

ORTHOPTERA ON LUNDY

By F. R. MARSHALL

Leptophyes punctatissima (Bosc.). 1 male on bramble south side of Millcombe 8th Aug. 1969.

1 female on Fuchsia behind Millcombe House. 12th Aug. 1969.

Chorthippus brunneus (Thunberg). Variety "green"—14% of total population on first siding north of Old Light. 12% of total population beside landing beach path.

Variety "green" listed by Ragge 1965 as extremely rare. More work relating vegetation with colour varieties could prove well worthwhile.

COLEOPTERA OF LUNDY

A list of species collected by Dr. R. Colin Welch during July 1961 and May 1963 and 1967.

These species marked with an asterisk have not previously been recorded from the island.

Cicindela campestris L. 19.7.61, Ackland's Moor, on path. 8.5.67, The Battery and Landing Beach, on the wing. 10.5.67, above Goat Island, on the wing.

Carabus nemoralis Muell. 23.7.61, High Street, crawling in open; near old quarries, dead on path. 26.7.61, Marisco Cattle, dead on path. 18.5.63, V.C. Quarry, dead in path. 19.5.63, Castle Hill, under stone.

Clivina fossor (L.) 26.7.61, High Street, under stone.

**Trechus obtusus* Er. 26.7.64, High Street, under haystack refuse.

Harpalus (*S.str.*) *attenuatus* Steph. Sth. Light, crawling on path.

H. (Ophonus) schaubergerianus Puel (= *rufibarbis*) F. 26.7.61, High Street, under haystack.

H. (Pseudophonus) rufipes (DeG.) 17.7.61, near Old Light, under stone.

Amara ovata F. 12.5.67. Landing Beach, under drift wood at top of beach.

A. aenea DeG. 24.5.63, Castle Hill, crawling in open. 10.5.67. above Goat Island, crawling in grass.

**A. tibialis* (Pk.) 24 & 25.5.63, Castle Hill, crawling in grass. 9.5.67, near Benjamin's Chair, crawling in grass; Sth coast, on old *Lasius flavus* (F.) mound.

Feronia melanaria (Ill.) (= *vulgaris* L.) 9.5.67, Farm Buildings under stone.

F. nigrita (F.) 19.7.61, Punchbowl Valley, in pool. 11.5.67, Airfield, under stone.

F. strenua (Pz.) 11.5.67, Sth of Old Light, in horse dung.

Abax parallelopipedus (Pill. & Mitt.) 12.5.67, Landing Beach, under drift wood at top of beach.

Calathus fuscipes (Goez.) 17.7.61, near Old Light, under stone. 26.7.61, Marisco Tavern, in water bucket; and High Street, under haystack.

Odontonyx (= *Olisthopus*) *rotundatus* (Pk.) 20.7.61, near St. James' Stone, under stone.

**Agonum marginatum* (L.) 20.7.61. Earthquake, under stone.

Dromius notatus Steph. (= *nigriventris* Thoms.) 24.5.63, Rat Island, under stone.

Metabletus foveatus (Geof.) 9.5.67, Sth Coast, on old *Lasius flavus* mound.

HYDROPHILIDAE

Sphaeridium scarabaeoides (L.) 19.7.61, Punchbowl Valley, in cow dung. 20.7.61, near Old Quarries, in cow dung.

Cercyon atomarius (F.) (= *impressus* Stm.) 8.5.67, East Coast Nth. of Millcombe, in sheep dung. 9.5.67, Halfway Wall (West Coast), in sheep dung. 10.5.67, above Goat Island, in cow dung.

C. haemorrhoidalis (F.) 11.5.67, near Old Light, in horse dung.

C. melanocephalus (L.) 19.7.61, Punchbowl Valley, in cow dung. 9.5.67, Halfway Wall (West Coast), in sheep dung. 11.5.67, near Old Light, in horse dung.

C. terminatus (Marsh.) 11.5.67, South of Old Light, in horse dung.
C. pymaeus (Ill.) 8.5.67, near The Battery, in sheep dung. 9.5.67, Halfway Wall (West Coast) in sheep dung; Montague's Steps, crawling in grass. 10.5.67, above Goat Island, in cow dung. 11.5.67, near Old Light, in horse dung. 12.5.67, Hotel garden, general sweeping.
Megasternum obscurum (Marsh.) 20.7.61. Airfield, sweeping *Juncus*. 8.5.67, near The Battery, in sheep dung.

HISTERIDAE

- **Hister unicolor* L. 19.7.61, Punchbowl Valley, in cow dung.
- **Margarinotus purpureus* (Hbst.) 24.5.63, Castle Hill, crawling in grass.

PTILIIDAE

- **Acrotichis fascicularis* (Hbst.) 11.5.67, Millcombe, sweeping vegetation along small stream; Hotel garden, sweeping lawns. 12.5.67, Millcombe House, in cut grass.
- **A. fratercula* (Matth.) 11.5.67, near Old Light, in horse dung.
- Ptenidium pusillum* Gyll. 11.5.67, Hotel garden, sweeping lawns.
- P. nitidulum* (Heer. 20.7.61, Airfield, sweeping *Juncus*. 26.7.61, High Street, under haystack. 11.5.67, Hotel garden, sweeping lawns.

ANOSTOMIDAE

- **Catops fuliginosus* Er. 25.5.63, The Battery, carrion-baited, pit-fall traps in rabbit burrows.
- **C. morio* (F.) 25.5.63, Quarter Wall and Sth. Quarry, pit-fall traps in rabbit burrows.
- **C. chrysomeloides* (Pz.) 25.5.63, The Battery and Quarter Wall, pit-fall traps in rabbit burrows.
- **Leiodes litura* Steph. 11.5.67, Millcombe, general sweeping.
- Sciodrepa watsoni* Spence 20.7.61, Devil's Slide, in dead rabbit.

SCYMAENIDAE

- Stenichnus collaris* (Muell. & Kunz.) 11.5.67, Millcombe, general sweeping.

SILPHIDAE

- Necrophorus humator* (Goez.) 20.7.61, Devil's Slide, in dead herring gull.
- Thanatophilus rugosus* (L.) 22.5.63, Kitchen garden, under fish scraps. 9.5.67, Halfway Wall (West Coast) in dead curlew. 11.5.67, Old Light, in dead guillemot.

STAPHYLINIDAE

- **Proteinus brachypterus* (F.) 6.5.67, Landing Beach, in dead guillemot.
- Megarthus depressus* (Pk.) 11.5.67, Millcombe, sweeping vegetation by small stream.
- **M. hemipterus* (Ill.) 11.5.67, Millcombe, sweeping vetch, etc., along path.
- Omalium laeviusculum* Gyll. 8.5.67, Landing Beach, in rotting seaweed at high water mark.
- Philorinum sordidum* (Steph.) 10.5.67, The Ugly, in gorse blossom.
- **Oxytelus* (*Anotylus*) *sculpturatus* 8.5.67, East Coast, Nth. of Millcombe, in sheep dung.
- O. (Anotylus) complanatus* Er. 10.5.67, Millcombe House, sweeping daffodils in garden.
- O. (Anotylus) tetracaratus* (Block.) 11.5.67, near Old Light, in horse dung; High Street, sweeping vegetation at side of track.
- Stenus* (*s. str.*) *clavicornis* (Scop.) 12.5.67, Millcombe House, in cut grass.
- S. (Nestus) nanus* Steph. 10.5.67, Millcombe, sweeping vegetation at side of path.
- S. (Tesusus) brunnipes* Steph. 9.5.67, Halfway Wall (West Coast) crawling in grass. 12.5.67, Millcombe House, in cut grass.
- Paederus riparius* (L.) 10.7.61., Punchbowl Valley, crawling at roots of *Juncus*.

**Lathrobium (Lobathium) multipunctum* Gr. 12.5.67, Landing Beach, among vegetation at foot of cliff.

Xantholinus (s. str.) linearis (Ol.) 7.5.67, High Street, in hay on floor of barn. 9.5.67, above Montague's Steps, and near Benjamin's Chair, crawling in grass. 10.5.67, above Goat Island, crawling in grass.

X. (Megalinus) glabratus (Gr.) 26.7.61, High Street, under stone.

**Philonthus (s. str.) ochropus* (Gr.) (= *concinus* Gr.) 9.5.67, Montague's Steps, in sheep dung.

P. (Bisnius) cognatus Steph. (= *fuscipennis* Man.) 9.5.67, above Montague's Steps, crawling in grass.

P. (Bisnius) varius (Gyll.) 10.5.67, above Goat Island, in cow dung. 11.5.67, near Old Light, in horse dung.

P. (Bisnius) varians Pk. 7.5.67, High Street, in hay on floor of barn. 9.5.67, Montague's Steps, in sheep dung and crawling at roots of grass. 10.5.67, above Goat Island, in cow dung and crawling in grass. 11.5.67, Sth. of Old Light, in horse dung.

**P. (Bisnius) pachycephalus* Nord. (= *sordidus* Gr.) 7.5.67, High Street, in hay on floor of barn.

P. (Onychophilonthus) marginatus Strøm. 10.5.67, above Goat Island in cow dung.

**Gabrius nigritulus* (Gr.) 26.7.61, High Street, under haystack refuse.

**Cafius (s. str.) fucicola* Curt. 8 & 12.5.67, Landing Beach, under rotting seaweed.

C. (s. str.) xantholoma (Gr.) 8.5.67, Landing Beach, under rotting seaweed.

**Ocypus (Alapsodus) compressus* (Marsh.) 24.7.61, Millcombe, under rotten log.

**Creophilus maxillosus* L. 10.5.67, above Goat Island, in sheep dung. 11.5.67, near Old Light, in dead guillemot.

Quedius (s. str.) fuliginosus (Gr.) 12.5.67, Millcombe House, in cut grass.

Q. (Microsaurus) mesomelinus (Marsh.) 12.5.67, Hotel gardens in grass mowings. 13.5.67, Landing Beach, in dead guillemot.

**Q. (Arphirus) semiobscurus* (Marsh.) 26.7.61, High Street, under haystack refuse.

**Mycetoporus (Schinomosa) lepidus* (Gr.) 9.5.67, High Street, sweeping vegetation at side of track.

**Conosomus lividus* (Er.) 10.5.67, Millcombe, sweeping grass along small stream. 12.5.67, Millcombe House, in cut grass.

Tachyporus (s. str.) chrysomelinus (L.) 26.7.61, High Street, under haystack refuse. 7.5.67, High Street, in manure heap. 10.5.67, The Ugly, in gorse blossom. 11.5.67, High Street, sweeping vegetation at side of track.

T. (s. str.) hypnorum (F.) 9.5.67, Montague's Steps and near Benjamin's Chair, crawling in grass.

T. (s. str.) solutus (Er.) 24.7.61, Millcombe general sweeping.

Tachinus (s. str.) signatus Gr. (= *rufipes*) L. 11.5.67, near Old Light, in horse dung.

Oligota punctulata Heer 12.5.67, Hotel garden, in grass mowings.

Heterota plumbea (Wat.) 12.5.67, Landing Beach, in rotting seaweed.

Falagria thoracica Curt. 12.5.67, Millcombe House, in cut grass.

**Myrmecopora uvida* Er. 24.5.63, 8 & 12.5.67, Landing Beach in rotting seaweed.

**Atheta (Halobrecta) flavipes* (Thoms.) 6.5.67, Landing Beach, in dead guillemot. 8 & 13.5.67, Landing Beach, in rotting seaweed.

**A. (Traumoeia) angusticollis* (Thoms.) 6.5.67, Landing Beach, in dead guillemot.

**A. (Dimetrota) setigera* (Sharp) 11.5.67, near Old Light, in horse dung; High Street, sweeping vegetation at side of track.

A. (Dimetrotia) atramentaria (Gyll.) 7.5.67, High Street, in manure heap and in hay on floor of barn. 8.5.67, East Coast (Nth. of Millcombe) in sheep dung. 9.5.67, Halfway Wall (West Coast), in sheep dung. 10.5.67, above Goat Island, in cow dung. 11.5.67, near Old Light, in horse dung; High Street, sweeping vegetation at side of track.

**A. (Badura) cauta* (Er.) 9.5.67, High Street, sweeping vegetation at side of track; Montague's Steps, in sheep dung.

**A. (Badura) ischnocera* Thoms. 11.5.67, near Old Light, in horse dung.

A. (Datomicra) sordidula (Er.) 11.5.67, Hotel garden sweeping lawns.

A. (Datomicra) zosteræ Thoms. 26.7.61, High Street, under haystack refuse. 11.5.67, near Old Light, in horse dung. 12.5.67, Millcombe House, in cut grass.

**A. (Datomicra) nigra* (Kr.) 10.5.67, above Goat Island, in cow dung.

A. (Chaetida) longicornis Gr. 7.5.67, High Street, in manure heap. 9.5.67, High Street, sweeping vegetation at side of track. 10.5.67, above Goat Island in cow dung. 11.5.67, Sth. of Old Light, in horse dung.

**A. (Acrotona) fungi* Gr. 26.7.61, High Street, under haystack refuse. 9 & 11.5.67, High Street, sweeping vegetation at side of track. 11.5.67, Millcombe, sweeping vegetation along small stream; Hotel garden, sweeping lawns. 12.5.67, Millcombe House, cut grass; Hotel garden, general sweeping and in grass mowings.

**Atheta (Amidobia) indubia* (Sharp.) 12.5.67, Hotel garden, general sweeping.

Drusilla canaliculata (F.) 23.7.61, Devil's Slide, crawling in grass.

**Tinotus morion* Gr. 7.5.67, East Coast (Sth. of Halfway Wall) in sheep dung. 9.5.67, Montague's Steps, in sheep dung. 9 & 11.5.67, High Street, sweeping vegetation at side of track. 10.5.67, above Goat Island, crawling in grass. 11.5.67, near Old Light, in horse dung.

Oxyptoda (Bessopora) haemorrhoea (Man.) 7.5.67, High Street, in hay on floor of bar. 10.5.67, above Goat Island, in cow dung.

Aleochara (s. str.) curtula (Goez.) 24.5.63, Landing Beach, in dead squirrel (introduced as carrion). 25.5.63, Earthquake, Ackland's Moor, and the Sth. Quarry, in carrion-baited pit-fall traps.

A. (Coprochara) bipustulata (L.) 24 & 25.5.63, Castle Hill, in sheep dung. 9.5.67, Halfway Wall (West Coast) in dead curlew. 10.5.67, above Goat Island in sheep and cow dung.

A. (Polychara) lanuginosa Gr. 9.5.67, Halfway Wall (West Coast), in dead curlew and sheep dung. 10.5.67, above Goat Island, in cow dung. 11.5.67, near Old Light in horse dung.

A. (Polychara) sparsa Heer 23.5.63, The Battery, dead Soay sheep kid; 25.5.63, Sth. Quarry, Quarter Wall, The Battery and The Earthquake, in carrion-baited pit-fall traps in rabbit burrows.

**A. (Polychara) albovilliosa* Bern. 19 & 23.5.63, The Battery, in dead Soay sheep kid. 25.5.63, in pit-fall traps in rabbit burrows, particularly common at the Battery, but also collected near the Old Light, by the Quarter Walls and near the South Quarry. 6.5.67, Landing Beach, in dead guillemot. 11.5.67, Near Old Light, in dead guillemot.

A. (Polychara) cuniculorum Kr. 22.5.63, Ackland's Moor, 25.5.63, Earthquake, and The Battery, in pit-fall traps in rabbit burrows.

**A. (Emplenota) algarum* Fauv. 24, 25 & 26.5.63, Landing Beach, in rotting seaweed.

GEOTRUPIDAE

Geotrupes stercorarius L. 18.7.61, High Street, crawling in open.

SCARABAEIDAE

Cetonia aurata L. 21.7.61, Landing Beach, on the wing. 20.5.63, Millcombe, under stone.

Aphodius depressus (Kug.) 19.7.61, Punchbowl Valley, in cow dung. 9.5.67, Halfway Wall (West Coast) in sheep dung.

**A. sphacelatus* (Pz.) 10.5.67, above Goat Island, in sheep dung.

A. ater (De G.) 7.5.67, East Coast (Sth. of Halfway Wall) in sheep dung. 8.5.67, The Battery, in sheep dung. 9.5.67, South Coast, on old *Lasius flavus* mound. 10.5.67, above Goat Island, in cow dung.

ELATERIDAE

Adelocera (= *Brachylacon*) *murina* (L.) 24.5.63, Castle Hill, crawling in grass.

Athous haemorrhoidalis (F.) 11.5.67, High Street, sweeping vegetation at side of track.

Prosternon tessellatum (L.) (= *holosericeum* Ol.) 20.7.61, Devil's Slide, on *Armeria*.

* *Agriotes acuminatus* (Steph.) 25.5.63, Castle Hill, crawling in grass.

A. pallidulus (Ill.) 10.5.67, Millcombe, sweeping grass by path.

A. obscurus (L.) 8.5.67, Near The Battery, under sheep dung. 9.5.67, Montague's Steps, at roots of grass. 12.5.67, Millcombe House, in cut grass.

Dalopius marginatus (L.) 9.5.67, South Coast, on old *Lasius flavus* mound.

CANTHARIDAE

* *Rhagonycha fulva* (Scop.) 22.7.61, Millcombe, sweeping iris and thistles. 26.7.61, Millcombe House, sweeping in garden.

* *Malthinus fasciatus* (Ol.) 26.7.61, Millcombe, beating ash and sycamore.

ANOBIIDAE

* *Anobium punctatum* (De G.) 18.7.61, Hotel, in wardrobe. 24.7.61, Millcombe, sweeping under ash tree.

MELYRIDAE

Psilothrix cyaneus (Ol.) 20.7.61, Devil's Slide, on *Armeria*.

NITIDULIDAE

Kateretes rufilabris Lat. 19.7.61, Pondsby, sweeping reeds and waterside vegetation. 20.7.61, Airfield, sweeping *Juncus*.

Brachypterus glaber (Steph.) 26.7.61, Chicken Field, sweeping nettles.

* *B. urticae* (F.) 24.7.61, Millcombe, sweeping nettles. 26.7.61, High Street and Chicken Field, sweeping nettles.

* *Heterostomus pulicarius* (L.) 18.7.61, Millcombe, sweeping grass along path to beach. 12.5.67, Hotel garden, sweeping grass.

Meligethes viridescens (F.) 10 & 12.5.67, Millcombe and path to beach, sweeping *Rhynchosinapis wrightii* (O. E. Schulz).

M. obscurus Er. 10.5.67, Millcombe, sweeping vegetation at side of path.

Omosia colon (L.) 22.5.63, Kitchen garden, under fish scraps.

CRYPTOTOPHAGIDAE

Micrambe villosa (Heer) (= *vinii* Pz.) 10.5.67, The Ugly, in gorse blossom.

* *Cryptophagus pilosus* Gyll. 11.5.67, High Street, sweeping vegetation at side of track.

* *C. pseudodentatus* Bruce 11.5.67, Hotel Garden, sweeping lawns.

C. laticollis Lucas (= *affinis* Stm.) 11.5.67, High Street, sweeping vegetation at side of track.

Atomaria munda Er. 7.5.67, High Street, in hay on floor of barn.

A. atricapilla Steph. 24.7.61, Millcombe, sweeping grass.

A. fuscipes (Gyll.) 11.5.67, near Old Light, in horse dung.

A. apicalis Er. 11.5.67, High Street, sweeping vegetation at side of track; Millcombe, general sweeping. 12.5.67, Hotel garden, in grass mowings.

* *Ootypus globosus* (Walt.) 26.7.61, High Street, under hay stack refuse. 12.5.67, Hotel garden, in grass mowings. 19.5.67, High Street, in hay on floor of barn.

Ephistemus globulus (Pk.) 9.5.67, Halfway Wall (West Coast) on dead curlew. 11.5.67, High Street, sweeping vegetation at side of track. 12.5.67, Hotel garden, in grass mowings.

COCCINELLIDAE

Rhithobius litura (L.) 11.5.67, High Street, sweeping vegetation at side of track.

Coccinella 7-punctata L. 26.7.61, Chicken Field, sweeping nettles.

C. 11-punctata L. 20.7.61, High Street, sweeping nettles at side of track. 26.7.61, Millcombe and Chicken Field, sweeping grass and nettles.

C. hieroglyphica L. 26.7.61, Chicken Field, sweeping nettles. 10.5.67, above Goat Island, crawling in grass.

LATHRIDIIDAE

Lathridius nodifer West. 11.5.67, Hotel garden, sweeping lawn; S.W. Point, sweeping pondside vegetation.

Melanophthalma distinguenda (Com.) 18.7.61, Middle Park, general sweeping. 20.7.61, Devil's Slide on *Armeria*. 26.7.61, Chicken Field, sweeping nettles. 12.5.67, Hotel garden, in grass mowings.

TENEBRIONIDAE

Opatrum sabulosum (L.) 24.5.63, Rat Island, under stone. 25.5.63, Castle Hill, crawling in open.

Crypticus quisquilius (L.) 24.5.63, above Goat Island, crawling in grass. 24 & 25.5.64, Castle Hill, crawling in grass.

Cylindronotus laevioctostriatus Goez., 9.5.67, Montague's Steps, under sheep dung and crawling in grass.

ALLECULIDAE

Ctenopus sulphureus (L.) 17.7.61, near Friar's garden, running in grass.

SALPHINGIDAE

**Rhinosimus planirostris* (F.) 12.5.61, Chicken Field, sweeping nettles.

CHRYSOMELIDAE

Cryptocephalus fulvus Geoz., 18.7.61, Middle Park, general sweeping. 20.7.61, Airfield, sweeping *Juncus*.

Phytodecta olivacea (Forst.) 10.5.61, Millcombe, sweeping nettles.

Lochmaea suturalis (Thoms.) 9 & 11.5.67, High Street, sweeping vegetation at side of track. 10.5.67, above Goat Island, crawling in grass.

Longitarsus jacobaea (Wat.) 21.7.61, Marisco Castle, sweeping grass. 26.7.61, Millcombe House, sweeping grass.

L. succineus (Foud.) 20.7.61, Airfield, sweeping *Juncus*. Devil's Slide, on *Armeria*.

**L. nigrofasciatus* (Goez.) var. *distinguendus* (Rye) 9.5.67, Montague's Steps, at roots of grass.

L. exoletus (L.) 24.7.61, Millcombe, sweeping grass.

**L. pratensis* (Pz.) 11.5.67, Hotel garden, sweeping lawn.

L. luridus (Scop.) 11.5.67, Hotel garden, sweeping lawn.

Crepidodera transversa (Marsh.) 19.7.61, Pondsby, sweeping *Juncus*. 20.7.61, Airfield, sweeping *Juncus*. 26.7.61, near Marisco Castle, crawling in grass.

C. ferruginea (Scop.) 26.7.61, High Street, under haystack refuse.

Mantura chrysanthemi (Koch.) 20.7.61, Devil's Slide, on *Armeria*; near St. James' Stone, sweeping *Calluna*.

Chaetocnema hortensis (Geoff.) 9.5.67, South Coast, on old *Lasius flavus* mound. 11.5.67, High Street, sweeping vegetation at side of track.

**Cassida flaveola* Thunb. 10.5.67, Millcombe House, sweeping daffodils in garden.