

LCROMWELL BOTTOM LEPIDOPTERA

COMPILED BY CHARLIE STREETS, MOTH TRAPPING EVENTS RUN BY BARRY NIELD.

A SUMMARY OF SPECIES RECORDED IN 2018 USING MV LIGHT AND OCCASIONAL FIELD TRIPS.

NB: THIS IS BY NO MEANS A COMPREHENSIVE SURVEY OF THE RESERVE. ALL MOTHS RECORDED AT LIGHT ARE FROM THE CABIN COMPOUND.

GRID REF: O/S 123 223

KEY:

TO LIGHT ONLY

BY DAY ONLY

LEAF MINE, LARVA OR FEEDING SIGNS

RECORDED BY MORE THAN ONE METHOD

FIRST TWO DIGITS = FAMILY

DIGITS AFTER POINT = SPECIES

- | | |
|--|---|
| 2.001 Dyseriocrania subpurpurella | - Very common as a miner + adult |
| 3.001 Orange Swift | - From July 22 nd onwards, fairly common |
| 3.002 Common Swift | - Common |
| 3.003 Map-winged Swift | - One on July 13 th <i>F. gallicus</i> |
| 4.002 Stigmella lapponica | - A common miner |
| 4.008 Stigmella glutinosae | - Mines on Oct. 17 th |
| 4.010 Stigmella microtheriella | - One mine Aug. 14 th |
| 4.015 Rose Leaf Miner | - One mine Aug. 14 th |
| 4.023 Stigmella crataegella | - Two mines Aug. 14 th |
| 4.025 Stigmella nylandriella | - A common miner |
| 4.030 Stigmella hybnerella | - A common miner |
| 4.035 Stigmella salicis | - One mine Aug. 14 th |
| 4.038 Stigmella obliquella | - One mine Aug. 14 th |
| 4.044 Stigmella continuella | - One mine Oct. 17 th |
| 4.045 Stigmella aurella | - A very common miner |
| 4.060 Stigmella ruficapitella | - A fairly common miner |
| 4.061 Stigmella atricapitella | - Mine on Oct. 17 th |
| 4.082 Ectoedemia intimella | - Mines on Nov. 15 th |
| 4.089 Ectoedemia albifasciella | - Mines common |
| 4.099 Ectoedemia occultella | - Mines common |
| 7.012 Nematopogon schwarziellus | - One on June 2 nd |
| 10.001 Tischeria ekebladella | - Mines scarce |
| 10.003 Emmetia marginea | - A fairly common miner |
| 12.016 Cork Moth | - 3 on June 1st |
| 12.048 Psychoides filicivora | - Mines on Hart's-tongue Fern Oct. 17 th |
| 15.010 Caloptilia stigmatella | - 1 June 14 th (at dusk) |

15.028 Parornix anglicella	- Feeding signs very common
15.029 Parornix devoniella	- Mines scarce
15.032 Parornix finitimella	- Tenanted leaf fold Aug. 14th
15.039 Phyllonorycter quercifoliella	- A very common miner
15.043 Phyllonorycter oxyacanthae	- Mines common
15.044 Phyllonorycter sorbi	- Mines fairly common
15.054 Phyllonorycter viminiella	- Leaf mine at Tag meadow on Aug.
14 th , (adult reared)	
15.058 Phyllonorycter hilarella	- A regular miner
15.064 Nut Leaf Blister Moth	- Mines quite common
15.067 Phyllonorycter rajella	- Mines common
15.073 Phyllonorycter lautella	- One mine July 5 th (adult reared)
15.075 Phyllonorycter ulmifoliella	- A common miner
15.086 Phyllonorycter geniculella	- Probably quite common
15.089 Horse Chestnut Leaf Miner	- A common miner on one tree
16.001 Bird Cherry Ermine	- Common
17.003 Honeysuckle Moth	- 2 on July 21st
18.001 Diamond-backed Moth	- Uncommon
18.003 Plutella porrectella	- Singles on June 2 nd + July 21st
20.016 Argyresthia retinella	- One on June 2 nd (at dusk)
20.012 Argyresthia goedartella	- Common
21.001 Lyonetia clerkella	- A fairly common miner
28.009 White-shouldered House Moth	- Fairly common
28.010 Brown House Moth	- Occasional singles
28.019 Esperia sulphurella	- One on June 2nd
31.001 Carcina quercana	- Fairly common
32.007 Agonopterix ocellana	- Singles on June 30th, July 21 st +
Aug. 3rd	
32.017 Agonopterix arenella	- 1 on Aug. 18 th
32.018 Agonopterix heracliانا	- 1 on July 21 st (hindwing checked
CS)	
34.004 Limnaecia phragmitella	- 2 on July 14th
35.010 Aproaerema anthyllidella	- 1 on July 21st
35.038 Bryotropha domestica	- 1 on June 2 nd
35.132 Caryocolum fraternella	- 1 on July 21st
37.015 Coleophora serratella	- A fairly common miner
37.044 Coleophora discordella	- Mines + case on May 12th
37.048 Coleophora mayrella	- 1 on June 10th
37.073 Coleophora alticolella agg.	- Cases on juncus fairly common
37.102 Coleophora argentula	- Larval cases uncommon
38.004 Elachista argentella	- 1 on June 2 nd (at dusk)
38.025 Elachista atricomella	- 1 on June 16th
40.010 Mompha epilobiella	- 1 on July 21 st
40.015 Mompha raschkiella	- Mines fairly common
41.002 Blastobasis adustella	- Very common
41.003 Blastobasis lacticolella	- Fairly common
44.001 Twenty-plume Moth	- 1 on June 2nd
45.004 Triangle Plume	- 1 on Aug. 18 th
45.044 Common Plume	- Singles on June 30 th + July 21st
48.001 Nettle-tap	- Quite common

49.013	Large Fruit-tree Tortrix	- 3 on June 30th
49.025	Barred Fruit-tree Tortrix	- 1 on June 30th
49.031	Timothy Tortrix	- Scarce
49.038	Clepsis consimilana	- 1 on June 30th
49.039	Light Brown Apple Moth	- 1 on June 2nd
49.062	Acleris forsskaleana	- 1 on June 30th
49.070	Rhomboid Tortrix	- 1 on Oct. 13 th
49.086	Acleris logiana	- 1 on June 30 th to Cabin outside light
49.109	Agapeta hamana	- Quite common
49.111	Eupocelia angustana	- Singles on June 2 nd + July 21st
49.139	Cochylis atricapitana	- Singles on July 21st + Aug. 18th
49.147	Plum Tortrix	- 1 on June 16th
49.149	Apotomis turbidana	- 3 on June 16th
49.150	Apotomis betuletana	- 1 on Aug. 3 rd
49.154	Orthotaenia undulana	- Occasional
49.166	Celypha lacunana	- Very common
49.188	Endothenia marginana	- 2 on Aug. 18 th
49.194	Bactra lancealana	- 1 on Aug. 3 rd
49.214	Ancylis badiana	- Common
49.248	Nut Bud Moth	- Common at Tag meadow
49.249	Epinoxia ramella	- 1 at dusk on Aug. 3rd + 1 to light on
	Aug. 18th	
49.254	Epinoxia bilunana	- Scarce
49.255	Epinoxia nisella	- 1 on Aug. 3 rd + Aug. 18th
49.265	Eucosma cana	- Fairly common
49.269	Eucosma compolilana	- 1 on June 16th
49.292	Notocelia cynosbatella	- 1 on June 2 nd at North Loop
49.294	Bramble Shoot Moth	- Quite common
49.324	Pea Moth	- 2 on June 10th
49.341	Cydia splendana	- Singles on July 21 st + 1 on Aug. 3 rd
	+ Aug. 18th	
49.347	Grapholita compositella	- 1 on June 10 th
54.008	Six Spot Burnet	- 1 on July 5th Tag meadow
54.009	Narrow-bordered Five-spot Burnet	- Present in relatively small
	numbers	
55.001	Small Skipper	- Good numbers on North Loop
55.002	Large Skipper	- Common
56.001	Large White	- Uncommon as would be expected
56.002	Small White	- Fairly common
57.002	Purple Hairstreak	- 2 on July 5 th , probably common
57.003	Small Copper	- 1 on July 19 th at North Loop
58.005	Peacock	- 1 spring record
58.006	Comma	- 1 spring record
59.001	Speckled Wood	- Scarce
59.003	Gatekeeper	- Present in good numbers
59.004	Meadow Brown	- Very common
59.006	Ringlet	- Common
62.001	Bee Moth	- 1 on June 16 th , a female
62.036	Acrobasis advenella	- Fairly common

62.042 Thistle Ermine	- 1 on June 2nd
62.065 False Cacao Moth RECORD)	- One on Aug.3 (SECOND COUNTY)
62.072 Meal Moth	- 1 on July 21 st
63.016 Small China-mark	- Common, peaking at 5 on Aug. 3 rd
63.018 Anania coronata	- 2 on Aug. 18 th
63.020 Anania perlucidalis	- 1 on June 30th
63.025 Small Magpie	- Scarce, very small numbers
63.033 Udea lutealis areas	- Occasionally seen in the meadow
63.034 Udea prunalis Aug. 3rd	- Singles on July 14th, July 21 st +
63.038 Mother of Pearl	- Common
63.062 Scoparia subfusca Aug. 18th	- 1 on June 2 nd + 3 on 16 th , 1 on
63.064 Scoparia ambigualis recorded	- 1 record but probably under
63.066 Scoparia pyralella	- 1 on June 2nd
63.067 Eudonia lacustrata	- Very common
63.074 Eudonia mercurella	- Regular
63.080 Garden Grass Venner	- Particularly common by day
63.081 Crambus pascuella	- Scarce
63.086 Crambus lathoniellus	- Scarce
63.089 Agriphila tristella	- Very common
63.093 Agriphila straminella	- Regular
63.115 Water Veneer	- 1 or 2 throughout June
65.001 Scalloped Hook-tip on Aug. 3rd	- 1 on July 14 th + five on July 21 st , 1
65.005 Pebble Hook-tip	- Regular in small numbers
65.008 Peach Blossom	- 3 on June 2 nd + 1 on June 16th
65.009 Buff Arches	- Small numbers throughout June
65.013 Common Lutestring	- 1 on July 14th
69.002 Eyed Hawkmoth	- 1 on June 2nd
69.003 Poplar Hawkmoth	- Regular, 10 on June 2nd
69.016 Elephant Hawkmoth	- Regular in small numbers
70.011 Single-dotted Wave	- Fairly common
70.013 Small Fan-footed Wave	- Very common
70.016 Riband Wave	- Common
70.018 Plain Wave	- 1 on Oct. 13 th
70.029 Blood-vein + 1 to light Aug. 3rd	- 1 by day on June 10 th at North Loop
70.045 Shaded Broad-bar	- Common by day and to light
70.049 Garden Carpet	- Scarce
70.052 Dark-barred Twin-spot Carpet	- Fairly regular in ones and twos
70.053 Flame Carpet	- 1 on July 21st + 1 on Aug. 3rd
70.054 Silver Ground Carpet	- Fairly common
70.059 Yellow Shell	- Common
70.061 Common Carpet	- Regular
70.074 July Highflier	- Common
70.086 Broken-barred Carpet	- 1 on June 2nd
70.089 Phoenix	- Singles on June 16 th + July 21st

70.090 Chevron	- 1 on Aug. 3 rd
70.091 Northern Spinach	- 1 on July 14 th
70.093 Barred Straw	- 1 on June 30 th
70.094 Small Phoenix	- Regular in small numbers
70.095 Red-green Carpet	- 1 on Sept. 1 st
70.097 Common Marbled Carpet	- Scarce
70.098 Dark Marbled Carpet	- ????
70.100 Green Carpet	- Fairly common
70.105 Northern Winter Moth	- One male on Nov. 1 st
70.106 Winter Moth larvae collected in May	- One female reared Dec 6 th from
70.121 Scallop Shell	- 2 on July 14 th
70.133 Small Rivulet	- 1 on July 21 st + 1 on Aug. 3 rd
70.141 Double-striped Pug	- Scarce
70.142 V Pug	- 1 on June 30 th
70.144 Green Pug	- 1 on July 21 st
70.147 Slender Pug	- Scarce
70.173 Lime-speck Pug	- 1 on Aug. 3 rd
70.183 Common Pug	- Scarce
70.193 Lunar Underwing	- 1 on Sept. 29 th
70.195 Streak	- 1 on Sept. 29 th
70.207 Clouded Border	- Very common
70.226 Brimstone Moth	- Singles occasionally seen
70.234 Canary-shouldered Thorn	- Common
70.235 Dusky Thorn	- 1 on Aug. 3 rd + Aug. 18 th
70.237 Early Thorn	- Several on June 30 th
70.240 Scalloped Hazel	- 5 on June 2 nd
70.241 Scalloped Oak	- Singles on June 16 th + July 21 st
70.243 Swallow-tailed Moth	- 2 on June 30 th
70.244 Feathered Thorn	- 4 on Oct. 13 th
70.252 Peppered Moth	- Scarce
70.258 Willow Beauty	- Scarce
70.265 Mottled Beauty	- Occasional
70.270 Engrailed	- Uncommon, singles only
70.274 Grey Birch	- 1 on June 2 nd
70.277 Common White Wave	- Scarce
70.278 Common Wave	- Regular in small numbers
70.279 White-pinion Spotted	- 1 on June 2 nd
70.280 Clouded Silver	- 1 on June 2 nd
70.283 Light Emerald	- Regular in small numbers
70.305 Common Emerald	- 4 on June 30 th
70.299 Large Emerald	- Regular in small numbers
71.005 Sallow Kitten ads to light on Aug. 3 rd	- 1 larva July 19 th (parasitised), 2
71.013 Pebble Prominent	- 1 on July 14 th
71.018 Lesser Swallow Prominent	- Regular in small numbers
71.020 Pale Prominent	- 2 on Aug. 3 rd + 1 on Aug. 18 th
71.025 Buff-tip	- 1 on June 16 th
72.002 Straw Dot	- Common by day and to light
72.003 Snout	- Regular in small numbers

72.009 White Satin	- 1 on June 30th
72.015 Pale Tussock	- Scarce
72.020 White Ermine	- Fairly common
72.031 Cinnabar	- Larvae very common
72.043 Buff Footman	- ????
72.044 Dingy Footman	- Rare owing to ID uncertainty
72.045 Common Footman	- Common
72.053 Fan-foot	- Singles on June 16 th + July
14th	
72.061 Pinion-streaked Snout	- 1 Sept. 29 th
72.063 Blackneck	- Singles on June 30 th + July
14th	
73.001 Spectacle	- Singles on June 2 nd and June
16th	
73.012 Burnished Brass	- 1 on July 14th
73.015 Silver Y	- Fairly common
73.016 Beautiful Golden Y	- Regular in small numbers
73.017 Plain Golden Y	- ????
73.062 Copper Underwing	- ????
73.063 Svennson's Copper Underwing	- Fairly common
73.084 Marbled Beauty	- 1 record on June 16th
73.092 Mottled Rustic	- 1 on June 30th
73.100 Silky Wainscot	- 1 on July 14th
73.107 Old Lady	- Singles on Aug. 3rd + Aug.18th
73.113 Angle Shades	- 1 on June 16th
73.114 Small Angle Shades	- 1 on June 2nd
73.118 Haworth's Minor	- 1 on Aug. 3 rd
73.121 Frosted Orange	- 1 on Sept. 29 th
73.123 Rosy Rustic	- 3 on July 21st + 1 on Aug. 3 rd ,
2 on Aug.18 th , 7 Sept. 1st	
73.131 Flounced Rustic	- 1 on Aug. 18 th
73.136 Bulrush Wainscot	- Larval signs Mar.22nd + 1 adult
to light Aug. 18th	
73.147 Small Dotted Buff	- 1 on June 30th
73.156 Clouded-bordered Brindle	- Fairly common
73.158 Rustic Shoulder Knot	- 1 on June 30th
73.160 Slender Brindle	- Regular, usually singles
73.162 Dark Arches	- Very common
73.165 Confused	- 2 on June 30 th
73.168 Doubled Lobed	- 1 on July 14th
73.169 Common/Lesser Rustic agg.	- Common
73.171 Rosy Minor	- One on Aug. 18 th
73.173 Marbled Minor	- 1 on June 30 th (Gen. Det. CS).
Likely to be quite regular	
73.176 Middle-barred Minor	- Fairly regular
73.180 Barred Sallow	- 2 on Sept. 29 th
73.181 Pink-barred Sallow	- 6 on Sept. 29 th
73.182 Sallow	- Fairly common

73.211 Angle-striped Sallow	- 1 on July 21 st + 5 on Aug. 3rd
73.216 Dun-bar	- Very common
73.219 Centre-barrred Sallow	- 1 on Aug. 18 th
73.221 Suspected	- 3 on June 30th
73.222 Dingy Shears	- 1 on June 30th
73.233 Black Rustic	- 1 on Oct. 13 th
73.254 Antler Moth	- 2 on July 21 st + 3 on Aug. 3rd
73.264 Pale-shouldered Brocade	- 1 on June 2nd
73.267 Bright-line Brown-eye	- Regular
73.290 Brown-line Bright-eye	- 1 on July 21st
73.291 Common Wainscot	- Scarce
73.293 Smoky Wainscot	- Very common
73.294 Southern Wainscot	- One on July 21 st
73.298 Clay	- Fairly common in small
numbers	
73.317 Heart and Dart	- Common
73.325 Shuttle-shaped Dart	- Fairly common
73.327 Dark Sword-grass	- 1 on Sept. 29 th
73.328 Flame	- Singles on June 2 nd + June
14th	
73.329 Flame Shoulder	- Fairly common
73.332 Purple Clay	- 1 on June 30th
73.333 Ingrailed Clay	- Common
73.334 Small Square-spot	- 1 on Aug. 3 rd
73.342 Large Yellow Underwing	- Common
73.343 Broad-bordered Yellow Underwing	- 1 on July 21st + 1 on Aug.18th
73.345 Lesser Yellow Underwing	- Scarce
73.345 Least Yellow Underwing	- 3 on Aug.3rd + 5 on Aug.18th
73.348 Lesser Broad-bordered Yellow Underwing	- 3 on July 21st + 4 on
Aug. 3 rd	
73.353 Dotted Clay	-1 On July 14 th + 4 on July 21st
73.357 Square-spot Rustic	- 10 on Aug.18 th
73.358 Six-striped Rustic	- 3 on Aug. 3 rd
73.359 Setaceous Hebrew Character	- Regular
73.360 Gothic	- 1 very worn July 21 st
74.008 Green Silver-lines	- Singles on June 2 nd + June
16 th	

It's worth noting that in July Brian Cain, former lepidoptera recorder for the Halifax Scientific Society, recorded both Essex Skipper and July Belle during the "big butterfly count". There are no photographs or voucher specimens to substantiate these records however.

TOTAL SPECIES RECORDED: 287

FIRST RECORDS FOR CALDERDALE

FENLAND PEARL (*ANANIA PERLUCIDALIS*) – JUNE 30TH

GREY BIRCH BUTTON (*ACLERIS LOGIANA*) – JUNE 30TH

MOUSE-EAR GROUNDLING (*CARYOCOLUM FRATERNELLA*) – July 21st

FALSE CACAO MOTH (*EPHESTIA UNICOLORELLA*) – AUG. 3RD (GEN. DET. HARRY BEAUMONT)

Photos of these four species and many more can be found on [Charlie's Calderdale Moths](#) web site.