



Westleton Common Annual Report 2019



1st January 2020 – photo by Jane Farrell

WESTLETON COMMON ANNUAL REPORT 2019

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Annual Report 2019 – Chairman’s Review

Before beginning to write this Review of 2019 I glanced at what I had written in my Review of 2018. There I found record high temperatures, grass baked brown and scorched heather and I was tempted to write, “More of the same: For 2019 see 2018.” However, in 2019 we have been spared a Beast from the East and a Storm Emma.



Scorched Heather – Roy Jones

During the 18 months since Juliet Bullimore retired from the task of putting this Report together, having done it for six years, we have not been able to find a volunteer to take her place. Last year the Report was compiled by a “committee” and most of the people involved also had other duties elsewhere. The continuing lack of a volunteer means that the same situation prevails this year. We are particularly grateful to John Bebbington who drew the Report together last year and is doing that job again this year despite now also being the Webmaster and Secretary of the Common Advisory Group.

We urgently need a volunteer to take over this task. There must surely be one or two people out there who have a keen interest in the natural environment and enjoy what the Common has to offer who would be interested in joining the Advisory Group with a view to becoming the manager of the Annual Report.

During the past year the nature walks and the work parties have been well supported, being administered and organised by Juliet and David Rous. As we approach the end of 2019 we are again indebted to our “permanent volunteers” (would that we could find another like them), Pam and Alan Hargreaves for organising the mid-morning refreshments for the work parties. Regular walkers of the Common will know that the Black Slough steps have been renovated and an additional handrail has been installed.

Last year I reported that we had engaged “a man with a drone” to take a series of aerial photographs of the Common and it is very satisfying to report that these pictures have been

very useful in the planning of the work programmes and also in discussions with Natural England about the management of the Common.

Information Board

Undoubtedly the most exciting thing to happen in 2019 has been the installation of the information board **Westleton Pebbles**. This very attractive display panel has been funded by the **Suffolk Naturalists Society**. It was designed by **Geo Suffolk** who also delivered and installed it. What a valuable contribution this is to our understanding of the geology of the Common. The panel encourages the viewer to investigate the large rounded cobbles which underlie Westleton that were laid down by the sea 1.5 to 2 million years ago.



The cobbles have been an object of scientific study since the mid-19th century and in 1871 they were named the “Westleton Sands and Shingles” They present an unique landscape (including some of the highest sea cliffs in Suffolk). In 2011 GeoSuffolk designated the Common a Geodiversity site and has contributed to its management since then.

Download the Panel at – <http://geosuffolk.co.uk/index.php/geology-and-sites>. There you will find leaflets and scholarly articles about the Westleton Pebbles and other interesting features of Suffolk’s coastal geology. On several occasions in the past whilst writing these annual reviews I have referred to the frequent Press articles which inform us of the benefits to our well-being of getting out and about into the countryside, into the green environment and how valuable Westleton Common is in this respect. Now we can also use it as a starting point to get into the not-so-green environment - the Pebbles, the London Clay, the Red Crag and other features of Suffolk’s geology. We would welcome contributions from residents to this Annual Review.

In closing , I would stress that we urgently need another volunteer to assist in the production of this Annual Report and I should be pleased to discuss the implications of joining the team with anyone who might be interested.

Roy Jones, Chairman Westleton Common Advisory Group

January 2020

Westleton Common Advisory Group 2019

Roy Jones

Chairman

Cllr WPC

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Roy Swindell

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Work Party Leader

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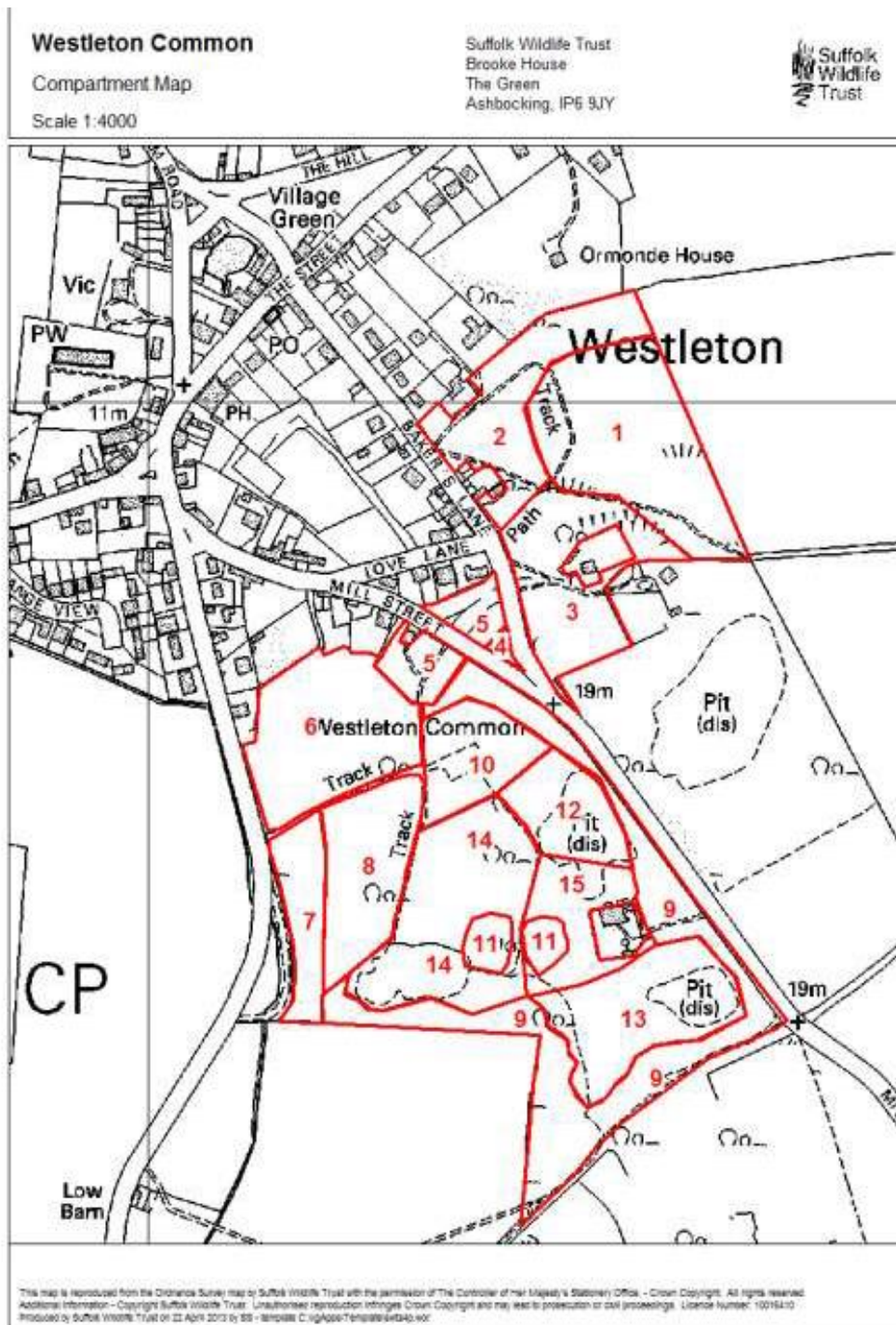
Cllr WPC

Nick Shearme

Bonfire Group Chair

Cllr WPC

Westleton Common; Compartment Plan



WESTLETON COMMON PROGRAMME 2019

WORKING PARTIES

10am - 12.30pm

Meet at the Container opposite the Common Noticeboard
on the right at the top of Mill St

Saturday January 19th
Saturday February 16th
Saturday March 16th
Saturday September 15th
Saturday October 19th
Saturday November 16th

Refreshments provided, bring your own gloves

~

NATURE WALKS

We are again having a series of informal walks/strolls covering each season
on the Common. We hope to have expert naturalists accompanying us on each occasion.

10.30am to 12 noon (approx)

starting at the Container
opposite the Common Noticeboard
on the right at the top of Mill St

Saturday February 23rd
Saturday April 6th
Saturday May 18th
Saturday June 29th
Saturday August 31st
Saturday November 2nd

~

A Railway Carriage by the Common!

First time visitors to Westleton Common will be surprised and intrigued to see a vintage railway carriage neighbouring the Mill Street entrance. It belongs to Tony and Anne Ingram of The Cleeves and it stands on land in private ownership outside the defined Westleton Common. The following is an article by Tony relating the history of the carriage.

'The Carriage next to the Common.'

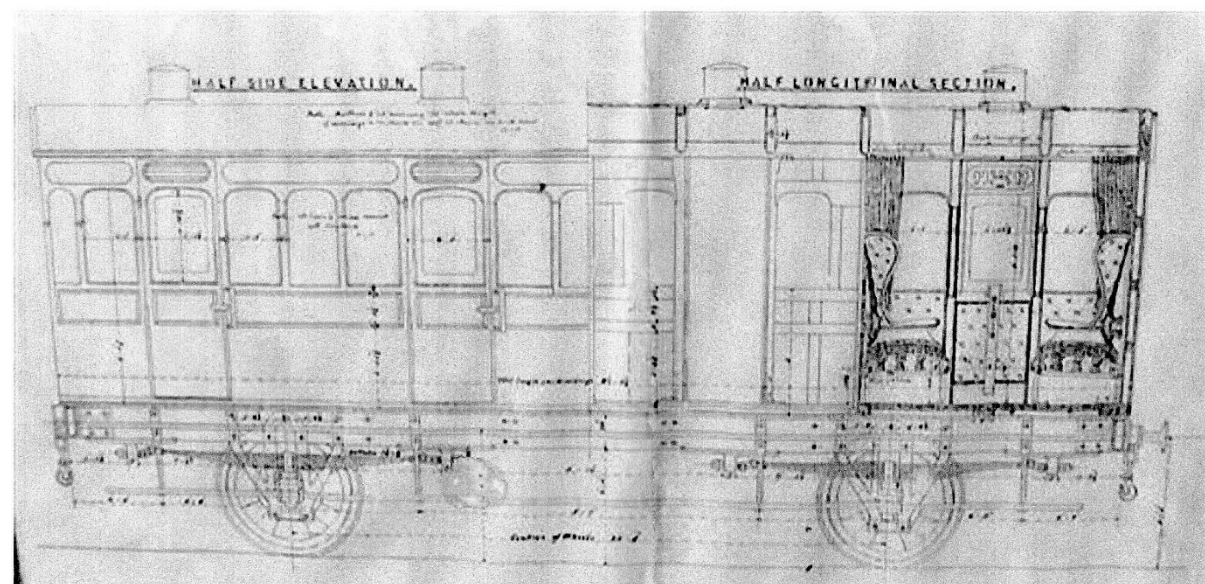
Tucked away at the top of Mill St on the western edge of the Common lies an old railway carriage. This Carriage and Buildings and the surrounding land has been well-documented as part of The Cleeves Freehold for about 100 years. Both the carriage and the land that surrounds it have historically been, and continue to remain, in private ownership.



The carriage around 2000 coated in black bitumastic.

The Carriage itself is considerably over 100 years old. It was built as a 24' 4' GER four-compartment First Class built by the Metropolitan Railway Carriage & Wagon Co. at Joseph Wright's Saltley Works in Birmingham probably between 1882 and 1884.

In addition to having built rolling stock for practically all the home railways, Joseph Wright successfully completed contracts for Egypt, Sweden, Norway, Denmark, Holland, Spain, Italy, South America, India and Australia. Much of it of the very highest class and described as being "considered marvels of skilful construction and tasteful decoration". Interestingly, as early as 1858, the firm, to meet the wants of railway companies, colliery owners and others, adopted the system of leasing wagons and had no fewer than 1300 wagons at work upon the various railways.

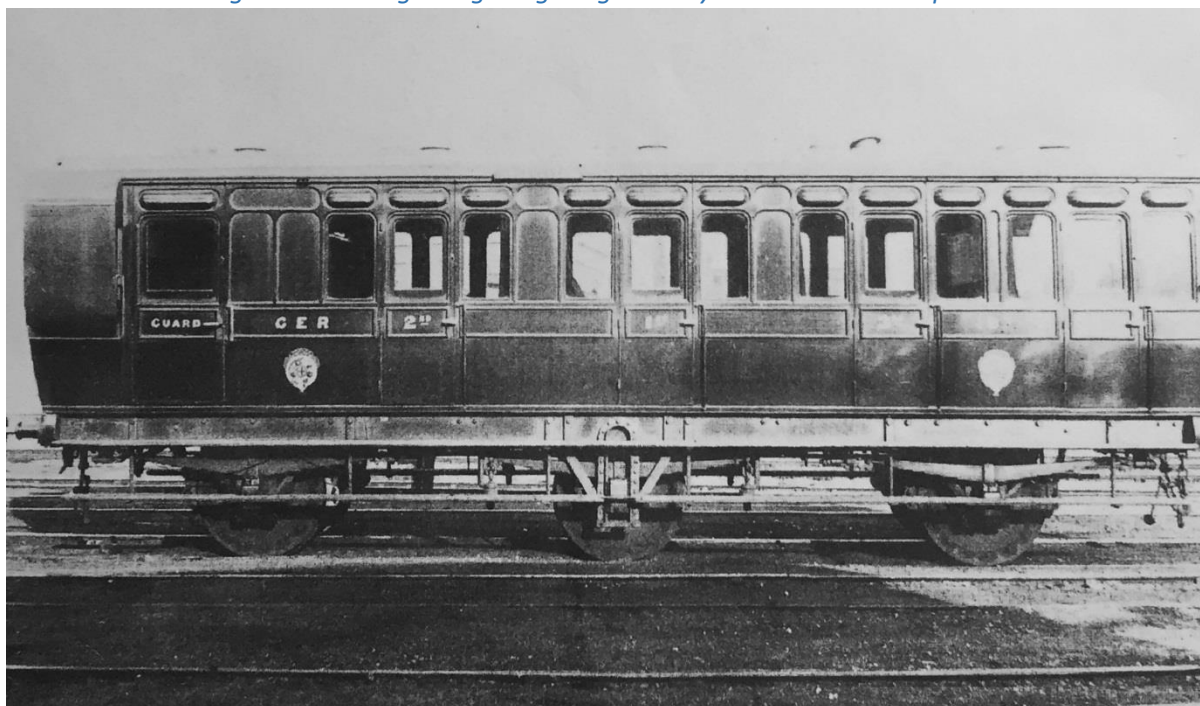


The Blueprint of a very similar carriage of four compartment construction. Note the quality of interior finish.

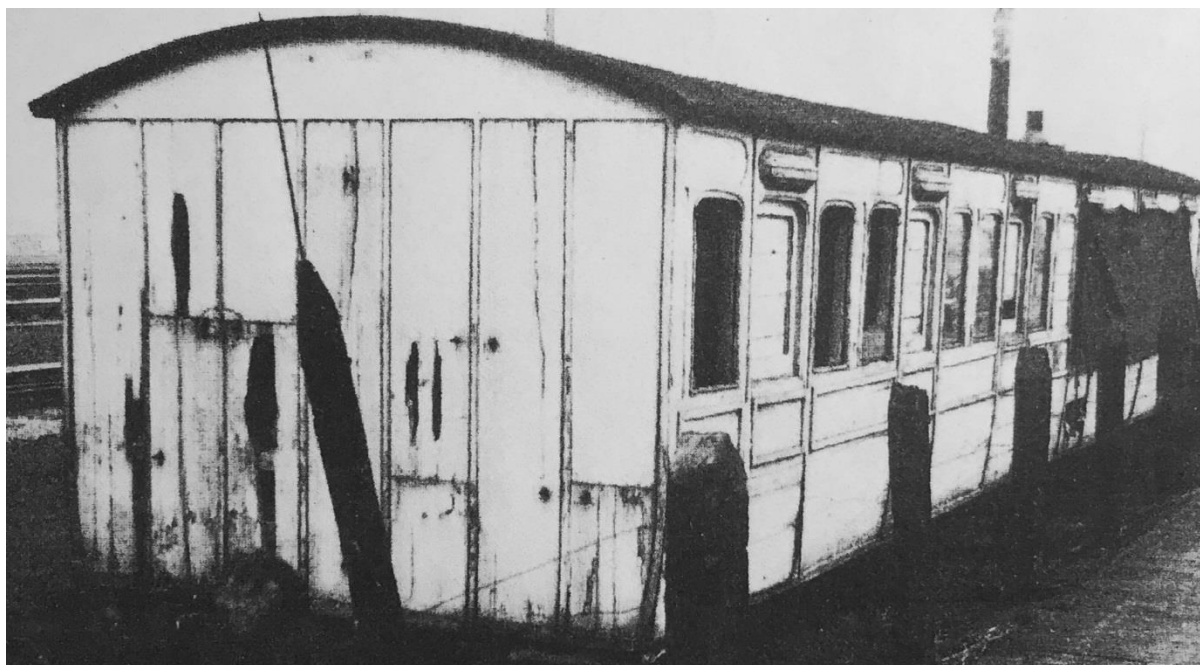
This Carriage is no. 228F (for First Class) for mainline use and was probably withdrawn from service around 1895. Perhaps it became obsolete because of its sturdy, but weighty construction.

Known as a Worsdell Type 3B, it features the reintroduction of a recessed eaves panel. To the uninformed eye, this was a reversion to a design first introduced in 1867, but it was now applied in conjunction with an improved interior height. Thomas Worsdall, Superintendent of Works replaced Massey Bromley who had been discovered defrauding the Company with the collusion of the Stores Supervisor.

Automated Westinghouse braking and gas-lighting were by this time commonplace.



A slightly later longer-bodied Worsdell Type 4 (c.1886) featuring higher squarer door heads plus end turn-unders.



A dilapidated longer-bodied Worsdell Type 3B

Its not clear (yet) where the carriage ran on GER lines, but a similar carriage (apparently built to collect mail) acted as ticketing office and waiting room at Thorpeness Halt around the First World War. Thorpeness Halt opened on 29th July 1914 to serve the newly developed resort, but the distance between Station and Resort plus the War put paid to much traffic.



Thorpeness Halt and 'grounded' Worsdell Carriages (see detail of mail delivery equipment).



Thorpeness Halt and 'grounded' Worsdell Carriages and detail of mail delivery equipment.

Since our carriages relocation here sometime around or shortly after the beginning of C20, it has been used for a variety of domestic purposes including as a home for a returning First World War soldier.



The carriage just outside the edge of the quarry c. 1950's



Our carriage is now undergoing stabilising, and limited restoration and alteration reference relevant planning and building regulation approvals as a studio/ workshop and other residential related uses.

Tony Ingram
The Cleeves
07909 961350

References and huge thanks to:

Suffolks Railways, Dennis Cross
Great Eastern Journal
East Suffolk Railway, John Brodribb



Additional photographs by Roy Jones

New Year's Day Bonfire and Fireworks

(notes prepared in conjunction with Nick Shearme, Chairman of Westleton Bonfire Committee)

January 1st 2019 saw Westleton welcome the New Year with its, now, traditional bonfire and firework display.

Nick Shearme writes;

It was another excellent bonfire and fireworks on Westleton Common this New Year's Day and thanks to all who came to support it. There was a great atmosphere in the Village Hall both before and after the fireworks. Our gratitude to the Fireworks Committee for organising the evening, to Warrior Fire and Rescue Services who kept us safe during the event, and to the volunteers spent their New Year's Day afternoon and evening manning the Common and the Village Hall. A special thanks to Nat Bacon of Theberton Hall Farm for his contribution to the bonfire, and to John French for his excellent mulled wine and bacon butties on the evening. The crowd was generous with its donations and the 50/50 draw was won by Michael Dukes and Belle Bulwinkle who generously donated their winnings to next year's fund. Make a note in your diary for next January 1st and come along to enjoy and support this great village event.



Photo by Jane Farrell

Astronomy

Westleton Village Hall was closed for refurbishment during much of 2019. When the hall was available DASH Astro (Darsham And Surrounding Hamlets Astronomical Society) held their meetings there and, when appropriate, relocated to Westleton Common, which has “dark sky” status. As the hall was unavailable, they did not use the common during 2019.

An email from their secretary, Jim Slight, follows.

Hi John

Due to the prolonged closure of the hall, we have now relocated back to our ancestral roots at Darsham, so feel it would be inappropriate to offer anything for this year's annual report.

I'd like to take the opportunity to thank you, for all your help during our stay, and hope if ever we needed a refuge in the future, we would be able to use the hall once again.

Again, thank you for all your help.

Jim Slight

DASH Astro Secretary.

Additional comments sent by Jim Slight;

Hi John

Just to say as far as observing on the common went, we had a successful few observing sessions on the common, in the first half of the year, and we're grateful to the work parties for keeping the access and viewing area clear, which is a must when observing in the dark,,,

Thanks again for all your personal assistance.

Jim Slight

DASH Astro Secretary.

Working Parties

David Rous led all the working parties.

Working Party Saturday 19/01/2019

Area worked – Edge of “football field” adjacent to path leading to “Garden End” and “The Oaks”. Clear gorse and some silver birch. Other silver birch left in place, some with height reduced to give a sloping perspective from heather area on old football field (sector 2).

Number of workers – 14. Pam and Alan Hargreaves prepared refreshments.



Before



After

Working Party Saturday 16/02/2019

Area worked – Below Ralphs Mill adjacent to main path (sector 14). Gorse clearance and burning plus burning of gorse waste cleared by Community Pay-Back team a few days previously.

Burning done on patch of sand below the sandbank.

Number of workers – 7. Juliet Bullimore and Ann Bebbington prepared refreshments.



Before



After



"Tea" Break

Working Party Saturday 16/03/2019

Work done; Collected litter and rubbish from Reckford Road layby.

Cut back vegetation at rear of Mill Street parking area and paths leading to Noddle (sector 6) and an onto "main" common (sector 10).

Cut back vegetation on track leading from Reckford Road onto common and on path leading to wild-flower area behind Reckford Road layby (sector 7).

Clear gorse, brambles, saplings and other scrub to clear grass in wildflower area (sector 7).

Number of workers - 10. Juliet Bullimore prepared refreshments.



Litter example



Clearing Wild-Flower Area



Wild-Flower Area after clearing

Working Party Saturday 01/06/2019

Work done; Bracken cutting and pulling on bank in sector 10.

Number of workers - 9.



Before



After



Resting

Working Party Saturday 21/09/2019

Area done – sector 6 immediately to the south of the concrete pad. Gorse cutting – cut to aid regeneration rather than to clear. So, cut to about 30 cm from ground.

Number of workers = 8. Juliet Bullimore prepared refreshments.

Photo shows waste material collected on concrete pad – pad was empty at the start of the session.



Before



After



Waste collected

Working Party Saturday 19/10/2019

Area worked - To left of grass path leading from the right of the concrete base in front of sand bank (sector 10). Cleared gorse and silver birch. Cut material stored near path for later collection by bonfire builders.

Area was clear at start of work – photo shows waste material collected.

Leaf litter swept under residual gorse for fungal development.

Larger and older gorse stumps left *in situ* for fungal development.

Number of workers = 10. Pam and Alan Hargreaves prepared refreshments.



Before



After



Waste collected

Working Party Saturday 16/11/2019

Area worked – gorse and birch cutting to right of grass path just beyond lane to Reckford Road (sector 8).

Number of workers – 8. Pam and Alan Hargreaves prepared refreshments.



Before



After

The help given by the **Community Pay-Back** teams during the year was invaluable.

They made several visits during the year clearing gorse and scrub on several areas and enabled the maintenance programme to be kept a little ahead of schedule.

Nature Walks and Other Observations

Nature walks, all led by David Rous, took place on Saturday February 23rd, Saturday April 6th, Saturday May 18th, Saturday June 29th, Saturday August 31st and Saturday November 2nd. These photographs were taken by Juliet Bullimore.



February 23rd - Chestnut tree, after the clearance on the west side of the north Common (Old Football Field, Sector 1)



April 6th - Blackthorn



May 18th - my first photo of a nightingale (but not a particularly good photo)

Fungi.

Report by Neil Mahler.

Having not studied the production of fungal fruiting bodies at Westleton Common before, I have to say the amount of the well-known Fly Agaric (*Amanita muscaria*) fungi visible this year was nothing short of phenomenal ! When I made a visit last October 28 (2019), they seemed to be everywhere, at all stages of growth and exceptionally large as well - there could well have been around 2,000 bright red fruiting bodies showing - ranging from just bursting out of their white sac to falling over having shed all their spores.

Not only that, but they seemed to be growing where they should not be growing - right amongst gorse or where gorse had been removed. The truth of course is that Fly Agarics are mycorrhizal with Birch trees and also Pine, and the roots of Birch will probably remain intact long after it has been cut down and continue to exchange nutrients with the fungus. The fungus makes water available for the roots and also minerals, in return, the fungus receives sugars and simple carbohydrates, but hold on - are not the sugars produced by the sun's reaction with the chlorophyll in the leaves ?

I am no academic and know even less about the biology of fungi, but the late Michael Kirby raised this 'anomaly' with me about 12 years ago when he asked if I knew why The Deceiver (*Laccaria laccata*) were still growing long after the Birch trees had been removed from that part of the common. Perhaps Birch trees accumulate large amounts of sugar in their roots? Hopefully, some wise 'Westletonian' will be able to explain it all to me.

Neil Mahler.

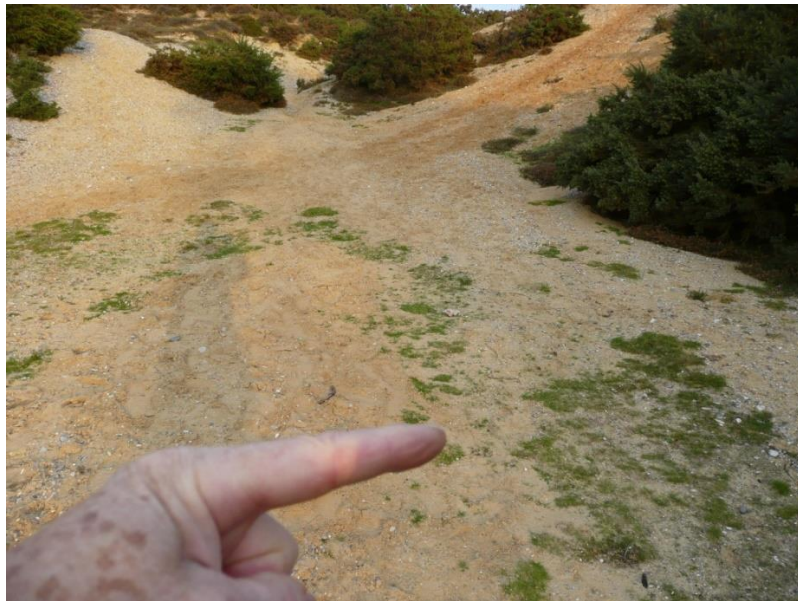
Suffolk County Recorder for Fungi

Suffolk Biodiversity Information Service

The following photographs were taken by Neil Mahler.



Fly Agaric



Just above where my finger is pointing to are 3 species of *Melanoleuca* fungi growing in sand on top of each other and somehow surviving trampling. The unusual habitat suggests these will be rare, but sadly remain unidentified.



Unidentified *Melanoleuca* species. (Minus a tiny bit I took home to examine)



Plicatura crispa (Crimped Gill) on dead Blackthorn from North Common, top right corner, adjacent Gun Club boundary.



Cortinarius flexipes (Pelargonium Webcap) - nice smell of Pelargoniums. Near an Oak tree by the pond - can you see the purple apex to the stems ?



Frustratingly, I was unable to put a name to this white cushion fungus on Gorse.

The next four photographs were taken by Roy Jones during 2019.



Fly Agaric



Fly Agaric



Parasol Fungus



Parasol Fungi

Moths

(Reported by Clive Ireland)

WESTLETON COMMON MOTH GROUP

Annual report 2019

Due to problems securing suitable moth traps, climate and other logistical problems, the Westleton Moth Group managed to meet on just three occasions this year; once each in June, July and August. On each occasion two Robinson traps with mercury-vapour light sources were sited in the vicinity of the Westleton Common car park. (It is important of course that a consistent approach is used on each trapping occasion to ensure valid comparisons.) In the event a total of 199 species were trapped and identified over these three sessions which was 30 more than in the previous year. Thirty species were newly recorded for the Common bringing the total species list for the Common to an impressive 404.

The highlight rarity this year was the rather unimpressive Clancy's Rustic, a migrant from the continent, which was trapped on 29 June. Other star moths trapped included the lovely Orange Moth, Muslin Footman and Double-lobed; these are depicted below.



The number of persons rising sufficiently early in the morning to attend the sessions ranged between 8 and 12. Attendees were able to see all the trapped moths at close quarters and photograph them if they wished to do so. The records continue to constitute an important indication of the environmental welfare of the Common and all records are submitted to the Suffolk moth recorder.

In 2020 it is the intention to organise moth trapping sessions at least once a month between March and October and, as always, all village residents are welcome to come along.

An Apology

In our annual report for 2018 we intended to include a link to a set of photographs of the Common taken by a drone in August of that year. Unfortunately, we did not include that link, which now follows;

<http://westleton.onesuffolk.net/westleton-common/photo-gallery/drone-pictures-of-the-common-taken-august-2018/>

APPENDIX:

Silver Studded Blue Butterflies – 2018 (additional data) and 2019 Records
(Reported by David Rous)

2018

Best count was 20/06/2018

	Compartment															
	A1		A2		A3		A4		A5		A6		A7		A8	
Date	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
20/06/2018	15	3	3	1	80	14	37	5	32	7	69	12	36	7	42	9
Totals																
Male	314															
Female	58															
All	372															

2019

Best count was 07/07/2019

	Compartment															
	A1		A2		A3		A4		A5		A6		A7		A8	
Date	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
07/07/2019	9	4	3	1	18	2	4	0	4	0	7	0	11	2	13	1
Totals																
Male	69															
Female	10															
All	79															

(Health issues made it difficult to do a full count throughout the season.)

Fungi

(Reported by Neil Mahler, Suffolk County Recorder for Fungi, Suffolk Biodiversity Information Service)

April 30, 2019, Westleton (North) Common

Scientific name	Common name	Substrate	Comment
Peniophora quercina	Oak Crust	Quercus branch	
Bjerkandera adusta	Smoky Bracket	Ulex	
Tremella mesenterica	Yellow Brain	Ulex	
Vuilleminia comedans	Oak Wax Crust	Quercus	
Peniophora incarnata	Rosy Crust	Ulex	
Trametes versicolor	Turkey Tail	Unknown stump	
Rhopographus filicinus	Bracken Map	Almost all dead Bracken	
Exidia glandulosa	Witches Butter	Quercus branch	
Diatrypella quercina		Quercus branch	
Kretzschmaria duesta	Brittle Cinder	Fagus stump ?	
Taphrina betulina	Witches Broom	Betula	

Taphrina pruni	Pocket Plums	Prunus spinossa (bordering Gun Club grounds)	
Schizopora paradoxa	Oak Maze Crust	Dead Quercus branch	
Stereum hirsutum	Hairy Curtain Crust	Quercus branches	
Rhizisma acerinum	Sycamore Tar Spot	Acer leaves	
Daedalopsis confragosa	Blushing Bracket	Salix wood	
Hyphodontia sambucii	Elder Whitewash	Sambucus wood	
Keuhneola uredinis	A Bramble Rust	Bramble	
Byssomerulius corium		On dead Ulex sticks	
Trochila ilicina	Holly Speckle	Dead Ilex leaves	
Phasidium multivalve	LargerHolly Speckle	Dead Ilex leaves	
Reticularia lycoperdon			A Slime Mould

October 28, 2019 (7am to 9-15 am). Westleton (Main) Common.

Mycena pura	Lilac Bonnet	Soil
Rhodocollybia butyracea	Buttercup	Soil
Clitocybe odora	Aniseed Funnel	Under Quercus
Stereum hirsutum	Hairy Curtain Crust	Dead Quercus branches
Vuilleminia comedans	Oak Waxy Crust	Underside Dead Quercus Branches
Peniophora quercina		Underside Dead Quercus Branches
Diatrypella quercina		Underside Dead Quercus Branches
Amanita muscaria	Fly Agaric	Mycorrhizal with Betula - huge numbers !
Tricholoma fulvum	Birch Knight	Mycorrhizal with Betula
Hebeloma crustuliforme	Poison Pie	Mycorrhizal with Quercus
Lactarius tabidus	Birch Milk Cap	Betula
Russula atropurpurea	Purple Brittlegill	Betula
Laccaria proxima	Scurfy Deceiver	Betula
Tremella mesenterica	Yellow Brain	Ulex
Lactarius turpis	Ugly Milkcap	Betula
Paxillus involutus	Brown Rollrim	Betula
Hypholoma fasciculare	Sulphur Tuft	Betula
Thelephora terrestris	EarthFan	Soil

Mycena epipterygia	Yellowleg Bonnet	Erica cineraria , etc.
Dacrymyces stillatus	Common Jellyspot	Wet deadwood
Resupinatus tricha	Hairy Smoked Oysterling	Dead Ulex
Hygrophoropsis aurantiaca	False Chanterelle	Betula
Omphalina ericetorum	Heath Navel	Erica cineraria.
Lycoperdon nigrescens	Dusky Puffball	Acidic soil
Clitocybe nebularis	Clouded Funnel	Betula
Trametes versicolor	Turkey Tail	Dead Ulex
Bjerkandera adusta	Smokey Bracket	Dead Ulex
Cortinarius hemitrichus	Frosty Webcam	Betula
Gymnopilus peronatus	Wood Woolyfoot	Heath
Coniophora puteana	Wet Rot	Dead Wood
Ampuloclitocybe clavipes	Club Foot	Heath
Cystoderma amianthinum	Earthy Powdercap	Heath
Mycena galericulata	Common Bonnet	Dead Stump
Marasmius oreades	Fairy Ring Mushrom	Grass

November 26, 2019, Westleton (North) Common

(Comment Neil Mahler - There was more to this final list than I thought, so I will send it with 2 sections A & B)

A

Lepista flaccida	Tawny Funnelcap	Under Cottoneaster	Comment
Xylaria hypoxylon	Candlesnuff	Dead Quercus wood	
Mycena arcangeliana	Angel's Bonnet	Soil	
Schizopora paradoxa	Split porecrust	Dead Quercus wood	
Trametes versicolor	Turkey Tail	Dead Ulex	
Peniophora quercina		Under dead Quercus branch	
Phellinus ferruginosus	Rusty Porecrust	Dead Quercus wood	
Gymnopus peronata	Wood Woolyfoot	Nr Quercus	
Rhodocollybia butyracea	Buttercap	Under Ilex (Holly)	
Tremella mesenterica	Yellow Brain	On Ulex	
Stereum hirsutum	Hairy Curtain Crust	Quercus	
Vuilleminia comedans	Oak Waxy Crust	Under dead Quercus branch	

Clitocybe fragrans	Fragrant Funnelcap	Grass	
Mycena fibula	Moss cap	Moss	
Chondrostereum purpureum	Silver Leaf Fungus	Dying Wood	
Exidia glandulosa	Witches Butter	On dead Quercus wood	
Laccaria laccata	Deciever	Betula	
Laccaria proxima	Scurfy Deceiver	Betula	
Laccaria amethystina	Amethyst Deceiver	Under Quercus	
Amanita muscaria	Fly Agaric	Betula	

B

Lycoperdon nigrescens	Dusky Puffball	Heath	Comment
Russula ochroleuca	Ochre Brittlegill	Betula	
Coniophora puteana	Wet Rot	On Ulex	
Dacrymyces stillatus	Common Jelly Spot	Dead Ulex	
Plicatura crispa	Crimped Gill	Dead Prunus spinosa - near Gun Club boundary	Photo (see text report above)
Phlebia radiata	Wrinkled Crust	Dead deciduous wood	
Clitocybe nebularis	Clouded Funnelcap	Betula	
Phellinus pomaceus	Cushion Bracket	Prunus spinosa	
Russula praetervisa		Under Quercus (oily taste and smell)	
Crepidotus cesatii	An Oysterling	Dead Ulex	
Cortinarius flexipes	Pelargonium Webcap	Heath, under Quercus	Photo (top left corner, near pond, see text report above)
Lactarius tabidus	Birch Milkcap	Betula	
Clitocybe phyllophila	Frosty Funnel	Cleared bracken	
Rhopoglyphus filicinus	Bracken Map	All bracken !	
Mycena galopus	Milking Bonnet	Heath	
Bjerkandera adusta	Smokey Bracket	Ulex	

Moths

(Report by Clive Ireland – Westleton Moth Group)

WESTLETON COMMON - MOTH RECORDS 2019						
Check-list No.	Scientific name	English name	Recorded in 2019	29-Jun	20-Jul	24-Aug
	MACRO MOTHS					
	Hepialidae (Swift moths)					
14	<i>Hepialus humuli</i>	GHOST MOTH				
15	<i>Hepialus sylvina</i>	ORANGE SWIFT	yes			1
17	<i>Hepialus lupulinus</i>	COMMON SWIFT				
	Cossidae (Leopard and goat moths)					
161	<i>Zeuzera pyrina</i>	LEOPARD MOTH				
	Lasiocampidae (Eggar moths)					
1634	<i>Malacosoma neutria</i>	LACKEY	yes	2	4	
1637	<i>Lasiocampa quercus</i>	OAK EGGAR				
1638	<i>Macrothylacia rubi</i>	FOX MOTH	yes	2		
1640	<i>Euthrix potatoria</i>	DRINKER				
	Drepanidae (Hook-tips)					
1645	<i>Falcaria lacertinaria</i>	SCALLOPED HOOK-TIP	yes	2		
1646	<i>Watsonalla binaria</i>	OAK HOOK-TIP				
1648	<i>Drepana falcatoria</i>	PEBBLE HOOK-TIP	yes	3	4	
1651	<i>Cillix glaucata</i>	CHINESE CHARACTER	yes	3	2	
	Thyatiridae					
1652	<i>Thyatira batis</i>	PEACH BLOSSOM				
1653	<i>Habrosyne pyritoides</i>	BUFF ARCHES	yes	2		
1654	<i>Tethea ocularis</i>	FIGURE OF EIGHTY				
1659	<i>Achlya galbanus</i>	YELLOW-HORNED MOTH				
1660	<i>Polyplocia ridens</i>	FROSTED GREEN				
	Geometridae - Geometrinae (Emeralds)					
1663	<i>Alsophila aescularia</i>	MARCH MOTH				
1665	<i>Pseudoterpna pruinata</i>	GRASS EMERALD	yes		1	
1666	<i>Geometra papilionaria</i>	LARGE EMERALD	yes		4	
1667	<i>Comibaena bajularia</i>	BLOTCHED EMERALD	yes	1		
1669	<i>Hemithea aestivaria</i>	COMMON EMERALD	yes	2		
	Geometridae - Sterrhinae (Mochas & Waves)					
1677	<i>Cyclophora albipunctata</i>	BIRCH MOCHA				
1680	<i>Cyclophora punctaria</i>	MAIDEN'S BLUSH				
1682	<i>Timandra comae</i>	BLOOD-VEIN	yes			3
1692	<i>Scopula immulata</i>	LESSER CREAM WAVE	yes		1	
1699	<i>Idaea rusticata</i>	LEAST CARPET	yes		5	
1702	<i>Idaea biselata</i>	SMALL FAN-FOOTED WAVE	yes		1	
1705	<i>Idaea fuscovenosa</i>	DWARF CREAM WAVE	yes	1		
1707	<i>Idaea seriata</i>	SMALL DUSTY WAVE				
1708	<i>Idaea dimidiata</i>	SINGLE-DOTTED WAVE	yes	1	1	
1711	<i>Idaea trigeminata</i>	TREBLE BROWN SPOT	yes	1		

1712	<i>Idaea emarginata</i>	SMALL SCALLOP				
1713	<i>Idaea aversata</i>	RIBAND WAVE	yes	10	6	2
1715	<i>Idaea straminata</i>	PLAIN WAVE	yes	1		
	Geometridae - Larentinae (Carpets, pugs & allies)					
1724	<i>Xanthorhae spadicearia</i>	RED TWIN-SPOT CARPET				
1726	<i>Xanthorhae quadrifasiata</i>	LARGE TWIN-SPOT CARPET				
1738	<i>Epirrhoe alternata</i>	COMMON CARPET				
1742	<i>Campptogramma bilineata</i>	YELLOW SHELL				
1752	<i>Cosmorhoe ocellata</i>	PURPLE BAR	yes	1		
1758	<i>Eulithis pyraliata</i>	BARRED STRAW	yes	1		
1759	<i>Ecliptopera silaceata</i>	SMALL PHOENIX				
1764	<i>Chloroclysta truncata</i>	COMMON MARBLED CARPET				
1765	<i>Cidaria fulvata</i>	BARRED YELLOW				
1768	<i>Thera obeliscata</i>	GREY PINE CARPET				
1769	<i>Thera britannica</i>	SPRUCE CARPET				
1773	<i>Electrophates corylata</i>	BROKEN-BARRED CARPET				
1776	<i>Colostygia pectinataria</i>	GREEN CARPET	yes			2
1808	<i>Perizoma flavofasciata</i>	SANDY CARPET				
1817	<i>Eupithecia pulchellata</i>	FOXGLOVE PUG	yes	1		
1819	<i>Eupithecia irriguata</i>	MOTTLED PUG				
1825	<i>Eupithecia centaureata</i>	LIME-SPECK PUG	yes			2
1834	<i>Eupithecia vulgata</i>	COMMON PUG				
1837	<i>Eupithecia subfuscata</i>	GREY PUG				
1838	<i>Eupithecia icterata</i>	TAWNY SPECKLED PUG				
1839	<i>Eupithecia succenturiata</i>	BORDERED PUG				
1846	<i>Eupithecia nanata</i>	NARROW-WINGED PUG	yes			1
1852	<i>Eupithecia abbreviata</i>	BRINDLED PUG				
1853	<i>Eupithecia dodoneata</i>	OAK-TREE PUG				
1858	<i>Chloroclystis v-ata</i>	V-PUG				
1860	<i>Pasiphila rectangulata</i>	GREEN PUG	yes		1	
1862	<i>Gymnoscelis rufifasciata</i>	DOUBLE-STRIPED PUG	yes	1		1
1883	<i>Acasis viretata</i>	YELLOW-BARRED BRINDLE				
	Geometridae - Ennominae (Thorns, beauties, umbers & allies)					
1887	<i>Lomasipilis marginata</i>	CLOUDED BORDER	yes		1	
1888	<i>Ligdia adusta</i>	SCORCHED CARPET				
1889	<i>Macaria notata</i>	PEACOCK MOTH	yes	1		
1890	<i>Macaria alternata</i>	SHARP-ANGLED PEACOCK	yes			1
1893	<i>Macaria liturata</i>	TAWNY-BARRED ANGLE	yes			1
1902	<i>Petrophera chlorosata</i>	BROWN SILVER-LINE	yes	10		
1904	<i>Plagodis dolabraria</i>	SCORCHED WING				
1906	<i>Opisthograptis luteolata</i>	BRIMSTONE MOTH	yes	2		2
1910	<i>Apeira syringaria</i>	LILAC BEAUTY				
1913	<i>Ennomos alniraria</i>	CANARY-SHOULDERED THORN	yes			1
1914	<i>Ennomos fuscantaria</i>	DUSKY THORN	yes			1
1917	<i>Selenia dentaria</i>	EARLY THORN	yes		3	
1921	<i>Crocallis elinguaris</i>	SCALLOPED OAK	yes		2	
1922	<i>Ourapteryx samucaria</i>	SWALLOW-TAILED MOTH	yes	4	2	
1924	<i>Angerona prunaria</i>	ORANGE MOTH	yes	1		
1927	<i>Lycia hirtaria</i>	BRINDLED BEAUTY				
1930	<i>Biston strataria</i>	OAK BEAUTY				

1931	<i>Biston betularia</i>	PEPPERED MOTH	yes	4	6	
1934	<i>Agriopsis marginaria</i>	DOTTED BORDER				
1935	<i>Erannis defoliaria</i>	MOTTLED UMBER				
1936	<i>Menophra abruptaria</i>	WAVED UMBER				
1937	<i>Peribatodes rhomboidaria</i>	WILLOW BEAUTY	yes	3	4	
1941	<i>Alcis rependata</i>	MOTTLED BEAUTY	yes	2		
1944	<i>Hypomecis punctinalis</i>	PALE OAK BEAUTY	yes		1	
1947	<i>Ectropis bistortata</i>	ENGRAILED				
1952	<i>Ematurga atomaria</i>	COMMON HEATH				
1955	<i>Cabera pusaria</i>	COMMON WHITE WAVE	yes	1		
1958	<i>Lomographa temerata</i>	CLOUDED SILVER	yes	10	2	
1961	<i>Campaea margaritata</i>	LIGHT EMERALD	yes			5
1962	<i>Hylaea fasciaria</i>	BARRED RED				
1970	<i>Perconia strigillaria</i>	GRASS WAVE				
	Sphinginae - Sphingae (Hawkmoths)					
1976	<i>Sphinx ligustri</i>	PRIVET HAWKMOTH	yes	2		
1978	<i>Hyloicus pinastri</i>	PINE HAWKMOTH	yes		1	
	Sphinginae - Smerinthinae (Hawkmoths)					
1979	<i>Mimas tiliae</i>	LIME HAWKMOTH				
1980	<i>Smerinthus ocellata</i>	EYED HAWKMOTH	yes	1		
1981	<i>Laothoe populi</i>	POPLAR HAWKMOTH	yes	1	1	
	Sphinginae - Macroglossinae (Hawkmoths)					
1987	<i>Hyles gallii</i>	BEDSTRAW HAWKMOTH				
1991	<i>Deilephila elpenor</i>	ELEPHANT HAWKMOTH	yes	5	6	
1992	<i>Deilephila porcellus</i>	SMALL ELEPHANT HAWKMOTH				
	Notodontidae - Notodontinae (Prominents & kitten moths)					
1997	<i>Furcula furcula</i>	SALLOW KITTEN	yes	1		
2000	<i>Notodonta dromedarius</i>	IRON PROMINENT	yes	1		2
2003	<i>Notodonta ziczac</i>	PEBBLE PROMINENT	yes		1	
2006	<i>Pheosia gnoma</i>	LESSER SWALLOW PROMINENT	yes		2	6
2007	<i>Pheosia tremula</i>	SWALLOW PROMINENT				
2008	<i>Ptilodon capucina</i>	COXCOMB PROMINENT	yes		1	1
2009	<i>Ptilodon cucullina</i>	MAPLE PROMINENT				
2011	<i>Pterostoma palpina</i>	PALE PROMINENT				
2014	<i>Drymonia dodonaea</i>	MARbled BROWN	yes	2		
2015	<i>Drymonia ruficornis</i>	LUNAR MARbled BROWN				
	Notodontidae - Phalerinae (Buff-tip)					
1994	<i>Phalera bucephala</i>	BUFF-TIP	yes	6	1	
	Notodontidae - Heterocampinae (Lobster Moth and Great Prominent)					
1999	<i>Stauropus fagi</i>	LOBSTER MOTH				
2005	<i>Peridea anceps</i>	GREAT PROMINENT				
	Lymantriidae (Tussock moths)					
2026	<i>Orgyia antiqua</i>	VAPOURER	yes	1		
2028	<i>Calliteara pudibunda</i>	PALE TUSsock				
2029	<i>Euproctis chrysorrhoea</i>	BROWN-TAIL	yes		9	
2030	<i>Euproctis similis</i>	YELLOW-TAIL	yes		3	
2031	<i>Leucoma salicis</i>	WHITE SATIN MOTH	yes		2	

2033	<i>Lymantria monacha</i>	BLACK ARCHES	yes		17	
	Arctidae - Arctinae (Tiger moths, ermines, footman moths & allies)					
2037	<i>Mitochondria miniata</i>	ROSY FOOTMAN	yes	4	7	
2038	<i>Nudaria mundana</i>	MUSLIN FOOTMAN	yes		2	
2040	<i>Cybosia mesomella</i>	FOUR-DOTTED FOOTMAN	yes	1		
2043	<i>Eilema sororcula</i>	ORANGE FOOTMAN				
2044	<i>Eilema griseola</i>	DINGY FOOTMAN	yes		3	3
2047	<i>Eilema complana</i>	SCARCE FOOTMAN	yes	4	20+	1
2049	<i>Eilema depressa</i>	BUFF FOOTMAN	yes	1		1
2050	<i>Eilema lurideola</i>	COMMON FOOTMAN	yes	15	10+	1
2051	<i>Lithosia quadra</i>	FOUR-SPOTTED FOOTMAN	yes	1		
2058	<i>Arctia villica</i>	CREAM-SPOT TIGER				
2061	<i>Spilosoma luteum</i>	BUFF ERMINE	yes		5	
2062	<i>Spilosoma urticae</i>	WHITE ERMINE				
2063	<i>Diaphora mendica</i>	MUSLIN MOTH				
2064	<i>Phragmatobia fuliginosa</i>	RUBY TIGER	yes		2	
2069	<i>Tyria jacobaeae</i>	CINNABAR	yes	3		
	Nolidae					
2076	<i>Meganola albula</i>	KENT BLACK ARCHES	yes		1	
2077	<i>Nola cucullatella</i>	SHORT-CLOAKED MOTH				
2078	<i>Nola confusalis</i>	LEAST BLACK ARCHES				
	Noctuidae - Noctuinae (Darts, yellow underwings & clays)					
2081	<i>Euxoa obelisca</i>	WHITE-LINE DART				
2085	<i>Agrotis vestigialis</i>	ARCHER'S DART	yes			1
2087	<i>Agrotis segetum</i>	TURNIP MOTH	yes	3		7
2088	<i>Agrotis clavis</i>	HEART AND CLUB	yes	5	3	
2089	<i>Agrotis exclamationis</i>	HEART AND DART	yes	10	3	
2091	<i>Agrotis ipsilon</i>	DARK SWORD-GRASS				
2092	<i>Agrotis puta</i>	SHUTTLE-SHAPED DART	yes		1	3
2098	<i>Axylia putris</i>	FLAME	yes	2		
2102	<i>Ochropleura plecta</i>	FLAME SHOULDER	yes			3
2107	<i>Noctua pronuba</i>	LARGE YELLOW UNDERWING	yes	10	15	7
2108	<i>Noctua orbona</i>	LUNAR YELLOW UNDERWING	yes	1		
2109	<i>Noctua comes</i>	LESSER YELLOW UNDERWING	yes		1	
2110	<i>Noctua fimbriata</i>	BROAD-BORDERED YELLOW UNDWNG	yes	10	5	1
2111	<i>Noctua janthe</i>	LESSR BRD-BORDRD YELLW UNDWNG	yes			9
2112	<i>Noctua interjecta</i>	LEAST YELLOW UNDERWING				
2117	<i>Eugnorisma glareosa</i>	AUTUMNAL RUSTIC				
2118	<i>Lycophotia porphyrea</i>	TRUE LOVER'S KNOT	yes		25+	
2120	<i>Diarsia mendica</i>	INGRAILED CLAY				
2123	<i>Diarsia rubi</i>	SMALL SQUARE-SPOT				
2126	<i>Xestia c-nigrum</i>	SETACEOUS HEBREW CHARACTER	yes	2		21
2127	<i>Xestia ditrapezium</i>	TRIPLE-SPT. CLAY				
2128	<i>Xestia triangulum</i>	DOUBLE SQUARE-SPOT	yes	6	8	
2131	<i>Xestia rhomboidea</i>	SQUARE-SPOTTED CLAY				

2134	<i>Xestia xanthographa</i>	SQUARE-SPOT RUSTIC	yes		1	7
2135	<i>Xestia agathina</i>	HEATH RUSTIC				
2139	<i>Cerastis rubricosa</i>	RED CHESTNUT				
	Noctuidae - Hadeninae (Brocades, quakers, leaf-eating wainscots)					
2145	<i>Dicestra trifolii</i>	NUTMEG				
2147	<i>Hada plebeja</i>	SHEARS	yes	2		
2150	<i>Polia nebulosa</i>	GREY ARCHES	yes	2		
2152	<i>Sideridis albicolon</i>	WHITE COLON				
2154	<i>Mamestra brassicae</i>	CABBAGE MOTH				
2155	<i>Melanchra persicariae</i>	DOT MOTH	yes	1		
2157	<i>Lacanobia w-latinum</i>	LIGHT BROCADE				
2159	<i>Lacanobia suasa</i>	DOG'S TOOTH				
2160	<i>Lacanobia oleracea</i>	BRIGHT-LINE BROWN-EYE	yes	2	3	1
2163	<i>Melanchra pisi</i>	BROOM MOTH				
2173	<i>Hadena bicruris</i>	LYCHNIS	yes	1		
2176	<i>Cerapteryx graminis</i>	ANTLER MOTH				
2177	<i>Tholea cespitis</i>	HEDGE RUSTIC	yes			7
2178	<i>Tholea decimalis</i>	FEATHERED GOTHIC	yes			1
2182	<i>Orthosia cruda</i>	SMALL QUAKER				
2186	<i>Orthosia gracilis</i>	POWDERED QUAKER				
2187	<i>Orthosia cerasi</i>	COMMON QUAKER				
2188	<i>Orthosia incerta</i>	CLOUDED DRAB				
2190	<i>Orthosia gothica</i>	HEBREW CHARACTER				
2192	<i>Mythimna conigera</i>	BROWN-LINE BRIGHT-EYE	yes		1	
2193	<i>Mythimna ferrago</i>	CLAY	yes	2	4	
2194	<i>Mythimna albipuncta</i>	WHITE POINT	yes			3
2196	<i>Mythimna pudorina</i>	STRIPED WAINSCOT	yes	1		
2197	<i>Mythimna straminea</i>	SOUTHERN WAINSCOT				
2198	<i>Mythimna impura</i>	SMOKY WAINSCOT	yes	5	2	
2199	<i>Mythimna pallens</i>	COMMON WAINSCOT	yes			1
2205	<i>Mythimna comma</i>	SHOULDER- STRIPED WAINSCOT	yes	2		
	Noctuidae - Cucullinae (Sharks, shoulder-knots & allies)					
2216	<i>Cucullia umbratica</i>	SHARK				
2221	<i>Shargacucullia verbasci</i>	MULLEIN				
2232	<i>Aporophyla nigra</i>	BLACK RUSTIC				
237	<i>Lithophane ornitopus</i>	GREY SHOULDER- KNOT				
2243	<i>Xylocampa areola</i>	EARLY GREY				
2255	<i>Polymixis lichenea</i>	FEATHERED RANUNCULUS				
	Noctuidae - Acronictinae (Chestnuts, sallows, daggers)					
2258	<i>Conistra vaccinii</i>	CHESTNUT				
2265	<i>Agrochola helvola</i>	FLOUNCED CHESTNUT				
2266	<i>Agrochola litura</i>	BROWN-SPOT PINION				
2268	<i>Parastichtis suspecta</i>	SUSPECTED				
2269	<i>Atethmia centrargo</i>	CENTRE-BARRED SALLOW				
2270	<i>Omphaloscelis lumosa</i>	LUNAR UNDERWING				
2273	<i>Xanthia togata</i>	PINK-BARRED SALLOW				
2274	<i>Xanthia icteritia</i>	SALLOW				
2278	<i>Acronicta megacephala</i>	POPLAR GREY				

2279	<i>Acronicta aceris</i>	SYCAMORE				
2280	<i>Acronicta leporina</i>	MILLER				
2283	<i>Acronicta</i> Sp.	GREY/DARK GREY DAGGER	yes	1		
2289	<i>Acronicta rumicis</i>	KNOT GRASS				
2291	<i>Craniophora ligustri</i>	CORONET				
	Noctuidae - Bryophilinae					
2293	<i>Cryphia domestica</i>	MARbled BEAUTY				
	Noctuidae - Amphipyrae (Arches, brindles, minors, rustics and allies)					
	<i>Amphipyra</i> sp.	SVENSSON'S COPPER / COPPER UNDERWING	yes		1	
2297	<i>Amphipyra pyramidea</i>	COPPER UNDERWING	yes			2
2299	<i>Amphipyra tragopoginis</i>	MOUSE MOTH	yes			1
2301	<i>Dypterygia scabriuscula</i>	BIRD'S WING	yes	1	1	
2302	<i>Rusina ferruginea</i>	BROWN RUSTIC	yes	3		
2303	<i>Thalpophila matura</i>	STRAW UNDERWING	yes			2
2305	<i>Euplexia lucipara</i>	SMALL ANGLE SHADES	yes	1	1	
2306	<i>Phlogophora meticulosa</i>	ANGLE SHADES	yes	1		
2318	<i>Cosmia trapezina</i>	DUN-BAR	yes	2	4	
2319	<i>Cosmia pyralina</i>	LUNAR-SPOTTED PINION				
2321	<i>Apamea monoglypha</i>	DARK ARCHES	yes		3	
2322	<i>Apamea lithoxylaea</i>	LIGHT ARCHES	yes	1		
2326	<i>Apamea epomidion</i>	CLOUDED- BORDERED BRINDLE				
2330	<i>Apamea furva</i>	DUSKY BROCADE				
2333	<i>Apamea anceps</i>	LARGE NUTMEG	yes	3		
2334	<i>Apamea sordens</i>	RUSTIC SHOULDER- KNOT				
2335	<i>Apamea scolopuncta</i>	SLENDER BRINDLE				
2336	<i>Lateroligia ophiogramma</i>	DOUBLE LOBED	yes		2	
	<i>Oligia</i> sp.	MARbled MINOR aggregate	yes		1	
2337	<i>Oligia strigilis</i>	MARbled MINOR				
2338	<i>Oligia versicolor</i>	RUFous MINOR				
2339	<i>Oligia latruncula</i>	TAWNY MARbled MINOR				
2340	<i>Oligia fasciuncula</i>	MIDDLE-BARRED MINOR				
2341	<i>Mesoligia furuncula</i>	CLOAKED MINOR	yes		2	
2342	<i>Mesoligia literosa</i>	ROSY MINOR				
2343 / 44	<i>Mesapamea</i> sp.	COMMON / LESSER RUSTIC agg.	yes		8	3
2352	<i>Eremobia ochroleuca</i>	DUSKY SALLOW	yes		5	
2353	<i>Luperina testacea</i>	FLOUNCED RUSTIC				
2360	<i>Amphipoea oculea</i>	EAR MOTH	yes		2	1
2361	<i>Hydraecia micacea</i>	ROSY RUSTIC	yes			1
2375	<i>Rhizedra lutosa</i>	LARGE WAINSCOT				
2377	<i>Arenostola phragmitidis</i>	FEN WAINSCOT				
2380	<i>Charanyca trigammica</i>	TREBLE LINES				
2381	<i>Hoplodrina alsines</i>	UNCERTAIN	yes	15	20	
2382	<i>Hoplodrina blanda</i>	RUSTIC	yes		3	
	<i>Hoplodrina</i> Sp.	UNCERTAIN / RUSTIC agg.	yes	2	10	
2384	<i>Hoplodrina ambigua</i>	VINE'S RUSTIC				4
2387	<i>Caradrina morpheus</i>	MOTTLED RUSTIC	yes	5		
2378a	<i>Caradrina kadenii</i>	CLANCY'S RUSTIC	yes	1		
	Noctuidae - Heliothinae					

2410	<i>Protodeltote pygarga</i>	MARBLED WHITE SPOT				
	Noctuidae - Eariadinae					
2418	<i>Earias clorana</i>	CREAM-BORDERED GREEN PEA				
	Noctuidae - Chloephorinae					
2422	<i>Pseudops prasinana</i>	GREEN SILVER-LINES	yes	2		
	Noctuidae - Plusiinae (Silver and Gold Ys and brasses)					
2434	<i>Diachrysia chrysis</i>	BURNISHED BRASS	yes	1		2
2441	<i>Autographa gamma</i>	SILVER Y				
2443	<i>Autographa pulchrina</i>	PLAIN GOLDEN Y				
2449	<i>Abrostola triplasia</i>	DARK SPECTACLE	yes		1	
2450	<i>Abrostola tripartita</i>	SPECTACLE				
	Noctuidae - Ophiderinae					
2469	<i>Scoliopteryx libatrix</i>	HERALD				
	Noctuidae - Rivulinae					
2473	<i>Laspeyria flexula</i>	BEAUTIFUL HOOK-TIP	yes	1		
2474	<i>Rivula sericealis</i>	STRAW DOT	yes	1		2
	Noctuidae - Hypeninae (Snouts)					
2477	<i>Hypena proboscidalis</i>	SNOUT	yes	1		2
	Noctuidae - Herminiinae (Fan-foots)					
2489	<i>Zanclognatha tarsipennalis</i>	FAN-FOOT	yes	1	2	
2491	<i>Herminia tarsicrinalis</i>	SHADED FAN-FOOT				
	MICRO MOTHS					
6	<i>Eriocrania subpurpurella</i>					
48	<i>Dyseriocrania subpurpurella</i>					
50	<i>Heringocrania unimacuellla</i>					
84	<i>Stigmella ruficapitella</i>					
246	<i>Tinea trinotella</i>		yes		1	
247	<i>Tinea trinotella</i>					
286	<i>Caloptilia alchimiella</i>		yes	1		1
296	<i>Calybites phasianipennella</i>					
301	<i>Parornix betulae</i>					
411	<i>Argyresthia goedartella</i>					
417	<i>Argyresthia spinosella</i>					
424	<i>Yponomeuta evonymella</i>	BIRD-CHERRY ERMINE				
427	<i>Yponomeuta cagnagella</i>	SPINDLE ERMINE	yes		1	
428	<i>Yponomeuta rorella</i>	WILLOW ERMINE	yes			1
437	<i>Swammerdamia caesiella</i>					
464	<i>Plutella xylostella</i>	DIAMOND-BACK MOTH	yes	2		
544	<i>Coleophora albicosta</i>					
607	<i>Elachista canapennella</i>					
610	<i>Elachista argentella</i>					
641	<i>Batia lambdella</i>		yes		1	
642	<i>Crassa (Batia) unitella</i>					
647	<i>Hofmannophila psuedospretella</i>	BROWN HOUSE MOTH	yes	1		
658	<i>Carcina quercana</i>		yes		2	
704	<i>Agonopterix scopariella</i>	BROOM FLAT-BODY				
728	<i>Monochroa cytisella</i>					

733	<i>Eulapotes wilkella</i>					
756	<i>Parachronistris albiceps</i>		yes	1		
758	<i>Recurvaria leucatella</i>					
774	<i>Teleiodes luculella</i>		yes	1		
776	<i>Teleiopsis diffinis</i>		yes			1
787	<i>Bryotropha terrella</i>		yes	1		
839	<i>Neofaculta ericetella</i>					
861	<i>Helcystogramma rufescens</i>					
862	<i>Diochomeris marginella</i>	JUNIPER WEBBER	yes	1		
867	<i>Brachmia inornatella</i>					
873	<i>Blastobasis (lignea) adustella</i>		yes			10
874	<i>Blastobasis (decorella) lacticolella</i>					
937	<i>Agapeta hamana</i>		yes	2		
938	<i>Agapeta zoegana</i>		yes		2	
946	<i>Aethes rubigana</i>					
951	<i>Aethes beatricella</i>					
966	<i>Cochylis atricapitana</i>		yes		3	2
969	<i>Pandemis corylana</i>	CHEQUERED FRUIT-TREE TORTRIX	yes	1	1	3
970	<i>Pandemis cerasana</i>	BARRED FRUIT-TREE TORTRIX				
972	<i>Pandemis heparana</i>	DARK FRUIT-TREE TORTRIX	yes		1	
977	<i>Archips podana</i>	LARGE FRUIT-TREE TORTRIX	yes	3		
980	<i>Archips xylosteana</i>	VARIEGATED GOLDEN TORTRIX	yes	2		
989	<i>Aphelia paleana</i>	TIMOTHY TORTRIX				
998	<i>Epiphyas postvittana</i>	LIGHT-BROWN APPLE MOTH	yes			1
999	<i>Adoxophyes orana</i>	SUMMER FRUIT TORTRIX				
1001	<i>Lozotaeniodes formosanus</i>					
1006	<i>Epagoge grotiana</i>					
1010	<i>Ditula angustiorana</i>	RED-BARRED TORTRIX				
1015	<i>Eulia ministrana</i>					
	<i>Cnephasia Sp.</i>					
1016	<i>Cnephasia longana</i>					
1032	<i>Aleimma loeflingiana</i>		yes	5		
1033	<i>Tortrix viridana</i>	GREEN OAK TORTRIX	yes	2		
1036	<i>Acleris forsskaleana</i>		yes		1	
1038	<i>Acleris laterana</i>					
1039	<i>Acleris comariana</i>	STRAWBERRY TORTRIX				
1042	<i>Acleris rhombana</i>	RHOMBOID TORTRIX				
1044	<i>Acleris ferrugana</i>					
1045	<i>Acleris notana</i>		yes	1		
1048	<i>Acleris variegana</i>	GARDEN ROSE TORTRIX				
1076	<i>Celypha lacunana</i>					
1082	<i>Hedya pruniana</i>	PLUM TORTRIX				
1083	<i>Hedya nubiferana</i>	MARbled ORCHARD TORTRIX				
1085	<i>Metendothenia atropunctana</i>					
1092	<i>Apotomis turbidana</i>					
1093	<i>Apotomis betuleana</i>		yes		1	
1094	<i>Apotomis capreana</i>					
1113	<i>Eudemis profundana</i>		yes		1	
1115	<i>Ancylis achatana</i>					
1126	<i>Ancylis badiana</i>					
1147	<i>Epinotia cruciana</i>	WILLOW TORTRIX	yes		2	
1165	<i>Zeirphera isertana</i>		yes		1	
1168	<i>Gypsonoma dealbana</i>					

1169	<i>Gypsonoma dealbana</i>		yes	1		
1174	<i>Epiblema cynosbatella</i>		yes	2		
1175	<i>Epiblema uddmanniana</i>	BRAMBLE SHOOT MOTH				
1184	<i>Epiblema scutulana</i>					
1201	<i>Ecosma cana</i>		yes	1		
1219	<i>Lathronympha strigana</i>					
1233	<i>Pammene aurita</i>					
1234	<i>Pammene regiana</i>					
1236	<i>Pammene fasciana</i>					
1255	<i>Cydia ulicetana</i>					
1260	<i>Cydia splendana</i>					
1261	<i>Cydia pomonella</i>	CODLING MOTH	yes	1		
1288	<i>Alucita hexadactyla</i>	TWENTY-PLUME MOTH	yes		1	
1293	<i>Chrysoteuchia culmella</i>	GARDEN GRASS VENEER	yes	20	30	
1294	<i>Crambus pascuella</i>		yes	1		
1302	<i>Crambus perlella</i>					
1303	<i>Agriphila selasella</i>					
1304	<i>Agriphila straminella</i>					
1305	<i>Agriphila tristella</i>					
1306	<i>Agriphila inquinatella</i>		yes			1
1309	<i>Agriphila geniculea</i>		yes			10
1313	<i>Catoptria pinella</i>		yes		2	
1316	<i>Catoptria falsella</i>					
1323	<i>Pediasia contaminella</i>		yes		10	
1325	<i>Platytes alpinella</i>					
1326	<i>Platytes cerussella</i>		yes	1		
1331	<i>Acentria ephemerella</i>	WATER VENEER				
1332	<i>Scoparia subfusca</i>					
1334	<i>Scoparia ambigualis</i>					
1338	<i>Eudonia (Dipleurina) lacustrata</i>		yes	2		
1344	<i>Eudonia mercurella</i>					
1345	<i>Elophila nymphaeata</i>	BROWN CHINA- MARK				
1348	<i>Parapoynx stratiotata</i>	RINGED CHINA- MARK	yes		2	
1361	<i>Pyrausta aurata</i>		yes	1		
1356	<i>Evergestis forficalis</i>	GARDEN PEBBLE				
1365	<i>Pyrausta despicata</i>		yes	2		2
1376	<i>Eurrhynx hortulata</i>	SMALL MAGPIE	yes	1	1	
1377	<i>Anania lancealis</i>		yes		1	
1378	<i>Phlyctaenia coronata</i>					
1390	<i>Udea prunalis</i>					
1392	<i>Udea olivalis</i>		yes	1		
1405	<i>Pleuoptya ruralis</i>	MOTHER OF PEARL	yes		10	7
1413	<i>Hypsopygia costalis</i>	GOLD TRIANGLE	yes		1	
1414	<i>Synaphe punctalis</i>		yes		50	
1415	<i>Hypsopygia (Orthopygia) glaucinalis</i>		yes		1	
1424	<i>Endotricha flammealis</i>		yes		3	
1428	<i>Aphomia sociella</i>	BEE MOTH				
1433	<i>Cryptoblabes bistraga</i>					
1436	<i>Acrobasis repandana</i>					
1439	<i>Trachycera advenella</i>					
1441	<i>Oncocera semirubella</i>		yes		1	
1442	<i>Pempelia palumbella</i>		yes	4	3	
1443	<i>Pempelia genistella</i>		yes		8	
1454	<i>Dioryctria abietella</i>		yes	1		
1454b	<i>Dioryctria sylvestrella</i>		yes	1		
1449	<i>Elegia similella</i>					
1451	<i>Matilella (Pyla) fusca</i>					

1452	<i>Phycita roborella</i>					
1454b	<i>Dioryctria sylvestrella</i>					
1470	<i>Euzophera pinguis</i>		yes		1	
1474	<i>Ephestia (parasitella) unicolorella</i>					
1481	<i>Homoeosoma sinuella</i>		yes	5		
1483	<i>Phycitodes binaevella</i>					
1509	<i>Stenoptilia pterodactyla</i>	BROWN PLUME				
Total			199	109	96	55
Total macro species =		263				
Total micro species =		141				
Total =		404				

Reptiles

(Reported by David Rous)

Reptiles 2018 (additional information)

Adders

February 2018

1 adder; south side "adders hill"

March 2018

3 female adders; south side

2 males adders; south bank overlooking field

1 female adders; west side old football pitch

April 2018

2 female 1 male adders on slope below the noddle

3 female 1 male; south slope "adders hill"

1 female adder; north of concrete area in bracken

May 2018

2 female adders; slope below noddle

1 female adder west side football pitch.

Reptiles 2019

Adders and grass snakes

February 2019

1 adder; south side "adders hill"

March 2019

3 female adders; south side

2 males adders; south bank overlooking field

4 young grass snakes; south side "adder hill"

1 female adder; west side old football pitch

2 adders; east next to main track football pitch

April 2019

2 female 1 male adders; on slope below the noddle

3 female 1 male adders; south slope "adders hill"

1 female adder; north of concrete area in bracken

May 2019

2 female adders; slope below noddle

1 female adders; west side football pitch.

Insects 2018

(Reported by David Rous)

List of butterflies seen during 2018.

Brimstone, Red admiral, Peacock, Small tortoiseshell, Large skipper, Small skipper, Essex skipper, Green, Veined white, Small white, Large white, Speckled wood, Gatekeeper, Grayling, Purple hairstreak, Green hairstreak, Silver studded blue, Common blue, Holly blue, Meadow brown, Ringlet, Small heath, Small copper, Brown argus.

List of dragonflies etc. seen during 2018.

Small red damselfly, Banded demoiselle, Azure damselfly, Variable damselfly, Common blue damselfly, Four spotted chaser, Broad-bodied chaser, Common darter, Ruddy darter, Migrant hawk, Common hawk, Brown hawk, Emperor dragonfly, Norfolk hawk.

List of bees seen during 2018.

Heather colletes, Common yellow face bee, Clarkes mining bee, Tawny mining bee, Chocolate mining bee, Ashy mining bee, Heather mining bee, Orange-tailed mining bee, Large gorse mining bee, Yellow-legged mining bee, Sandpit mining bee, Santaloon bee, Red mason bee, Patchwork leafcutter bee, Large sharp-tail bee, Goodens nomad bee, Flavous nomad bee, Hairy footed flower bee, White tailed bumblebee, Buff-tailed bumblebee, Red-tailed bumblebee, Tree bumblebee, Heath bumblebee, Early bumblebee, Common carder bee, Forest cuckoo bee, Vestal cuckoo bee, Western honey bee.

Insects 2019

(Reported by David Rous)

List of butterflies seen during 2019.

Brimstone, Red admiral, Peacock, Small tortoiseshell, Large skipper, Small skipper, Essex skipper, Green, Veined white, Small white, large white, Speckled wood, Gatekeeper, Grayling, Purple hairstreak, Green hairstreak, Silver studded blue, Common blue, Holly blue, Meadow brown, Ringlet, Small heath, Small copper, Brown argus.

List of dragonflies etc. seen during 2019.

Small red damselfly, Banded demoiselle, Azure damselfly, Variable damselfly, Common blue damselfly, Four spotted chaser, Broad-bodied chaser, Common darter, Ruddy darter, Migrant hawk, Common hawk, Brown hawk, Emperor dragonfly, Norfolk hawk.

List of bees seen during 2019.

Heather colletes, Common yellow face bee, Clarkes mining bee, Tawny mining bee, Chocolate mining bee, Ashy mining bee, Heather mining bee, Orange-tailed mining bee, Large gorse mining bee, Yellow-legged mining bee, Sandpit mining bee, Pantaloon bee, Red mason bee, Patchwork leafcutter bee, Large sharp-tail bee, Goodens nomad bee, Flavous nomad bee, Hairy footed flower bee, White tailed bumblebee, Buff-tailed bumblebee, Red-tailed bumblebee, Tree bumblebee, Heath bumblebee, Early bumblebee, Common carder bee, Forest cuckoo bee, Vestal cuckoo bee, Western honey bee, Ivy bee.

Birds 2019

(Reported by Richard Drew)

The areas surveyed include the Gun Club site and the old football pitch (sector 1). Records are of territories held but are not proven breeding.

Species	Number of territories held
Nightingale	6
Turtle dove	1
Woodlark	1
Lesser whitethroat	2
Common whitethroat	1
Willow warbler	2
Blackcap	4
Garden warbler	4
Little owl	1
Yellowhammer	4
Firecrest	1

Post-Script;

New dog waste bin installed during 2019 at junction of Black Slough, Mill Street and the footpath to the Mumberry Hills.

