

# FAUNA AND FLORA RECORDS 2013

## (for groups other than birds)

compiled by

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The following records are taken from the LFS Logbook and are reproduced here in good faith. No attempt has been made to verify these reports in their entirety but thanks are due to Andrew Cleave, John Hedger and Alan Rowland for their assistance in answering various questions during the compilation process.

### WHALES, DOLPHINS AND PORPOISES (CETACEA)

#### **Minke whale** *Balaenoptera acutorostrata*

17 May – “Two, fairly distant along tide. Seen from Jenny’s Cove. They were watched for more than an hour, each surfacing two or three times, then not for about ten minutes.” (Jan Ozier, Viv Philips and Kim Atkinson).

#### **Unidentified whale species**

21 Oct – “During a seawatch from the old lookout below North Light I was watching a group of five kittiwakes and a Balearic shearwater low over the rough swell when a very large, dark grey ‘wall’ rose out of the water below them, rolled and disappeared below the surface – a sighting of no more than a second or two. It was immediately obvious to me that I had seen my first whale from the island. I didn’t see either the dorsal fin or the tail, but perhaps most likely to have been a Minke” (Tim Davis).

#### **Long-finned pilot whale** *Globicephala melas*

22 Sep – two seen off Gannets’ Bay by *Obsession II* boat crew when reloading divers.

#### **Common dolphin** *Delphinus delphis*

- 2 May – 35 off South West Point at 15.00 hrs and six off the Terrace at 17.00 hrs (Chris Baillie).  
19 May – 20 counted at the surface in one group; seen from Old Light.  
2 Jun – at least 20 east of North Light.  
3 Jun – 50 off West Side (Tony Taylor *et al.*).  
24 Jun – five off North End late morning (John Mellor); 20 off East Side at 20.30 hrs (Toni & Terri Dawson).  
26 Jun – pod of 12 off Terrace (Alan & Sandra Rowland); pod of 30, with four or five juveniles, travelling north (Roseanne Graham & John Mellor).  
9 Jul – large pod swimming NE off Tibbetts Point.  
13 Jul – 20 to 25 off East Side between Landing Bay and Tibbetts (Mike Jones).  
4 Oct – “Pod of dolphins off SE corner heading N, perhaps half mile offshore. Literally 100s, maybe 300 to best estimate. A large arc of sea was white with breaching dolphins.”  
19 Oct – seen from MS *Oldenburg*, a corpse floating on the water about five minutes out from the Landing Bay (Tim Jones *et al.*).  
27 Oct – one off West Side near Half-tide Rock during round-island boat trip (Aislinn Mottahedin-Fardo).

### **Risso's dolphin** *Grampus griseus*

14 Sep – “Spotted off Landing Beach 200m+ out a Risso's dolphin through binoculars. Dorsal fin initially led us to believe it was a killer whale, which is very similar in shape and surprisingly high and thin. Broke surface twice before heading out of bay. Light grey in colour.”

### **Bottle-nosed dolphin** *Tursiops truncatus*

27 Jun – four heading south near North West Point, seen from MS Oldenburg on round-island trip (Lesley & Andy Graham).

6 Jul – approximately 20 off Lametry Bay, swimming west.

8 Jul – one among feeding seabirds off the Battery.

### **Harbour porpoise** *Phocoena phocoena*

17 Apr – three off Jenny's Cove.

18 Apr – one in Jenny's Cove (Tim Davis & Tim Jones).

20 Apr – four off Rat Island.

29 Apr – one off North Light (Chris Baillie).

17 May – a minimum of ten off North Light.

19 May – at least ten off the Battery; six seen from Brambles (A. Buchanan).

20 May – four off Halfway Wall, East Side (Kim Atkinson, Jan Ozier, and Viv Philips).

2 Jun – 15 west of North Light in the tidewater.

9 Jun – one off Jenny's Cove.

9 Jul – school feeding along East Side from Tibbetts to level with the Landing Bay.

14 Jul – one 200 m north-east of Landing Bay (Chris & Sharron Blackmore).

15 Jul – four south-east of Castle (Chris & Sharron Blackmore).

16 Jul – five off the Battery (Chris & Sharron Blackmore).

25 Sep – three at North Light.

21 Oct – at least two off North Light (Tim Davis & Tim Jones).

22 Oct – five off North End.

25 Oct – one off Lametor.

23 Nov – four off Jenny's Cove.

### **Unidentified dolphin or porpoise species**

14 Sep – six off East Side.

## **SEALS**

### **Grey seal** *Halichoerus grypus*

10 Mar – one off Battery Point.

9 Apr – ten hauled out on Knoll Pins.

11 Apr – six at North End plus 18 at Gannets' Bay and Knoll Pins.

16 Apr – “Spent some time watching a seal which surfaced with a large white flat fish. She hit it on the water surface until she managed to break off a piece to eat, leaving the remainder of the fish floating. After a few mouthfuls she attracted several Great Black-backed Gulls which harried her in an attempt to get the fish. Initially she lunged successfully and fended them off, but eventually they won and flew around bickering. An adult gull landed on the water to eat its prize. Suddenly the seal erupted from under the water and won possession again, but after one more mouthful abandoned it to the gulls” (Ann Taylor & Jonathan Taylor).

18 Apr – 30 between Brazen Ward and Queen Mabb's Grotto.

26 Apr – “one at North End swimming in a cloud of ink as it ate a squid/octopus” (Richard & Sarah Crossen).

26 Apr – 26 hauled out at Brazen Ward, plus three below Mousehole & Trap (C. Clifton).

24 Jun – 18 at Threequarter Wall Bay (James Betteridge).

- 12 Jul – nine swimming by North Light landing stage (Mike Jones).  
 24 Jul – 17 hauled out next to Shutter Rock; 60+ between Tibbetts and North West Point.  
 27 Jul – 70+ between Quarry Beach and North Light; two with trawl-net entanglement (Martin Thorne, Morte Wildlife Group).  
 2 Sep – nine on rocks below North Light.  
 3 Sep – courtship and mating of two pairs in Gannets' Bay (Lorraine Wood).  
 25 Sep – 61 hauled out on rocks east of North Light; pup at moulting stage north of Landing Bay and another pup, pre-moult Rat Island.  
 8 Oct – pre-moult pup on Quarry Beach (Beccy Macdonald).  
 10 Nov – 20+ pups at Brzaen Ward; 10+ pups at Gannet's Bay.  
 19 Dec – young pup on Landing Beach (Beccy Macdonald).  
 28 Dec – one of North East Point "*appeared to try and take a juvenile black-backed gull. Alerted by alarm calls. Then tried to take a mature black-backed gull. Don't know if this was a potential food item or not, but interesting behaviour*" (Keith & Belinda Lugg).

## SHARKS

### **Basking shark** *Cetorhinus maximus*

- 20 Apr – one in Landing Bay.  
 27 Jun – near North Light, in bay close to landing stage.

## OTHER MARINE FISHES

### **Grey mullet** *Chelon labrosus*

- 2 Jun – two large schools; one in the Landing Bay and one in Lametry Bay.

### **Ocean sunfish** *Mola mola*

- 28 Aug – "*One floating off the East Side, just below the Ugly. It attracted a small group of immature gulls who pecked at it a bit. It didn't seem to mind too much*" (Rebecca & Richard Taylor).  
 26 Oct – one off North End (Tim Davis).

## MARINE INVERTEBRATES & SEAWEEDS (sequence and nomenclature follow Marine Life Information Network – MarLIN: [www.marlin.ac.uk](http://www.marlin.ac.uk))

### **Common goose barnacle** *Lepas anatifera*

- 2 Jun – large number on a plastic fish box in Quarry Bay (Roger Key).

### **A comb jelly** *Beroe cucumis*

- 28 & 29 Jun – large numbers in the Landing Bay with smaller numbers of **sea gooseberry** *Pleurobranchia pileus*. Only rare *Chrysaora*, *Aurelia* and *Cyanea* (Keith Hiscock).  
 3 Jul – two off the jetty (Fiona Gross).

### **Edible sea urchin** *Echinus esculentus*

- 14 Jul – one approximately 8cm diameter sea from kayak on Gull Rock (Shelley Southon & Grant Sherman).

## **Lower and mid-shore fauna recorded in Devil's Kitchen on 6 Jul** (Douglas Herdson, Marine Fish Information Services, Plymouth):

"**Cushion star** *Asterina gibbosa* two. Lots of **beadlet anemones** *Actinia equina* from very small (3mm) to very large. Many large **strawberry anemones** *Actinia fragacea*. Few medium

**snakelocks anemone** *Anemonia viridis* (brown form). Millions of **gammarid amphipods** and a few **Idotea isopods**. No **shore crabs** *Carcinus maenas* seen, but large numbers of young **edible crabs** *Cancer pagurus* of all sizes. One medium **velvet swimming crab** *Necora puber*, one **broad-clawed porcelain crab** *Porcellana platycheles*, one medium **Risso's crab** *Xantho pilipes*, two medium-sized **grey sea slug** *Aeolidia papillosa* and egg mass, abundant **common flat periwinkle** *Littorina obtusata* and egg mass. Also a couple of detached examples of the seaweed *Alaria esculenta*; it might be worth surveying and monitoring this species as I understand its southern limit is South Wales. One medium **shanny** *Lipophrys pholis*, one small (probably female) **worm pipefish** *Nerophis lumbriciformis*, one nest of **corkwing wrasse** *Crenilabrus melops*."

**Marine species recorded at Knoll Pins, wreck of 'Carmen Filomena' and in Gannets' Bay on 6 & 7 Jul** (Sam Varns & Dan Woodgate):

**Pink sea fan** *Eunicella verrucosa*, **red sea fingers** *Alcyonium glomeratum*, **snakelocks anemone** *Anemonia viridis*, **slender sea pen** *Virgularia mirabilis*, **compass jellyfish** *Chrysaora hysocella*, **lion's mane jellyfish** *Cyanea capillata*, **moon jellyfish** *Aurelia aurita*, **a comb jelly** *Bolinopsis infundibulum*, **common spider crab** *Maja squinado*, **common lobster** *Homarus gammarus*, **a sea slug** *Polycera faeroensis*, **orange-clubed sea slug** *Limacia clavigera*, **a sea slug** *Flabellina pellucida*, **great scallop** *Pecten maximus*, **light bulb sea squirt** *Clavelina lepadiformis*, **small-spotted catshark** (= dogfish) *Scyliorhinus canicula*, **pollack** *Pollachius pollachius*, **cuckoo wrasse** *Labrus mixtus*, **Ballan wrasse** *Labrus bergylta*, **tompot blenny** *parablennius gattorugine*, and **shanny** *Lipophrys pholis*.

**Rocky shore fauna and seaweeds recorded during Warden's Rockpool Ramble, on 21 Aug:**

## Fauna

Sea anemones (Cnidaria)

**Beadlet anemone** *Actinia equina*  
**Strawberry anemone** *Actinia fragacea*  
**Snakelocks anemone** *Anemonia viridis*

Segmented worms (Annelida)

**Ragworm** *Perinereis cultrifera*

Arthropods (Arthropoda)

**Edible crab** *Cancer pagurus*  
**Common shore crab** *Carcinus maenas*  
**Velvet swimming crab** *Necora puber*  
**Broad-clawed porcelain crab** *Porcellana platycheles*  
**Hermit crab** *Pagurus bernhardus*

Sea mats, horn wrack & lace corals (Bryozoa)

**A sea mat** *Membranipora membranacea*

Ray-finned fish (Actinopterygii)

**Eel species** (a juvenile, thought to be **common eel** *Anguilla anguilla*)  
**Montagu's blenny** *Coryphoblennius galerita*  
**Worm pipefish** *Nerophis lumbriciformis*

## Seaweeds

Red seaweeds (Rhodophyta)

**Red rags** *Dilsea carnosa*

**Coral weed** *Corallina officinalis*

Green seaweeds and stoneworts (Chlorophyta)

**Green sponge ball** *Codium bursa*

Brown and yellow-green seaweeds (Ochrophyta)

**Oyster thief** *Colpomenia peregrina*

**Toothed wrack** *Fucus serratus*

**Thongweed** *Himanthalia elongata*

### **Marine species recorded around the wreck of the 'Earl of Jersey', off South End, on 1 Sep**

[Anonymous marine log entry]:

**European spiny lobster** *Palinurus elaphus* (large male; 450mm plus antennae), **common lobster** *Homarus gammarus* (two), **small-spotted catshark** (= dogfish) *Scyliorhinus canicula* (six).

### **Marine species recorded around the wreck of 'MV Robert', off East Side, on 1 Sep**

[Anonymous marine log entry]:

**Queen scallop** *Aequipecten opercularis* (many), **Common lobster** *Homarus gammarus* (five).

## **INTRODUCED FRESHWATER FISHES**

**Golden orfe** *Leuciscus idus*

13 Aug – seven in Quarry Pond, plus about 12 darker, small fish presumed to be juvenile orfe (Michael Williams).

**Mirror carp** *Cyprinus carpio*

13 Aug – one large specimen in Quarry Pond (Michael Williams).

## **NATIVE LAND MAMMALS**

**Pygmy shrew** *Sorex minutes*

23 Feb – one running alongside track to Castle (Alan Rowland).

11 Mar – one seen twice in the Radio Room (James Leonard).

26 Mar – very active in Big St John's.

4 May – "*one darted across path near Old Light*".

21 Jun – one on Upper East Side Path (Stuart Evans).

7 Jul – one in Castle Keep North "*ran across living room, into the kitchen, then disappeared into the larder*".

17-27 Jul – one in and around Castle Cottage, on 27th: "*distressed, in mop bucket. Released... Hope it will be OK*" (Chris & Sharron Blackmore).

25 Jul – c.10 near Jenny's Cove, "*seen darting into dig out under heather; very vocal!*" One in Timekeeper's Hut on same date.

19 Oct – one in Castle Cottage "*Appeared several times each day this week. Very friendly if you remain quiet and still.*" (Darren & Mary Wyatt).

- 19–28 Oct – one in kitchen and living room of Old House South.  
 29 Oct – one resident to left of fireplace in Old House North.  
 4 Nov – one Government House.  
 6 Nov – two Old House North.  
 8 & 9 Nov – one Government House (Alan & Sandra Rowland).

### Unidentified bats

- 25 May – two seen at Quarry Pond at 15.00 hrs “*looked a bit large for pipistrelle*” (G.J. Rogers).  
 31 May – one, probably a pipistrelle, flew past Tavern towards Square Cottage (Helen Lymbery).  
 2 Sep – two flying at dusk outside Old Light (Steven Ware).

### FERAL LAND MAMMALS

Estimates of the population sizes for Lundy’s feral mammals, provided by Kevin Welsh, were:

<b>Feral goat</b> <i>Capra aegagrus hircus</i>	35
<b>Sika deer</b> <i>Cervus nippon</i>	115
<b>Soay sheep</b> <i>Ovis aries</i>	270
<b>Rabbit</b> <i>Oryctolagus cuniculus</i>	c.1,000

#### **Feral goat** *Capra aegagrus hircus*

- 26 Jan – nanny and newborn kid on the north side of Gannets’ Combe and two heavily pregnant nannies towards North East Point (Alan & Sandra Rowland).  
 16–19 April – very confiding herd of 12 in Millcombe, allowing much closer approach than normal. They were often standing on the walls of Millcombe gardens to eat ivy and generally grazing the vegetation, including Lundy Cabbage, heavily. They were driven onto the south side of Castle Hill on 19 April (Tim Davis & Tim Jones).  
 31 Oct – six by Rocket Pole Pond.

#### **Sika deer** *Cervus nippon*

- 17 Apr – 44 with newborn lambs, Middle Park.  
 16 Sep – “*Surprised Sika deer on central path half mile N of Three Quarter Wall. It bolted and going full tilt tripped up and did a somersault. Quick to get back on feet and headed off none the worse! Howling N gale!!*”  
 2 Dec – 32 along East Side.

#### **Soay sheep** *Ovis aries*

- 20 Mar – ewe with a tiny lamb near Gull Rock (J. Sullivan).  
 24 Mar – three rams along Lower East Side Path near Quarter Wall Copse.

#### **Rabbit** *Oryctolagus cuniculus*

- 17 Mar – one black rabbit on cliff near Benjamin’s Chair.  
 26 Mar – one on East Side, below Tibbetts (Joshua Harris).  
 23 Apr – one in St John’s Valley.  
 2 May – one near the Castle.  
 3 May – one Lower East Side Path near Halfway Wall.  
 7 May – five in Castle area.  
 17 May – one, the Castle (N & D Downie).  
 6 Jul – one juvenile, Little St John’s (Alan Rowland & Marie-Jo Coutanche).  
 7 Jul – one adult, Castle (Alan Rowland & Marie-Jo Coutanche).  
 8 Jul – single adults at Timekeeper’s Hut and Hammers (Alan Rowland & Marie-Jo Coutanche).  
 16 Jul – one below Castle.

25 Sep – one near North Light.  
29 Nov – one near Brambles.

## TERRESTRIAL & FRESHWATER INVERTEBRATES

### HAIRWORMS (*Gordioidea*)

#### **A horsehair worm** (*Gordius* sp.)

21 Oct – one in puddle in the main track, just south of Quarter Wall.

### LEECHES (*Hirudinea*)

#### **Horse leech** *Haemopsis sanguisuga*

9 Sep – two in puddle at Quarter Wall at about 10.30 hrs “Seemed to be leaving the puddle and heading back into the rushes. Quite large!”

14 Sep – three in Quarter Wall puddle.

20 & 21 Oct – up to four in puddle in the main track, just south of Quarter Wall.

6 Nov – one, main track near Quarter Wall Pond (Alan Rowland).

### SPIDERS (*Arachnida*)

#### **Cave spider** *Meta menardi*

19 Dec – at least one adult with six egg sacs in cave nearest the jetty (Keith & Belinda Lugg) – see also colour plate 1.

### CENTIPEDES (*Chilopoda*)

#### **A centipede** *Lithobius variegatus*

6 Nov – four, mainly in Quarter Wall Copse (Alan Rowland).

### MILLIPEDES (*Diplopoda*)

#### **A millipede** *Nanogona polydesmoides*

17 Dec – under granite rocks near the Castle (Keith & Belinda Lugg).

#### **A millipede** *Brachydesmus superus*

27 Jan – a male under a granite rock on bare earth in the Old Hospital barracks (Alan Rowland).

#### **A milipede** *Omphiodesmus albonanus*

17 Dec – under granite rocks near the Castle (Keith & Belinda Lugg).

### WOODLICE (*Isopoda*)

#### **Common pill woodlouse** *Armadillidium vulgare*

27 Jun – present (Alan & Sandra Rowland).

### DAMSELFLIES & DRAGONFLIES (*Odonata*)

#### **Blue-tailed damselfly** *Ischnura elegans*

26 Jun – present at Pondsby (Alan & Sandra Rowland).

7 & 8 Jul – three males, one female at Quarter Wall Pond (Alan Rowland).

## BUGS (Hemiptera)

### Unidentified lesser water-boatmen Coroxidae

10 Oct – present in Ackland's Pond (Jenny George).

## BEETLES (Coleoptera)

Sequence and nomenclature follow the *Checklist of Beetles of the British Isles* (Duff, 2008)

### A whirligig beetle *Gyrinus* sp.

25 Jun – Quarter Wall Pond (Alan & Sandra Rowland).

### Green tiger beetle *Cicindela campestris*

6 May – one near main track.

2 Jun – one just south of St Helen's Combe (Roger Key).

3 Jun – one along East Side (Roger Key).

### A ground-beetle *Carabus granulatus*

25 Sep – one on path near Brazen Ward (Rob Durrant).

### A ground-beetle *Carabus nemoralis*

4 Jun – one just south of North End on track along West Side (Roger Key).

### A ground-beetle *Pterostichus niger*

4 Jun – recorded along East Side (Roger Key).

### Black snail beetle *Silpha atrata*

3 Jun – Marisco gents' loo (Roger Key).

### Common sexton beetle *Nicrophorus vespillo*

21 Sep – one at work on dead dor beetle along Lower East Side Path above Brazen Ward (Rob Durrant).

### Devil's coachhorse *Ocyrops olens*

4 Oct – one crossing the path between Halfway and Threequarter Walls.

28 Dec – one under a rock by side of main track on north side of Gannets' Combe (Keith & Belinda Lugg).

### Minotaur beetle *Typhaeus typhoeus*

7 May – one near South West Point.

1 Jun – one on path from Quarry Beach (Roger Key).

8 Jul – one at Quarry Cottages (Alan Rowland).

17 Dec – a male on lower path running west from Castle (Keith & Belinda Lugg).

### A dumbledor beetle *Anoplotrupes stercorosus* (= *Geotrupes stercorosus*)

18 Apr – two at North End.

7 May – three on path, St John's Valley (Malcolm Lee).

8 May – one VC Quarry.

4 Jun – several dead on paths on both sides of island (Roger Key).

29 Jun – ten (Alan & Sandra Rowland).

4-11 Nov – seen most days (Alan & Sandra Rowland).

**Rose chafer** *Cetonia aurata*

1 Jun – one at South Light (Roger Key).

3 Jun – one along East Side (Roger Key).

4 Jun – five (Tony Taylor).

28 Jun – around Ackland's Moor Pond (Alan & Sandra Rowland).

20 Jul – one West Side at end of Halfway Wall (Tim Davis & Tim Jones).

25 Jul – two near Jenny's Cove "one flew past, second landed on my partner's bag and settled for the walk home".

30 Aug – two in Millcombe (Rebecca & Richard Taylor).

**A click beetle** *Agrypnus murinus*

2 Jun – recorded along East Side (Roger Key).

**A click beetle** *Athous haemorrhoidalis*

2 Jun – recorded along East Side (Roger Key).

**A pollen beetle** *Meligethes viridescens*

5 Jun – swept from Lundy cabbage in Millcombe (Roger Key).

**Twenty-four-spot Ladybird** *Subcoccinella vigintiquatuorpuntata*

16 Dec – one hibernating under a rock, just west of Castle, near path to Benson's Cave (Keith & Belinda Lugg).

**A darkling beetle** *Isomira murina*

5 Jun – swept from Lundy cabbage in Millcombe (Roger Key).

**Heather beetle** *Lochmaea suturalis*

4 Jun – recorded at various locations in northern half of island (Roger Key).

**A flea beetle** *Psylliodes napi*

2 Jun – East Side near Sugar Loaf (Roger Key).

**Cabbage seed weevil** *Ceutorhynchus assimilis*

5 Jun – swept from Lundy cabbage in Millcombe (Roger Key).

**Lundy cabbage leaf weevil** *Ceutorhynchus contractus pallipes* (= *C. minutus*)

2 Jun – on Lundy cabbage on sideland below Hammers (Roger Key).

5 Jun – observed on Danish scurvygrass *Cochlearia danica* (Roger Key).

**FLIES (Diptera)**

**Noon fly** *Mesembrina meridiana*

24 Jul – two, East Side, below Quarter Wall.

**BUTTERFLIES (Lepidoptera)**

**Clouded Yellow** *Colias croceus*

In spring there were several sightings in late May, with one on 26th, two on 28th & 30th and one on 31st. The only record later in the year was of one at Quarter Wall on 31 Aug. These are the first records of this strikingly beautiful migrant since 2011.

**Large white** *Pieris brassicae*

Recorded between 18 Jun (two) and 17 Oct (one), with a max of 20 on 20 Jul.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	–	–	2	20	3	5	1	–	–
–	–	–	–	–	3	1	4	7	1	–	–

**Small white** *Pieris rapae*

Recorded between 12 Apr (one) and 27 Sep (two), with a max of 20 on 26 Aug. As in previous years we believe that some records of Small Whites probably refer to Green-veined Whites, which are common in Millcombe, especially in Apr/May and Aug/Sep, though Small White can be an abundant migrant in some years.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	3	3	1	–	20	5	–	–	–
–	–	–	3	8	1	–	9	11	–	–	–

**Green-veined white** *Pieris napi*

Recorded between 13 Apr (one) and 17 Oct (a tick in the logbook indicates presence on this date, but with no count given. Otherwise the last record was of one on 14 Sep). The max was 14 on 20 May, though logbook entries stating “lots” were made for 2 & 4 Jun (otherwise the highest specified count for that month was three on 5th).

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	4	14	“lots”	–	10	2	present	–	–
–	–	–	4	6	10	–	5	5	1	–	–

**Small copper** *Lycaena phlaeas*

Recorded between 2 Jun (one) and 23 Oct (two), with a max of 9 on 26 Aug.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	–	–	3	1	8	5	2	–	–
–	–	–	–	–	9	1	3	6	5	–	–

**Common blue** *Polyommatus icarus*

No records in 2013; the second consecutive ‘blank’ year.

**Holly blue** *Celastrina argiolus*

One on 29 Apr was the only reported sighting.

**Red admiral** *Vanessa atalanta*

Recorded between 18 Apr (one) and the unusually late date of 4 Dec (three), during a rare (for autumn/winter 2013) and short-lived spell of fine, settled weather. The max was 20 on 24 Oct. Numbers appear to have been generally low throughout the year with only one double-digit count.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	1	2	3	6	4	5	20	2	3
–	–	–	1	5	7	3	8	18	12	2	1

**Painted lady** *Vanessa cardui*

Recorded on 14 days between 2 Jun (two) and 24 Oct (one), with a max of four on 18 Jun, 26 Aug and 22 Oct.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	–	–	4	–	4	2	4		
–	–	–	–	–	3	–	4	4	3		

**Small tortoiseshell** *Aglais urticae*

Recorded between 19 Apr (one) and 4 Nov (one), with a max of eight on 1 Sep.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	1	2	1	4	4	8	1	1	–
–	–	–	1	1	2	1	5	9	1	1	–

**Peacock** *Inachis io*

One was reported on the highly unusual date of 27 Nov. Assuming that the record is genuine (and not a misidentification or an accidental mis-entry in the logbook) this must have been an individual disturbed from its winter hibernation. Most Peacocks have entered hibernation by late Aug or early Sep.

**Comma** *Polygonia c-album*, **Speckled wood** *Pararge aegeria* & **Wall brown** *Lasiommata megera*  
There were no records for any of these species in 2013.

**Grayling** *Hipparchia semele*

In late Jul, there were three on 20th along the West Side, just north of Halfway Wall (Tim Davis & Tim Jones) and four on 26th (location unknown). The only other report was of one on the sidings near Shutter Point on 9 Sep (Elisabeth & David Price *et al*).

**Gatekeeper** *Pyronia tithonus*

One on 15 Jul, 20+ on 24 Jul, one on 26 Aug and one on the late date of 17 Oct were the only records.

**Meadow brown** *Maniola jurtina*

Recorded between 25 Jun (one) and 2 Sep (one), with a max of 350+ on 20 Jul.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	–	–	1	350	20	2	–	–	–
–	–	–	–	–	2	8	4	2	–	–	–

**Ringlet** *Aphantopus hyperantus*

Not recorded in 2013.

**Small heath** *Coenonympha pamphilus*

Recorded between 1 Jun (one) and 4 Sep (three), with a max of 20 on 26 Aug.

**Maximum count for each month (top) and number of days recorded (bottom)**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	–	–	8	3	20	3	–	–	–
–	–	–	–	–	10	5	5	3	–	–	–

## DIURNAL (DAY-FLYING) MOTHS (Lepidoptera)

Common and scientific names follow the popular *Field Guide to the Moths of Great Britain and Ireland* (P. Waring & M. Townsend, 2nd edition 2009). The digits prior to each common name are the 'Bradley & Fletcher' numbers from *A Recorder's Log Book or Label List of British Butterflies and Moths* (J.D. Bradley & D.S. Fletcher, 1979), which provide the most widely recognised sequence of British moths, used in Waring & Townsend and elsewhere.

*A Provisional List of the Moths of Lundy, Devon*, compiled by S.D. Beavan and R.J. Heckford, was published recently in the *British Journal of Entomology and Natural History* (Volume 27, 2014, pp. 45-62).

### 170 **Five-spot burnet** *Zygaena trifolii*

1 & 21 Jun – caterpillars reported.

Jun/Jul – adults reported on seven dates from 26 Jun to 24 Jul with a max of 12 on 17 Jul.

### 1637 **Oak eggar** *Lasiocampa quercus*

20 Jul – in strong mid-afternoon sunlight, immediately north-east of Quarry Pond along the path to the Timekeeper's Hut, at least 20 males were flying frenziedly around a stand of gorse that presumably contained one or more pheromone-emitting females (Tim Davis & Tim Jones).

14 Oct – two larvae on creeping willow *Salix repens* (Ishbel Hayer)

### 1643 **Emperor moth** *Saturnia pavonia*

27 Jul – caterpillar on path just south of Jenny's Cove.

19 & 26 Aug – single caterpillar(s) recorded north of Tibbetts.

### 1902 **Brown silver-line** *Petrophora chlorosata*

2 Jun – common along East Side (Roger Key).

### 1984 **Hummingbird hawk-moth** *Macroglossum stellatarum*

Singles were reported on 28 Aug, 11 & 26 Sep and 11 Oct. The individual seen on 11 Sep was feeding on red valerian *Centranthus ruber* in the shelter of Millcombe gardens.

### 2058 **Cream-spot tiger** *Arctia villica*

14 Jun – four around the Terrace and Lower East Side Path at Quarter Wall Copse. [*Reported as Scarlet Tigers but almost certainly Cream-spot as the only previous record of Scarlet Tiger was in 1987, whereas Cream-spot are seen annually. Ed.*]

19 & 20 June – East Side; one on 19th, four on 20th (Frances Stuart & Helen Boyer).

### 2069 **The cinnabar** *Tyria jacobaeae*

24 Jul – three larvae on ragwort (*Senecio jacobaeae*) growing on cliff edge below Quarter Wall.

25 Aug – larva seen.

31 Aug – larva seen.

### 2441 **Silver Y** *Autographa gamma*

The most frequent and numerous of the various migrant macro-moths recorded on Lundy. In 2013 reported on three dates in Jun with a max of five on 18th. Thereafter not reported until late summer, when there were daily records from 26 Aug to 1 Sep, with maxima of 20 on 26th and 70 on 28th. There were further reports on seven scattered dates from 23 Sep to 17 Nov (the latter inside the Tavern!), with a max of five on 24 Oct. Six were light-trapped in Millcombe and by the Church on 13 & 14 Aug (Andrew Cleave) and two were light-trapped at Government House during the period 5-11 Oct (Tony Simpson).

## NOCTURNAL MOTHS (Lepidoptera)

See note on nomenclature and sequence under 'Diurnal (day-flying) moths' above.

695 **Agonopterix alstromeriana** (a micro-moth)

14 Oct – one inside Brambles West (Helen Cole, Ishbel & Peter Hayer)

1395 **Rusty-dot pearl** *Udea ferrugalis* (a migrant micro-moth)

5-11 Oct – one light-trapped at Government House (Tony Simpson).

1398 **Rush veneer** *Nomophila noctuella* (a migrant micro-moth)

5-11 Oct – ten light-trapped at Government House (Tony Simpson).

1408 **Palpita vitrealis** (a migrant micro-moth)

10 Oct – one light-trapped at Government House (Tony Simpson).

1424 **Endotricha flammealis** (a micro-moth)

13 & 14 Aug – two at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

1524 **Emmelina monodactyla** (a micro-moth)

5-11 Oct – one light-trapped at Government House (Tony Simpson).

1634 **The lackey** *Malacosoma neustria*

13 & 14 Aug – four at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

1638 **Fox moth** *Macrothylacia rubi*

11 Apr – one caterpillar.

In autumn, caterpillars were reported on 31 dates from 31 Aug to 17 Nov, with maxima of 100 on 7 & 28 Sep. Those on 7 Sep were noted at night, near Dead Cow Point, by the Manx Shearwater ringing team. An entry on 29 Sep reports “*Seen all along the East Side Path, as far as the steps to North Light. Only one seen along the West Side path while walking back. Six within a 1 x 1.5 m area just below Tibbetts*” (Belinda Cox & Dee Powell).

1651 **Chinese character** *Cilix glaucata*

13 & 14 Aug – three at actinic light traps set in Millcombe and by the Church (Andrew Cleave) – see colour plate 4.

1728 **Garden carpet** *Xanthorhoe fluctuata*

13 & 14 Aug – four at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

1752 **Purple bar** *Cosmorhoe ocellata*

13 & 14 Aug – two at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

1764 **Common marbled carpet** *Chloroclysta truncata*

5-11 Oct – four light-trapped at Government House (Tony Simpson).

14 Oct – three at Skinner light-trap, Casbah (Helen Cole, Ishbel & Peter Hayer).

1884 **The magpie** *Abraxas grossulariata*

13 & 14 Aug – seven at actinic light traps set in Millcombe and by the Church (Andrew Cleave).  
28 Aug – one in Millcombe (Rebecca & Richard Taylor).

1917 **Early thorn** *Selenia dentaria*

13 & 14 Aug – four at actinic light traps set in Millcombe and by the Church (Andrew Cleave) – see colour plate 4

1921 **Scalloped oak** *Crocallis elinguaris*

13 & 14 Aug – four at actinic light traps set in Millcombe and by the Church (Andrew Cleave) – see colour plate 4.

1962 **Barred red** *Hylaea fasciaria*

13 & 14 Aug – one at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2037 **Rosy footman** *Mitochrista miniata*

13 & 14 Aug – three at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2047 **Scarce footman** *Eilema complana*

13 & 14 Aug – six at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2064 **Ruby tiger** *Phragmatobia fuliginosa*

14 Jun – four caterpillars.

5-11 Oct – larvae seen (Tony Simpson).

27 Oct – one larva, East Side Path (Tim Davis & Tim Jones).

2089 **Heart & dart** *Agrotis exclamatoris*

13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2090 **Crescent dart** *Agrotis trux lunigera*

13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2091 **Dark sword-grass** *Agrotis ipsilon*

13 & 14 Aug – two at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

5-11 Oct – two individuals of these migrant moth light-trapped at Government House (Tony Simpson).

2102 **Flame shoulder** *Ochropleura plecta*

13 & 14 Aug – 14 at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2107 **Large yellow underwing** *Noctua pronuba*

13 & 14 Aug – 12 at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2109 **Lesser yellow underwing** *Noctua comes*

13 & 14 Aug – three at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2111 **Lesser broad-bordered yellow underwing** *Noctua janthe*

13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2118 **True lover's knot** *Lycophotia porphyrea*

13 & 14 Aug – three at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

2163 **Broom moth** *Melanchra pisi*

25 Sep – one larva in grass north of Old Light.

5-11 Oct – larvae seen (Tony Simpson).

2160 **Bright-line brown-eye** *Lacanobia oleracea*

13 & 14 Aug – 14 at actinic light traps set in Millcombe and by the Church (Andrew Cleave).

5-11 Oct – larvae seen (Tony Simpson).

- 2173 **The lychnis** *Hadena bicurris*  
13 & 14 Aug – one at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2176 **Antler moth** *Cerapteryx graminis*  
13 & 14 Aug – one at actinic light traps set in Millcombe and by the Church (Andrew Cleave) – see colour plate 4.
- 2195 **The delicate** *Mythimna vitellina*  
6 & 7 Oct – singles of this scarce migrant light-trapped at Government House (Tony Simpson).
- 2199 **Common wainscot** *Mythimna pallens*  
13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2221 **Brindled ochre** *Dasypolia templi*  
14 Oct – one at Skinner light-trap, Casbah (Helen Cole, Ishbel & Peter Hayer).
- 2242 **Sword-grass** *Xylena exsoleta*  
13 & 14 Aug – one at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2255 **Feathered ranunculus** *Polymixis lichenea*  
13 & 14 Aug – four at actinic light traps set in Millcombe and by the Church (Andrew Cleave).  
14 Oct – five at Skinner light-trap, Casbah (Helen Cole, Ishbel & Peter Hayer).
- 2262 **The brick** *Agrochola circellaris*  
14 Oct – three at Skinner light-trap, Casbah (Helen Cole, Ishbel & Peter Hayer).
- 2264 **Yellow-line Quaker** *Agrochola macilenta*  
14 Oct – one at Skinner light-trap, Casbah (Helen Cole, Ishbel & Peter Hayer).
- 2289 **Knot grass** *Acronicta rumicis*  
13 & 14 Aug – three at actinic light traps set in Millcombe and by the Church (Andrew Cleave).  
5–11 Oct – two larvae on bramble, Upper East Side Path (Helen Cole).
- 2306 **Angle shades** *Phlogophora meticulosa*  
14 Oct – one at Skinner light-trap, Casbah (Helen Cole, Ishbel & Peter Hayer).
- 2321 **Dark arches** *Apamea monoglypha*  
13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2342 **Rosy minor** *Mesoligia literosa*  
13 & 14 Aug – one at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2343 **Common rustic** *Mesapamea secalis*  
13 & 14 Aug – seven at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2350 **Small wainscot** *Chortodes pygmina*  
13 & 14 Aug – one at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2353 **Flounced rustic** *Luperina testacea*  
13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave).
- 2361 **Rosy rustic** *Hydraecia micacea*  
13 & 14 Aug – five at actinic light traps set in Millcombe and by the Church (Andrew Cleave) – see colour plate 4.

## BUMBLE-BEES & WASPS (Hymenoptera)

### **White-tailed Bumble-bee** *Bombus lucorum*

6 May – one near Government House.

5 Oct – one released from Tavern.

### **Buff-tailed Bumble-bee** *Bombus terrestris*

26 Apr – two (Richard & Sarah Crossen).

29 Sep – three on ivy flowers in Millcombe and two on heather along West Side.

### **Common Carder Bee** *Bombus pascuorum*

7 May – one on willows along Terrace (K. Pyper).

### **Honey bee** (= Western or European honey bee) *Apis mellifera*

1 Jun – several on flowers behind South Light; “*Where are they coming from?!*” (Roger Key).

### **A potter or mason wasp** *Ancistrocerus* sp. (Eumenidae)

4 Jun – one on thrift (*Armeria maritima*) at North End (Roger Key).

## FLORA

Sequence and nomenclature follow Stace, C. 2010. *New Flora of the British Isles*. 3rd edition. Cambridge University Press

## FERNS

### **Small adder’s-tongue** *Ophioglossum azoricum*

30 June – “*Counted 59 spikes in Middle Park and at least the same number of leaves*” (Alan & Sandra Rowland).

1 Jul – six sipkes at Rocket Pole Pond (Alan & Sandra Rowland).

### **Sea spleenwort** *Asplenium marinum*

29 Jun – 26 plants in rock crevices below railway track at North Light (Alan & Sandra Rowland).

### **Wall-rue** *Asplenium ruta-muraria*

26 Jan – four plants at grid ref SS 13688 44307 (Alan Rowland).

28 Jan – eight plants on wall of Stoneycroft garden.

1 Jul – five plants on wall of Stoneycroft garden.

## FLOWERING PLANTS

### **Ivy-leaved crowfoot** *Ranunculus hederaceus*

8 May – in water in north-west of island (K. Pyper).

### **Wych elm** *Ulmus glabra*

24 Sep – in valley below Brambles, plus small sapling just north of Millcombe House, identified as part of LFS survey (“*tree at Brambles formerly misidentified as alder; does not appear to be mentioned in 1971 paper*”).

### **Red campion** *Silene dioica*

3 May – “*A fair number of albinos (not white campion) amongst the pinks along the East Sidelands*” (Roger Key).

**Sea campion** *Silene uniflora*

6 May – in flower.

**Round-leaved sundew** *Drosera rotundifolia*

7 May – in amongst mosses on wet flush at North Quarry (K. Pyper).

19 May – small plant on path from Punchbowl to south end of Pondsbury dam (Grant Sherman).

**Sweet violet** *Viola odorata* and **Common dog-violet** *Viola riviniana*

4 May – widespread (K. Pyper).

**Creeping willow** *Salix repens*

22 Mar – buds opening on plants all around Pondsbury (Alan Rowland).

**Lundy cabbage** *Coincya wrightii*

3 May – “*What a lot of cabbage this year!*” (Roger Key).

4 May – just about to come into flower alongside Beach Road (K. Pyper).

5 May – “*Finished count of Lundy cabbage – just under 13,000 in flower, nearly 30% higher than previous high in 1998*” (Roger & Rosie Key, Steve Compton).

**Heather** *Calluna vulgaris*

22 Aug – “*Lots of white-flowered ling between Bronze Age hut and John O’Groats*” (Mary Sargeant).

**Cross-leaved heath** *Erica tetralix*

22 Aug – “*White, not the usual pink, on west coast between Quarter and Halfway Walls, where the sheep netting is at the top of the cliff*” (Mary Sargeant).

**Primrose** *Primula vulgaris*

30 Jan – abundant at Quarter Wall Copse (Sandra Rowland).

10 Feb – about 50 plants in flower at Quarter Wall Copse (Grant Sherman *et al*).

14 Apr – several hundred plants flowering around Quarter Wall Copse (Ann Taylor).

**Scarlet pimpernel** *Anagallis arvensis*

4 May – on side of Beach Road and Battery path (K. Pyper).

**Navelwort** *Umbilicus rupestris*

2 May – flowering plants (K. Pyper).

**Creeping tormentil** *Potentilla reptans*

6 May – “on moorland” (K. Pyper).

**Kidney vetch** *Anthyllis vulneraris*

4 May – by side of Beach Road (K. Pyper).

**Common vetch** *Vicia sativa*

6 May – on path near Government House (K. Pyper).

**Hare’s-foot clover** *Trifolium arvense*

5 Oct – top of wall by seat near gents’ loo.

**Broom** *Cytisus scoparius* ssp. *maritimus* (procumbent form of common broom, found on seacliffs)  
3 May – “Never seen such an increase in the flowering of the prostrate broom – glorious yellow all way down the East Side with one exception. There’s a population at Quarry Bay which supports strong population of broomrape (common?) – this looks relatively sickly, with few flowers and brownish leaves. There are three spikes of the broomrape this year, but there have been over a dozen in previous years. Obviously the parasite is well named.” (Roger Key).

**Heath milkwort** *Polygala serpyllifolia*  
6 May – in flower “on the moor” (K. Pyper).

**Bittersweet (= Woody nightshade)** *Solanum dulcamara*  
15 Aug – six to ten plants at Quarry Pond.

**Black nightshade** *Solanum nigrum*  
29 Sep – on path just above Battery cottages. Single plant approx 30 cm in height, in full flower with some green fruits.

**Ivy-leaved toadflax** *Cymbalaria muralis*  
31 Jan – plant with five flowers at start of new section of Beach Road (Grant Sherman).

**Foxglove** *Digitalis purpurea*  
20 Jul – a pure white-flowered plant among a standard purple-flowered group near Brazen Ward (Tim Davis & Tim Jones).

**Lousewort** *Pedicularis sylvatica*  
2 May – flowering plants on moorland (K. Pyper).

**Broomrape species** *Orobanche* sp.  
3 May – colony with three flower-spikes on broom at Quarry Bay – see entry for broom, *Cytisus scoparius*, above (Roger Key).  
5 May – two spikes adjacent to broom patch high up the cliffs just below the Castle (Roger Key).

**Lords-and-Ladies** *Arum maculatum*  
29 May – reported from Quarter Wall Copse and near Mousehole & Trap.

**Jointed rush** *Juncus articulatus*  
26 Jan – New shoots showing at Widow’s Tenement Pond (Alan Rowland).

**Bluebell** *Hyacinthoides non-scripta*  
6 May – in flower and widespread (K. Pyper).

Additional record: Writing in the logbook on 29 Nov, Andrew Cleave noted the following plants “Still flowering in sheltered places”: **ivy leaved toadflax**, **red campion**, **smooth sowthistle** *Sonchus oleraceus*, **gorse** *Ulex europaeus*, **dandelion** *Taraxacum*, **autumn hawkbit** *Leontodon autumnalis*, **bramble** *Rubus fruticosus* agg. and **bell heather** *Erica cinerea*.

## LICHENS

**Golden hair lichen** *Teloschistes flavicans*  
6 May – on the way down to the Battery and by Landing Bay.  
24 Sep – lots on rocks below cliff path to north of Battery.  
30 Nov – two specimens between Squire’s View and Long Roost.

## FUNGI

Scientific nomenclature and sequence follow Hedger *et al.* 2010. Lundy Fungi: Further Surveys 2004-2008. *Journal of the Lundy Field Society*, Vol. 2, pp 21–44.

**Parasol mushroom** *Macrolepiota procera*

5 Oct – one with cap approximately 7 inches (18 cm) across, between water tanks and Old Light.

**Porcelain fungus** *Oudemansiella mucida*

29 Nov – Casbah, Millcombe (Andrew Cleave).

***Panaeolus*** sp.

26 Jan – North End (Alan Rowland).

**Verdigris agaric** *Stropharia aeruginosa*

25 Jan – two mature fruiting bodies, by 'crossroads' at head of St John's Valley (Alan Rowland).

***Boletus declivitatum***

13 Aug – a species not previously recorded on Lundy, found in Millcombe by Andrew Cleave, confirmed by John Hedger – see colour plate 1.

**A slime mould** *Enteridium lycoperdon*

12 May – a species not previously recorded on Lundy, found in Millcombe at SS 13936 44103 by Alan Rowland, confirmed by John Hedger – see p. 2.