Moths	1978	Notes		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Acrocercops brongniardella, (Leaf Mine)										18 June							
Alabonia geoffrella										20 May							
Ash Bud Moth										23 May							
Bagworm Moth Larval Case																5 Jun (TFI)	
Bee Moth, Aphomia sociella															28 June (TFI)		
Brassy Long-horn Moth, Nemophora metallica							17 Jul										2 May (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, Deilephila elpenor		Caterpillar only so far											27 Aug				
Esperia sulphurella										13 May							
Four Spotted Obscure, Oegoconia quadripuncta 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, Paronix devoniella														22 Oct (TFII)			
Hogweed Leaf Miner										1 July							
Hummingbird Hawkmoth		First seen in 2020										2 July					
Leaf Miner, Stigmella basigutella (mine)									13 July								
Meadow Long-horn Moth, Cauchas rufimitrella			6 May	8 Jun									29 May	21 May (TFI)		13 Apr (TFI)	30 Apr (TFI)
Nettle Tap Moth, Anthophila fabriciana				10 Jun									6 Sept	9 June (TFI)			
Oak Micromoth										15 May							
Orchard Ermine Moth, Yponomeuta padella															15 June (TFI)		
Parsnip Moth, Depressaria radiella													7 June				
Pointed Groundling Moth, Scrobipalpa acuminatella															10 July (TFI)		
Rose Flounced Tabby										11 July							
Spruce argent, Argyresthia glabratella															28 June (TFI)		
Tischeria ekebladella										19 July							
Woundwort Case Bearer, Coleophora lineolea																4 July (TFI)	