

FAUNA AND FLORA RECORDS 2010 (FOR GROUPS OTHER THAN BIRDS)

compiled by

TIM DAVIS & TIM JONES

Harpers Mill, Berryrnarbor, Ilfracombe, Devon EX34 9TB

Email: info@birdsoflundy.org.uk

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 for reviewing a draft.

WHALES, DOLPHINS AND PORPOISES (CETACEA)

Minke whale *Balaenoptera acutorostrata*

One seen west of Old Light by Clive Pearson (master of *Jessica Hettie*) on 15 Jun; length estimated at about 6 m. Two off the West Side between Old Light and the southern edge of Jenny's Cove on 19 Jun (James Leonard *et al.*). One seen lunge-feeding off the West Side from Old Light on 26 Jun.

Common dolphin *Delphinus delphis*

24 May – c.40 heading south off western end of Threequarter Wall.
29 May – 20 to 25 alongside MS *Oldenburg* about 15 minutes before arriving in the Landing Bay.
31 May – 80+ south of Castle Hill from 20.00 hrs; seen tracking east, then back west, with Manx Shearwaters in the same area.
15 Jun – minimum of six off western end of Threequarter Wall.
18 Jun – 20+ off St Philip's Stone.
25 Jun – at least six moving north, east of The Ugly.
11 Jul – at least 15 moving north, east of The Ugly.
1-5 Aug – up to 12 in the Landing Bay
2 Aug – 20 north of the Devil's Slide.
11 Aug – 30 to 40 SE of Gull Rock, accompanied by 50+ diving Gannets.
7 Sep – 12 off North End.
8 Sep – 16 off North East Point.
17 Sep – 11 off eastern end of Threequarter Wall.
25 Sep – 200+ off South West Point between 12:00 and 12:30 hrs.
26 Sep – two small pods (10 to 12 in each) off South End.
27 Sep – 20 to 30 off North End.
28 Sep – 20+ off Jenny's Cove.
17 Oct – 40+ off Jenny's Cove.

Bottle-nosed dolphin *Tursiops truncatus*

19 Jun – at least five off the West Side between Old Light and Jenny's Cove (James Leonard *et al.*)
7 Sep – three off Montagu Steps.

Harbour porpoise *Phocoena phocoena*

13 May – two south of South Light.
5 Jun – one, 500 m SE of Rat Island.
26 Jun – five seen off the West Side from Old Light.

- 1 Aug – two off Rat Island.
- 5 & 7 Sep – six off North End.
- 8 Sep – four off North End.
- 25 Sep – one off South West Point.
- 27 Sep – six off North End.

Unidentified dolphin or porpoise species

- 20 Apr – at least six heading north past Gull Rock.
- 10 May – two off Montagu Steps.
- 24 May – eight at North Light.
- 4 Jun – 10+ heading south past Jenny's Cove.
- 18 Jun – several among a large feeding flock of Manx Shearwaters just N of the Landing Bay and about half a mile out.
- 22 Jun – pod seen from MS *Oldenburg* approximately halfway across to Lundy.
- 25 Jul – “*Huge pod of cetaceans went past about 7pm, heading N up the E Side. We were at sea level so could not estimate numbers, but someone with a better view estimated nearly two miles from front to back.*”
- 1 Aug – pod of up to 20 seen off North East Point.
- 3 Aug – pod of c.10 off Gull Rock.
- 2 Sep – pod of 12 off The Battery.
- 3 Sep – five off North Light.
- 8 Sep – 16, thought possibly to have been white-beaked dolphins *Lagenorhynchus albirostris* or white-sided dolphins *L. acutus*, off North End (16 common dolphins also recorded in the same area on this date by the same observer).
- 3 Oct – 12 off the Terrace.
- 10 Oct – one off Rat Island.
- 25 Oct – 10+ off Brazen Ward.
- 27 Oct – five off North End with 40+ gannets feeding in same area.
- 28 Nov – three off Battery Point.

SEALS

Grey seal *Haliochoerus grypus*

- 28 Apr – 20 near Gannets' Rock and 12 at North Light; one had a fishing rope tight around its neck.
- 10 May – one eating an octopus (no location given).
- 31 May – four near North Light landing steps; five 'bottling' off Devil's Kitchen; 30 seen from MS *Oldenburg* on round-island boat-trip.
- 1 Jun – four or five seen from Benjamin's Chair.
- 2 Jun – at least a dozen basking at Brazen Ward.
- 25 Jul – four at North Light.
- 27 Jul – 11 at North End.
- 19 Sep – one off The Battery; two in Landing Bay.
- 21 Sep – eight.
- 10 Oct – two, Rat Island; five at North End.
- 21 Oct – 11 at Gannets' Bay plus 17 at Threequarter Wall Bay.
- 25 Oct – 37 at Seal Rock plus six at Gannets' Bay.
- 13 Nov – several off NE coast.
- 14 Nov – 21, Brazen Ward.
- 28 Nov – two, Jenny's Cove.

SHARKS

Basking shark *Cetorhinus maximus*

One seen by members of Appledore Sub-Aqua Club aboard *Compass Rose* en route to Lundy on 8 Jul (there is no indication in the logbook of how close to the island the shark was seen).

OTHER MARINE FISHES

Common eel *Anguilla anguilla*

One found on rocky shore east of the jetty during CoastWise rockpooling event on 11 Aug; an unusual record for Lundy (Nicola Saunders) – see colour plate 1 and page 65. Six (25-30 cm long) were found on the shore under rocks in Devil's Kitchen on 27 Sep (Andrew Cleave *et al.*).

Triggerfish *Balistes capriscus* (= *B. carolinensis*)

Two seen on the wreck of the *Carmine Filomena* on 25 Jul; this is a southern species unusual for Lundy (Chris Mandry, Ilfracombe Sub-Aqua Club, *per* Nicola Saunders) – see colour plate 1.

Angler fish *Lophius piscatorius*

A large specimen 60 cm in length was found alive in the Landing Bay on 26 Jun (Andrew Cleave).

MARINE INVERTEBRATES

Spider crab *Maja squinado*

On 30 Aug a band of spider crabs 4-5 m wide and at least 30 m long was seen moving south-west just north of the wreck of *The Robert* (Chris Mandry, Ilfracombe Sub-Aqua Club, *per* Nicola Saunders). Hundreds were found on the rocky shore just east of the jetty during a CoastWise rockpooling event on 11 Aug. The spider crabs were in a band, approximately 5 m long, above the low-water mark (Nicola Saunders).

INTRODUCED FRESHWATER FISHES

There were no logbook entries in 2010 for **Golden orfe** *Leuciscus idus*, **Mirror carp** *Cyprinus carpio* or **Crucian carp** *Carassius carassius* in Quarry Pond, Rocket Pole Pond or any of the other freshwater bodies on the island.

NATIVE LAND MAMMALS

Pygmy shrew *Sorex minutus*

24 Mar – one found dead on path between Government House and Blue Bung.

28 Apr – one on Terrace.

29 May – one on the south side of Castle Hill.

31 May to 2 Jun – one, Castle Keep South.

4 Jun – one, track near Tibbett's.

7 Aug – one outside Castle Cottage (one found dead in same area two hours later).

25 Aug – one at the Earthquake.

10 Sep – one within North Light perimeter wall.

2 Oct – one in the Tavern.

10 Oct – one (no location given).

Unidentified bats

29 Jul – two or three bats in flight seen from Little St John's at 10:00 hrs "appeared larger than *pipistrelles*" (Alan Rowland)

6 Sep – Tony Taylor noted a “medium-sized bat sp., hunting up & down High St. 21:30 hrs. Probably not Long-eared; no conspicuous ears!”.

10 Oct – “1 small bat sp almost certainly *Pipistrelle* outside Brambles” (Tim Ball *et al.*).

11 & 15 Oct – a small bat again seen outside Brambles (Tim Ball *et al.*).

22 Nov – “1 large bat flying up towards High Street. Wingspan approx 12 inches” (Lucie Watson).

FERAL LAND MAMMALS

The few counts entered in the logbook were clearly not representative of the numbers present on the island and so are not included here. The annual survey of feral mammals, coordinated by the National Trust (NT) and Natural England (NE), resulted in the following maximum counts:

Soay sheep <i>Ovis aries</i>	140
Sika deer <i>Cervus nippon</i>	72
Feral goat <i>Capra aegagrus hircus</i>	33

Rabbit *Oryctolagus cuniculus*

No meaningful counts entered in the logbook. In their annual report on feral mammals, the NT and NE stated: “The rabbit population on Lundy is recovering rapidly from the outbreak of myxomatosis in the early part of 2006 as evidenced by the pellet count indices returning estimates of 1,185 rabbits in 2008, 2,433 in 2009 and 12,960 rabbits in 2010.”

SPIDERS (ARACHNIDA)

Cobweb spider *Pholcus phalangioides*

29 May – inside Brambles (Roger & Rosy Key, Steve Compton).

Zebra spider (a jumping spider) *Salticus scenicus*

31 May – on wall of Brambles (Roger Key).

BEETLES (COLEOPTERA)

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

A diving beetle *Agabus bipustulatus*

2 Jun – in pool on main track near Quarter Wall (Roger Key, Steve Compton).

Green tiger beetle *Cicindela campestris*

28 Apr – two or three, Gannets' Combe (Ian Draycott & Ruth Allen).

30 May – “relatively few compared with other years – late season?” (Roger Key).

31 May – two near Threequarter Wall.

8 Jun – two, Lower East Side Path.

A ground-beetle *Badister bullatus* (= *B. bipustulatus*)

29 May – East Side near quarries (Roger & Rosy Key, Steve Compton).

Black snail beetle *Silpha atrata*

29 May – several at South Light (Roger & Rosy Key, Steve Compton).

A small Silphid beetle Silphidae

28 Apr – Gannets' Combe (in section 3, noted as “to be confirmed”, Ian Draycott & Ruth Allen)

Devil's coachhorse *Ocyopus olens*

18 Jul – one near The Battery.

22 Oct – one on wall near chicken run.

Minotaur beetle *Typhaeus typhoeus*

30 May – several along East Side between Brambles and Quarries (Roger Key).

Rose chafer *Cetonia aurata*

31 May – four or five on West Side near St Peter's Rock.

11 Jun – three feeding on thrift, near Shutter Point.

12 Jun – three feeding on thrift near Jenny's Cove.

15 Jun – Jenny's Cove.

14 Jul – one about halfway along the Beach Road.

21 Sep – one (no other details).

A click beetle *Agrypnus murinus*

30 May – around the Castle (Roger Key).

Common red soldier beetle *Rhagonycha fulva*

18 Jul – Numerous near The Battery.

A pollen beetle *Meligethes viridescens*

29 May – fairly common on Lundy cabbage along Beach Road (Roger & Rosy Key, Steve Compton).

A darkling beetle *Isomira murina*

30 May – Quarries (Roger Key).

A bloody-nosed beetle *Timarcha* sp.

28 Apr – Gannets' Combe (Ian Draycott & Ruth Allen).

Knotgrass leaf beetle *Chrysolina polita*

29 May – South Light (Roger & Rosy Key, Steve Compton).

A flea beetle *Psylliodes luridipennis*

31 May – Quarry Bay (Roger Key).

14 Nov – on Lundy cabbage beneath The Ugly (Danielle Richards).

Cabbage seed weevil *Ceutorhynchus assimilis*

29 May – fairly common on Lundy cabbage along Beach Road (Roger & Rosy Key, Steve Compton).

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

30 May – black-legged form (“probably a separate species; research underway”) common on scurvy-grass on the Landing Beach (Roger Key).

31 May – Quarry Bay (Roger Key).

14 Nov – on Lundy cabbage below The Ugly (Danielle Richards).

FLIES (Diptera)

With the exception of Roger Key's note under 'Other invertebrates' (see below), no logbook entries for Diptera in 2010.

BEES & WASPS (HYMENOPTERA)

Bees and wasps were severely under-recorded in 2010, with the following being the only logbook entries:

Tree bee *Bombus hypnorum*

Visiting fuchsia flowers at Millcombe Gate, 27 Sep (Andrew Cleave).

This cavity-nesting bumble-bee, originally from continental Europe, was first recorded in the UK in 2001. Since then it has colonised rapidly and is now widespread over much of England (especially south-eastern counties) and South Wales. This appears to be the first record for Lundy.

Unidentified bumble-bee *Bombus* sp.

One at Pondsbury on 20 Oct.

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

31 May – large numbers at North Light (Roger Key).

BUTTERFLIES (LEPIDOPTERA)

The cold winter and late spring were reflected in there being no butterfly records at all during the first three months of the year, with only three species logged during Apr (an unusual triumvirate of 'firsts' for the year being **green-veined white** on 10th, **wall brown** on 16th, and **small copper** on 29th). After the excitement of the **painted lady** invasion of last year, 2010 was a poor year for migrant butterflies, with modest numbers of **red admirals**, very few **painted ladies**, no **clouded yellows** *Colias croceus*, and no notable influxes of other species that can sometimes undertake significant migrations (e.g. **small white**). Dull, damp weather for much of the summer for a fourth consecutive year was reflected in generally low numbers for all species, with the exception of that hardy perennial **meadow brown**, which happily flies in overcast conditions. There was a late flourish from **small coppers**, **red admirals** and a handful of other species in Sep, but the sudden drop in temperatures in late Nov meant that the **red admiral** that put in an appearance on 6 Dec was very much an exceptional 'last' butterfly of 2010.

Large white *Pieris brassicae*

More likely a consequence of under-recording than absence of the species (see note below under small white), **large white** was not noted in the logbook until 4 Jun (one). The last of the year was recorded on 9 Oct (two), while higher counts included 20 on 12 Jul and 50 on 8 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
–	–	–	–	–	15	20	50	1	4	–	–
–	–	–	–	–	12	9	9	6	5	–	–

Small white *Pieris rapae*

It seems likely that confusion between the three common and superficially alike 'whites' on Lundy leads to over-recording of small white and under-recording of the other two species. Entries for **small white** spanned the period 5 May (three) to 13 Nov (three), with maxima of 30 on 15 Jul, 25 on 8 Aug and 15 on 16 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
–	–	–	–	10	5	30	25	15	1	3	–
–	–	–	–	10	5	2	6	11	1	1	–

Green-veined white *Pieris napi*

See note under small white regarding likely confusion of white butterfly species. **Green-veined whites** were recorded between 10 Apr (15) and 3 Oct (six), with a maximum of 20+ on 28 Apr.

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

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

Small copper *Lycaena phlaeas*

Seen between 29 Apr (six) and 25 Oct (one), with a spring maximum of six on 29 Apr and 31 May and a peak autumn count of nine on 6 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
–	–	–	6	6	nc*	1	1	3	9	–	–
–	–	–	1	2	2	1	2	6	10	–	–

*nc = present, but no counts entered in logbook

Common blue *Polyommatus icarus*

Apparently very scarce in 2010. The only spring records were singles on 6 & 10 May followed by an indication of presence (but no count) on 2 Jun and two on 9 Jun. Later in the summer, two on 26 Jul and one on 28 Jul, but these were the last logbook entries of the year, with no records at all for Aug or Sep.

Holly blue *Celastrina argiolus*

Very few logbook entries were made for this species in 2010. Reported on 21 Jun (one), 22 Jun (two) and 24 Jun (six). In autumn, recorded on 18 Sep (six), 19 Sep (four) and 23 Sep (six).

Red admiral *Vanessa atalanta*

Recorded between 31 May (logbook indicates presence but gives no count) and 6 Dec (one), with low numbers during the spring and summer – the only count of 10 or more being 12 on 30 Aug. In autumn, counts continued to be in single digits throughout Sep, though there were 10 double-digit counts in Oct, including 35 on 3rd & 4th, and 50 on 17th.

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	8	5	12	9	50	2	1
–	–	–	–	1	16	12	15	18	25	5	1

Painted lady *Vanessa cardui*

A very poor year for this species, in marked contrast to the thousands recorded in May/June 2009, with no more than two reported in a day. First on 11 Jun (one), last on 24 Oct (two).

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	1	2	2	2	–	–
–	–	–	–	–	3	2	1	10	7	–	–

Small tortoiseshell *Aglais urticae*

Traditionally one of the first species to be recorded each year, the earliest small tortoiseshell report for 2010 was not until 26 May (one). There were records on only 10 further days until the end of the year, the last of these involving five on 11 Oct, the highest count of the year.

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	1	2	–	3	5	–	–
–	–	–	–	2	1	1	–	4	3	–	–

Peacock *Inachis io*

Singles on 21 Jul, 2 Aug and 9 & 12 Sep.

Speckled wood *Pararge aegeria*

One in lower Millcombe on 7 Sep.

Wall brown *Lasiommata megera*

Singles on 16 & 17 May.

Grayling *Hipparchia semele*

Up to five individuals on the goat track above the Beach Road and also just below Marisco Castle between 26 June and 3 July (Andrew Cleave, Paul Sterry, Lee Morgan). On 29 Jun, “several” on the slopes around Montagu Steps (Lee Morgan).

Gatekeeper *Pyronia tithonus*

Recorded between 12 Jul (10) and 13 Aug (presence indicated but no count given) with maximum of 50 on 14 Jul.

Meadow brown *Maniola jurtina*

Recorded between 6 Jul (presence indicated but no count given) and 13 Aug (presence indicated but no count given) with peak numbers on 11 & 12 Jul given in the logbook as “thousands”.

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

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
–	–	–	–	–	75	'000s	10s	–	–	–	–
–	–	–	–	–	7	20	8	–	–	–	–

Ringlet *Aphantopus hyperantus*

Recorded between 8 Jul (presence indicated but no count given) and 21 Jul (one) with a maximum of just four on 16 Jul.

Small heath *Coenonympha pamphilus*

The spring/early summer generation was recorded between 18 May (one) and 24 Jun (10), with a maximum of “hundreds” on 2 & 4 Jun. The late summer/autumn generation was on the wing between 16 Aug (presence indicated but no count given) and 9 Sep, with a peak count of 20 on 30 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
–	–	–	–	1	'00s	–	20	9	–	–	–
–	–	–	–	3	20	–	4	6	–	–	–

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 officially recognised sequence of British moths used in Waring & Townsend and elsewhere.

169 **Six-spot burnet** *Zygaena filipendulae* or 170 **Five-spot burnet** *Zygaena trifolii*

29 May – a large number of caterpillars and pupae near South Light. Also large numbers of caterpillars (possibly thousands) along side of road opposite Brambles.

30 May – caterpillars found in the water at the small pond on Ackland's Moor.

31 May – a dozen or more caterpillars on West Side near Jenny's Cove.

Moths recorded flying until 2 Aug, with a maximum of 250 on 15 Jun. Most records appear to refer to five-spot burnets.

169 **Six-spot burnet** *Zygaena filipendulae*

11 Jun – two adult moths were seen in the Shutter Point corner of South West Field (Tony John).

30 Jun – 15 Six-spot trapped at actinic light in Millcombe.

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

6 June – colony of 100+ caterpillars and scores of pupae c.150 m south of Threequarter Wall and hundreds more over the whole of Middle Park (Tim Davis & Tim Jones).

11 Jun – three adults, six caterpillars and dozens of pupae, nearly all on thrift, in South West Field (Tony John).

15 Jun – 250 moths.

1637 **Oak eggar** *Lasiocampa quercus*

One was seen and photographed in long grass outside the Tavern on 31 Jul (Alan Rowland).

Caterpillars recorded on 5 & 10 Jun, 6 Jul and 29 Sep.

1636 **Grass eggar** *Lasiocampa trifolii* or 1637 **Oak eggar** *Lasiocampa quercus*

A pair was watched mating near the Earthquake on 19 Jul: "After separating the male quivered his wings for about a minute and then flew off, leaving the female behind" (John Lazarus *et al.*).

1643 **Emperor moth** *Saturnia pavonia*

A male, which landed on a visitor's red coat at Jenny's Cove on 6 May, was followed by one on 7 May and two on 5 Jun. Caterpillars were seen as follows:

5 Jul – one on main track near Quarry Cottages.

11 Jul – one towards North End.

22 Jul – one just south of Threequarter Wall.

4 Aug – one on the East Side, south of Halfway Wall.

15 Aug – one near the western end of Halfway Wall.

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

One on 31 May; one between Brambles and Millcombe, and also in the Walled Gardens for three days from 27 Jun; two around *Hebe* tree in corner of Tavern beer/tea garden on 21 & 22 Jul. Three on 23 Jul. Singles on nine dates between 7 & 29 Sep (the latter the last of the year), plus two on 11th & 26th.

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

29 May – East Side near quarries.

2 Jun – one, VC Quarry (Steve Compton, Roger Key); one taken in flight by Wheatear at Halfway Buttress (Roger Key).

6 Jun – one along the Terrace.

28 Jun – one trapped at actinic light below Government House.

2069 **The cinnabar** *Tyria jacobaeae*

17 Jun – one on Upper East Side Path. Caterpillars seen “frequently all week over the island” – logbook entry on 4 Aug.

2441 **Silver Y** *Autographa gamma*

A poor year for this sometimes abundant migrant. Recorded on just 15 dates between 31 May (presence indicated, but no count given) and 28 Sep (one), with a maximum of 20 on 11 Aug (the only count of more than three in a day).

28 & 29 Jun – five trapped at actinic light in the Cemetery.

28 Sep – trapped at actinic light, Government House.

NOCTURNAL MOTHS (Lepidoptera)

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

17 **Common swift** *Hepialus lupulinus* (a micro-moth)

26 Jun – seven trapped at actinic light at Old Light.

972 **Dark fruit-tree tortrix** *Pandemis heparana* (a micro-moth)

28 & 29 Jun – one trapped at actinic light below Government House.

1175 **Bramble shoot moth** *Epiblema uddmanniana* (a micro-moth)

28 & 29 Jun – one trapped at actinic light below Government House.

1338 **Dipleurina lacustrata** (a micro-moth)

28 & 29 Jun – three trapped at actinic light below Government House.

30 Jun – one trapped at actinic light in Millcombe.

1376 **Small magpie** *Eurrhynx hortulata* (a micro-moth)

26 Jun – one trapped at actinic light in the Cemetery.

28 & 29 Jun – one trapped at actinic light below Government House.

1392 **Udea olivalis** (a micro-moth)

30 Jun – one trapped at actinic light, Millcombe.

1638 **Fox moth** *Macrothylacia rubi*

5 May – caterpillars seen.

8 Jun – female at actinic light trap.

26 Jun – several trapped at actinic light in the Cemetery/Old Light area.

17 Aug – a caterpillar near the western end of Threequarter Wall.

28 Sep – caterpillars abundant.

3 Oct – many tens of caterpillars.

Caterpillars recorded on a further 14 dates in Oct, the last of these being 28th (five).

1669 **Common emerald** *Hemithea aestivaria*

30 Jun – one trapped at actinic light in Millcombe.

- 1713 **Riband wave** *Idaeia aversata*
30 Jun – three trapped at actinic light, Millcombe.
- 1728 **Garden carpet** *Xanthorhoe fluctuata*
27 Sep – trapped at actinic light, Government House.
- 1752 **Purple bar** *Cosmorhoe ocellata*
8 Jun – one at actinic light trap, Little St John's.
26 Jun – one trapped at actinic light in the Cemetery/Old Light area.
- 1755 **The chevron** *Eulithis testata*
28 & 29 Jun – two trapped at actinic light below Government House.
- 1762 **Dark marbled carpet** *Chloroclysta citrata*
27 Sep – trapped at actinic light, Government House.
- 1764 **Common marbled carpet** *Chloroclysta truncata*
26-30 Jun – several at actinic light in Cemetery/Old Light area and below Government House.
- 1769 **Spruce carpet** *Thera britannica*
27 Sep – trapped at actinic light, Government House.
- 1802 **The rivulet** *Perizoma affinitata*
28 & 29 Jun – one trapped at actinic light below Government House.
- 1825 **Lime-speck pug** *Eupithecia centaureata*
30 Jun – three trapped at actinic light in Millcombe.
- 1846 **Narrow-winged pug** *Eupithecia nanata*
28 & 29 Jun – three trapped at actinic light below Government House.
30 Jun – two trapped at actinic light in Millcombe.
- 1902 **Brown silver-line** *Petrophora chlorosata*
Up to five recorded daily along the East Side on 6, 8 & 9 Jun.
30 Jun – seven trapped at actinic light in Millcombe.
- 1906 **Brimstone moth** *Opisthograptis luteolata*
28 & 29 Jun – one trapped at actinic light below Government House.
- 1941 **Mottled beauty** *Alcis repandata*
28 & 29 Jun – two trapped at actinic light below Government House.
- 1945 **Brussels lace** *Cleorodes lichenaria*
28 & 29 Jun – one trapped at actinic light below Government House.
- 1958 **Clouded silver** *Lomographa temerata*
28 & 29 Jun – one trapped at actinic light below Government House.
- 1961 **Light emerald** *Campaea margaritata*
28 & 29 Jun – one trapped at actinic light below Government House.
- 1994 **Buff-tip** *Phalera bucephala*
30 Jun – eight trapped at actinic light in Millcombe.

2028 **Pale tussock** *Calliteara pudibunda*

8 Jun – three males at actinic light trap, Little St John's. A caterpillar in Millcombe, 17 Oct.

2057 **Garden tiger** *Arctia caja*

Caterpillars recorded on 5 & 29 May, with two on 30 & 31 May. Locations included the Beach Road, Pondsby/St Mark's stream area, the path down to North Light and the main track between Halfway and Threequarter Walls.

28 & 29 Jun – seven trapped at actinic light below Government House.

2060 **White ermine** *Spilosoma lubricipeda*

28 & 29 Jun – four trapped at actinic light below Government House.

2061 **Buff ermine** *Spilosoma luteum*

8 Jun – one found in the ladies' loo!

28 & 29 Jun – eight trapped at actinic light below Government House.

2064 **Ruby tiger** *Phragmatobia fuliginosa*

18 May – one.

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

26 Jun-1 Jul – "abundant"; 20+ trapped at actinic light in Cemetery/Old Light area.

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

28 & 29 Jun – one trapped at actinic light below Government House.

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

28 Sep – trapped at actinic light, Government House.

2102 **Flame shoulder** *Ochropleura plecta*

11 Jun – one at actinic light trap, Little St John's.

30 Jun – four trapped at actinic light in Millcombe.

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

28 & 29 Jun – five trapped at actinic light below Government House.

30 Jun – eight trapped at actinic light in Millcombe.

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

26 Jun-1 Jul – 20+ at actinic light in Cemetery/Old Light area.

2120 **Ingrailed clay** *Diarsia mendica*

30 Jun – four trapped at actinic light in Millcombe.

2123 **Small square-spot** *Diarsia rubi*

8 Jun – one at actinic light trap, Little St John's

11 Jun – two.

2126 **Setaceous Hebrew character** *Xestia c-nigrum*

28 Sep – trapped at actinic light, Government House.

2163 **Broom moth** *Melanchra pisi*

28 & 29 Jun – one trapped at actinic light below Government House.

2160 **Bright-line brown-eye** *Lacanobia oleracea*
9 & 11 Jun – singles at actinic light trap, Little St John's.
28 & 29 Jun – 50+ trapped at actinic light below Government House.

2169 **Barrett's marbled coronet** *Hadena luteago*
30 Jun – three trapped at actinic light, Millcombe.

2171 **Marbled coronet** *Hadena confusa*
28 & 29 Jun – one trapped at actinic light below Government House.

2193 **The clay** *Mythimna ferrago*
28 & 29 Jun – five trapped at actinic light below Government House.

2202 **L-album wainscot** *Mythimna l-album*
30 Jun – five trapped at actinic light, Millcombe.
26 Sep – trapped at actinic light, Government House.

2270 **Lunar underwing** *Omphaloscelis lunosa*
26 Sep – six trapped at actinic light, Government House.
5 Oct – one in Government House.

2289 **Knot grass** *Acronicta rumicis*
8 Jun – one at actinic light trap.
28 & 29 Jun – three trapped at actinic light below Government House.
4 Aug – caterpillar at the top of North Light steps.

2305 **Small angle shades** *Euplexia lucipara*
28 & 29 Jun – one trapped at actinic light below Government House.

2306 **Angle shades** *Phlogophora meticulosa*
28 & 29 Jun – four trapped at actinic light below Government House.

2321 **Dark arches** *Apamea monoglypha*
26-28 Jun – singles trapped at actinics at Old Light and Cemetery.

2337 **Marbled minor** *Oligia strigilis*
28 & 29 Jun – three trapped at actinic light below Government House.

2340 **Middle-barred minor** *Oligia fasciuncula*
28 & 29 Jun – one trapped at actinic light below Government House.

2350 **Small wainscot** *Chortodes pygmina*
26 Sep – trapped at actinic light, Government House.

2353 **Flounced rustic** *Luperina testacea*
27 Sep – trapped at actinic light, Government House.

2361 **Rosy rustic** *Hydraecia micacea*
28 Sep – trapped at actinic light, Government House.

2364 **Frosted orange** *Gortyna flavago*
26 Sep – six trapped at actinic light, Government House.

2381 **The uncertain** *Hoplodrina alsines*
28 & 29 Jun – one trapped at actinic light below Government House.

2442 **Beautiful golden Y** *Autographa pulchrina*
28 & 29 Jun – one trapped at actinic light below Government House.

2450 **The spectacle** *Abrostola tripartita*
28 & 29 Jun – three trapped at actinic light below Government House.

2469 **The herald** *Scoliopteryx libatrix*
26 Sep – one in Benson's Cave.

2477 **The snout** *Hypena proboscidalis*
28 & 29 Jun – four trapped at actinic light below Government House.

2489 **The fan-foot** *Zanclognatha tarsipennalis*
30 Jun – two trapped at actinic light, Millcombe.

CADDIS FLIES (TRICHOPTERA)

With the exception of Roger Key's note under 'Other invertebrates' (see below), no logbook entries for Trichoptera in 2010.

BUGS (HEMIPTERA)

No logbook entries for Hemiptera in 2010.

DAMSELFLIES & DRAGONFLIES (ODONATA)

Odonata were severely under-recorded in 2010, with the following being the only logbook entries:

Migrant hawkler *Aeshna mixta*
One on 20 Sep.

Common darter *Sympetrum striolatum*
Singles on 21 Sep and 6 Oct.

GRASSHOPPERS (ORTHOPTERA)

No logbook entries for Orthoptera in 2010.

OTHER INVERTEBRATES

Horse leech *Haemopsis sanguisuga*
2 Jun – in pool on main track near Quarter Wall (Roger Key).

On 31 May, Roger Key noted: "*Wet seepages down cliff at Quarry Bay with tube-dwelling caddis, midge larvae, 2 x species of Dolichopodidae.*" (We were delighted to find that the common name for insects in the family Dolichopodidae is 'thick-headed flies' – compilers.)

FLORA

There were fewer flora records entered in the logbook in 2010 than in recent years.

In May, Andrew Cleave launched an appeal through the LFS Logbook requesting visitors to keep an eye open for five plants known to have occurred on Lundy in the past but not recorded for many years. These included chaffweed (*Angallis minima*), white horehound (*Marrubium vulgare*), autumn ladies' tresses (*Spiratnthes spiralis*), moonwort (*Botrychium lunaria*) and lanceolate spleenwort (*Asplenium obovatum*). It was fitting that Andrew himself found chaffweed later in the year (see entry below).

Golden hair lichen *Teloschistes flavicans*

13 Jun – on rocks at North End.

Small adder's-tongue fern *Ophioglossum azoricum*

6 Jun – good numbers scattered across Middle Park (Tim Davis & Tim Jones).

Rusty-backed fern *Asplenium ceterach*

30 Jun – 50+ plants near Blue Bung (Andrew Cleave).

Chaffweed *Angallis minima*

30 Jun – Quarter Wall Pond (Andrew Cleave).

Common broomrape *Orobanche minor*

31 May – 27 spikes on broom in Quarry Bay (Roger Key).

Greater broomrape *Orobanche rapum-genistae*

29 Jun – 50+ spikes on broom in Quarry Bay (Andrew Cleave).

Bog asphodel *Narthecium ossifragum*

26 Jun-1 Jul – abundant around Ponsbury.

Heath spotted orchid *Dactylorhiza maculata* ssp. *ericetorum*

9 Jun – one in flower near Ponsbury (Tony Taylor).

26 Jun-1 Jul – hundreds in flower around Ponsbury, showing considerable variation in colour (Andrew Cleave).

On 29 May, Roger & Rosy Key and Steve Compton noted: "Huge changes in plant communities on Lametry – sheep's bit and scarlet pimpernel more or less gone since last year."

REFERENCES

Bradley, J.D. & Fletcher, D.S. (1979). *A Recorder's Log Book or Label List of British Butterflies and Moths*. Harley Books, Colchester.

Stace, C. (1999). *Field Flora of the British Isles*. Cambridge University Press.

Waring, P. & Townsend, M. (2009, 2nd edition). *Field Guide to the Moths of Great Britain and Ireland*. British Wildlife Publishing, Gillingham, Dorset.