

**A SUMMARY OF SPECIES RECORDED AT CROMWELL BOTTOM IN 2018 USING  
MV LIGHT AND INFREQUENT FIELD TRIPS.**

**NB: THIS IS BY NO MEANS A COMPREHENSIVE SURVEY OF THE RESERVE  
ALL MOTHS RECORDED AT LIGHT ARE FROM THE CABIN/CAFE AREA**

**KEY:**

**TO LIGHT ONLY**

**BY DAY ONLY**

**LEAF MINE, LARVA OR FEEDING SIGNS**

**RECORDED BY MORE THAN ONE METHOD**

**\*\*\*\*\* = No details available**

**FIRST TWO DIGITS = FAMILY**

**DIGITS AFTER POINT = SPECIES**

---

2.001 <i>Dyseriocrania subpurpurella</i>	- Very common as a miner + adult
4.002 <i>Stigmella lapponica</i>	- A common miner
4.010 <i>Stigmella microtheriella</i>	- One mine Aug.14 <sup>th</sup>
4.015 <i>Rose Leaf Miner</i>	- One mine Aug. 14 <sup>th</sup>
4.023 <i>Stigmella crataegella</i>	- Two mines Aug. 14 <sup>th</sup>
4.025 <i>Stigmella nylandriella</i>	- A common miner
4.030 <i>Stigmella hybnerella</i>	- A common miner
4.035 <i>Stigmella salicis</i>	- One mine Aug. 14 <sup>th</sup>
4.038 <i>Stigmella obliquella</i>	- One mine Aug. 14 <sup>th</sup>
4.045 <i>Stigmella aurella</i>	- A very common miner
4.060 <i>Stigmella ruficapitella</i>	- A fairly common miner
7.012 <i>Nematopogon schwarziellus</i>	- One on June 2 <sup>nd</sup>
10.001 <i>Emmetia marginea</i>	- A fairly common miner
12.016 <i>Cork Moth</i>	- 3 on June 1st
15.010 <i>Caloptilia stigmatella</i>	- 1 June 14 <sup>th</sup> (at dusk)
15.028 <i>Parornix anglicella</i>	- Feeding signs very common
15.032 <i>Parornix finitimella</i>	- Tenanted leaf fold Aug. 14th
15.039 <i>Phyllonorycter quercifoliella</i>	- A very common miner
15.054 <i>Phyllonorycter viminiella</i>	- Leaf mine at Tag meadow on Aug. 14 <sup>th</sup> , adult reared
15.058 <i>Phyllonorycter hilarella</i>	- A regular miner
15.073 <i>Phyllonorycter lautella</i>	- One mine July 5 <sup>th</sup> (reared)
15.075 <i>Phyllonorycter ulmifoliella</i>	- A common miner
15.089 <i>Horse Chestnut Leaf Miner</i>	- A common miner on one tree
16.001 <i>Bird Cherry Ermine</i>	- Common
17.003 <i>Honeysuckle Moth</i>	- 2 on July 21st
18.001 <i>Diamond-backed Moth</i>	- Uncommon
18.003 <i>Plutella porrectella</i>	- Singles on June 2 <sup>nd</sup> + July 21st
20.016 <i>Argyresthia retinella</i>	- One on June 2 <sup>nd</sup> (at dusk)
20.012 <i>Argyresthia goedartella</i>	- Common
21.001 <i>Lyonetia clerkella</i>	- A fairly common miner
28.009 <i>White-shouldered House Moth</i>	- Fairly common
28.010 <i>Brown House Moth</i>	- Occasional singles
28.019 <i>Esperia sulphurella</i>	- One on June 2nd
31.001 <i>Carcina quercana</i>	- Fairly common
32.007 <i>Agonopterix ocellana</i>	- Singles on June 30th, July 21 <sup>st</sup> + Aug. 3rd
32.017 <i>Agonopterix arenella</i>	- 1 on Aug.18 <sup>th</sup>
32.018 <i>Agonopterix heracliانا</i>	- 1 on July 21 <sup>st</sup> (hindwing checked CS)
34.004 <i>Limnaecia phragmitella</i>	- 2 on July 14th
35.010 <i>Aproaerema anthyllidella</i>	- 1 on July 21st
35.038 <i>Bryotropha domestica</i>	- 1 on June 2 <sup>nd</sup>
35.047 <i>Bryotropha affinis</i>	*****
35.132 <i>Caryocolum fraternella</i>	- 1 on July 21st

37.015	<b>Coleophora serratella</b>	- A fairly common miner
37.044	<b>Coleophora discordella</b>	- Mines + case on May 12th
37.048	<b>Coleophora mayrella</b>	- 1 on June 10th
37.073	<b>Coleophora alticolella agg.</b>	- Cases on juncus fairly common
37.102	<b>Coleophora argentula</b>	- Larval cases uncommon
38.004	<b>Elachista argentella</b>	- 1 on June 2 <sup>nd</sup> (at dusk)
38.025	<b>Elachista atricomella</b>	- 1 on June 16th
40.010	<b>Mompha epilobiella</b>	- 1 on July 21 <sup>st</sup>
40.015	<b>Mompha raschkiella</b>	- Mines fairly common
41.002	<b>Blastobasis adustella</b>	- Very common
41.003	<b>Blastobasis lacticolella</b>	- Fairly common
44.001	<b>Twenty-plume Moth</b>	- 1 on June 2 <sup>nd</sup>
45.004	<b>Triangle Plume</b>	- 1 on Aug. 18 <sup>th</sup>
45.044	<b>Common Plume</b>	- Singles on June 30 <sup>th</sup> + July 21 <sup>st</sup>
48.001	<b>Nettle-tap</b>	- Quite common
49.013	<b>Large Fruit-tree Tortrix</b>	- 3 on June 30th
49.025	<b>Barred Fruit-tree Tortrix</b>	- 1 on June 30th
49.031	<b>Timothy Tortrix</b>	- Scarce
49.038	<b>Clepsis consimilana</b>	- 1 on June 30th
49.039	<b>Light Brown Apple Moth</b>	- 1 on June 2 <sup>nd</sup>
49.062	<b>Acleris forsskaleana</b>	- 1 on June 30th
49.086	<b>Acleris logiana</b>	- 1 on June 30 <sup>th</sup> to Cabin outside light
49.109	<b>Agapeta hamana</b>	- Quite common
49.111	<b>Eupocelia angustana</b>	- Singles on June 2 <sup>nd</sup> + July 21 <sup>st</sup>
49.139	<b>Cochylis atricapitana</b>	- Singles on July 21 <sup>st</sup> + Aug. 18 <sup>th</sup>
49.147	<b>Plum Tortrix</b>	- 1 on June 16th
49.149	<b>Apotomis turbidana</b>	- 3 on June 16th
49.150	<b>Apotomis betuletana</b>	- 1 on Aug. 3 <sup>rd</sup>
49.154	<b>Orthotaenia undulana</b>	- Occasional
49.166	<b>Celypha lacunana</b>	- Very common
49.188	<b>Endothenia marginana</b>	- 2 on Aug. 18 <sup>th</sup>
49.194	<b>Bactra lancealana</b>	- 1 on Aug. 3 <sup>rd</sup>
49.214	<b>Ancylis badiana</b>	- Common
49.248	<b>Nut Bud Moth</b>	- Common at Tag meadow
49.249	<b>Epinotia ramella</b>	- 1 at dusk on Aug. 3 <sup>rd</sup> + 1 to light on Aug. 18 <sup>th</sup>
49.254	<b>Epinotia bilunana</b>	- Scarce
49.255	<b>Epinotia nisella</b>	- 1 on Aug. 3 <sup>rd</sup> + Aug. 18 <sup>th</sup>
49.265	<b>Eucosma cana</b>	- Fairly common
49.269	<b>Eucosma compolilana</b>	- 1 on June 16th
49.292	<b>Notocelia cynosbatella</b>	- 1 on June 2 <sup>nd</sup> at North Loop
49.294	<b>Bramble Shoot Moth</b>	- Quite common
49.324	<b>Pea Moth</b>	- 2 on June 10th
49.341	<b>Cydia splendana</b>	- Singles on July 21 <sup>st</sup> + 1 on Aug. 3 <sup>rd</sup> + Aug. 18 <sup>th</sup>
49.347	<b>Grapholita compositella</b>	- 1 on June 10 <sup>th</sup>
54.008	<b>Six Spot Burnet</b>	- 1 on July 5 <sup>th</sup> Tag meadow
54.009	<b>Narrow-bordered Five-spot Burnet</b>	- Present in relatively small numbers
55.001	<b>Small Skipper</b>	- Good numbers on North Loop
55.002	<b>Large Skipper</b>	- Common
56.001	<b>Large White</b>	- Uncommon as would be expected
56.002	<b>Small White</b>	- Fairly common
57.002	<b>Purple Hairstreak</b>	- 2 on July 5 <sup>th</sup> , probably common
57.003	<b>Small Copper</b>	- 1 on July 19 <sup>th</sup> at North Loop
58.005	<b>Peacock</b>	- 1 spring record
58.006	<b>Comma</b>	- 1 spring record
59.001	<b>Speckled Wood</b>	- Scarce
59.003	<b>Gatekeeper</b>	- Present in good numbers
59.004	<b>Meadow Brown</b>	- Very common

59.006 Ringlet	- Common
62.001 Bee Moth	- 1 on June 16 <sup>th</sup> , a female
62.036 Acrobasis advenella	- Fairly common
62.042 Thistle Ermine	- 1 on June 2nd
62.065 False Cacao Moth	- One on Aug.3 (SECOND COUNTY RECORD)
62.072 Meal Moth	- 1 on July 21 <sup>st</sup>
63.016 Small China-mark	- Common, peaking at 5 on Aug. 3 <sup>rd</sup>
63.018 Anania coronata	- 2 on Aug. 18 <sup>th</sup>
63.020 Anania perlucidalis	- 1 on June 30th
63.025 Small Magpie	- Scarce, very small numbers
63.033 Udea lutealis	- Occasionally seen in the meadow areas
63.034 Udea prunalis	- Singles on July 14th, July 21 <sup>st</sup> + Aug. 3rd
63.038 Mother of Pearl	- Common
63.062 Scoparia subfusca	- 1 on June 2 <sup>nd</sup> + 3 on 16 <sup>th</sup> , 1 on Aug. 18th
63.064 Scoparia ambigualis	- 1 record but probably under recorded
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	- 1 on July 14 <sup>th</sup> + five on July 21 <sup>st</sup> , 1 on Aug. 3rd
65.005 Pebble Hook-tip	- Regular in small numbers
65.008 Peach Blossom	- 3 on June 2 <sup>nd</sup> + 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
70.029 Blood-vein	- 1 by day on June 10 <sup>th</sup> at North Loop + 1 to light Aug. 3rd
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 <sup>th</sup> + July 21st
70.090 Chevron	- 1 on Aug. 3 <sup>rd</sup>
70.091 Northern Spinach	- 1 on July 14 <sup>th</sup>
70.093 Barred Straw	- 1 on June 30th
70.094 Small Phoenix	- Regular in small numbers
70.097 Common Marbled Carpet	- Scarce
70.098 Dark Marbled Carpet	- *****
70.100 Green Carpet	- Fairly common
70.121 Scallop Shell	- 2 on July 14th
70.133 Small Rivulet	- 1 on July 21st + 1 on Aug. 3rd
70.141 Double-striped Pug	- Scarce
70.142 V Pug	- 1 on June 30th

70.144 Green Pug	- 1 on July 21 <sup>st</sup>
70.147 Slender Pug	- Scarce
70.173 Lime-speck Pug	- 1 on Aug. 3 <sup>rd</sup>
70.183 Common Pug	- Scarce
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 <sup>rd</sup> + Aug. 18th
70.237 Early Thorn	- Several on June 30th
70.240 Scalloped Hazel	- 5 on June 2nd
70.241 Scalloped Oak	- Singles on June 16 <sup>th</sup> + July 21st
70.243 Swallow-tailed Moth	- 2 on June 30th
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 2nd
70.277 Common White Wave	- Scarce
70.278 Common Wave	- Regular in small numbers
70.279 White-pinion Spotted	- 1 on June 2nd
70.280 Clouded Silver	- 1 on June 2nd
70.283 Light Emerald	- Regular in small numbers
70.305 Common Emerald	- 4 on June 30th
70.299 Large Emerald	- Regular in small numbers
71.005 Sallow Kitten	- 1 larva July 19 <sup>th</sup> (parasitised), 2 ads to light on Aug. 3rd
71.013 Pebble Prominent	- 1 on July 14th
71.018 Lesser Swallow Prominent	- Regular in small numbers
71.020 Pale Prominent	- 2 on Aug. 3rd + 1 on Aug. 18th
71.025 Buff-tip	- 1 on June 16th
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
72.024 Ruby Tiger	- 1 on Aug. 18 <sup>th</sup>
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 <sup>th</sup> + July 14th
72.063 Blackneck	- Singles on June 30 <sup>th</sup> + July 14th
73.001 Spectacle	- Singles on June 2 <sup>nd</sup> 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
73.096 Uncertain	- Regular in small numbers
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 <sup>rd</sup>
73.123 Rosy Rustic	- 3 on July 21st + 1 on Aug. 3 <sup>rd</sup> , 2 on Aug.18th

73.131 Flounced Rustic	- 1 on Aug. 18 <sup>th</sup>
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 <sup>th</sup>
73.168 Doubled Lobed	- 1 on July 14th
73.169 Common/Lesser Rustic agg.	- Common
73.171 Rosy Minor	- One on Aug. 18 <sup>th</sup>
73.173 Marbled Minor	- 1 on June 30 <sup>th</sup> (Gen. Det. CS). Likely to be quite regular
73.176 Middle-barred Minor	- Fairly regular
73.182 Sallow	- Fairly common
73.211 Angle-striped Sallow	- 1 on July 21 <sup>st</sup> + 5 on Aug. 3rd
73.216 Dun-bar	- Very common
73.219 Centre-barred Sallow	- 1 on Aug. 18 <sup>th</sup>
73.221 Suspected	- 3 on June 30th
73.222 Dingy Shears	- 1 on June 30th
73.254 Antler Moth	- 2 on July 21 <sup>st</sup> + 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 <sup>st</sup>
73.298 Clay	- Fairly common in small numbers
73.317 Heart and Dart	- Common
73.325 Shuttle-shaped Dart	- Fairly common
73.328 Flame	- Singles on June 2 <sup>nd</sup> + 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 <sup>rd</sup>
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 <sup>rd</sup>
73.353 Dotted Clay	-1 On July 14 <sup>th</sup> + 4 on July 21st
73.357 Square-spot Rustic	- 10 on Aug.18 <sup>th</sup>
73.358 Six-striped Rustic	- 3 on Aug. 3 <sup>rd</sup>
73.359 Setaceous Hebrew Character	- Regular
73.360 Gothic	- 1 very worn July 21 <sup>st</sup>
74.008 Green Silver-lines	- Singles on June 2 <sup>nd</sup> +June 16 <sup>th</sup>

**TOTAL SPECIES RECORDED IN 2018: 254**

---

### **FIRST RECORDS FOR CALDERDALE**

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

**BLACK-HEADED BIRCH LEAF-FOLDER (*ACLERIS LOGIANA*) – JUNE 30TH**

**MOUSE-EAR GROUNDLING (*CARYOCOLUM FRATERNELLA*) – July 21<sup>st</sup>  
ID – HARRY BEAUMONT/CS**

**FALSE CACAO MOTH (*EPHESTIA UNICOLORELLA*) – AUG. 3RD**