



LIST OF MOTHS ATTRACTED TO MV LIGHTS DURING 2018 AT HOE GRANGE QUARRY

Moth Species

<i>Triodia sylvina</i>	Orange Swift
<i>Korscheltellus lupulina</i>	Common Swift
<i>Korscheltellus fusconebulosa</i>	Map-winged Swift
<i>Hepialus humuli</i>	Ghost Moth
<i>Yponomeuta evonymella</i>	Bird-cherry Ermine
<i>Ypsolopha scabrella</i>	a moth
<i>Prays fraxinella</i>	Ash Bud Moth
<i>Coleophora mayrella</i>	a moth
<i>Blastobasis adustella</i>	a moth
<i>Amblyptilia acanthadactyla</i>	Beautiful Plume
<i>Emmelina monodactyla</i>	Common Plume
<i>Pandemis corylana</i>	Chequered Fruit-tree Tortrix
<i>Pseudargyrotoza conwagana</i>	a moth
<i>Agapeta hamana</i>	a moth
<i>Celypha lacunana</i>	a moth
<i>Eucosma hohenwartiana</i>	a moth
<i>Udea lutealis</i>	a moth
<i>Udea prunalis</i>	a moth
<i>Udea olivalis</i>	a moth
<i>Pleuroptya ruralis</i>	Mother of Pearl
<i>Scoparia subfusca</i>	a moth
<i>Scoparia pyralella</i>	a moth
<i>Eudonia lacustrata</i>	a moth
<i>Chrysoteuchia culmella</i>	Garden Grass-veneer
<i>Crambus pascuella</i>	a moth
<i>Agriphila tristella</i>	a moth
<i>Agriphila straminella</i>	a moth
<i>Catoptria falsella</i>	a moth
<i>Idaea biselata</i>	Small Fan-footed Wave



Chalk Carpet

photo Steve Orridge

<i>Scotopteryx bipunctaria</i>	Chalk Carpet
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar
<i>Xanthorhoe fluctuata</i>	Garden Carpet
<i>Xanthorhoe spadicearia</i>	Red Twin-spot Carpet
<i>Xanthorhoe designata</i>	Flame Carpet
<i>Xanthorhoe montanata</i>	Silver-ground Carpet
<i>Camptogramma bilineata</i>	Yellow Shell
<i>Epirrhoe alternata</i>	Common Carpet
<i>Gandaritis pyraliata</i>	Barred Straw
<i>Ecliptopera silaceata</i>	Small Phoenix
<i>Dysstroma truncata</i>	Common Marbled Carpet
<i>Colostygia pectinataria</i>	Green Carpet
<i>Perizoma affinitata</i>	Rivulet
<i>Perizoma alchemillata</i>	Small Rivulet
<i>Chloroclystis v-ata</i>	V-Pug
<i>Eupithecia icterata</i>	Tawny Speckled Pug
<i>Lomaspilis marginata</i>	Clouded Border
<i>Macaria wauaria</i>	V-Moth
<i>Chiasmia clathrata</i>	Latticed Heath
<i>Opisthograptis luteolata</i>	Brimstone Moth
<i>Ennomos fuscantaria</i>	Dusky Thorn
<i>Crocallis elinguaris</i>	Scalloped Oak
<i>Alcis repandata</i>	Mottled Beauty
<i>Charissa obscurata</i>	Annulet



Comibaena bajularia

Blotched Emerald

photo Steve Orridge

Blotched Emerald

<i>Pheosia tremula</i>	Swallow Prominent
<i>Ptilodon capucina</i>	Coxcomb Prominent
<i>Rivula sericealis</i>	Straw Dot
<i>Hypena proboscidalis</i>	Snout
<i>Spilosoma lutea</i>	Buff Ermine
<i>Spilosoma lubricipeda</i>	White Ermine
<i>Phragmatobia fuliginosa</i>	Ruby Tiger
<i>Eilema griseola</i>	Dingy Footman
<i>Eilema lurideola</i>	Common Footman
<i>Autographa gamma</i>	Silver Y
<i>Plusia festucae</i>	Gold Spot
<i>Acronicta rumicis</i>	Knot Grass
<i>Allophyes oxyacanthae</i>	Green-brindled Crescent
<i>Phlogophora meticulosa</i>	Angle Shades



Frosted Orange

photo Bill Williams

<i>Gortyna flavago</i>	Frosted Orange
<i>Luperina testacea</i>	Flounced Rustic
<i>Photodes minima</i>	Small Dotted Buff
<i>Apamea remissa</i>	Dusky Brocade
<i>Apamea crenata</i>	Clouded-bordered Brindle
<i>Apamea sordens</i>	Rustic Shoulder-knot
<i>Apamea scolopacina</i>	Slender Brindle
<i>Apamea monoglypha</i>	Dark Arches
<i>Apamea lithoxyloa</i>	Light Arches
<i>Oligia fasciuncula</i>	Middle-barred Minor
<i>Agrochola macilenta</i>	Yellow-line Quaker
<i>Omphaloscelis lunosa</i>	Lunar Underwing
<i>Cosmia trapezina</i>	Dun-bar
<i>Atethmia centrargo</i>	Centre-barred Sallow
<i>Antitype chi</i>	Grey Chi
<i>Aporophylla nigra</i>	Black Rustic
<i>Cerapteryx graminis</i>	Antler Moth
<i>Lacanobia thalassina</i>	Pale-shouldered Brocade
<i>Lacanobia oleracea</i>	Bright-line Brown-eye
<i>Ceramica pisi</i>	Broom Moth
<i>Hada plebeja</i>	Shears
<i>Mythimna conigera</i>	Brown-line Bright-eye
<i>Mythimna pallens</i>	Common Wainscot
<i>Mythimna impura</i>	Smoky Wainscot
<i>Mythimna ferrago</i>	Clay
<i>Leucania comma</i>	Shoulder-striped Wainscot
<i>Agrotis exclamationis</i>	Heart and Dart
<i>Agrotis segetum</i>	Turnip Moth
<i>Agrotis puta</i>	Shuttle-shaped Dart
<i>Axylia putris</i>	Flame
<i>Ochropleura plecta</i>	Flame Shoulder
<i>Diarsia mendica</i>	Ingrailed Clay
<i>Diarsia rubi</i>	Small Square-spot
<i>Noctua pronuba</i>	Large Yellow Underwing
<i>Noctua comes</i>	Lesser Yellow Underwing
<i>Noctua janthe</i>	Lesser Broad-bordered Yellow
<i>Underwing</i>	
<i>Xestia baja</i>	Dotted Clay
<i>Xestia xanthographa</i>	Square-spot Rustic
<i>Xestia c-nigrum</i>	Setaceous Hebrew Character
<i>Amphipyra pyramidea</i> agg.	Copper Underwing agg.
<i>Hoplodrina octogenaria/blanda</i>	Uncertain/Rustic agg.
<i>Mesapamea secalis</i> agg.	Common Rustic agg.
<i>Oligia strigilis</i> agg.	Marbled Minor agg.
	Autumn Green Carpet
	Scalloped Hazel
	Pale Shouldered Brocade



SOME OTHER WILDLIFE SEEN AT HOE GRANGE QUARRY

Dragonflies

Brown Hawker
Southern Hawker
Common Darter
Broad Bodied Chaser
Azure Damselfly
Emperor
Migrant Hawker
Common Hawker



Common Hawker

photo Chris Greaves

Rare Plants

Autumn Gentian
Common Cudweed
Wasp Orchid
Heath Speedwell
Moonwort Fern
Blue Fleabane
Hairy Rock-Cress



Broad Bodied Chaser

photo Christine Maughan



Southern Hawker

photo Jim Steele



Common Darter

photo Ken Orpe

Birds

Brown Hawker
Blackbird
Blackcap
Blue Tit
Bullfinch
Buzzard
Chaffinch
Chiff Chaff
Curlew
Dunnock
Fieldfare
Goldfinch
Great Tit
Grey Partridge
Hobby
House Martin
Jackdaw
Kestrel
Linnet
Little Owl
Merlin
Meadow Pipit
Peregrine Falcon
Pheasant
Pied Wagtail
Raven
Red Kite
Redstart
SkyLark
Song Thrush
Sparrowhawk
Starling
Stock Dove
Stonechat
Swallow
Tawny Owl
Wheatear
Whitethroat
Willow Warbler
Wren



Kestrels photo Dave Gilbert

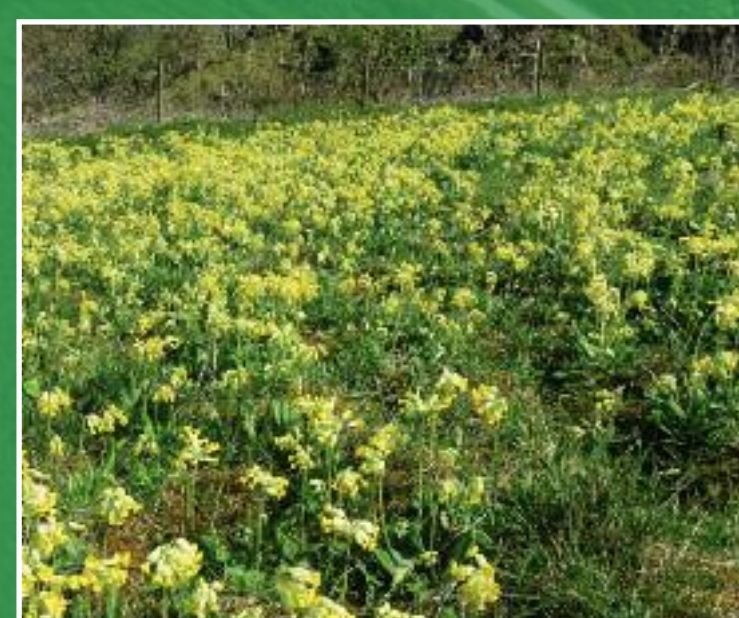
Marsh Orchid

photo Derek Brownlee



Bee Orchid

photo Derek Brownlee



Cowslips

photo Derek Brownlee



Wheatear

photo Derek Brownlee



Little Owl

photo Derek Brownlee

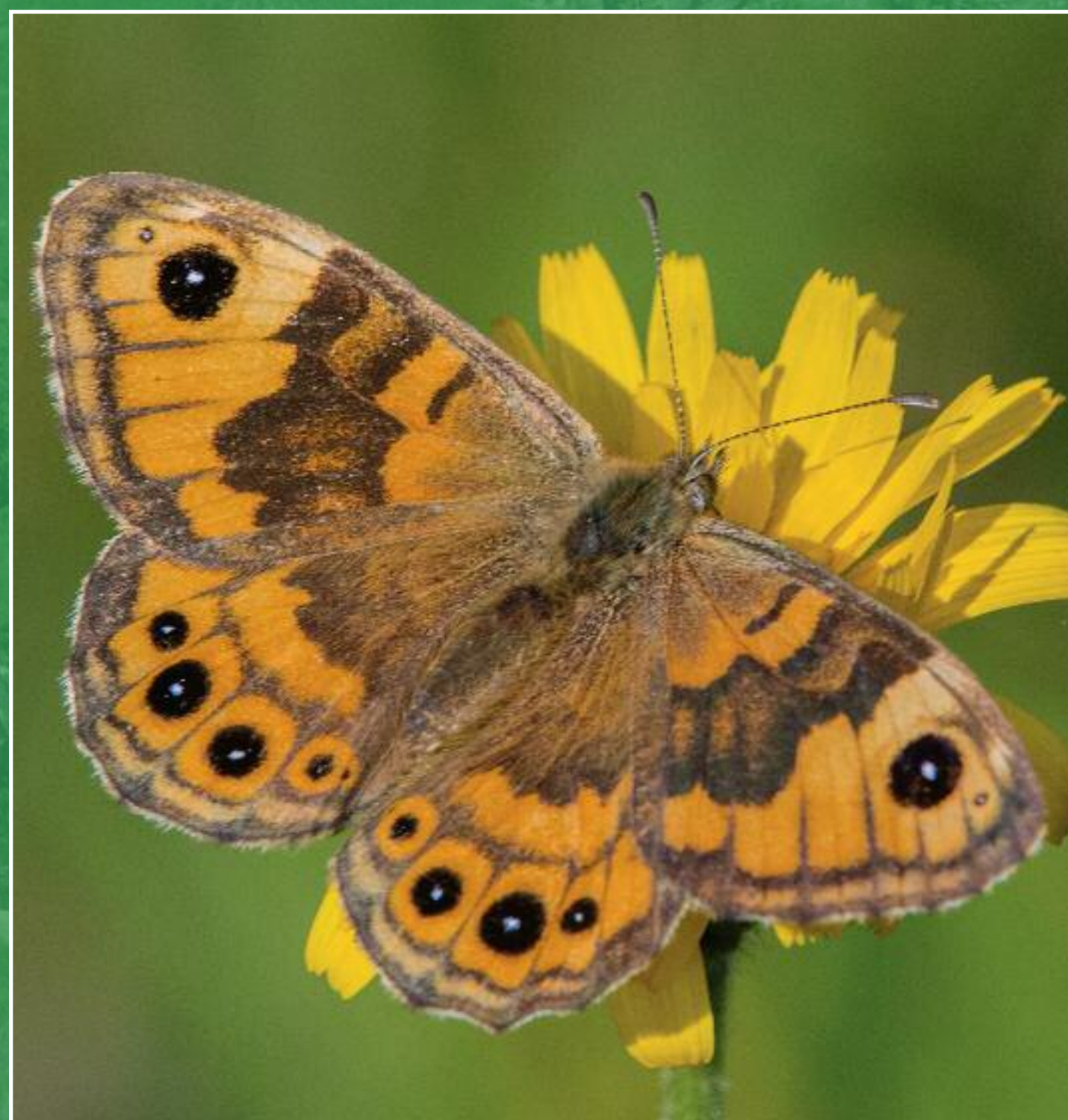


EVENTS AT HOE GRANGE QUARRY, DERBYSHIRE, DURING THE YEAR 2018

BBC COUNTRYFILE VISIT, 16th MAY



Viv Russell (MD Longcliffe Quarries Ltd.)
Ellie Harrison
and Ken Orpe
photo Ken Orpe



Wall *ab. Mediolugens*
photo Graeham Mounteney

The BBC1 team including presenter Ellie Harrison visited the site, filming a feature on the changing status of the Wall Brown in the UK.



Ellie Harrison & Pat Orpe
photo Ken Orpe



The Countryfile team
photo Ken Orpe

SECOND OPEN DAY, 17th JUNE

Over 450 people attended the second open day at the site, including Julie Williams, the CEO of Butterfly Conservation.



Sandra Muldoon,
the late Neil Turner
and Julie Williams
photo Ken Orpe



BBC East Midlands Today
photo Ken Orpe



Pat Orpe at
B C East Midlands
signing in desk
photo Ken Orpe



Open Day scene
photo Gary Atkins