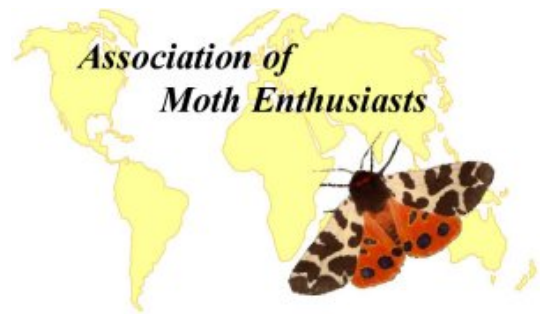




Treraven Farm

Wadebridge, VC2

27th June 2014



This was a group trapping session arranged to support the Gaia Trust site at Treraven Farm, Near Wadebridge.

At each trapping site, the moths were collected as they arrived, identified, logged, and stored in "Keep Nets" for release at the end of the session.

Two traps were used in this session by AME members, supported by Kate Ogle and Meg Lamond, other AME Members. Meg was also present as the Gaia Trust representative.

The trap at position "A" was operated by Frank Johns (below right) using a 125W Mercury Vapour lamp mounted on a small tripod over a sheet at the junction on the track adjacent to the entrance of the field usually used for Moth Trapping Events.

The other trap at "B" was operated by Pat & Tony James (below left), and consisted of a Net Pyramid over 2x25W Black UV & 2x25W Daylight lamps on a short stand over a sheet laid on the ground at the junction of the track from the Car Park.



The trapping session was held between 22.00 and Midnight. Over the 2 hour period, 195 moths were collected, representing 68 species. The weather was clear, but with threatening rain showers which didn't actually impinge on our sites. The temperature was warm, with no wind present, and both trap-sites were sheltered by the surrounding trees.



Notable species recorded at this session:

The **Waved Carpet** is a **Nationally Scarce B-List** species which appeared at "A" & "B". Foodplants Alder, Birch, and Sallow.

The **Ruddy Carpet** is another **Nb List** species, and 3 appeared at "A". Foodplants: Bedstraws

A specimen of **Phlyctaenia stachydalis (Woundwort Pearl)** was recorded at "A". This species is rarely recorded in Cornwall. Foodplant: Woundworts.

Pandemis cerasana, a Tortrix, was found at area "A", and although found throughout Cornwall, is considered a Scarce species – foodplants various trees. Two other Tortrix, **Epiblema rosaecolana**, and **Eucosma cana** are rated as Uncommon, but can be found in suitable areas here.

A summary of all the species recorded are shown on pages 4 & 5, whilst illustrations of the species follow on from here. My thanks go to Frank, & my wife Pat for taking part in the recording, Kate for supporting the event, and particularly Meg for taking part with such enthusiasm.

Tony James (Tel. 01-736-763705)

SPECIES RECORDED THIS NIGHT WERE:

Hepliadae (Swifts)



Ghost Moth (Female)
Common Swift

Tortricidae



Pandemis cerasana
Pandemis heparana
Clepsip consimilana
Cnephasia incertana
Epiblema rosaecolana
Eucosma cana

Pyralidae



Chrysoteuchia culmella
Agriphila straminella
Dipleurina lacustrata
Eudonia delunella
Eudonia mercurella
Small Magpie
Phlyctaenia stachydalis

Pyralidae (ctd)

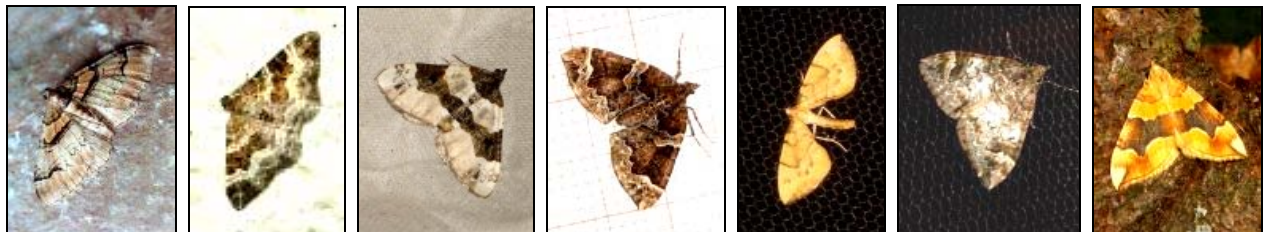


Udea olivalis
Bee Moth

Geometridae



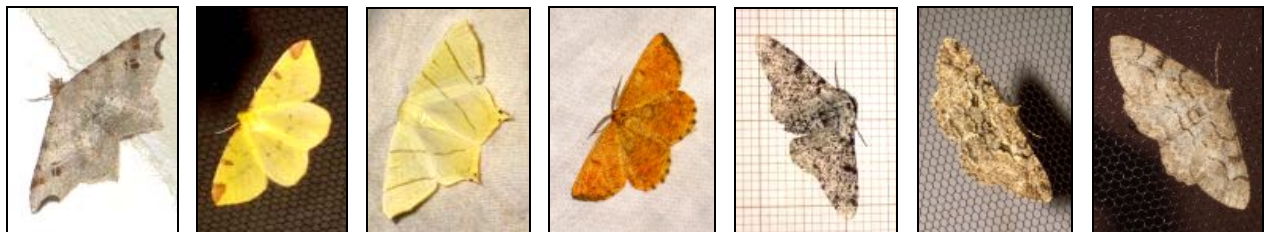
Common Emerald
Small Fan-footed Wave
Riband Wave (Banded Form)
Riband Wave (Non-Banded)



Ruddy Carpet
Common Carpet
Purple Bar
Phoenix
Barred Straw
Common Marbled Carpet
Barred Yellow



July Highflyer
Scallop Shell
Rivulet
Sandy Carpet
Green Pug
Waved Carpet
Scorched Carpet



Sharp-angled Peacock
Brimstone Moth
Swallow-tailed Moth
Orange Moth
Peppered Moth
Willow Beauty
Mottled Beauty



Brussels
Lace



Square
Spot



Clouded
Silver



Light
Emerald

Sphingidae



Lime
Hawkmoth



Elephant
Hawkmoth



Muslin
Footman



Dingy
Footman



Buff
Ermine

Arctiidae

Noctuidae :



Heart & Dart



Flame



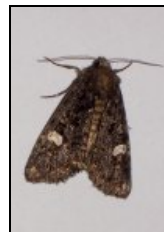
Flame
Shoulder



Ingrailed
Clay



Double
Square-spot



Dot
Moth



Clay



Angle
Shades



Dark
Arches



Clouded
Brindle



Rufous
Minor



Rustic



Marbled
White Spot



Beautiful
Golden Y



Plain
Golden Y



Snout



Fan-foot



Small
Fan-foot

Population Numbers Recorded: Treraven Farm (27/6/14)

BLCode	Taxon	Vernacular	Status	TPJ	FJ	Totals
0014	Hepialus humuli	Ghost Moth	Common		1	1
0017	Hepialus lupulinus	Common Swift	Common	1		1
0970	<i>Pandemis cerasana</i>	Barred Fruit tree Tortrix	Scarce		1	1
0972	Pandemis heparana	Dark Fruit-tree Tortrix	Common		1	1
0994	Clepsis consimilana	Privet Twist	Common	5	1	6
1024	Cnephasia incertana	Light Grey Tortrix	Common		1	1
1177	<i>Epiblema rosaecolana</i>	Common Rose Bell	Uncommon	1	1	2
1201	<i>Eucosma cana</i>	Hoary Bell	Uncommon	1	1	2
1293	Chrysoteuchia culmella	Garden Grass-veneer	Common		9	9
1304	Agriphila straminella	Straw Grass-veneer	Common	3		3
1338	Dipleurina lacustrata	Little Grey	Common	3	2	5
1343	<i>Eudonia delunella</i>	Pied Grey	Local	1	1	2
1344	Eudonia mercurella	Small Grey	Common	2		2
1376	Eurrhyncha hortulata	Small Magpie	Common		2	2
1384	<i>Phlyctaenia stachydalis</i>	Woundwort Pearl	Rarely Recorded		1	1
1392	Udea olivalis	Olive Pearl	Common	3	2	5
1428	Aphomia sociella	Bee Moth	Common		2	2
1669	Hemithea aestivaria	Common Emerald	Common	6	2	8
1702	Idea biselata	Small Fan-footed Wave	Common	3		3
1713	Idea aversata	Riband Wave	Common	4	2	6
1735	<i>Catarhoe rubidata</i>	Ruddy Carpet	Nb List		3	3
1738	Epirrhoe alternata	Common Carpet	Common		3	3
1752	Cosmorhoe ocellata	Purple Bar	Common	1	1	2
1754	Eulithis prunata	Phoenix	Common	1		1
1758	Eulithis pyraliata	Barred Straw	Common	1		1
1764	Chloroclysta truncata	Common Marbled Carpet	Common		1	1
1765	Cidaria fulvata	Barred Yellow	Common	1	2	3
1777	Hydriomena furcata	July Highflyer	Common	1	1	2
1789	Rheumaptera undulata	Scallop Shell	Local		1	1
1802	Perizoma affinitata	Rivulet	Common	1		1
1808	Perizoma flavofasciata	Sandy Carpet	Common	1	4	5
1860	Pasiphila rectangulata	Green Pug	Common	5	1	6
1877	<i>Hydrelia sylvata</i>	Waved Carpet	Nb List	2	1	3
1888	<i>Ligdia adustata</i>	Scorched Carpet	Local	3		3
1890	<i>Macaria alternata</i>	Sharp-angled Peacock	Local	3	1	4
1906	Opisthograptis luteolata	Brimstone Moth	Common	10	2	12
1922	Ourapteryx sambucaria	Swallow-tailed Moth	Common	2		2
1924	<i>Angerona prunaria</i>	Orange Moth	Local		2	2
1931	Biston betularia	Peppered Moth	Common		1	1
1937	Peribatodes rhomboidaria	Willow Beauty	Common	3	1	4
1941	Alcis repandata	Mottled Beauty	Common		2	2
1945	<i>Cleorodes lichenaria</i>	Brussels Lace	Local		1	1
1949	<i>Paradarisa consonaria</i>	Square Spot	Local	1		1
1958	Lomographa temerata	Clouded Silver	Common	2		2
1961	Campaea margaritata	Light Emerald	Common	1	1	2
1979	Mimas tiliae	Lime Hawkmoth	Common		1	1
1991	Deilephila elpenor	Elephant Hawkmoth	Common		1	1
2038	<i>Nudaria mundana</i>	Muslin Footman	Local		1	1
2044	Eilema griseola	Dingy Footman	Common	1	1	2
2061	Spilosoma luteum	Buff Ermine	Common	1		1

Association of Moth Enthusiasts

BLCode	Taxon	Vernacular	Status	TPJ	FJ	Totals
2089	<i>Agrotis exclamatoris</i>	Heart & Dart	Common	1	5	6
2098	<i>Axylia putris</i>	Flame	Common		3	3
2102	<i>Ochropleura plecta</i>	Flame Shoulder	Common	2	2	4
2120	<i>Diarsia mendica</i>	Ingrailed Clay	Common		1	1
2128	<i>Xestia triangulum</i>	Double Square-spot	Common	6	5	11
2155	<i>Melanchra persicariae</i>	Dot Moth	Common		1	1
2193	<i>Mythimna ferrago</i>	Clay	Common	1		1
2306	<i>Phlogophora meticulosa</i>	Angle Shades	Common		2	2
2321	<i>Apamea monoglypha</i>	Dark Arches	Common	1	2	3
2327	<i>Apamea epomidion</i>	Clouded Brindle	Common		1	1
2338	<i>Oligia versicolor</i>	Rufous Minor	Local	2	1	3
2382	<i>Hoplodrina blanda</i>	Rustic	Common		2	2
2410	<i>Protodeltote pygarga</i>	Marbled White Spot	Common	2	2	4
2442	<i>Autographa pulchrina</i>	Beautiful Golden Y	Common		1	1
2443	<i>Autographa jota</i>	Plain Golden Y	Common	2		2
2477	<i>Hypena proboscidalis</i>	Snout	Common	7		7
2489	<i>Zanclognatha tarsipennalis</i>	Fan-foot	Common	1	2	3
2492	<i>Herminia grisealis</i>	Small Fan-foot	Common	2	1	3
Count of Insects:				101	94	195
Count of Species:				42	53	68

TPJ	Tony & Pat James	Net Pyramid (2x25W UV+2x25W White)
FJ	Frank Johns	Sheet (125W MV)

* With Kate Ogley

* With Meg Lamond