

**2008 FAUNA AND FLORA RECORDS (FOR GROUPS OTHER THAN BIRDS)
TAKEN FROM THE LFS LOGBOOK**

Compiled by

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The following records are taken entirely from the LFS Logbook and are reproduced here in good faith. No attempt has been made to verify these reports in their entirety but special thanks are due to Roger Key for his assistance, particularly in checking the nomenclature and treatment of invertebrate records.

Whales, dolphins and porpoises (Cetacea)

Minke whale *Balaenoptera acutorostrata*

24 Aug: three seen circling the *Jessica Hettie* and divers for about an hour near the wreck of the *Robert*. (see photo at www.simplydiving.org/Lundy.html). One of these three individuals later thought possibly to be a Sei Whale *Balaenoptera borealis*.

Unidentified whale species

11 May: one reported as possible Minke, off North West Point.

Common dolphin *Delphinus delphis*

Six records, May–Oct.

8 May: one Jenny's Cove.

7 Jun: 15 in Tibbett's Bay.

31 Aug: 25 southwest of Shutter Rock.

7 Sep: two pods of approximately 12 each, off the East Side between White Beach and Tibbett's Point.

18 Sep: Between 60 and 100+ about a mile west of The Battery.

15 Oct: eight or more feeding near Rat Island.

Risso's dolphin *Grampus griseus*

One record.

23 Oct: a female and a calf seen off Rat Island.

Bottle-nosed dolphin *Tursiops truncatus*

Two records, in Jun & Oct.

3 Jun: four to six off the South End.

15 Oct: at least three just south of Rat Island.

Harbour porpoise *Phocoena phocoena*

Recorded on 19 dates, Jan to Oct; most frequently May & Jun.

28 Jan: two south of Rat Island.

22 Apr: two about two miles east of Lundy.

9 May: six feeding off North West Point.

14 May: two in Jenny's Cove.

19 May: five (no further details given).

27 May: three off Battery Point.

29 May: one off North East Point.

1-2 Jun: five to eight off South End.

6 Jun: at least two off Pilot's Quay.
10 Jun: up to six off Shutter Rock.
19 Jun: two off the Ugly.
2 Aug: approximately 20 off the East Side.
7 Aug: one, Jenny's Cove; two off Rat Island.
4 Sep: two (no further details given).
5 Sep: 10 off the South End.
16 Sep: Five off North Light.
15 Oct: two off Rat Island.
19 Oct: 12-15 off The Battery and about five off South Light.
20 Oct: two off The Ugly and 10 off North End.

Unidentified dolphin or porpoise species

Eight records between 18 Apr and 18 Oct, incl. pod of 30 off Gannets' Bay on 10 Jun and 50+ between North West Point and St John's Stone on 11 May.

Seals

Grey seal *Haliochoerus grypus*

Under-recorded, with very few counts >10.

1 Jan: 17 at Brazen Ward.
11 Mar: 23 basking at Gannets' Bay.
25 Mar: 35 at St Philip's Stone.
25 Mar: 47 along East Side between Seal Rock and Knoll Pins.
19 Jun: 20 at Brazen Ward, including one pup.
6 Jul: 25+ (no further details given).
1 Aug: 37 (no further details given).
2 Sep: 34 on East Side.

Sharks

Basking shark *Cetorhinus maximus*

Only one record, typically in late summer.

2 Aug: two heading north along East Side from the Ugly.

Introduced freshwater fishes

Golden Orfe *Leuciscus idus*

Five in Quarry Pond on 28 Apr.

Mirror Carp *Cyprinus carpio*

The only report was of 12 in the Rocket Pole Pond on 29 Apr.

Native land mammals

Pygmy shrew *Sorex minutus*

Records on 21 dates between 4 Mar and 30 Dec; twelve of these records from inside buildings, including Old Light, Stoneycroft, Old House North, Blue Bung (Old School House), Government House, Hammers, Castle Cottage, Castle Keep North and the gas store in Millcombe. Other sightings from North End, near Tibbett's, Lower East

Side Path, Castle Hill, Millcombe, and western end of Threequarter Wall. Three young were born in the wastepaper basket in one of the bedrooms in Hammers at the end of May!

Common pipistrelle bat *Pipistrellus pipistrellus*

Two records, both in May.

19 May: one by the Tavern.

29 May: 13 seen leaving Old House South roost site.

Unidentified bats were recorded on 14 Jun (one flying north near the Tavern, thought possibly to have been a horseshoe bat) and 22 Dec (one).

Feral land mammals

Rabbit *Oryctolagus cuniculus*

Sightings were widespread but numbers still generally low, with the population recovering from near-extinction during the major outbreak of myxomatosis in 2006. The feral mammal survey in May 2008 led to a population estimate of 847. No significant counts were recorded in the LFS logbook.

Feral goat *Capra aegagrus hircus*

The feral mammal survey in May led to a population estimate of 40; a 14% increase from 35 in 2007. The maximum count from the LFS logbook was just 12 on 1 Jan.

Soay sheep *Ovis aries*

The feral mammal survey in May led to a population estimate of 249, representing a 34% increase on the estimate of 186 in 2007. The maximum count from the LFS logbook was 80 on 19 Oct.

Sika deer *Cervus nippon*

The feral mammal survey in May led to a population estimate of 83, representing a 16% decrease since 99 were counted in 2007. The maximum count from the LFS logbook was 27 on 4 Mar.

Spiders (Arachnida)

A spider found on 15 Mar has been identified by Roger Key from a copy of photos in the logbook as probably *Coelotes atropos* or *C. terrestris*. Both are typical for the early part of the year, but the features separating the two species could not be determined from the available images.

Beetles (Coleoptera)

The many records for early June were all contributed by Roger Key.

A ground-beetle *Amara tibialis*

Recorded on path along the top of the Quarries on 3 Jun.

A ground-beetle *Carabus arvensis*

Recorded at North End on 4 Jun.

A ground-beetle *Carabus nemoralis*

Recorded on path along the top of the Quarries on 3 Jun.

Violet ground-beetle *Carabus violaceus*

One at Old Light on 30 May.

Green tiger beetle *Cicindela campestris*

First of year seen below Benjamin's Chair on 4 Mar. Other records on: 14 & 17 May (100s, West Sidelands); 29 May (six Gannets' Combe); 30 May (one Old Light); and 1 Jun (common along East Sidelands from Castle to Quarter Wall).

Knotgrass leaf beetle *Chrysolina polita*

Recorded on path along the top of the Quarries on 3 Jun.

A flea beetle *Psylliodes napi*

About a dozen specimens in Millcombe on 1 Jun.

A flea beetle *Psylliodes lundipennis*

Only two from large amount of sweeping on 1 Jun.

Seven-spot ladybird *Coccinella septempunctata*

Abundant on 14 May.

Lundy cabbage leaf weevil *Ceutorhynchus contractus pallipes*

Black and yellow-legged forms very abundant in Millcombe on 1 Jun; also recorded at North End on Danish Scurvy-grass *Cochlearia danica* on 4 Jun.

A weevil *Trichosirocalus dawsoni*

Recorded when sweeping west of Castle on 3 Jun.

A weevil *Tychius picrostris*

Recorded when sweeping west of Castle on 3 Jun.

A pill beetle *Byrrhus fasciatus*

Seven specimens along road from the Village to the Castle on 1 Jun.

The click beetles *Agriotes pallidulus*, *Agrypnus murinus*, *Athous haemorrhoidalis* and *Prosternon tessellatum* were all found on Lametry at the back of South Light on 31 May.

A click beetle *Melanotus erythrops*

Recorded on path along the top of the Quarries on 3 Jun and at North End on 4 Jun.

A click beetle *Selatosomus aeneus*

Recorded at North End on 4 Jun.

A dumbledor beetle *Geotrupes stercorosus*

The only reports were on 23 Mar and 27 Apr.

Minotaur beetle *Typhaeus typhoeus*

Numerous on the East Side on 3 Mar and widespread across the island on 4 Mar. All 37 'walking' individuals counted along the Terrace on 6 Mar were females; males were digging or occupying burrows. The only other report was on 27 Apr.

Rose chafer *Cetonia aurata*

One on 14 May; one on 1 Jun; seen most days 28 Jul to 4 Aug, mainly at North End. One, Old Light on 7 Aug; and one by The Ugly on 8 Aug.

Black snail beetle *Silpha atrata*

One along road from the village to the Castle on 1 Jun and along the top of the Quarries on 3 Jun.

Devil's coachhorse *Ocypus olens*

One on Old House courtyard steps on 21 Oct; one at Old Light Cottage (Old Light East) on 28 Oct.

A rove beetle *Staphylinus erythropus*

Recorded on West Side near Earthquake on 4 Jun.

Flies (Diptera)

Bird ked *Ornithomyia avicularia*

One in Brambles on 1 Jun.

Bumble-bees & wasps (Hymenoptera)

Lots of single bumble-bees on 27 Feb (first of the year).

Bombus terrestris and ***B. pascuorum*** reported on 27 Apr.

Many bumble-bees on 18 May.

Sand digger wasp *Cerceris arenaria* One between Quarter Wall Copse and St Helen's Copse on 3 Sep.

Butterflies (Lepidoptera)

Large white *Pieris brassicae*

Recorded from 22 Apr to 22 Oct with max of 40 on 26 Jul.

Small white *Pieris rapae*

Recorded from 14 Mar to 12 Oct, with max of 60 on 8 Aug.

Green-veined white *Pieris napi*

Recorded from 14 May to 8 Oct, with max of 100+ on 26 Jul.

Small copper *Lycaena phlaeas*

Recorded on 18-19 May, 1 & 29-30 Jun, 1 & 3 Jul, 7 Aug, then regularly from 30 Aug to 13 Sep, with further sightings on 27 Sep and 9, 11 & 21 Oct. Max 6 on 2 Sep.

Common blue *Polyommatus icarus*

Singles reported on 24 and 28 Apr were perhaps more likely to have been Holly Blues. Thereafter recorded only on 1 & 6 Jun (numbers unspecified) and 2 Sep (one).

Holly blue *Celastrina argiolus*

One on 1 May, then two on 4 Aug and one on 8 Aug were the only sightings. See comment under Common Blue for possible late April records of this species.

Red admiral *Vanessa atalanta*

Reported between 26 Mar and 12 Nov, with higher counts all in late summer and autumn: 20 on 26 Jul, 25 on 8 Aug and 30 on 8 & 21 Oct. Southward movements of one approximately every ten minutes were noted on 26 Sep. The highest spring count was six on 19 & 31 May.

Painted lady *Vanessa cardui*

Only three spring records, all of one to three butterflies, between 15 Apr and 27 May. Then ten summer/autumn records of ones and twos from 3 Jul to the last of the year on 21 Oct.

Small tortoiseshell *Aglais urticae*

Singles on 11 dates: 2 & 31 May; 21, 29 & 30 Jun; 3 Jul; 2 & 4 Aug; 3 Sep; and 5 & 26 Oct. The last sighting of the year was of two on 5 Nov.

Peacock *Inachis io*

In spring, recorded on 23 & 24 Apr only (two and three, respectively). A meagre late summer/autumn showing also, with singles on 5 & 16 Sep and 22 Oct. Eighteen caterpillars reported from East Sidings near the quarries on 7 Sep.

Grayling *Hipparchia semele*

Six on 26 Jul, followed by singles on 3 & 6 Aug were the only records.

Gatekeeper *Pyronia tithonus*

Ten on 26 Jul and three on 20 Aug were the only records.

Meadow brown *Maniola jurtina*

Reported from 29 Jun to 14 Sep, with max of 300+ on 26 Jul.

Ringlet *Aphantopus hyperantus*

Six on 26 Jul was the only record.

Small heath *Coenonympha pamphilus*

Six on 30 May, then reported almost daily until the max for the year of 20 on 15 Jun. Thereafter, 15 on 30 Aug, one on 3 Sep and two on 14 Sep.

[White admiral *Limenitis camilla*

One was reported on 11 Oct, but the flight period of this species is over by mid-August; perhaps this was an escaped or released non-native species?]

Day-flying moths (Lepidoptera)

Six-spot burnet *Zygaena filipendulae*

Up to 19 on thistles near Old Light on 3 & 4 Aug; three on 7 Aug.

Five-spot burnet *Zygaena trifolii*

Caterpillars seen on 31 May. Adults on 11 & 12 Jul in Millcombe; 13 Jul at Pondsburry; and 50 on 26 Jul.

Thrift clearwing *Syansphecia muscaeformis*

Present at North End on 4 Jun.

Oak eggar *Lasiocampa quercus*

Caterpillar on 17 May. Adult on 20 Jul, six on 26th, one on 28th.

Emperor moth *Saturnia pavonia*

First recorded on 14 May. Max four on 20 May (also the last record for the year). One reported on 4 Aug was probably an oak eggar as emperor moth flight period is over by the end of May.

Hummingbird hawk-moth *Macroglossum stellatarum*

Singles on 1 & 4 Aug and 12 Oct.

Cream-spot tiger *Arctia villica*

One at the eastern end of Quarter Wall and two at Brambles, all on 1 Jun; one below Quarry Cottages on 19 Jun.

Cinnabar *Tyria jacobaeae*

Recorded on Tibbett's Hill on 19 Jul.

Silver Y *Autographa gamma*

One on 26 Jul; 12 on 11 Sep, four on 14th. Also recorded on 25 Sep and on seven dates in Oct (max six on 8th; last four on 24th).

Mainly night-flying moths (Lepidoptera)

Diamond-back moth *Plutella xylostella* (a micro-moth)

One at Rocket Pole on 31 May.

Coleophora discordella (a micro-moth)

Larval cases found on South Light steps on 3 Jun; larvae feeding on and mining greater bird's-foot-trefoil *Lotus pedunculatus*.

Parsnip moth *Depressaria heraclei* (a micro-moth)

One on 20 Oct.

Eudonia angustea (a micro-moth)

One at actinic light trap on 8 Oct.

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

One on 8 Oct.

Fox moth *Macrothylacia rubi*

Eighteen caterpillars in grassland south of Halfway Wall on 7 Sep. Caterpillars also reported on 10 Sep by Blue Bung (Old School House) and Millcombe; caterpillars numerous on East Side on 5 Oct. Also reported 8 & 9 Oct.

Brown silver-line *Petrophora chlorosata*

Many on the wing on 30 May; common along East Sidelands from the Castle to Quarter Wall on 1 Jun. Larvae seen on 8 & 9 Oct.

Light emerald *Campaea margaritata*

One at actinic light trap on 8 Oct.

Pale tussock *Calliteara pudibunda*

One at Castle Keep East on 2 Jun.

Garden tiger *Arctia caja*

One caterpillar on 17 May; three caterpillars on 19 May.

Buff ermine *Spilosoma luteum*

Second-brood individual at Tavern window on 8 Oct.

Ruby tiger *Phragmatobia fuliginosa*

Larvae reported on 8 Oct.

Turnip moth *Agrotis segetum*

At ivy near Government House on 24 Oct.

Crescent dart *Agrotis trux lunigera*

Two at actinic light trap on 8 Oct.

Autumnal rustic *Eugnorisma glareosa*

One at actinic light trap on 8 Oct.

Setaceous Hebrew character *Xestia c-nigrum*

Observed at ivy on 8 Oct, plus two at actinic light trap on same date.

Square-spot rustic *Xestia xanthographa*

At ivy on 8 Oct.

Black rustic *Aporophyla nigra*

One at actinic light trap on 8 Oct. Also recorded on 20 Oct.

Feathered ranunculus *Polymixis lichenea*

Three at actinic light trap on 8 Oct.

Lunar underwing *Omphaloscelis lunosa*

Observed at ivy on 8 Oct, plus six at actinic light on same date. Also attracted to actinic light trap on 18 Oct.

Angle shades *Phlogophora meticulosa*

At ivy on 8 Oct. Five at ivy on walls enclosing St John's Valley on 18 Oct with 13 there on 20th

Damselflies & Dragonflies (Odonata)

Common Blue Damselfly *Enallagma cyathigerum*

Two at Pondsburry on 7 Aug.

Common Hawker *Aeshna juncea*

One reported in Millcombe on 13 & 14 Sep.

Common Darter *Sympetrum striolatum*

Four on 3 & 5 Sep; two on 13 Sep and seven on 14 Sep in Millcombe; one on 16 Sep. Male along East Side on 21 Oct.

Grasshoppers (Orthoptera)

Common field grasshoppers *Chorthippus brunneus*

Still active along East Side on 21 Oct.

Other invertebrates

Horse leech *Haemopsis sanguisuga*

One in a pool on the main track, just north of Quarter Wall on 17 May.

Flora (in chronological sequence)

The first **daffodils** *Narcissus* agg. of the year were in flower below The Ugly on 26 Jan.

The first **common dog-violets** *Viola riviniana* and first **bluebells** *Hyacinthoides non-scripta* of the year were in flower on 17 Mar.

Twenty-three **henbane** *Hyoscyamus niger* plants around the stile by the site of the old incinerator between Castle Hill and the top of Benjamin's Chair, 16 May; about 200 plants counted in the same area on 1 Jun.

Two plants of **hairy bird's-foot-trefoil** *Lotus subbiflorus* on Lametry, behind South Light on 31 May, along with **common bird's-foot-trefoil** *L. corniculatus* and **greater bird's-foot-trefoil** *L. pedunculatus*; all three species growing within a few metres of one other.

Bird's-foot *Ornithopus perpusillus* was found in flower in quite deep heather by the Rocket Pole on 1 Jun; plant growing erect, rather than prostrate.

Considerable expansion of **lousewort** *Pedicularis sylvatica* all along south side of island noted on 1 Jun.

A bumper year for **Lundy cabbage** *Coincya wrightii* noted in early Jun, with colonisation in many places where not previously seen (R. Key). Still in flower along East Side and in Millcombe on 21 Oct.

Two plants of **Yellow horned-poppy** *Glaucium flavum* in the Landing Bay area in early Jun (R. Key). Apparently a new species for the island; not shown as recorded on Lundy in the *New Atlas of the British and Irish Flora* (Preston, Pearman & Dines 2002).

Golden hair lichen *Teloschistes flavicans* seen on many rock surfaces close to the top of the path down to The Battery on 5 Jun.

Water starwort *Callitriche* sp. was noted in Quarter Wall Pond on 6 Jun.

Rosebay willowherb *Chamerion angustifolium* growing among stacked dead rhododendron wood on Lower East Side Path on 15 Aug (C. Flowers). Apparently a new species for the island; not shown as recorded on Lundy in the *New Atlas of the British and Irish Flora*.

Tall ramping-fumitory *Fumaria bastardii* in gardens in front of Quarters/Pig's Paradise on 21 Oct.

Rock-pool flora and fauna recorded from the Devil's Kitchen/Rat Island on 15 Nov by Kate Cole & David Molyneux (relative abundance given in brackets)

Sea lettuce *Ulva lactuca* (common)

A green seaweed *Enteromorpha linza* (common)

Carragheen *Chondrus crispus* (abundant)

Oarweed *Laminaria digitata* (abundant)

Sea needle *Nemalion helminthoides* (occasional)

Encrusting pink alga *Lithothamnium* sp. (abundant)

A red seaweed *Corallina* sp. (common)

Red rags *Dilsea carnosa* (occasional)
A red seaweed *Rhodothamniella floridula* (occasional)
A red seaweed *Pterocladia capillacea* (occasional)
Furbelows *Saccorhiza polyschides* (common)
Thongweed *Himanthalia elongata* (common)
Breadcrumb sponge *Halichondria panicea* (common)
Shredded carrot sponge *Amphilectus fucorum* (rare)
Strawberry anemone *Actinia fragacea* (common)
Beadlet anemone *Actinia equina* (abundant)
Snakelocks anemone *Anemonia viridis* (rare)
Keelworm *Pomatoceros lamarcki* (occasional)
A spiral tube worm *Spirorbis* sp. (common)
Scarlet and gold star-coral *Balanophyllia regia* (rare)
Common limpet *Patella vulgata* (abundant)
Blue mussel *Mytilus edulis* (rare)
Toothed topshell *Osilius lineatus* (abundant)
Grey topshell *Gibbula cineraria* (occasional)
Purple topshell *Gibbula umbilicalis* (common)
Dogwhelk *Nucella lapillus* (common)
Black-lined periwinkle *Littorina nigrolineata* (rare)
Blue-rayed limpet *Helcion pellucidum* (rare)
Edible crab *Cancer pagurus* (rare)
Prawn *Palaemon serratus* (occasional)
Acorn barnacle *Semibalanus balanoides* (common)
Common barnacle *Balanus perforatus* (common)
Seven-armed starfish *Luidea ciliaris* (occasional)
Sea-mat *Electra pilosa* (common)
Star sea squirt *Botryllus schlosseri* (rare)
A colonial sea squirt *Diplosoma spongiforma* (rare)
Shanny *Lipophrys pholis* (common)