

Species	British Name	Frequency
GEOMETRIDAE		
<i>Alcis repandata</i>	Mottled Beauty	Common
<i>Bapta temerata</i>	Clouded Silver	Uncommon
<i>Cleora rhomboidaria</i>	Willow Beauty	Uncommon
<i>Cleorodes lichenaria</i>	Brussels Lace	One*
<i>Euphyia bilineata</i>	Yellow Shell	Common
<i>Euphithecia abbreviata</i> (?)	Brindled Pug	Common*
<i>E. distinctaria</i>	Thyme Pug	Common*
<i>E. pulchellata</i>	Foxglove Pug	Common
<i>Jodis lactearia</i>	Little Emerald	Uncommon*
<i>Opisthograptus luteolata</i>	Brimstone	One
<i>Ortholitha plumbaria</i> (?)	July Belle	One*
<i>Perizoma alchemillata</i>	Small Rivulet	Uncommon*
<i>Scopula conjugata</i>	Mullein Wave	One*
<i>S. imitaria</i>	Small Blood-vein	One*
<i>S. immutata</i>	Lesser Cream Wave	One*
<i>Sterrha aversata</i>	Riband Wave	Uncommon
<i>S. dimidiata</i>	Single Dotted Wave	One*
<i>S. subsericiata</i>	Satin Wave	One*
<i>Xanthorhoe montanata</i>	Silver-ground Carpet	One

*Species not found during the preceding week (29 June to 5 July inclusive) of similar collecting at Lee, North Devon, with daytime collecting also at Woolacombe and Saunton.

¹Identified in light-trap at evening inspection, but gone when trap was cleared at 7 a.m.

²An extremely blackish specimen, resembling the Shetland race.

A REPORT ON THE ARACHNIDS OF LUNDY

(The results of the B.Y.N.A. Expedition, 1966)

From the 30th August to the 14th September 1966 a group of six senior members of the British Young Naturalists Association visited Lundy. The expedition was comprised of the following members:—C. A. Howes, c/o R.A.M. Museum, Exeter (Leader and Zoologist); J. Ginnever, Acombe, York (Ornithologist); J. Jaggard, Little Paxton, Huntingdon (Geologist) & G. Wilkinson, Huddersfield, Yorkshire (Botanist); D. Letheren, Exeter, Devon (Field assistant); C. Gregg, Exeter, Devon (Photographer).

The aims of the expedition were: firstly to enable this group of young biologists to carry out schemes of fieldwork of their own choosing with a view to publishing the results and becoming established as active scientific workers; and secondly to produce an educational film outlining the natural history and geology of Lundy, showing the equipment and field methods used in studying each particular subject. The film, entitled 'Portrait of an Island', has been made and is being used in schools, colleges, and Natural History societies throughout the country to encourage field work and the study of Ecology among young people.

The following report outlines the results of the Arachnid survey carried out by C. A. Howe (A paper on the survey is being prepared and will eventually be available from the secretary or the L.F.S.)

SYSTEMATIC LIST

(Spiders)

DYCTYNIDAE

Ciniflo ferox, Walk. A common and widespread species occurring in cliff faces, banks, walls, and under stones.

Ciniflo similis, Bl. Another common and widespread species occurring as *C. ferox*.

Ciniflo fenestralis, Stroem. One individual found under the bark of a conifer at Millcombe House. (Lundy was the second locality for this species in G.B.)

DYSDEROIDEA

Dysdera crocata, Koch. Fairly common in damp shaded situations, e.g. under stones and in loose walling.

Harpactes hombergi, Scop. Frequently come cross under stones in the southern part of the island.

Segestria senoculata, Linn. A very common species in stone walling, cliff faces and peat banks.

Segestria bravica, Koch. Not as widespread as *S. senoculata*, occurring mainly in the Millcombe and Landing bay area.

SCYTODIDAE

Scytodes thoracica, Latr. (1st record for Lundy). One example of this rather delicate indoor spider was collected from the Games Room of the Hotel.

PHOLCIDAE

Pholcus phalangioides, Füssl. Large concentrations were found in the store room of the island shop and the cellar of the Marisco Tavern.

DRASSIDAE

Drassodes signifer, Koch. Several specimens collected from loose-walling in the Millcombe area.

Drassodes lapidosus, Walk. Widespread and fairly common notably in the south-east in loose walling and under stones.

Zelotes laterellei, Koch. Several from under stones in the Landing bay area.

CLUBONIDAE

Clubonia terrestris, Westr. Specimens found along the east side.

Clubonia reclusa, Cambr. Quite common in vegetation in the south of the island.

Clubonia lutescens, Westr. Specimens found under stones in the grounds of Millcombe House.

Chiracanthium erraticum, Walk. One specimen collected near the Old Light.

Agroeca proxima. Several specimens collected in heather areas near Pondsburry.

Zora spinimana, Sund. Two specimens collected from the exposed north west area.

THOMISIDAE

Misumena colycina, Linn. Fairly common in exposed rough grass areas.

Xysticus vivaticus, Linn. Widespread, occurring both in exposed areas and in long grass on the east side.

Xysticus erraticus, Bl. Occurs in exposed heather areas.

Oxyptila trux, Bl. Commonly occurring in exposed heather areas.

Oxyptila atomarea, Panz. As *O. trux*.

Philodromas dispar, Walk. Fairly common in long grass in the Millcombe area.

Tibellus parallelus, Koch. Collected in long grass in the sheltered Millcombe area.

SALTICIDAE

Salticus senicus, Linn. Frequently come across on sunlit walls, especially walls of buildings.

Euophrys frontalis, Walk. Fairly common in sheltered areas notably the grounds of Millcombe House.

Sitticus pubescens, Fabr. Several found on the rockery in the upper grounds of Millcombe House.

Aelurillus instignitus, Oliver. Common on rock faces in the south of the island.

LYCOSIDAE

Lycosa nigriceps, Thor. The commonest member of this genus, widely distributed but commonest in heather.

Lycosa pullata, Oliver. Widely distributed and quite numerous.

Lycosa tarsilis, Thor. A few specimens collected from exposed areas.

Pirata pirata, Oliver. Very common on rough grass and heather becoming the commonest wolf spider around Pondsbury.

PISAUROIDAE

Pisaura listeri, Scop. Widespread and quite numerous especially in the south.

ARGYONETIDAE

Argyroneta aquatica. Numerous among the vegetation in the marsh at Pondsbury.

AGELENIDAE

Tegenaria domestica, Linn. Recorded in the Old Light, the store room of the shop, and the hotel.

Tetrix denticulata, Oliver. Widespread, found in ruins and loose walling.

Tetragnatha extensa, Linn. Present in long grass and *Juncus* areas especially near water.

Pachignatha degeeri, Sund. Quite common in damp sheltered situations and among thick vegetation along the eastern side.

ARGYROPIDAE

Meta reticulata, Linn. One of the commonest Orb-web spinners, abundant along the sheltered eastern slopes.

Meta merianae, Scop. Another very common species along the eastern slopes.

Meta menardi, Latr. Collected from rock clefts, ruins, and cellars.

Aranea diadema, Linn. The most spectacular and probably the commonest orb-web spinner, its webs reaching ten feet across along the sheltered eastern slopes.

Aranea curcubita, Linn. Collected near Millcombe and along the eastern slopes

Aranea sexpunctata, Linn. Not uncommon, a few specimens collected from Millcombe, Landing bay, and along the east coast.

THERIDIDAE

Theridion bimaculatum, Linn. Specimens collected along the east coast.

Theridium denticulatum, Walk. Collected from the grounds of Millcombe House.

Theridion redimitum, Linn. Common in bushes notably around Millcombe.

Theridon pallens, Bl. Found in trees and bushes in the grounds of Millcombe House and the hotel.

Robretus lividus, Linn. One specimen recorded from near Great Shutter rock.

MIMETIDAE

Ero thoracica, Vill. Collected from long grass in the south east.

Peponocranium lucidum, Camb. Abundant among heather and sedge in exposed areas.

LINYPHIDAE

Linyphia montana, Linn. Very common in gorse and brambles in the Millcombe area.

Linyphia clathrata, Sund. As *L. montana*.

Bathyphantes gracilis, Bl. Collected from *Juncus* near Pondsbury.

Bathyphantes pullatus, Camb. As *B. gracilis*.

Lepthyphantes zimmermannii Bent. Common in exposed situations.

Lepthyphantes tenuis, Bl. Abundant in short vegetation.

Lepthyphantes bricaeus, Bl. As *L. tenuis*.

Centromerus concinnus, Thor. Several collected from near the battery.

Centromerus prudens, Camb. Collected from a damp out-house below Millcombe House.

Ceratinella brevis, Wider. Occurs along the exposed western side.

- Ceratinella brevipes*, Westr. Occurs in *Juncus* areas.
Nothocyba subaqualis, Westr. Occurs in exposed rough grass areas along the west side.
Metopobactrus prominulus, Cambr. Occurs in rough grass along the south coast.
Lophocarenum parallelum, Wid. Collected from short grass and sedge in exposed areas.
Pocadicnemis pumila, Bl. Common and widespread.
Wideria antica, Wider. Occurs in short vegetation in exposed areas.
Goniatum sp. (possibly *G. rubens*, Bl.). Common in rough grass areas.
Erigone sp. (Possibly *E. dentipalpis*, Wider). Widespread, occurring in exposed areas, also collected from under stones at sea level in Landing-bay.
Erigone sp. (Possibly *E. atra*, Bl.). Under stones and seaweed along the splash zone at Landing beach.
Oedothorax fuscus, Bl. Collected from grass in the South.

Harvest Spiders

- Nemastoma lugubre*. Several collected from heather around Pondsbury.
Liobunum rotundum, Latr. Among gouse at the southern end.
Liobunum blackwalli, Mead. One specimen recorded at 'Tibbets'.
Mitopus miro. Collected from grass in south and east.
Oligolophus agrestis. Several caught in long grass and *Juncus* near the half-way wall.
Platibunus triangularis. Several recorded in the south.
Phalangium opilio. Common at Milcombe and sheltered areas in the south east.
Opilio praetinus. Recorded in long grass and *Juncus* areas.

Pseudoscorpions

- Chthonius ischnochelus*. Several specimens collected from loose walling below Milcombe.
Chthonius tetrachelatus. As *C. ischnochelus* also from under stones in the landing bay area.
Obisium muscorum. Specimens collected from leaf litter at Millcombe.
Microreagris cambridgei. As *O. muscorum*.

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WATER COURSES AND RESERVOIRS ON LUNDY

A. F. LANGHAM

(Inspired by unpublished notes made by H. G. Morgan in 1948)

During 1967 and 1968 I have tried to record all the streams and reservoirs on Lundy. The streams I have numbered from the North Light southwards down the west and east side of the island to the South Light, and the Pools or Reservoirs numbered from North to South.

The position of the streams is indicated by an eight figure map reference together with a description of its position; the pools are given names as well as the map reference, plus a brief description.

- W1. (1305.4746) A small trickle of water with a few pools, west of telegraph pole 80.
 W2. (1306.4720) Similar to W1, running to the head of a deep gully with an isolated rock stack at its mouth. Rises west of a point between Poles 77 and 78.
 W3. (1315.4718) Rises on cliff face west of a point between Poles 74 and 75.