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# 10 LEPIDOPTERA: ARCTIIDAE, GEOMETRIDAE, HEDYLIDAE, PYRALOIDEA, SPHINGIDAE, SATURNIIDAE, AND URANIIDAE (MOTHS)

## CHECKLIST RESERVA BIOLÓGICA SAN FRANCISCO (PROV. ZAMORA-CHINCHIPE, S. ECUADOR)

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## INTRODUCTION

The insect order Lepidoptera is conventionally often divided into butterflies (a monophyletic group comprising the superfamilies Hesperioidea and Papilionoidea; see Häuser *et al*., this volume) and 'moths'. The latter form a paraphyletic assemblage that comprises the vast majority (> 80 %) of the extant diversity of the Lepidoptera (Scoble 1992, Kristensen 1999). In view of the enormous moth diversity in a tropical country like Ecuador, we *a priori* focused on a selection of moth taxa, rather than aiming at coverage of the 'total' moth fauna of the study area. Since most moths, and especially the larger-sized taxa, are nocturnal, moth inventories cannot be achieved by collating transect sight records or netting specific individuals. Rather, moth samples need to be assembled using special stationary devices such as light traps, Malaise traps, or baited traps.

A total of 2547 species from the moth families Arctiidae (446 spp.), Geometridae (1265 spp.), Hedylidae (3 spp.), Uraniidae (2 spp.), Pyraloidea (753 ssp.), Saturniidae (42 spp.), and Sphingidae (36 spp.) have been recorded so far during fieldwork carried out between 1998 and 2005 in the areas ECSF (A) and Bombuscaro (B). The majority of records presented here were obtained during ecological studies using quantitative, standardized light-trapping techniques to investigate the effects of elevation, habitat disturbance, and succession processes on species diversity. Distribution data were essentially collected along an elevational gradient (1040–3140 m a.s.l.) in the years 1999-2000 in natural forest (G. Brehm, D. Süssenbach), in anthropogenically disturbed and regenerating areas (1800–2000 m a.s.l.) in the years 2002–2003 (N. Hilt), and in *quebrada* forests in 2005 (M. Zimmermann). In addition, some (non-quantitative) samples were taken by the late C. M. Naumann (1998), C. Häuser and D. Bartsch (1999), and by G. Brehm (1999-2000), and singularly throughout the project by all participants. These qualitative samples also included a number of diurnal moths (Brehm *et al*. 2005).

## METHODS

For the quantitative studies, standardized light traps with weak light sources (2 x 15 W tubes operating in a reflective gauze cylinder at ground level) were used at a total of 48 sites, with considerable temporal replication. These traps were run for 3 hours from 18.30 h to 21.30 h local time, and moths of the families Arctiidae, Geometridae, and Pyralidae were quantitatively recorded during that period. For further

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details of techniques and methodology employed in this approach, see Brehm (2002), Süssenbach (2003), and Hilt (2005). If time and circumstances allowed, representatives of other moths families were also collected, but not in a quantitative manner. In total, the quantitative sampling was carried out for 768 working hours between March 1999 and May 2005, yielding a total of 59 038 individual records.

Most of the sample data are available in full in three Ph.D. theses (Brehm 2002, Süssenbach 2003, Hilt 2005). Elaborated ecological analyses were presented in a number of journal articles and book chapters with emphasis on elevational and disturbance gradients (Brehm & Fiedler 2003, 2004a, b, 2005, Brehm *et al*. 2003a, b, Fiedler *et al*. 2007, 2008, Hilt & Fiedler 2005, 2006, Hilt *et al*. 2006).

Due to the mode of data acquisition, diurnal representatives of the aforementioned families were only recorded sporadically and by chance. Likewise, true canopy species will have been missed. For the two best-studied families, Geometridae and Arctiidae, and the most intensively covered altitudinal range around ECSF (1800–2200 m), extrapolation analyses (by means of the program EstimateS: Colwell 2005) indicate that species accumulation is not yet saturated. Based on these estimators, one might expect 1030–1150 species of Geometridae (recorded total: 950 in quantitative samples) and 350–400 species of Arctiidae (313 recorded) for this narrow elevational belt alone. Brehm *et al*. (2005) showed that, with regard to Geometridae, the study area is the global leading hotspot of species diversity explored thus far. For Saturniidae, for which, exceptionally, some comparative faunistic data for a few Ecuadorian locations are already available (Racheli 1995, 1998, Racheli & Racheli 1997, 2005), the number of 42 species recorded so far appears rather low, but this family was not collected systematically. Hence the subsequent checklists should not be mistaken for a 'complete' catalogue, but rather considered as a glance at the state of our knowledge – and as a hint to the large knowledge gaps remaining.

For example, sampling at additional sites (e.g., in ravine forests in the framework of a forestry experiment: Günter *et al*. 2008) revealed a number of additions to the species lists, but these are not yet completely elaborated (M. Zimmermann & K. Fiedler, unpubl. data). Moreover, ongoing applications of DNA barcodes using the standard part of the mitochondrial COI gene (Hebert *et al*. 2003) has shown that a substantial fraction of morphologically defined "species" in our samples may consist of more than one "cryptic" species (*cf*. Hajibabaei *et al*. 2006). Even though it remains to be settled how many of such barcode genotypes really refer to cryptic species according to a more functional concept (e.g., Hebert *et al*. 2004. vs. Brower 2006; see also Wiemers & Fiedler 2007), it is clear that more thorough analyses of available samples will increase, rather than condense, the species lists.

The core investigation area for moth surveys was the ECSF property, from the valley of Río San Francisco (1750 m a.s.l.) up to the *Purdiaea nutans* forest (2700 m a.s.l.). The top of the so-called "antenna mountain" (3140 m) was only visited once. Data on species occurring in lower montane forest were sampled on a few occasions in Bombuscaro (1000–1200 m) and in a forest remnant (1380 m) along the old road between the provincial capitals Loja and Zamora (B). Inventories from these lower elevations are far less complete than those from the core study area.

Literature for proper identification of Neotropical moths is very incomplete. Apart from older works, such as Seitz (1919-1925), few recent monographs on large-sized, conspicuous families like the Saturniidae (Lemaire 1978–2002) and the Sphingidae (d'Abrera 1986, Kitching & Cadiou 2000) are available. The recent series 'Mariposas del Ecuador' provides a good starting point (e.g., Piñas & Manzano Pesantes 1997, 2003a, b, Piñas *et al*. 2000, Guevara *et al*. 2002) for Lepidoptera from Ecuador, but again is far from being complete. Therefore the majority of moth identifications from our material had to be accomplished through reference to large research collections at leading natural history museums. This work was often based on the examination of type material, and we also received generous support and assistance from numerous taxonomic experts (see Acknowledgments).

Despite all efforts, many moths could thus far not be properly identified. In the Geometridae alone, we expect that as many as 300 species (of *ca*. 1265 "morphospecies" sorted thus far; G. Brehm, unpubl. results) will have to be described as taxa new to science. Work on the taxonomy of selected geometrid groups has just commenced (Brehm 2004, 2005, Pitkin 2005). The rate of undescribed species will be somewhat lower in the better known Arctiidae, and may even be higher in the poorly known Pyraloidea (Munroe *et al*. 1995). All species recorded during the quantitative sampling received an ID code to trace the

respective vouchers. For brevity, sorted, but unidentified species were excluded from the checklists below and are only referred to by summary statements in the respective taxonomic category (subfamily, tribe, or genus). A complete record of all samples is available as an electronic database in SMNS, as well as from the authors upon request. By this means it will be possible to update the present list whenever new taxonomic information becomes available.

Classification and nomenclature follow Scoble (1999) and Pitkin (2002) for the Geometridae, Munroe *et al*. (1995) for the Pyraloidea, Watson & Goodger (1986) and Jacobson & Weller (2002) for the Arctiidae, Lemaire (1996) for the Saturniidae, Kitching & Cadiou (2000) for the Sphingidae, and Scoble (1990a, b) for the Hedylidae.

## QUANTITATIVE SUMMARY

Our checklist presently documents 2547 species from the moth families Arctiidae (446 spp.), Geometridae (1265 spp.), Hedylidae (3 spp.), Uraniidae (2 spp.), Pyraloidea (753 ssp.), Saturniidae (42 spp.), and Sphingidae (36 spp.) for the Reserva Biológica San Francisco and its surroundings.

## ADDITIONAL ABBREVIATIONS

For further abbreviations see the general introduction to this volume.

The frequency data are coded in the following manner:

- s singleton (1 individual in respective habitat class)
- r rare, only a few dispersed specimens found (2–5 individuals)
- \+ occasional (6–10 individuals)
- ++ regular (11–20 individuals)
- +++ frequent (> 20 individuals)
- q recorded by means of qualitative (as opposed to quantitative) collections
- d diurnal (collected by day)
- dn diurnal and nocturnal (collected by day and night; this category is given only for the Geometridae; all other species were collected at night)

## VOUCHER INFORMATION

Vouchers of all moth species are deposited in the collections of PUCE (Quito, Ecuador) and SMNS (Stuttgart, Germany). Digitized photographs of selected specimens of each species are available upon request from the authors.

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| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LEPIDOPTERA** | | | | | | | | | | | | |
| **Arctiidae** | | | | | | | | | | | | |
| ARCTIINI | | | | | | | | | | | | |
| *Chlorhoda metamelaena* Dognin, 1913 | 198 | A, B | I, II, IIa | r | | s | | s | | | | |
| *Hypercompe magdalenae* Oberthür, 1881 | 12 | A, B | I, IIa | r | | | s | r | | | | |
| *Hypercompe nemophila* Herrich-Schäffer, 1853 | 8 | A | II, IIa | | | s | ++ | +++ | | | | |
| *Hypercompe neurophylla* Walker, 1856 | 244 | A | II, III | | | r | | | | s | | |
| *Hypercompe pratincola* Seitz, 1919 | 9 | A | IIa | | | | | r | | | | |
| *Hypercompe robusta* Dognin, 1889 | 11 | A | IIa | | | | + | s | | | | |
| *Palaeomolis metarhoda* Dognin, 1910 | 13 | A | IIa | | | | s | s | | | | |
| *Palaeomolis palmeri* Rothschild, 1910 | 242 | A | II, III | | | s | | | | | s | |
| *Palaeomolis* sp01 | 248 | A | II, III | | | | | | | s | | |
| *Virbia* sp01 | 160 | A, B | I, II, IIa | s | s | + | r | s | | | | |
| CTENUCHINI plus EUCHROMIINI | | | | | | | | | | | | |
| *Aclytia hoffmannsi* Rothschild, 1912 | 459 | B | I | + | | | | | | | | |
| *Aclytia klagesi* Rothschild, 1912 | 2180 | B | I | s | | | | | | | | |
| *Argyroeides augiades* Druce, 1896 | 452 | A | II | | | s | s | | | | | |
| *Autochloris cuma* Druce, 1897 | 460 | B | I | + | | | | | | | | |
| *Calonotos chalcipleura* Hampson, 1898 | 461 | B | I | r | | | | | | | | |
| *Chrostosoma cardinalis* Schaus, 1898 | 399 | A | I | | s | | | | | | | |
| *Chrostosoma rica* Dognin, 1897 | 127 | A | II, IIa, III | | | s | r | +++ | r | r | s | |
| *Chrysocale regalis* Boisduval, 1836 | 301 | A | II, III | | | | | | r | r | ++ | |
| *Chrysocale* sp01 | 103 | A | IIa | | | | | s | | | | |
| *Coreura simsoni* Druce, 1885 | 417 | A | IIa | | | | | s | | | | |
| *Correbia bricenoi* Rothschild, 1912 | 102 | A | II, IIa | | | s | r | + | | | | |
| *Correbia lycoides* Walker, 1854 | 2300 | A | I, II, IIa | s | | s | + | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Correbia minima* Druce, 1905 | 462 | B | I | + | | | | | | | | |
| *Correbia negrona* Draudt, 1917 | 101 | A | II, IIa | | | r | r | r | | | | |
| *Correbidia calopteridia* Butler, 1878 | 463 | B | I | + | | | | | | | | |
| *Correbidia fana* Druce, 1900 | 82 | A, B | I, II, IIa | s | | s | + | r | | | | |
| *Correbidia* cf. *terminalis* Walker, 1856 | 416 | A | IIa | | | | s | | | | | |
| *Cosmosoma auge* Linnaeus, 1767 | 2270 | B | I | ++ | r | | | | | | | |
| *Cosmosoma carabayanum* Rothschild, 1911 | 220 | A | II, IIa | | | r | | s | | | | |
| *Cosmosoma centralis* Walker, 1854 | 126 | A, B | I, II, IIa | r | | ++ | +++ | +++ | | | | |
| *Cosmosoma flavothorax* Rothschild, 1910 | 131 | A, B | I, IIa | r | s | | s | | | | | |
| *Cosmosoma melanopera* Hampson, 1898 | 306 | A, B | I, III | +++ | r | | | | | | | s |
| *Cosmosoma meridense* Rothschild, 1911 | 125 | A | I, II, IIa, III | | r | +++ | +++ | +++ | r | r | r | |
| *Cosmosoma* cf. *pudica* Druce, 1894 | 310 | A, B | I, IIa | s | s | | s | | | | | |
| *Cosmosoma stictinota* Dognin, 1914 | 138 | A, B | I, II, IIa | r | + | r | + | + | | | | |
| *Cosmosoma subflamma* Walker, 1854 | 304 | B | I | s | | | | | | | | |
| plus 5 additional *Cosmosoma* spp. | | | | | | | | | | | | |
| *Ctenucha* cf. *albipars* Hampson, 1901 | 106 | A | IIa | | | | | r | | | | |
| *Cyanopepla alonzo* Butler, 1876 | 98 | A | II, IIa | | | r | r | s | | | | |
| *Cyanopepla* cf. *lystra* Druce, 1896 | | A | | | | | s | | | | | |
| *Dasysphinx buckleyi* Druce, 1883 | 130 | A | IIa | | | | | s | | | | |
| *Delphyre discalis* Druce, 1905 | 92 | A, B | I, II, IIa, III | r | r | +++ | +++ | +++ | s | r | r | |
| *Delphyre* cf. *discalis* Druce, 1905 | 2120 | B | I | r | | | | | | | | |
| *Delphyre tetilla* Dognin, 1898 | 222 | A | IIa | | | | | r | | | | |
| *Delphyre* cf. *tetilla* Dognin, 1898 | 454 | A | II | | | s | | | | | | |
| *Dycladia correbioides* Felder, 1874 | 257 | B | I | + | r | | | | | | | |
| *Epectaptera metochria* Dognin, 1912 | 226 | A | IIa, III | | | | | r | | s | r | |
| *Epectaptera roseipennis* Rothschild, 1912 | 1960 | A | III | | | | | | | s | r | |
| plus 4 additional *Epectaptera* spp. | | | | | | | | | | | | |
| *Epidesma trita* Dognin, 1911 | 464 | B | I | ++ | | | | | | | | |
| *Epidesma ursula* Stoll, 1781 | 2150 | B | I | + | | | | | | | | |
| *Episcepsis dodaba* Dyar, 1910 | 95 | A, B | I, II, IIa | + | | + | ++ | s | | | | |
| *Episcepsis ockendeni* Rothschild, 1911 | 2170 | A, B | I, III | r | | | | | | s | | |
| *Euagra chica* Hampson, 1898 | 218 | A | II, IIa | | | s | | s | | | | |
| *Eucereon amazonum* Rothschild, 1912 | 119 | A | IIa | | | | | s | | | | |
| *Eucereon casca* Dognin, 1894 | 112 | A | II, IIa | | | + | r | + | s | | | |
| *Eucereon coeruleocaput* Rothschild, 1912 | 113 | A | II, IIa, III | | | + | ++ | +++ | | | | s |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eucereon confine* Holland, 1903 | 225 | A | I, II, IIa, III | | s | + | | r | s | | s | |
| *Eucereon confinis* Herrich-Schäffer, 1855 | 117 | A | II, IIa | | | r | r | r | | | | |
| *Eucereon consortum* Schaus, 1910 | 121 | A, B | I, IIa | s | | | | s | | | | |
| *Eucereon davidi* Dognin, 1889 | 120 | A | II, IIa, III | | | r | | r | s | + | ++ | |
| *Eucereon facundum* Draudt, 1917 | 2200 | B | I | r | ++ | | | | | | | |
| *Eucereon fassli* Draudt, 1915 | 920 | A, B | I, II | r | | s | | | | | | |
| *Eucereon flavicaput* Hampson, 1898 | 118 | A | II, IIa | | | | | r | r | | | |
| *Eucereon* cf. *flavicincta* Schaus, 1905 | 146 | A | II, IIa, III | | | r | s | r | ++ | r | r | |
| *Eucereon fuscobruneum* Rothschild, 1912 | 2220 | A | II | | | s | | | | | | |
| *Eucereon griseatum* Rothschild, 1912 | 413 | | I, II, IIa | s | | r | s | r | s | | | |
| *Eucereon ino* Druce, 1900 | 1090 | A | II | | | s | | | | | | |
| *Eucereon lineata* Dognin, 1889 | 115 | A | I, II, IIa, III | | s | + | ++ | r | ++ | + | s | |
| *Eucereon mathani* Schaus, 1901 | 224 | A, B | I, II, IIa | r | r | r | r | s | | | | |
| *Eucereon mitigata* Walker, 1857 | 900 | A, B | I, II, IIa | r | r | + | | r | | | | |
| *Eucereon* cf. *mitigata* Walker, 1857 | 910 | B | I | s | | | | | | | | |
| *Eucereon myrtusa* Druce, 1884 | 99 | A | I, II, IIa, III | | s | ++ | + | ++ | r | r | s | |
| *Eucereon nebulosum* Dognin, 1889 | 116 | A | II, IIa, III | | | s | ++ | +++ | r | | s | |
| *Eucereon ockendeni* Druce, 1906 | 122 | A | II, IIa, III | | | + | ++ | +++ | | | s | |
| *Eucereon* cf. *ockendeni* Druce, 1906 | 1660 | A | III | | | | | | | r | | |
| *Eucereon pallada* Druce, 1906 | 970 | B | I | s | | | | | | | | |
| *Eucereon perstriata* Hampson, 1909 | 231 | A | IIa | | | | r | r | | | | |
| *Eucereon perstriatum* Hampson, 1909 | 111 | A, B | I, IIa | s | | | r | + | | | | |
| *Eucereon pseudocasca* Rothschild, 1912 | 114 | A | II, IIa | | | + | + | r | | | | |
| *Eucereon* cf. *rosenbergi* Rothschild, 1912 | 2210 | A | I | | s | | | | | | | |
| *Eucereon rosina* Walker, 1858 | 890 | B | I | r | s | | | | | | | |
| *Eucereon striatum pallescens* Rothschild, 1912 | 990 | A | I, II, IIa | | s | s | s | r | | s | | |
| *Eucereon* cf. *strix* Rothschild, 1912 | 1060 | A | III | | | | | | | | s | |
| *Eucereon surcata* Dognin, 1897 | 258 | A | I | | r | | | | | | | |
| *Eucereon tigrata* Herrich-Schäffer, 1855 | 123 | A, B | I, II, IIa | r | +++ | +++ | ++ | +++ | s | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eucereon varium* Walker, 1854 | 389 | B | I | s | | | | | | | |
| *Eucereon venosa* Schaus, 1910 | 2000 | B | I | +++ | | | | | | | |
| *Eucereon zizana* Dognin, 1897 | 161 | A, B | I, II, IIa, III | + | r | +++ | +++ | +++ | ++ | r | |
| *Eucereon* cf. *zizana* Dognin, 1897 | 261 | A | II, IIa | | | r | + | r | s | | |
| plus 4 additional *Eucereon* spp. | | | | | | | | | | | |
| *Euclera diversipennis* Walker, 1854 | 298 | B | I | ++ | | | | | | | |
| *Eupyra sages* Druce, 1895 | 458 | A | I | | s | | | | | | |
| *Gymnelia lyrcea* Druce, 1883 | 302 | A | IIa, III | | | | s | | | | + |
| *Gymnelia* cf. *lyrcea* Druce, 1883 | 477 | A | IIa | | | | s | | | | |
| *Heliura emerentia* Dognin, 1898 | 470 | A | II | | | s | | | | | |
| *Holophaea endoleuca* Dognin, 1909 | 108 | A, B | I, II, IIa | + | ++ | +++ | ++ | +++ | | | |
| *Homoeocera crassa* Felder, 1869 | 128 | A | IIa | | | | r | s | | | |
| *Homoeocera staminea* Draudt, 1915 | 129 | A | IIa | | | | + | r | | | |
| *Hyaleucerea costinotata* Dognin, 1900 | 23000 | A, B | I, IIa | r | s | | s | | | | |
| *Hyaleucerea gigantea* Druce, 1900 | 960 | B | I | ++ | | | | | | | |
| *Hyaleucerea vulnerata* Butler, 1875 | 467 | B | I | r | | | | | | | |
| *Isanthrene basiferoides* Strand, 1915 | 465 | B | I | r | | | | | | | |
| *Isanthrene vespiformis* Butler, 1876 | 303 | A | I | | r | | | | | | |
| *Leucotmemis varipes* Walker, 1854 | 296 | B | I | s | | | | | | | |
| *Loxophlebia* cf. *flavipicta* Schaus, 1912 | 404 | B | I | + | | | | | | | |
| *Loxophlebia* sp01 | 139 | A | I, II, IIa, III | | s | r | s | + | | s | |
| *Loxophlebia* sp02 | 410 | A, B | I, II | r | + | s | | | | | |
| *Loxophlebia* sp03 | 407 | B | I | + | | | | | | | |
| *Macrocneme cyanea* Butler, 1876 | 219 | A | IIa, III | | | | s | | | | s |
| *Macrocneme thyra* Möschler, 1883 | 300 | B | I | s | r | | | | | | |
| *Mesothen ignea* Druce, 1898 | 401 | B | I | r | | | | | | | |
| *Mesothen roseifemur* Draudt, 1915 | 221 | A, B | I, II, IIa | ++ | r | +++ | s | r | | | |
| *Mesothen* sp01 | 309 | B | I | + | | | | | | | |
| *Mevania basalis* Walker, 1864 | 2130 | A | II | | | | | | r | | |
| *Mydropastea acquiguttata* Dognin, 1909 | | A | I, IIa | s | | | s | | | | |
| *Mydropastea cephalena* Druce, 1883 | 100 | A | II, IIa | | | r | s | +++ | | | |
| *Mydropastea sylva* Schaus, 1896 | 466 | B | I | r | | | | | | | |
| *Napata albiplaga* Walker, 1854 | 457 | A | II | | | r | | | | | |
| *Napata* sp01 | 134 | A | II, IIa, III | | | + | r | ++ | r | s | |
| *Napata* sp03 | 135 | A | II, IIa, III | | | +++ | r | +++ | ++ | r | |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Philoros rubriceps* Walker, 1854 | 94 | A | II, IIa, III | | | r | +++ | r | | | s | |
| *Phoenicoprocta vacillans* Walker, 1856 | 271 | A | I | | s | | | | | | | |
| *Poecilosoma vespoides* Schaus, 1905 | 140 | A | II, IIa, III | | | | r | r | s | | r | |
| *Poliopastea viridis* Druce, 1883 | 110 | A, B | I, II, IIa, III | r | r | + | +++ | +++ | s | r | s | |
| *Pseudaclytia major* Druce, 1906 | 93 | A | II, IIa | | | r | + | ++ | | | | |
| *Pseudosphex ichneumonea* Herrich-Schäffer, 1854 | 2260 | B | I | ++ | + | | | | | | | |
| *Psilopleura* cf. *flavicans* Dognin, 1911 | 297 | A | II, IIa | | | s | r | s | | | | |
| *Rhynchopyga elongata* Dognin, 1890 | 223 | A, B | I, II, IIa | +++ | + | r | ++ | r | | | | |
| *Rhynchopyga xanthospila* Hampson, 1898 | 141 | A | II, IIa | | | + | r | s | | | | |
| *Sagaropsis elegans* Seitz, 1925 | 104 | A | IIa | | | | r | | | | | |
| *Sarosa innotata* Draudt, 1915 | 311 | B | I | s | | | | | | | | |
| *Sarosa notata* Butler, 1876 | 2070 | B | I | r | | | | | | | | |
| *Sarosa xanthobasis* Druce, 1898 | 402 | B | I | s | | | | | | | | |
| *Saurita* cf. *gracula* Dognin, 1911 | 305 | B | I | s | | | | | | | | |
| *Saurita* sp01 | 109 | A, B | I, II, IIa | r | s | r | +++ | +++ | | | | |
| *Sciopsyche tropica* Walker, 1854 | 2110 | A | III | | | | | | | | r | |
| *Tipulodes rubriceps* Dognin, 1912 | 468 | B | I | ++ | | | | | | | | |
| PERICOPINI | | | | | | | | | | | | |
| *Chetone histrio* Boisduval, 1870 | 395 | A, B | I, IIa | s | | | s | | | | | |
| *Dysschema* cf. *cerialis* Druce, 1884 | 286 | B | I | r | s | | | | | | | |
| *Dysschema imitata* Druce, 1910 | 85 | A | II, IIa | | | s | | r | | | | |
| *Dysschema marginalis* Walker, 1855 | 285 | A | I, IIa | | r | | | s | | | | |
| *Dysschema* cf. *moseroides* Hering, 1925 | 255 | A | IIa | | | | | r | | | | |
| *Dysschema palmeri* Druce, 1910 | 289 | B | I | s | | | | | | | | |
| *Dysschema practides* Druce, 1911 | 291 | A | III | | | | | | | r | s | |
| *Dysschema semirufa* Druce, 1818 | 84 | A, B | I, II, IIa, III | r | + | ++ | +++ | r | | | s | |
| *Dysschema* sp01 | 290 | B | I | + | r | | | | | | | |
| *Dysschema* sp02 | 288 | A | III | | | | | | | s | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Hyalurga urioides* Schaus, 1910 | 83 | A, B | I, II, IIa | s | r | ++ | r | + | | | | |
| *Hypocrita calida* Felder, 1874 | 1420 | A | I, II, IIa, III | | s | s | s | s | | | r | |
| *Hypocrita celadon* Cramer, 1777 | 418 | A | IIa | | | | s | | | | | |
| *Xenosoma progonum* Hering, 1925 | 8000 | A | IIa | | | | s | | | | | |
| | | | | | | | | | | | | |
| PHAEGOPTERINI | | | | | | | | | | | | |
| *Aemilia* cf. *brunneipars* Hampson, 1909 | 204 | A | II, IIa | | | s | | s | | | | |
| *Aemilia chelyum* Seitz, 1921 | 392 | A | III | | | | | | | | r | |
| *Aemilia crassa* Walker, 1865 | 201 | A | IIa | | | | r | s | | | | |
| *Aemilia mincosa* Druce, 1906 | 17 | A | I, II, IIa, III | | r | ++ | +++ | ++ | | | s | |
| *Aemilia* cf. *tabaconas* Joicey & Talbot, 1916 | 1860 | B | I | s | | | | | | | | |
| *Agaraea* sp01 | 1280 | B | I | s | | | | | | | | |
| *Amastus aconia* Herrich-Schäffer, 1853 | 1 | A, B | I, II, IIa, III, IV | r | s | s | +++ | +++ | s | | r | s |
| *Amastus affinis* Rothschild, 1909 | 1550 | A | II | | | s | | | r | | | |
| *Amastus albipuncta* Hampson, 1901 | 1540 | A | II, IIa | | | s | s | | | | | |
| *Amastus ambrosia* Druce, 1890 | 1490 | A | III | | | | | | | | r | |
| *Amastus coccinator* Schaus, 1901 | 7 | A | II, IIa, III, IV | | | +++ | +++ | +++ | r | r | ++ | s |
| *Amastus collaris* Herrich-Schäffer, 1853 | 3 | A | I, II, IIa | | s | ++ | + | r | | | | |
| *Amastus conspicua* Maassen, 1890 | 1670 | A | III | | | | | | | | r | |
| *Amastus erganoides* Dognin, 1902 | 6 | A | II, IIa, III | | | + | s | + | r | r | r | |
| *Amastus* cf. *erganoides* Dognin, 1902 | 1340 | A | II, III | | | s | | | | r | r | |
| *Amastus fallax* Toulgoet, 1981 | 800 | A | II, III | | | | | | s | s | s | |
| *Amastus hampsoni* Rothschild, 1909 | 1560 | A | II, IIa, III | | | | r | s | s | | s | |
| *Amastus oleagina* Toulgoet, 1986 | 2500 | A | II, IIa | | | r | ++ | r | | | | |
| *Amastus porioni* Toulgoet, 1981 | 1450 | A | II | | | | | | s | | | |
| *Amastus* cf. *rosenbergi* Rothschild, 1910 | 1500 | A | II, IIa, III | | | | s | s | s | | s | |
| *Amastus rufator* Walker, 1865 | 1460 | A | III | | | | | | | | s | |
| *Amastus* cf. *thermidora* Dognin, 1913 | 1580 | A | III | | | | | | | | s | |
| *Amastus tolimensis* Rothschild, 1916 | 1600 | A | II, III | | | s | | | | s | r | |
| *Amastus umber* Rothschild, 1909 | 2 | A | II, IIa, III | | | | s | s | r | r | ++ | |
| *Amastus venedictoffae* Toulgoet, 1982 plus 9 additional *Amastus* spp | 1570 | A | III | | | | | | | | s | |
| *Amaxia pardalis* Walker, 1855 | 3700 | A | II, IIa | | | r | | s | | | | |
| *Amaxia pulchra* Rothschild, 1909 | 39 | A | II, IIa | | | | r | r | s | | | |
| *Ammalo helops* Cramer, 1775 | 1430 | A | II | | | r | | | | | | |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Bernathonomus piperita* Herrich-Schäffer, 1855 | 18 | A | IIa, III | | | | r | r | | r | r | |
| *Bernathonomus* sp01 | 275 | A | II | | | s | | | | | | |
| *Bernathonomus* sp02 | 274 | A | II, IIa, III | | | r | r | s | r | s | | |
| *Bertholdia flavidorsata* Hampson, 1901 | 69 | A | I, II, IIa | | r | s | s | + | | | | |
| *Bertholdia griseopalpis* Rawlins | 71 | A | I, II, IIa | | s | r | + | r | | | | |
| *Bertholdia myosticta* Hampson, 1901 | 70 | A | II, IIa | | | + | +++ | +++ | s | | | |
| *Bertholdia specularis* Herrich-Schäffer, 1853 | 72 | A | II, IIa | | | s | r | r | | | | |
| *Bertholdia* cf. *specularis* Herrich-Schäffer, 1853 | 620 | A | II, III | | | | | | s | + | r | |
| *Bertholdia* sp01 | 472 | A | IIa | | | | s | | | | | |
| *Carathis affinis* Rothschild, 1909 | 1850 | A | II | | | s | | | | | | |
| *Carathis* sp02 | 260 | B | I | + | | | | | | | | |
| *Cissura unilineata* Dognin, 1891 | 24 | A | II, IIa, III | | | r | + | r | | s | | |
| *Cratoplastis diluta* Felder, 1874 | 1930 | B | I | s | | | | | | | | |
| *Cresera affinis* Rothschild, 1909 | 1820 | A, B | I, II | r | | s | | | | | | |
| *Cresera grandis* Rothschild | 1840 | B | I | s | | | | | | | | |
| *Cresera ilus* Cramer, 1776 | 1810 | B | I | + | | | | | | | | |
| *Cresera simillima* Rothschild, 1933 | 1830 | B | I | s | | | | | | | | |
| *Echeta grandis* Druce, 1883 | 80 | A | IIa | | | | | s | | | | |
| *Echeta* cf. *rubrireta* Dognin, 1906 | 46 | A | II, IIa | | | +++ | + | ++ | | | | |
| *Elysius atrata* Felder, 1874 | 15 | A | II, IIa, III, IV | | | r | r | + | | r | r | s |
| *Elysius carbonarius* Dognin, 1889 | 234 | A, B | I, IIa | s | | | | s | | | | |
| *Elysius conspersus* Walker, 1855 | 394 | B | I | s | | | | | | | | |
| *Elysius hades* Druce, 1906 | 206 | A | II, IIa | | | r | | r | | | | |
| *Elysius* cf. *hades* Druce, 1906 | 45 | A | II, IIa | | | s | s | | | | | |
| *Elysius lavinia* Druce, 1906 | 53 | A | II, IIa, III | | | r | | s | r | r | | |
| *Elysius melanoplaga* Hampson, 1901 | 14 | A | I, II, IIa | | s | + | s | +++ | | | | |
| *Elysius ochrota* Hampson, 1901 | 47 | A | II, IIa | | | r | r | | r | | | |
| *Elysius superba* Druce, 1884 | 1290 | B | I | ++ | | | | | | | | |
| *Elysius terra* Druce, 1906 | 16 | A | II, IIa | | | r | r | + | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Elysius* sp01 | 1610 | A | III | | | | | | | | s | |
| *Emurena fernandezi* Watson, 1975 | 400 | B | I | s | | | | | | | | |
| *Evius albicoxae* Schaus, 1905 | 2160 | B | I | r | | | | | | | | |
| *Gorgonidia buckleyi* Druce, 1883 | 79 | A | II, IIa | | | s | + | + | | | | |
| *Graphea marmorea* Schaus, 1894 | 22 | A, B | I, II, IIa | r | s | s | r | r | | | | |
| *Haemaphlebiella venata* Rothschild, 1909 | 295 | A | II | | | + | | | | | | |
| *Halysidota atra rindgei* Watson, 1980 | 21 | A | II, IIa, III | | | + | r | + | | s | | |
| *Halysidota humosa* Dognin, 1893 | 1230 | B | I | s | | | | | | | | |
| *Halysidota melaleuca* Felder, 1874 | 1760 | A | II, III | | | s | | | | r | s | |
| *Halysidota semibrunnea* Druce, 1906 | 1920 | B | I | s | | | | | | | | |
| *Halysidota underwoodi* Rothschild, 1909 | 199 | A | IIa | | | | s | s | | | | |
| *Hemihyalea fulvizonata* Hampson, 1909 | 1400 | A | III | | | | | | | s | r | |
| *Hemihyalea melas* Dognin, 1902 | 1910 | A | IV | | | | | | | | | r |
| *Hemihyalea minerva* Dognin, 1891 | 4 | A | IIa | | | | | s | | | | |
| *Hemihyalea watkinsi* Rothschild, 1916 | 5 | A | IIa | | | | s | | | | | |
| *Hyperthaema sanguineata* Walker, 1865 | 23 | A | II, IIa, III | | | r | r | r | r | + | r | |
| *Hyponerita persimilis* Rothschild, 1909 | 243 | A, B | I, II, IIa | + | | s | s | | | | | |
| *Hyponerita rhodocraspis* Hampson, 1909 | 420 | B | I | r | | | | | | | | |
| *Hyponerita similis* Rothschild, 1909 | 240 | B | I | +++ | | | | | | | | |
| *Hyponerita tipolis* Druce, 1896 | 280 | B | I | s | | | | | | | | |
| *Hyponerita* sp01 | 241 | B | I | r | | | | | | | | |
| *Idalus dorsalis* Seitz, 1921 | 74 | A | IIa | | | | s | | | | | |
| *Idalus erythronata* Herrich-Schäffer, 1853 | 76 | A | IIa | | | | r | s | | | | |
| *Idalus herois* Schaus, 1889 | 73 | A | IIa | | | | | r | | | | |
| *Idalus pichesensis* Dyar, 1898 | 75 | A | IIa | | | | r | r | | | | |
| *Idalus veneta* Dognin, 1901 | 1270 | B | I | +++ | s | | | | | | | |
| *Ischnocampa celer* Schaus, 1892 | 91 | A | II, IIa | | | s | s | r | | | | |
| *Ischnocampa* cf. *ferrea* Dognin, 1914 | 216 | A | II, IIa | | | s | + | s | | | | |
| *Ischnocampa hemihyala* Hampson, 1909 | 250 | A | III | | | | | | | | s | |
| *Ischnocampa* cf. *lugubris* Schaus, 1892 | 820 | A | II, III | | | | | | r | | r | |
| *Ischnocampa mamona* Dognin, 1892 | 86 | A | II, IIa, III | | | +++ | +++ | + | +++ | ++ | | |
| *Ischnocampa* cf. *nubilosa* Dognin, 1892 | 89 | A | II, IIa, III | | | r | r | r | s | ++ | + | |
| *Ischnocampa sordida* Felder, 1874 | 87 | A | II, IIa | | | +++ | r | +++ | ++ | | | |
| *Ischnocampa sordidior* Rothschild, 1909 | 213 | A | IIa | | | | r | + | | | | |
| *Ischnocampa tristis* Schaus, 1889 | 51 | A | II, IIa | | | r | r | ++ | | | | |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Ischnocampa* cf. *tristis* Schaus, 1889 plus 5 additional *Ischnocampa* spp. | 217 | A | I, II, IIa | | s | s | + | r | r | | | |
| *Lampruna punctata* Rothschild, 1909 | 124 | A | IIa | | | | | s | | | | |
| *Leucanopsis apicepunctata* Schaus, 1905 | 64 | A | II, IIa | | | ++ | ++ | +++ | | | | |
| *Leucanopsis bipartita* Dognin, 1912 | 212 | A | II, IIa | | | r | r | s | r | | | |
| *Leucanopsis boliviana* Dognin, 1922 | 59 | A | I, IIa | | s | | r | ++ | | | | |
| *Leucanopsis* cf. *boliviana* Dognin, 1922 | 209 | A | IIa | | | | r | r | | | | |
| *Leucanopsis luridioides* Rothschild, 1917 | 61 | A, B | I, II, IIa | s | | ++ | + | +++ | | | | |
| *Leucanopsis nayapana* Schaus, 1941 | 65 | A | II, IIa | | | r | + | +++ | | | | |
| *Leucanopsis notodontina* Rothschild, 1910 | 232 | A | II, IIa | | | s | | s | | | | |
| *Leucanopsis nubilosus* Rothschild, 1909 | 1180 | A | II, IIa | | | s | r | r | s | | | |
| *Leucanopsis quadrata* Rothschild, 1910 | 60 | A | II, IIa, III | | | s | + | ++ | + | s | | |
| *Leucanopsis subterranea* Rothschild, 1909 | 205 | A | II, IIa | | | ++ | s | ++ | r | | | |
| *Leucanopsis* sp02 | 1200 | B | I | s | | | | | | | | |
| *Leucanopsis* sp04 | 1170 | A | III | | | | | | | s | s | |
| *Lophocampa atriceps* Hampson, 1901 | 20 | A | II, IIa, III | | | r | s | r | | | s | |
| *Lophocampa distincta brunnescens* Rothschild, 1909 | 67 | A, B | I, II, IIa | r | s | r | s | +++ | | | | |
| *Lophocampa distincta distincta* Rothschild, 1909 | 66 | A | IIa | | | | | r | | | | |
| *Lophocampa dognini* Rothschild, 1910 | 68 | A | I, II, IIa, III | | r | + | r | r | s | s | | |
| *Lophocampa* sp02 | 1120 | B | I | s | | | | | | | | |
| *Lophocampa* sp04 | 1130 | B | I | r | s | | | | | | | |
| *Melese amastris* Druce, 1884 | 237 | A | II | | | s | | | | | | |
| *Melese babosa* Dognin, 1894 | 42 | A, B | I, II, IIa | r | s | ++ | + | ++ | s | | | |
| *Melese chozeba* Druce, 1884 | 233 | B | I | s | | | | | | | | |
| *Melese endopyra* Hampson, 1901 | 41 | A | II, IIa | | | +++ | ++ | +++ | | | | |
| *Melese intensa* Rothschild, 1910 | 474 | A | IIa | | | | r | s | | | | |
| *Melese nebulosa* Joicey, 1916 | 203 | A | II, IIa | | | s | r | r | | | | |
| *Melese sixola* Schaus, 1910 | 239 | B | I | r | | | | | | | | |
| *Neidalia villacresi* Dognin, 1894 | 19 | A | II, IIa | | | ++ | r | r | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Neritos* sp01 | 4100 | B | I | + | | | | | | | |
| *Neritos* sp02 | 430 | B | I | + | | | | | | | |
| *Neritos* sp03 | 96 | A | II, IIa | | | + | r | r | r | | |
| *Onthyes flavicosta* Druce, 1905 | 54 | A | IIa | | | | | s | | | |
| *Onythes pallidicosta* Walker, 1855 | 52 | A, B | I, II, IIa, III | s | s | +++ | ++ | r | r | +++ | + |
| *Opharus basalis* Walker, 1856 | 780 | B | I | r | | | | | | | |
| *Opharus belus* Druce, 1897 | 396 | B | I | s | | | | | | | |
| *Opharus consimilis* Hampson, 1901 | 48 | A, B | I, II, IIa | r | | r | + | + | | | |
| *Opharus palmeri* Druce, 1909 | 1390 | A | II, III | | | s | | | | | s |
| *Opharus polystrigata* Hampson, 1901 | 57 | A | II, IIa, III | | | r | s | r | | r | |
| *Opharus rhodosoma* Butler, 1876 | 78 | A | I, II, IIa | | s | | s | r | s | | |
| *Opharus* sp02 | 8400 | A | II | | | s | | | | | |
| *Opharus* sp03 | 1380 | A | III | | | | | | | s | s |
| *Opharus* sp04 | 880 | A | III | | | | | | | r | r |
| *Ormetica ameoides* Butler, 1876 | 81 | A | I, IIa | | s | | r | ++ | | | |
| *Ormetica rosenbergi* Rothschild, 1909 | 530 | B | I | r | | | | | | | |
| *Pachydota affinis* Rothschild, 1909 | 1730 | A | III | | | | | | | | r |
| *Pachydota nervosa* Felder, 1874 | 26 | A, B | I, II, IIa | r | | r | r | r | | | |
| *Pachydota saduca* Druce, 1895 | 77 | A | II, IIa | | | r | s | + | | | |
| *Pachydota striata* Dognin, 1893 | 27 | A | II, IIa, III | | | r | r | | | s | |
| *Pachydota* sp01 | 471 | B | I | s | | | | | | | |
| *Parevia* sp01 | 390 | B | I | r | | | | | | | |
| *Parevia* sp02 | 4600 | B | I | s | | | | | | | |
| *Parevia* sp03 | 43 | A | II, IIa | | | ++ | + | +++ | r | | |
| *Pelochyta arontes* Stoll, 1782 | 55 | A, B | I, II, IIa, III | r | | s | | r | | r | s |
| *Pelochyta* cf. *lystra* Druce, 1884 | 49 | A | II, IIa, III | | | + | r | ++ | r | s | r |
| *Pelochyta nigrescens* Dognin, 1891 | 1720 | B | I | s | | | | | | | |
| *Pelochyta* cf. *pallida* Schaus, 1901 | 56 | A | II, IIa, III | | | r | + | r | | s | |
| plus 13 additional *Pelochyta* spp. | | | | | | | | | | | |
| *Phaegoptera discisema* Hampson, 1916 | 284 | A | II, IIa | | | s | s | | | | |
| *Phaegoptera sestia* Druce, 1906 | 1000 | B | I | ++ | s | | | | | | |
| plus 7 additional *Phaegoptera* sp. | | | | | | | | | | | |
| *Pseudoapistosia gigas* Dognin, 1890 | 391 | B | I | s | | | | | | | |
| *Pseudopharus amata* Druce, 1900 | 105 | A | IIa | | | | r | + | | | |
| *Pseudopharus cornelia* Druce, 1906 | 1740 | A | II | | | s | | | | | |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Psychophasma erosa* Herrich-Schäffer, 1858 | 1780 | A, B | I, II, IIa | r | | s | ++ | s | | | | |
| *Selenarctia elissa* Schaus, 1892 | 25 | A | IIa | | | | s | | | | | |
| *Sychesia dryas* Cramer, 1775 | 207 | A, B | I, IIa | r | | | | s | | | | |
| *Symphlebia* cf. *catenata* Schaus, 1905 | 230 | A | IIa | | | | r | + | | | | |
| *Symphlebia citrarius* Dognin, 1889 | 202 | A | II, IIa | | | s | | r | | | | |
| *Symphlebia* cf. *citrarius* Dognin, 1889 | 34 | A | IIa | | | | | r | | | | |
| *Symphlebia fulminans* Rothschild, 1910 | 35 | A | II, IIa | | | s | r | s | s | | | |
| *Symphlebia juvenis* Schaus, 1896 | 40 | A | II, IIa | | | s | + | r | s | | | |
| *Symphlebia primulina* Dognin, 1914 | 37 | A | II, IIa | | | s | r | r | | | | |
| *Symphlebia similis* Rothschild, 1917 plus 6 additional *Symphlebia* spp. | 28 | A | II, IIa, III | | | + | ++ | +++ | r | s | r | |
| *Thysanoprymna cepiana* Druce, 1893 | 2250 | A, B | I, II | s | | s | | | | | | |
| *Trichromia* cf. *steniptera* Hampson, 1905 | 600 | B | I | s | | | | | | | | |
| LITHOSIINAE | | | | | | | | | | | | |
| *Agkonia ovifera* Dognin, 1906 | 329 | B | I | r | | | | | | | | |
| *Agkonia pega* Dognin, 1894 | 195 | A | II, IIa, III | | | ++ | +++ | +++ | s | s | | |
| *Agylla argentea* Walker, 1863 | 186 | A, B | I, IIa | r | s | | r | r | | | | |
| *Agylla argentifera* Walker, 1866 | 172 | A, B | I, IIa | ++ | r | | ++ | + | | | | |
| *Agylla auraria* Dognin, 1892 | 169 | A | II, IIa, III | | | r | | r | r | + | | |
| *Agylla dentifera* Hampson, 1900 | 227 | A | IIa, III | | | | | s | | | r | |
| *Agylla flavitincta* Dognin, 1899 | 194 | A, B | I, II, IIa, III | r | + | +++ | +++ | +++ | r | + | r | |
| *Agylla foyi* Dognin, 1894 | 178 | A | I, II, IIa, III | | r | | ++ | r | r | s | | |
| *Agylla fulvithorax* Hampson, 1914 | 173 | A, B | I, II, IIa | s | | r | + | r | | | | |
| *Agylla fusciceps* Hampson, 1914 | 185 | A | II, IIa, III | | | ++ | ++ | ++ | +++ | ++ | r | |
| *Agylla hampsoni* Dognin, 1904 | 192 | A, B | I, II, IIa, III | r | ++ | +++ | +++ | + | + | +++ | +++ | |
| *Agylla hermanilla* Dognin, 1894 | 170 | A, B | I, II, IIa, III | s | | + | + | ++ | | | r | |
| *Agylla marcata* Schaus, 1894 | 229 | A, B | I, II, IIa, III | s | | s | | + | r | s | s | |
| *Agylla monoleuca* Walker, 1866 | 347 | B | I | + | | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Agylla nitridalis* Maassen, 1890 | 171 | A, B | I, II, IIa, III | + | r | + | + | +++ | r | r | |
| *Agylla nivea* Walker, 1856 | 180 | A, B | I, II, IIa, III | r | + | + | +++ | +++ | | r | |
| *Agylla nochiza* Dognin, 1894 | 176 | A | II, IIa, III | | | s | s | r | | r | s |
| *Agylla* cf. *nochiza* Dognin, 1894 | 315 | A | IIa, III | | | | s | | | s | r |
| *Agylla poasia* Schaus, 1911 | 372 | A, B | I, II, IIa, III | s | s | r | | | r | s | |
| *Agylla rotunda* Hampson, 1900 | 188 | A | II, IIa, III | | | r | +++ | r | r | + | r |
| *Agylla separata* Schaus, 1894 | 191 | A, B | I, II, IIa | r | + | +++ | + | +++ | r | | |
| *Agylla subochracea* Dognin, 1914 | 228 | A | IIa | | | | | s | | | |
| *Agylla tobera* Dognin, 1894 | 183 | A, B | I, II, IIa, III | + | s | ++ | +++ | ++ | +++ | +++ | s |
| *Agylla umbrifera* Felder, 1874 | 325 | A | III | | | | | | | s | |
| *Agylla zucarina* Dognin, 1894 | 182 | A, B | I, II, IIa, III | r | r | +++ | ++ | +++ | ++ | s | |
| plus 25 additional *Agylla* spp. | | | | | | | | | | | |
| *Ardonea tenebrosa* Walker, 1864 | 590 | B | I | r | | | | | | | |
| *Areva albogrisea* Rothschild, 1912 | 163 | A | II, IIa | | | ++ | +++ | +++ | | | |
| *Areva trigemmis* Hübner, 1827 | 262 | A, B | I, II, IIa | ++ | s | | s | | s | | |
| *Callisthenia angusta* Schaus, 1905 | 570 | B | I | s | | | | | | | |
| *Chrysochlorosia* cf. *magnifica* Schaus, 1911 | 144 | A | II, IIa | | | r | + | r | | | |
| *Cloesia parthia* Druce, 1889 | 107 | A | II, IIa | | | s | + | s | | | |
| *Diarhabdosia laudamia* Druce, 1885 | 158 | A, B | I, II, IIa | s | | s | s | s | | | |
| *Dipaenae contenta* Walker, 1854 | 580 | B | I | r | | | | | | | |
| *Gardinia paradoxa* Hering, 1925 | 97 | A | II, IIa | | | r | +++ | + | | | |
| *Illice interrupta* Draudt, 1918 | 145 | A, B | I, II, IIa | s | | r | r | ++ | | | |
| *Illice* cf. *minuta* Butler, 1877 | 152 | A | II, IIa | | | s | + | ++ | | | |
| *Illice sexalata* Draudt, 1918 | 157 | A | II, IIa | | | r | r | ++ | | | |
| plus 5 additional *Illice* spp. | | | | | | | | | | | |
| *Lycomorpha splendens* Barnes & McDunnough, 1912 | 149 | A | II, IIa | | | r | r | r | | | |
| *Lycomorphodes suspecta* Felder, 1875 | 159 | A | IIa | | | | | s | | | |
| *Macroptila androconiata* Dognin | 322 | A | III | | | | | | | | ++ |
| *Macroptila laniata* Dognin, 1899 | 196 | A, B | I, II, IIa, III | ++ | r | +++ | +++ | +++ | r | r | |
| *Metalobosia holophaea* Dognin, 1912 | 155 | A | II, IIa, III | | | + | + | +++ | r | s | |
| *Nodozana fifina* Dognin, 1913 | 150 | A | IIa | | | | + | ++ | | | |
| *Pronola magniplaga* Schaus, 1899 | 154 | A | II, IIa | | | ++ | r | +++ | | | |
| *Pronola perdiffusa* Dognin, 1912 | 153 | A | IIa | | | | r | + | | | |
| *Xantholopha purpurascens* Schaus, 1899 | 2230 | B | I | r | | | | | | | |
| plus 3 additional Lithosiinae gen. & sp. indet. | | | | | | | | | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LEPIDOPTERA** | | | | | | | | | | | | | |
| **Geometridae** | | | | | | | | | | | | | |
| DESMOBATHRINAE | | | | | | | | | | | | | |
| *Ophiogramma coenobiata* Felder & Rogenhofer, 1875 | 996 | | B | I | r | | | | | | | | |
| ENNOMINAE | | | | | | | | | | | | | |
| *Achagua obsoleta* Rindge, 1983 | 2003 | | A | IIa | | | | s | | | | | |
| *Acrosemia vulpecularia* Herrich-Schäffer, 1855 | 938 | | A, B | I, IIa | s | | | ++ | s | | | | |
| *Acrotomia muta* Druce, 1892 | 69 | | A | II, IIa, III | | | | s | s | r | + | | |
| *Acrotomodes clota* Druce, 1900 | 1095 | | A | IIa | | | | + | + | | | | |
| *Acrotomodes ingridae* Brehm, 2005 | 255 | | A | III | | | | | | | r | r | |
| *Acrotomodes kunoi* Brehm, 2005 | 941 | | A | IIa, III | | | | s | | | | r | |
| *Acrotomodes lichenifera* Warren, 1904 | 201 | | A | II, III | | | | | | r | r | | |
| *Acrotomodes lindae* Brehm, 2005 | 832 | | A | III | | | | | | | | s | |
| *Aenictes sororcula* Warren, 1904 | 104 | | A | II, IIa, III | | | r | r | s | | s | s | |
| *Anisoperas cervinicolor* Warren, 1907 | 2007 | | A | IIa | | | | | s | | | | |
| *Anisoperas clotilda* Thierry-Mieg, 1895 | 2085 | | A | IIa | | | | s | | | | | |
| *Anisoperas rectilinea* Warren, 1900 | 997 | | B | I | r | r | | | | | | | |
| *Anisoperas tesselata* Walker, 1863 | 917 | | B | I | r | | | | | | | | |
| *Apiciopsis angusta* Warren, 1904 | 2090 | | A | IIa | | | | +++ | + | | | | |
| *'Apiciopsis' maciza* Dognin, 1896 | 292 | | A | II, IIa | | | | + | s | r | | | |
| *Aplogompha lafayi* Dognin, 1889 | 740 | | A, B | I, IIa | +++ | s | | s | s | | | | |
| *Aplogompha opulenta* Thierry-Mieg, 1892 | 822 | | B | I | +++ | | | | | | | | |
| *Aplogompha riofrio* Dognin, 1889 | 741 | | B | I | +++ | | | | | | | | |
| *Aragua bistonaria* Snellen, 1874 | 304 | | A | II, IIa, III | | | s | ++ | + | + | +++ | + | |
| *Argyrotome mira* Oberthür, 1883 | 742 | | B | I | s | | | | | | | | |
| *Argyrotome prospectata* Snellen, 1874 | 73 | | A, B | I, II, IIa, III | r | s | +++ | +++ | +++ | r | r | | |
| *Argyrotome tenebrosa* Warren, 1897 | 2076 | | A | IIa | | | | | s | | | | |
| *Astyochia cincta* Dognin, 1914 | 1082 | | A | | | | q | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Astyochia cloelia* Druce, 1893 | 221 | A | II, IIa, III | | | + | r | +++ | s | | s |
| *Astyochia lechula* Dognin, 1893 | 2028 | A | IIa | | | | r | + | | | |
| *Astyochia paulina* Druce, 1893 | 224 | A | II, IIa | | | | s | r | s | | |
| *Astyochia philyroides* Dognin, 1898 | 1031 | A | III | | | | | | | | s |
| *Astyochia vitrea* Walker, 1866 | 223 | A | II, IIa | | | + | r | ++ | + | | |
| *Astyochia* sp01 | 758 | B | I | | s | | | | | | |
| *Aventiopsis excisa* Warren, 1906 | 931 | B | I | r | | | | | | | |
| *Ballantiophora* cf. *gibbiferata* Guenée, 1858 | 745 | A, B | I, IIa | + | | | s | | | | |
| *Bassania* cf. *amethystata* Walker, 1860 | 56 | A | II, III | | | s | | | s | | + |
| *Bassania extremata* Warren, 1909 | 55 | A | II, III | | | | | | s | r | r |
| *Bassania goleta* Dognin, 1893 | 53 | A | IIa, III | | | | + | s | | s | |
| *Bassania olivacea* Warren, 1907 | 7 | A | II, IIa | | | s | r | r | s | | |
| *Bassania* sp01 | 54 | A | III | | | | | | | r | r |
| *Bassania* sp02 | 57 | A | II, IIa | | | | s | r | r | | |
| *'Bassania' crocallinaria* Oberthür, 1883 | 254 | A | II, IIa | | | r | + | + | r | | |
| *Bonatea duciata* Maassen, 1890 | 80 | A | II, IIa, III | | | ++ | ++ | r | +++ | + | |
| *Bonatea funerea* Warren, 1904 | 81 | A | II, IIa, III | | | ++ | r | s | +++ | s | r |
| *Bonatea viridilinea* Warren, 1904 | 76 | A, B | I, II, IIa | r | r | +++ | +++ | +++ | r | | |
| *Bonatea* cf. *viridilinea* Warren, 1904 | 77 | A | II, III | | | r | | | s | ++ | + |
| *Bonatea viridirufa* Warren, 1904 | 78 | A | II, IIa, III | | | ++ | +++ | r | ++ | s | |
| *Brachyctenistis incongruata* Warren, 1900 | 857 | A | III | | | | | | | | r |
| *Bryoptera basisignata* Warren, 1904 | 273 | A, B | I, II, IIa | s | | + | r | ++ | | | |
| *Bryoptera friaria* Schaus, 1913 | 268 | A, B | I, II, IIa | | + | r | ++ | + | | | |
| *Bryoptera* cf. *friaria* Schaus, 1913 | 779 | A, B | I, II, IIa | s | ++ | r | + | ++ | | | |
| *Bryoptera fulvisquamosa* Prout, 1931 | 780 | A, B | I, II, IIa | | r | r | +++ | +++ | | | |
| *Bryoptera injunctata* Guenée, 1858 | 266 | A, B | I, II, IIa | s | s | ++ | + | ++ | | | |
| *Bryoptera* sp01 | 267 | A, B | I, II, IIa, III | | r | +++ | +++ | +++ | ++ | s | |
| *Bryoptera* sp02 | 274 | A | II, IIa | | | r | r | + | s | | |
| *Budara partita* Warren, 1904 | 774 | A, B | I, II, IIa | | s | r | +++ | + | s | | |
| *Budara* sp01 | 1093 | A | II, IIa | | | s | s | | s | | |
| *Callipseustes bivittata* Warren, 1907 | 1083 | A | IIa | | | | r | r | | | |
| *Callipseustes* cf. *pullaria* Dognin, 1890 | 800 | A, B | I, IIa | r | | | r | s | | | |
| *Callipseustes semifimbriata* Warren, 1907 | 339 | A, B | I, II, IIa | | + | s | r | r | | | |
| *Callipseustes* cf. *trisecta* Warren, 1907 | 338 | A | II, IIa | | | r | + | r | | | |
| *Callipseustes variegata* Bastelberger, 1908 | 2071 | A | IIa | | | | s | r | | | |
| *Callipseustes* cf. *variegata* Bastelberger, 1908 | 2093 | A | IIa | | | | + | r | | | |
| *Callipseustes* sp01 | 2094 | A | IIa | | | | ++ | r | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Callipseustes* sp02 | 1011 | | B | I | s | | | | | | | | |
| *Canelo albipennis* Warren, 1904 | 1018 | | A | II | | | s | | | | | | |
| *Cargolia arana* Dognin, 1895 | 75 | | A, B | I, II, IIa, III | | r | +++ | +++ | +++ | r | s | r | |
| *Cargolia pruna* Dognin, 1892 | 74 | | A | II, IIa, III | | | r | +++ | r | s | s | ++ | |
| *Cargolia toulgoeti* Herbulot, 1988 | 357 | | A | IIa | | | | s | | | | | |
| *Cargolia* sp01 | 2161 | | A | IIa | | | | r | | | | | |
| *Carpella aequidistans* Thierry-Mieg, 1893 | 1078 | | A | IIa | | | | + | r | | | | |
| *Carpella miegii* Dognin, 1893 | 821 | | B | I | s | | | | | | | | |
| *Cartellodes levis* Thierry-Mieg, 1893 | 1348 | | A | IIa | | | | r | r | | | | |
| *Certima espuma* Dognin, 1896 | 749 | | A, B | I, IIa | s | | | ++ | ++ | | | | |
| *Certima esquina* Dognin, 1900 | 936 | | A | IIa, III | | | | | s | | | s | |
| *Certima eximia* Warren, 1901 | 1080 | | A | IIa | | | | r | r | | | | |
| *Certima jelskii* Oberthür, 1883 | 2080 | | A | IIa | | | | s | s | | | | |
| *Certima lojanata* Dognin, 1892 | 95 | | A, B | I, II, IIa, III | | s | r | r | +++ | r | r | + | |
| *Certima miligina* Dognin, 1923 | 253 | | A | II, IIa, III | | | s | r | r | r | s | | |
| *Certima nivisparsa* Thierry-Mieg, 1896 | 2072 | | A | IIa | | | | r | s | | | | |
| *Certima strigifera* Warren, 1905 | 2008 | | A | IIa | | | | | s | | | | |
| *Certima unilineata* Warren, 1897 | 94 | | A | II, IIa | | | s | | r | r | | | |
| *Certima xylinochroma* Dognin, 1892 plus 5 additional *Certima* spp. | 96 | | A | II, IIa, III | | | r | r | s | r | | r | |
| *Charca* cf. *daphnea* Dognin, 1921 | 306 | | A | II, III | | | | | | r | | s | |
| *Charca fulminea* Dognin, 1901 | 717 | | A | II, IIa | | | s | r | | s | | | |
| *Charca oppositata* Warren, 1904 | 305 | | A, B | I, II | + | | s | | | | | | |
| *Charca ornata* Warren, 1907 | 718 | | A, B | I, IIa | s | r | | r | r | | | | |
| *Charca* sp01 | 307 | | A | IIa, III | | | | r | | | s | r | |
| *Cidariophanes brigitta* Thierry-Mieg, 1895 | 2055 | | A | IIa | | | | r | | | | | |
| *Cidariophanes psittacaria* Schaus, 1901 | 2057 | | A | IIa | | | | s | s | | | | |
| *Cimicodes albicosta* Dognin, 1914 | 1264 | | A, B | I, IIa | s | | | r | r | | | | |
| *Cimicodes ferruginea* Warren, 1905 | 1165 | | A | II, IIa | | | | r | s | s | | | |
| *Cimicodes* sp01 | 90 | | A, B | I, II, IIa | ++ | r | + | +++ | +++ | + | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Cirsodes acuminata* Guenée, 1858 | 294 | | A | II, IIa, III | | | ++ | r | r | s | r | |
| *Cirsodes bella* Warren, 1904 | 289 | | A | II | | | | | | s | | |
| *Cirsodes casta* Warren, 1900 | 291 | | A | II, IIa, III | | | s | r | | + | r | |
| *Cirsodes* cf. *casta* Warren, 1900 | 858 | | A | III | | | | | | | | + |
| *Cirsodes leodorata* Guenée, 1858 | 293 | | A | II | | | s | | | | | |
| *Cirsodes macilentata* Guenée, 1858 | 1040 | | A | II, IIa, III | | | r | s | | r | s | |
| *Cirsodes meridaria* Dognin, 1901 | 290 | | A | II, IIa, III | | | s | | s | r | + | s |
| *Cirsodes puntiaguda* Dognin, 1893 | 288 | | A | II, III | | | | | | r | r | +++ |
| *Cosmophyga privataria* Walker, 1863 | 126 | | A | II, IIa, III | | | | r | + | r | r | |
| *Cosmophyga sociodes* Prout, 1935 | 127 | | A | IIa, III | | | | s | s | | s | |
| *Cratoptera vestianaria* Herrich-Schäffer, 1855 | 755 | | A, B | I, IIa | r | | | s | | | | |
| *'Crocallis'* cf. *multilinea* Warren, 1900 | 752 | | A, B | I, III | s | r | | | | | | s |
| *Cyclomia fumaria* Jones, 1921 | 1046 | | A | | | | q | | | | | |
| *'Cyphoedma' transvolutata* Walker, 1860 | 200 | | A, B | I, II, IIa | s | | ++ | ++ | + | ++ | | |
| *Devarodes phyleis* Druce, 1885 | 1091 | d | A | | | | q | | | | | |
| *Devarodes* sp01 | 1051 | dn | A | IIa | | | | s | s | | | |
| *Epimecis conjugaria* Guenée, 1858 | 746 | | B | I | s | | | | | | | |
| *Epimecis diffundaria* Walker, 1860 | 252 | | A, B | I, II, IIa, III | r | s | + | + | r | s | s | |
| *Epimecis* cf. *fumistrota* Warren, 1904 | 2024 | | A | IIa | | | | s | | | | |
| *Epimecis marcida* Warren, 1906 | 910 | | B | I | s | | | | | | | |
| *Epimecis plumbilinea* Warren, 1905 | 911 | | B | I | s | | | | | | | |
| *Erosina rusticata* Maassen, 1890 | 945 | | A, B | I, IIa | | s | | s | | | | |
| *Erycinopsis diaphana* Felder, 1874 | 380 | dn | B | I | | s | | | | | | |
| *Eusarca bogotata* Snellen, 1874 | 919 | | A | II, III | | | s | | | | | s |
| *Eusarca colorifera* Warren, 1907 | 817 | | A, B | I, IIa | | r | | s | s | | | |
| *Eusarca crameraria* Guenée, 1858 | 908 | | B | I | | r | | | | | | |
| *Eusarca fractilineata* Warren, 1895 | 179 | | A | II | | | s | | | | | |
| *Eusarca nemora* Druce, 1892 | 751 | | A, B | I, II | ++ | s | s | | | | | |
| plus 5 additional *Eusarca* spp. | | | | | | | | | | | | |
| *'Eustenophasma' constricta* Warren, 1907 | 2073 | | A | IIa | | | | s | ++ | | | |
| *'Eustenophasma' fuscata* Warren, 1907 | 2075 | | A | IIa | | | | s | s | | | |
| *'Eustenophasma'* cf. *violacea* Warren, 1907 | 2074 | | A | IIa | | | | r | r | | | |
| *Eutomopepla rogenhoferi* Oberthür, 1883 | 314 | | A, B | I, II, IIa, III | r | r | r | r | r | s | s | |
| *Fulgurodes mayor* Dognin, 1893 | 2040 | | A | IIa | | | | + | r | | | |
| *Fulgurodes panopea* Druce, 1893 | 2039 | | A | IIa | | | | r | | | | |
| *Fulgurodes perasata* Dognin, 1893 | 738 | | A, B | I, IIa | r | | | r | + | | | |
| *Furcijuxta emilia* Dognin, 1894 | 296 | | A | II, IIa | | | s | r | r | r | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Furcijuxta* cf. *mathilda* Thierry-Mieg, 1895 | 295 | | A, B | I, II, IIa | s | | | r | | s | | | |
| *Glena* cf. *juga* Rindge, 1967 | 265 | | A, B | I, II, IIa | +++ | r | r | r | s | r | | | |
| *Glena* sp01 | 933 | | A, B | I, IIa | | s | | s | + | | | | |
| *Gypsara exularia* Walker, 1862 | 808 | | A, B | I, IIa, III | r | r | | r | +++ | | | s | |
| *Hemixera fulvida* Dognin, 1911 | 169 | | A | II | | | | | | r | | | |
| *Herbita aglausaria flavidiscata* Warren, 1900 | 86 | | A | II, IIa | | | s | s | | r | | | |
| *Herbita hypolizon* Prout, 1933 | 2037 | | A | IIa | | | | r | r | | | | |
| *Herbita ochriplaga* Warren, 1904 | 2035 | | A | IIa | | | | s | | | | | |
| *Herbita* cf. *reducta* Schaus, 1923 | 2088 | | A | IIa | | | | | s | | | | |
| *Herbita* cf. *tucumana* Dognin, 1923 | 2096 | | A | IIa | | | | | s | | | | |
| *Herbita zarina* Dognin, 1893 | 85 | | A | II, IIa, III | | | s | ++ | r | +++ | + | | |
| *Herbita* sp01 | 2095 | | A | IIa | | | | s | | | | | |
| *Herbita* group 1 *praeditaria* Herrich-Schäffer, 1855 | 1012 | | B | I | r | | | | | | | | |
| *Herbita* group 2 *chiomaria* Schaus, 1923 | 84 | | A, B | I, II, IIa, III | s | | r | r | | ++ | r | ++ | |
| *Herbita* group 3 *decurtaria* Herrich-Schäffer, 1856 | 88 | | A, B | I, II, IIa | + | r | s | + | + | | | | |
| *Herbita* group 3 *dognini* Thierry-Mieg, 1892 | 82 | | A, B | I, II, IIa, III | r | r | ++ | +++ | +++ | r | s | | |
| *Herbita* group 3 *opalizans* Warren, 1904 | 940 | | A | II, IIa, III | | | | s | | r | s | | |
| *Herbita* group 3 *tenebrica* Dognin, 1892 | 87 | | A | II, IIa, III | | | | r | r | s | s | | |
| *Hygrochroma nondina* Druce, 1892 | 70 | | A | II, IIa | | | s | r | r | | | | |
| *Hygrochroma olivinaria* Herrich-Schäffer, 1855 | 939 | | A, B | I, IIa | | + | | s | r | | | | |
| *Hymenomima* cf. *memor* Warren, 1906 | 781 | | B | I | s | r | | | | | | | |
| *Hymenomima rufata* Warren, 1904 | 720 | | A | II | | | | | | s | | | |
| *Hymenomima semialba* Warren, 1897 | 731 | | B | I | s | | | | | | | | |
| *Hymenomima tharpoides* Dognin, 1914 | 904 | | B | I | s | s | | | | | | | |
| *Hymenomima* sp01 | 276 | | B | I | r | | | | | | | | |
| *'Hypomecis' pagana* Dognin, 1895 | 906 | | B | I | s | | | | | | | | |
| *Hypometalla mimetata vecina* Dognin, 1897 | 890 | | B | I | r | | | | | | | | |
| *Ira somnolenta* Warren, 1904 | 83 | | A | II, IIa | | | s | | r | | | | |
| *Iridopsis anaisaria* Oberthür, 1883 | 730 | | A, B | I, IIa | +++ | | | r | s | | | | |
| *Iridopsis chalcea* Oberthür, 1883 | 782 | | B | I | | r | | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Iridopsis fuscolimbaria* Snellen, 1874 | 748 | B | I | s | | | | | | | | |
| *Iridopsis gaujoni* Prout, 1934 | 257 | A, B | I, II, IIa | +++ | r | + | r | s | s | | | |
| *Iridopsis huambaria* Oberthür, 1883 | 260 | A, B | I, II, IIa | r | | s | s | r | | | | |
| *Iridopsis litharia* Guenée, 1858 | 263 | A, B | I, II, IIa, III | r | r | + | r | r | | | s | |
| *Iridopsis muscinaria* Snellen, 1874 | 258 | A | II, IIa | | | r | s | r | | | | |
| *Iridopsis nephotessares* Prout, 1910 | 261 | A | II, IIa, III | | | s | r | s | s | r | s | |
| *Iridopsis scolancala* Prout, 1932 | 259 | A, B | I, II, IIa, III | r | + | r | r | r | | s | | |
| *Iridopsis subnigrata* Warren, 1905 | 262 | A | II, IIa, III | | | r | +++ | + | s | | r | |
| *Iridopsis* cf. *subnigrata* Warren, 1905 | 256 | A, B | I, II, IIa, III | r | + | r | +++ | ++ | + | + | + | |
| *Iridopsis* sp01 | 2098 | A | IIa | | | | | s | | | | |
| *'Iridopsis' validaria* Guenée, 1858 | 747 | B | I | + | | | | | | | | |
| *Ischnopteris brehmi* Pitkin, 2005 | 308 | A | II, IIa | | | ++ | + | r | ++ | | | |
| *Ischnopteris bryifera* Felder & Rogenhofer, 1875 | 1019 | B | I | s | | | | | | | | |
| *Ischnopteris chryses* Druce, 1893 | 1861 | A | IIa | | | | | s | | | | |
| *'Ischnopteris' callistrepta* Prout, 1928 | 719 | A | III | | | | | | | | s | |
| *'Ischnopteris' festa* Dognin, 1904 | 724 | B | I | | s | | | | | | | |
| *'Ischnopteris' festiva* Warren, 1904 | 694 | A, B | I, II | s | | s | | | | | | |
| *Isochromodes bidentata* Dognin, 1913 | 859 | A | III, IV | | | | | | | | + | q |
| *Isochromodes brumosa* Dognin, 1896 | 828 | A, B | I, II, IIa | s | r | r | ++ | ++ | | | | |
| *Isochromodes crassa* Warren, 1904 | 107 | A | II, III | | | r | | | ++ | + | | |
| *Isochromodes* cf. *crassa* Warren, 1904 | 108 | A | II, III | | | +++ | | | +++ | +++ | + | |
| *Isochromodes duplicata* Warren, 1904 | 842 | A | IIa | | | | r | r | | | | |
| *Isochromodes* cf. *duplicata* Warren, 1904 | 101 | A | II, IIa, III | | | r | r | | | s | s | |
| *Isochromodes extimaria* Walker, 1860 | 112 | A, B | I, II, IIa, III | ++ | r | + | +++ | +++ | +++ | + | | |
| *Isochromodes fallax* Dognin, 1911 | 668 | A | IIa, III | | | | s | | | | + | |
| *Isochromodes fraterna* Warren, 1904 | 109 | A, B | I, II, IIa, III | s | | s | r | ++ | r | r | r | |
| *Isochromodes palumbata* Warren, 1904 | 103 | A, B | I, II, IIa, III | r | s | s | +++ | +++ | | | + | |
| *Isochromodes pectinicornata* Guenée, 1858 | 113 | A | II, IIa, III | | | r | ++ | r | +++ | +++ | +++ | |
| *Isochromodes* cf. *pectinicornata* Guenée, 1858 | 117 | A | II, IIa | | | r | r | | s | | | |
| *Isochromodes polvoreata* Dognin, 1893 | 98 | A | II, IIa, III | | | r | + | s | +++ | s | | |
| *Isochromodes propinqua* Dognin, 1911 | 116 | A | II | | | | | | r | | | |
| *Isochromodes rasata* Dognin, 1896 | 2123 | A | IIa | | | | ++ | r | | | | |
| *Isochromodes sabularia* Dognin, 1900 | 149 | A, B | I, II, IIa | s | | r | | s | r | | | |
| *Isochromodes* cf. *sabularia* Dognin, 1900 | 150 | A | II, III | | | s | | | + | s | | |
| plus 13 additional *Isochromodes* spp. | | | | | | | | | | | | |
| *'Isochromodes' atristicta* Warren, 1904 | 99 | A | II, IIa | | | r | r | | r | | | |
| *'Isochromodes' nigripunctata* Warren, 1897 | 119 | A | II, III | | | r | | | s | s | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Leuciris beneciliata* Prout, 1910 | 743 | | B | I | +++ | | | | | | | | |
| *Leuciris institata* Guenée, 1858 | 744 | | A, B | I, IIa | s | | | | s | | | | |
| *Leucoctenorrhoe quadrilinea* Warren, 1904 | 194 | | A | II | | | s | | | | | | |
| *Leucula* cf. *ablinearia* Guenée, 1858 | 1030 | | A, B | I, IIa | | s | | s | | | | | |
| *Leuculopsis bilineata* Warren, 1904 | 302 | | A | II, IIa | | | | r | | + | | | |
| *Leuculopsis pulverulenta* Dognin, 1902 | 300 | | A | II, III | | | | | | r | ++ | r | |
| *Leuculopsis* cf. *pulverulenta* Dognin, 1902 | 301 | | A | II, IIa, III | | | s | r | r | ++ | + | r | |
| Lithinini gen. indet. sp01 | 860 | | A | III | | | | | | | r | + | |
| *Lobopola cimarrona* Dognin, 1895 | 157 | | A | IIa, III | | | | s | | | + | | |
| *Lobopola* sp01 | 684 | | A | II, IIa | | | s | r | s | | | | |
| *Lobopola* sp02 | 639 | | A | II | | | s | | | | | | |
| *Lomographa albifrons* Warren, 1904 | 690 | | A | II, IIa, III | | | + | r | ++ | s | r | | |
| *Lomographa argentata* Schaus, 1911 | 929 | | B | I | r | | | | | | | | |
| *Lomographa* cf. *argentata* Schaus, 1911 | 930 | | B | I | r | | | | | | | | |
| *Lomographa bicineta* Dognin, 1892 | 187 | | A | II, IIa, III | | | s | +++ | + | +++ | ++ | | |
| *Lomographa* cf. *bicineta* Dognin, 1892 | 189 | | A | II, III | | | s | | | r | s | | |
| *Lomographa chartularia* Dognin, 1892 | 190 | | A | II, IIa, III | | | ++ | ++ | + | + | + | | |
| *Lomographa* cf. *chartularia* #1 Dognin, 1892 | 191 | | A | II, IIa | | | | +++ | ++ | + | | | |
| *Lomographa* cf. *chartularia* #2 Dognin, 1892 | 2087 | | A | IIa | | | | r | s | | | | |
| *Lomographa circumvallaria* Snellen, 1874 | 691 | | A | II, IIa, III | | | r | +++ | + | ++ | r | | |
| *Lomographa griseata* Schaus, 1901 | 856 | | A | III | | | | | | | | s | |
| *Lomographa luteocephalata* Dognin, 1893 | 188 | | A | II, III | | | | | | s | + | r | |
| *Lomographa nubimargo* Warren, 1897 | 193 | | A | II, III | | | | | | +++ | +++ | | |
| *Lomographa perampla* Warren, 1909 | 613 | | B | I | s | | | | | | | | |
| *Lomographa rufifrons* Warren, 1909 | 2081 | | A | IIa | | | | +++ | ++ | | | | |
| *Lomographa tributaria* Walker, 1863 | 192 | | A, B | I, II, IIa, III | r | r | +++ | +++ | ++ | +++ | ++ | ++ | |
| *'Loxaspilates' torcida* Dognin, 1900 | 322 | | A | II, IIa | | | r | + | + | | | | |
| *Macaria acutaria* Walker, 1863 | 767 | | A, B | I, IIa | r | r | | s | | | | | |
| *Macaria bejucoaria* Dyar, 1914 | 685 | | A | IIa, III | | | | r | r | | r | | |
| *Macaria cardinea* Druce, 1893 | 784 | | B | I | +++ | ++ | | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Macaria catualda* Druce, 1893 | 612 | B | I | r | | | | | | | |
| *Macaria* cf. *indentata* Warren, 1904 | 174 | A | II, IIa | | | r | + | + | | | |
| *Macaria lapidata* Warren, 1905 | 172 | A | II, IIa, III | | | ++ | ++ | ++ | +++ | + | s |
| *Macaria lydia* Schaus, 1912 | 768 | A, B | I, IIa | | r | | r | ++ | | | |
| *Macaria ostia* Druce, 1893 | 173 | A, B | I, II, IIa, III | + | +++ | + | ++ | ++ | | s | |
| *Macaria pernicata* Guenée, 1858 | 2019 | A | IIa | | | | s | | | | |
| *Macaria postnigra* Dognin, 1924 | 729 | B | I | r | | | | | | | |
| *Macaria regulata* Fabricius, 1775 | 655 | A, B | I, IIa | r | | | s | | | | |
| *Macaria tristaria* Schaus, 1901 | 927 | B | I | s | s | | | | | | |
| *Macaria* sp01 | 763 | A, B | I, IIa | s | s | | r | r | | | |
| *Macaria* sp02 | 764 | B | I | r | | | | | | | |
| *Mallomus galbanata* Dognin, 1893 | 937 | A | IIa, III | | | | s | ++ | | | r |
| *Mallomus synopsioides* Dognin, 1893 | 790 | A, B | I, IIa, III | s | | | s | ++ | | | s |
| *Melanolophia conta* Rindge, 1964 | 923 | B | I | s | | | | | | | |
| *Melanolophia corza* Dognin, 1895 | 2103 | A | IIa | | | | | r | | | |
| *Melanolophia mallea* Rindge, 1964 | 2066 | A | IIa | | | | r | | | | |
| *Melanolophia musarana* Dognin, 1896 | 974 | A | IIa | | | | +++ | +++ | | | |
| *Melanolophia muscosa* Warren, 1904 | 765 | A, B | I, IIa | + | s | | + | ++ | | | |
| *Melanolophia orthogonia* Rindge, 1990 | 1072 | A | | | | q | | | | | |
| *Melanolophia reducta meridiana* Rindge, 1964 | 269 | A | II, IIa, III | | | r | s | r | | + | |
| *Melanolophia trisurca* Dognin, 1895 | 270 | A | II, IIa, III | | | s | r | | s | s | |
| *Melanolophia* cf. *trisurca* Dognin, 1895 | 2110 | A | IIa | | | | | s | | | |
| *Melanolophia* sp01 | 271 | A | II, IIa, III | | | | r | | r | r | +++ |
| *'Melanolophia' atigrada* Dognin, 1893 | 199 | A | II, III | | | r | | | + | r | |
| *Melanoscia felina* Warren, 1904 | 220 | A | II, IIa, III | | | r | r | | + | r | r |
| *Melanoscia thiaucourti* Herbulot, 1988 | 219 | A | II, IIa, III | | | | r | | + | s | s |
| *Melinodes albarita* Dognin, 1893 | 918 | A, B | I, IIa | r | | | r | r | | | |
| *Melinodes detersaria* Herrich-Schäffer, 1855 | 160 | A | II, IIa, III | | | r | s | r | r | r | s |
| *Melinodes saeta* Dognin, 1893 | 331 | A | II, IIa | | | ++ | +++ | +++ | s | | |
| *Melinodes* cf. *subapicata* Warren, 1904 | 163 | A | II | | | | | | s | | |
| *Melinodes subspurcata* Warren, 1907 | 753 | B | I | | r | | | | | | |
| *'Melinodes' fulvitincta* Warren, 1905 | 161 | A | II | | | s | | | s | | |
| *'Melinodes'* cf. *ignea* Warren, 1907 | 916 | A | II, IIa, III | | | s | ++ | + | | | r |
| *Mesedra attenuata* Dognin, 1902 | 182 | A | II, IIa | | | s | | s | | | |
| *Mesedra confinis* Warren, 1904 | 186 | A | III | | | | | | | ++ | +++ |
| *Mesedra* cf. *confinis* #1 Warren, 1904 | 178 | A | II, IIa, III | | | r | + | r | s | s | |
| *Mesedra* cf. *confinis* #2 Warren, 1904 | 687 | A | II | | | r | | | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Mesedra munda* Warren, 1904 | 177 | | A | II, IIa | | | s | r | r | s | | | |
| *Mesedra* sp01 | 180 | | A, B | I, II, IIa, III | r | + | ++ | ++ | r | +++ | ++ | r | |
| *Microxydia colorata* Warren, 1904 | 159 | | A | II, IIa | | | | r | s | s | | | |
| *Microxydia fulvicollis* Warren, 1905 | 329 | | A | II, III | | | r | | | + | +++ | r | |
| *Microxydia orsitaria* Guenée, 1858 | 2045 | | A | IIa | | | | ++ | + | | | | |
| *Microxydia ruficomma* Prout, 1911 | 1833 | | A | IIa | | | | +++ | +++ | | | | |
| *Microxydia* cf. *ruficomma* Prout, 1910 | 695 | | A, B | I, II, IIa | | r | +++ | + | | r | | | |
| *Microxydia strigosa* Warren, 1904 | 805 | | A, B | I, II, IIa | | s | s | +++ | ++ | | | | |
| *Microxydia* cf. *strigosa* Warren, 1904 | 330 | | A | II, III | | | r | | | + | r | | |
| *Microxydia trigonifera* Prout, 1910 | 2046 | | A | IIa | | | | +++ | +++ | | | | |
| *Mimosema* cf. *sobrina* #1 Druce, 1899 | 838 | | A, B | I, II, IIa | + | | + | +++ | +++ | | | | |
| *Mimosema* cf. *sobrina* #2 Druce, 1899 | 114 | | A | II | | | s | | | | | | |
| *Mimosema versilinea* Dognin, 1911 | 129 | | A | II, IIa, III | | | r | + | r | + | + | r | |
| *Minyolophia* sp01 | 2069 | | A | IIa | | | | | s | | | | |
| *Mychonia corticinaria* Herrich-Schäffer, 1855 | 166 | | A | II, IIa, III | | | + | r | r | +++ | + | r | |
| *Mychonia galanata* Dognin, 1893 | 215 | | A | II, III | | | s | | | | | r | |
| *Mychonia graphica* Warren, 1904 | 2070 | | A | IIa | | | | r | s | | | | |
| *Mychonia tepida* Dognin, 1900 | 168 | | A | III | | | | | | | r | s | |
| *Mychonia violacea* Warren, 1907 | 921 | | A, B | I, IIa | r | | | r | +++ | | | | |
| *Mychonia* sp01 | 922 | | A | III | | | | | | | | ++ | |
| *Mychonia* sp02 | 546 | | A | II, IIa, III | | | | r | | s | s | | |
| *Myrmecophantes albifascia* Maassen, 1890 | 722 | dn | B | I, IIa | r | | | | r | | | | |
| *Narragodes ochreata* Dognin, 1922 | 861 | | A | II, IIa, III | | | | ++ | ++ | s | s | | |
| *Nazca indentata* Warren, 1900 | 303 | | A | II, IIa, III | | | + | +++ | + | +++ | s | + | |
| *Nazca zofra* Dognin, 1897 | 801 | | B | I | | s | | | | | | | |
| *Neazata fragilis* Warren, 1904 | 170 | | A | II, IIa, III | | | r | r | | ++ | r | | |
| *Neazata stabilis* Warren, 1909 | 2162 | | A | | | | | | | | | | |
| *Nematocampa angulifera* Oberthür, 1883 | 727 | | B | I | +++ | | | | | | | | |
| *Nematocampa* cf. *falsa* Warren, 1906 | 130 | | A | II, IIa | | | +++ | s | ++ | | | | |
| *'Nematocampa'* cf. *confusa* Warren, 1904 | 332 | | A | II, IIa | | | +++ | ++ | s | +++ | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| *'Nematocampa' interrupta* Warren, 1907 | 903 | B | I | r | | | | | | |
| *'Nematocampa'* sp01 | 796 | B | I | | r | | | | | |
| *Neodora costinotata* Warren, 1897 | 287 | A | II, IIa, III | | | | s | r | r | r | |
| *Neodora glaucularia* Snellen, 1874 | 286 | A | II, IIa, III | | | + | +++ | +++ | + | + | |
| *Neofidonia nigristigma* Warren, 1904 | 500 | A | IIa | | | | s | | | | |
| *Neotherina consequens* Prout, 1910 | 2100 | A | IIa | | | | s | | | | |
| *Nephodia admirationis* Prout, 1911 | 1092 | A | III | | | | | | | | s |
| *Nephodia aethiopissa* Dognin, 1892 | 950 | B | I | r | | | | | | | |
| *Nephodia* cf. *astyochiodes* Warren, 1904 | 299 | A | II, IIa, III | | | ++ | +++ | + | + | s | |
| *Nephodia clara* Dognin, 1895 | 810 | A, B | I, IIa | | + | | +++ | +++ | | | |
| *Nephodia claudaria* Schaus, 1901 | 772 | B | I | r | s | | | | | | |
| *Nephodia coenulenta* Dognin, 1911 | 1034 | A | III | | | | | | | | r |
| *Nephodia crata* Druce, 1893 | 769 | A, B | I, IIa | ++ | r | | ++ | r | | | |
| *Nephodia dividua* Dognin, 1892 | 771 | B | I | | s | | | | | | |
| *Nephodia exclamationis* Warren, 1904 | 2064 | A | IIa | | | | + | + | | | |
| *Nephodia* cf. *exclamationis* Warren, 1904 | 214 | A | II, IIa, III | | | s | + | ++ | r | s | r |
| *Nephodia filiforma* Dognin, 1914 | 1028 | A | III | | | | | | | | s |
| *Nephodia folla* Dognin, 1898 | 807 | B | I | + | | | | | | | |
| *Nephodia fumilinea* Warren, 1907 | 218 | A | II, IIa | | | s | ++ | r | | | |
| *Nephodia* cf. *hija* Dognin, 1898 | 222 | A | II, IIa | | | + | + | r | ++ | | |
| *Nephodia illota* Dognin, 1921 | 212 | A | II, IIa, III | | | s | r | r | s | r | |
| *Nephodia* cf. *manchata* Dognin, 1893 | 847 | A | III | | | | | | | | ++ |
| *Nephodia maturata* Dognin, 1900 | 848 | A | III | | | | | | | | + |
| *Nephodia nudata* Dognin, 1900 | 849 | A | IIa, III | | | | | s | | | + |
| *Nephodia occulta* Warren, 1904 | 211 | A | II, IIa, III | | | | s | | r | r | |
| *Nephodia* cf. *occulta* Warren, 1904 | 1094 | A | III | | | | | | | | r |
| *Nephodia* cf. *orcipennata* Walker, 1863 | 1024 | B | I | s | | | | | | | |
| *Nephodia panacea* Thierry-Mieg, 1892 | 2125 | A | IIa | | | | s | + | | | |
| *Nephodia pania* Druce, 1893 | 205 | A, B | I, II, IIa | | s | | ++ | + | r | | |
| *Nephodia pardata* Dognin, 1893 | 216 | A | II, IIa | | | | s | | s | | |
| *Nephodia pecalba* Dognin, 1893 | 203 | A | II, IIa, III | | | r | + | r | ++ | r | |
| *Nephodia pellucenta* Dognin, 1892 | 207 | A | IIa, III | | | | r | s | | ++ | + |
| *Nephodia pieria* Druce, 1893 | 809 | B | I | s | s | | | | | | |
| *Nephodia rotundata* Dognin, 1904 | 895 | B | I | s | | | | | | | |
| *Nephodia secturata* Dognin, 1892 | 1021 | A | III | | | | | | | | s |
| *Nephodia sororcula* Dognin, 1892 | 206 | A | II, IIa, III | | | + | | s | +++ | r | |
| *Nephodia* cf. *subocellata* Warren, 1904 | 1027 | B | I | r | | | | | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Nephodia transducta* Warren, 1904 | 2063 | | A | IIa | | | | r | s | | | | |
| *Nephodia trisecta* Warren, 1904 | 770 | | A, B | I, IIa | | r | | + | r | | | | |
| *Nephodia turpis* Warren, 1904 | 688 | | A | II, IIa, III | | | s | r | s | r | s | | |
| *Nephodia vestigiata* Warren, 1904 plus 5 additional *Nephodia* spp. | 773 | | A, B | I, II, IIa | | s | s | ++ | | | | | |
| *'Nephodia' fumosata* Warren, 1905 | 213 | | A, B | I, II, IIa, III | r | + | s | ++ | + | | | s | |
| *'Nephodia' mundaoides* Dognin, 1898 | 1022 | | B | I | + | | | | | | | | |
| *'Nephodia'* cf. *organa* Druce, 1893 | 204 | | A, B | I, II, IIa | | r | r | +++ | ++ | s | | | |
| *'Nephodia' philomela* Druce, 1893 | 735 | | B | I | +++ | | | | | | | | |
| *'Nephodia' sericea* Warren, 1897 | 1032 | | B | I | r | s | | | | | | | |
| *'Nephodia'* sp06 | 208 | | B | I, II, III | | r | | | | + | | r | |
| *Nepitia detractaria* Walker, 1866 | 2014 | | A | IIa | | | | | r | | | | |
| *Neuromelia sericea* Warren, 1894 | 2002 | | A | IIa | | | | r | s | | | | |
| *Odysia excurvaria* Warren, 1907 | 272 | | A | III | | | | | | | s | r | |
| *Odysia* sp01 | 284 | | A | II, III | | | | | | s | s | | |
| *'Odysia' venusta* Warren, 1900 | 278 | | A, B | I, II | + | | r | | | | | | |
| *Oenoptila anetteae* Brehm, 2004 | 324 | | A | II, III | | | | | | + | s | s | |
| *Oenoptila camptogrammata* Warren, 1909 | 143 | | A | II, III | | | | | | r | r | r | |
| *Oenoptila* cf. *camptogrammata* Warren, 1909 | 998 | | A | III | | | | | | | | r | |
| *Oenoptila costata* Warren, 1909 | 145 | | A | II, IIa | | | s | | s | s | | | |
| *Oenoptila* cf. *nigriceps* Warren, 1907 | 1002 | | A | II, III | | | r | | | s | | s | |
| *Oenoptila prunicolor* Warren, 1904 | 144 | | A | II, III | | | | | | r | r | r | |
| *Oenoptila* cf. *prunicolor* Warren, 1904 | 2048 | | A | IIa | | | | s | | | | | |
| *Oenoptila recessa* Dognin, 1901 | 981 | | A | IIa, III | | | | s | | | s | | |
| *Oenoptila* cf. *separata* Warren, 1908 | 142 | | A | II, IIa, III | | | | r | | r | r | r | |
| *Oenoptila violacearia* Herrich-Schäffer, 1855 | 141 | | A | II, III | | | r | | | s | s | s | |
| *Oenoptila* sp01 | 2047 | | A | IIa | | | | s | | | | | |
| *'Oenoptila'* cf. *filata* Warren, 1904 | 132 | | A | II, IIa, III | | | ++ | ++ | r | ++ | r | s | |
| *'Oenoptila' leprosata* Warren, 1904 | 131 | | A | II, IIa, III, IV | | | s | | s | ++ | +++ | | q |
| *Opisthoxia archidiaria* Oberthür, 1916 | 231 | | A | II, IIa, III | | | + | s | + | + | s | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Opisthoxia* cf. *archidiaria* Oberthür, 1916 | 762 | B | I | | r | | | | | | |
| *Opisthoxia branickiaria* Oberthür, 1883 | 233 | A | II, IIa | | | r | s | r | s | | |
| *Opisthoxia cabima* Schaus, 1923 | 868 | A | | q | | | | | | | |
| *Opisthoxia* cf. *claudiaria* Schaus, 1901 | 235 | A | II | | | s | | | | | |
| *Opisthoxia* cf. *danaeata* Walker, 1861 | 232 | A | II, IIa, III | | | r | +++ | ++ | r | r | |
| *Opisthoxia descimoni* Herbulot, 1988 | 234 | A | II, IIa, III | | | s | | r | s | r | |
| *Opisthoxia geryon* Druce, 1900 | 236 | A | II | | | r | | | | | |
| *Opisthoxia* cf. *laticlava* Warren, 1904 | 2077 | A | IIa | | | | s | s | | | |
| *Opisthoxia metargyria* Walker, 1867 | 228 | A, B | I, II, IIa | s | | r | s | r | s | | |
| *Opisthoxia pepita* Dognin, 1896 | 823 | B | I | s | | | | | | | |
| *Oxydia affinis* Warren, 1897 | 2041 | A | IIa | | | | r | s | | | |
| *Oxydia* cf. *agliata* #1 Guenée, 1858 | 64 | A | II, IIa | | | s | r | s | s | | |
| *Oxydia* cf. *agliata* #2 Guenée, 1858 | 2018 | A | IIa | | | | | s | | | |
| *Oxydia apidania* Cramer, 1779 | 826 | B | I | + | | | | | | | |
| *Oxydia augusta* Druce, 1892 | 59 | A | II, IIa, III | | | + | + | r | s | | s |
| *Oxydia distichata* Guenée, 1858 | 1013 | A, B | I, IIa | s | s | | r | r | | | |
| *Oxydia fulcata* Schaus, 1898 | 1014 | B | I | s | | | | | | | |
| *Oxydia geminata* Maassen, 1890 | 60 | A, B | I, II, IIa, III | | + | s | r | ++ | + | r | s |
| *Oxydia herbertina* Dognin, 1891 | 67 | A, B | I, II, IIa | s | | s | s | | | | |
| *Oxydia insolita* Warren, 1900 | 2004 | A | IIa | | | | r | s | | | |
| *Oxydia masthala* Druce, 1892 | 171 | B | I | ++ | r | | | | | | |
| *Oxydia mexicata* Guenée, 1858 | 65 | A, B | I, II, IIa | | s | s | r | + | | | |
| *Oxydia nimbata* Guenée, 1858 | 673 | A, B | I, IIa | s | | | | s | | | |
| *Oxydia olivata* Dognin, 1900 | 61 | A, B | I, II, IIa | s | | s | s | | | | |
| *Oxydia* cf. *olivata* Dognin, 1900 | 62 | A, B | I, II, III | s | | r | | | | | s |
| *Oxydia optima* Dognin, 1900 | 71 | A | II, IIa, III | | | r | ++ | ++ | | s | |
| *Oxydia rotara* Schaus, 1901 | 775 | B | I | r | s | | | | | | |
| *Oxydia scriptipennaria* Walker, 1860 | 72 | A, B | I, II, IIa, III | r | ++ | + | ++ | +++ | | | s |
| *Oxydia subdecorata* Warren, 1904 | 68 | A | II, IIa | | | s | r | | s | | |
| *Oxydia subdensata* Dognin, 1911 | 66 | A, B | I, II, III | s | | s | | | | s | r |
| *Oxydia translinquens* Walker, 1860 | 63 | A, B | I, II | s | | r | | | | | |
| *Oxydia trychiata* Guenée, 1858 | 58 | A, B | I, II, IIa, III | ++ | +++ | r | +++ | +++ | +++ | + | |
| *Oxydia* sp01 | 2009 | A | IIa | | | | | s | | | |
| *Oyxdia* sp02 | 79 | B | I, III | r | | | | | | s | |
| *Pantherodes colubraria viperaria* Thierry-Mieg, 1916 | 297 | A, B | I, II, IIa, III | s | r | + | ++ | +++ | s | | r |
| *Pantherodes conglomerata* Warren, 1894 | 298 | A, B | I, II, IIa, III | r | r | ++ | +++ | +++ | s | s | |
| *Paragonia cruraria* Herrich-Schäffer, 1854 | 644 | A, B | I, IIa | r | ++ | | r | s | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Patalene asina* Druce, 1892 | 1007 | | B | I | s | | | | | | | | |
| *Patalene flavibasis* Warren, 1907 | 312 | | A | II, III | | | r | | | ++ | + | | |
| *Patalene fulvilinea* Warren, 1904 | 9 | | A | II, III | | | r | | | ++ | + | | |
| *Patalene pholata* Guenée, 1858 | 785 | | B | I | | r | | | | | | | |
| *Patalene* cf. *hamulata* #1 Guenée, 1858 | 313 | | A | II, IIa, III | | | + | r | r | +++ | ++ | s | |
| *Patalene* cf. *hamulata* #2 Guenée, 1858 | 649 | | A | II, IIa, III | | | | r | r | r | r | | |
| *Penthophlebia altaba* Druce, 1890 | 726 | | B | I | r | | | | | | | | |
| *Periclina apricaria* Herrich-Schäffer, 1855 | 164 | | A | II, IIa | | | s | r | r | | | | |
| *Periclina* cf. *merana* Schaus, 1911 | 165 | | A, B | I, II, IIa | | s | r | r | s | | | | |
| *Periclina rumiaria* Guenée, 1858 | 162 | | A, B | I, II, IIa | s | | r | r | s | s | | | |
| *Periclina* cf. *rumiaria* Guenée, 1858 | 732 | | A, B | I, IIa | | s | | r | r | | | | |
| *Perigramma famulata* Felder & Rogenhofer, 1875 | 1087 | d | A | | q | | | | | | | | |
| *Perissopteryx commendata* Schaus, 1912 | 723 | | B | I | r | | | | | | | | |
| *Perissopteryx delusa* Warren, 1897 | 2022 | | A | IIa | | | | s | | | | | |
| *Perissopteryx* cf. *distincta* Krüger & Scoble, 1992 | 1001 | | B | I | | s | | | | | | | |
| *Perissopteryx* cf. *nigricomata* Warren, 1901 | 154 | | A, B | I, II, IIa, III | s | s | r | +++ | +++ | r | | r | |
| *Perissopteryx raveni* Krüger & Scoble, 1992 plus 4 additional *Perissopteryx* spp. | 912 | | A, B | I, IIa | s | + | | | s | | | | |
| *Pero albiorbis* Prout, 1928 | 250 | | A | II, III | | | s | | | r | s | | |
| *Pero alboculata* Dognin, 1907 | 2015 | | A | IIa | | | | | s | | | | |
| *Pero algerna* Schaus, 1901 | 947 | | A | IIa, III | | | | s | | | | s | |
| *Pero boa* Poole, 1987 | 2013 | | A | IIa | | | | s | | | | | |
| *Pero buckleyi* Butler, 1881 | 239 | | A, B | I, II, IIa, III | | r | + | +++ | +++ | r | r | | |
| *Pero caustomeris* Prout, 1928 | 248 | | A | II, IIa, III | | | s | ++ | + | r | | r | |
| *Pero cyclodaria* Felder & Rogenhofer, 1875 | 686 | | A | IIa | | | | s | r | | | | |
| *Pero gamuza* Dognin, 1894 | 241 | | A | II, III | | | | | | r | + | s | |
| *Pero homodoxa* Prout, 1928 | 249 | | A | II | | | s | | | | | | |
| *Pero* cf. *lindigi* Felder & Rogenhofer, 1875 | 2097 | | A | IIa | | | | s | r | | | | |
| *Pero maculicosta* Warren, 1897 | 251 | | A | II, IIa | | | r | +++ | +++ | | | | |
| *Pero mathanaria* Oberthür, 1883 | 831 | | B | I | s | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| *Pero mnasilaria* Oberthür, 1912 | 943 | B | I | s | | | | | | | |
| *Pero nucleata* Warren, 1907 | 2012 | A | IIa | | | | s | s | | | |
| *Pero obtusaria* Prout, 1928 | 472 | A | IIa | | | | + | +++ | | | |
| *Pero* cf. *participa* Poole, 1987 | 2079 | A | IIa | | | | ++ | + | | | |
| *Pero periculosaria* Oberthür, 1883 | 245 | A | II, IIa, III | | | | r | +++ | r | | r |
| *Pero plenilunata* Warren, 1904 | 237 | A, B | I, II, IIa | r | | ++ | +++ | +++ | r | | |
| *Pero poaphilaria* Guenée, 1858 | 2038 | A | IIa | | | | + | + | | | |
| *Pero pretensa* Poole, 1987 | 924 | A | IIa | | | | r | r | | | |
| *Pero* cf. *rapinaria* Guenée, 1858 | 238 | A | II, IIa, III | | | r | s | + | r | + | s |
| *Pero rapta* Prout, 1928 | 834 | B | I | r | | | | | | | |
| *Pero rosota* Poole, 1987 | 1917 | A | II, III | | | | | | r | r | r |
| *Pero saturara* Walker, 1868 | 2122 | A | IIa | | | | | s | | | |
| *Pero scitaria* Oberthür, 1883 | 246 | A | II, IIa, III | | | | s | r | s | r | s |
| *Pero semiusta* Butler, 1881 | 942 | A, B | I, IIa | r | s | | +++ | r | | | |
| *Pero* cf. *semiusta* Butler, 1881 | 833 | A | IIa, III | | | | + | | | | r |
| *Pero speciosata* Guenée, 1858 | 244 | A, B | I, II, IIa | | s | r | r | r | | | |
| *Pero spectrata* Felder & Rogenhofer, 1875 | 791 | A, B | I, IIa | | r | | s | | | | |
| *Pero* cf. *tabitha* Maassen, 1890 | 242 | A | II, IIa | | | s | ++ | + | | | |
| *Pero trena* Dognin, 1895 | 243 | A | II, IIa, III | | | | s | | s | s | |
| *Pero tricaria* Poole, 1987 | 247 | A | II, IIa, III | | | r | s | + | | | r |
| *Pero tridenta* Poole, 1987 | 793 | A | IIa | | | | ++ | + | | | |
| *Pero unfortunata* Poole, 1987 | 792 | A, B | I, IIa | | s | | ++ | + | | | |
| *Pero xylinaria* Guenée, 1858 | 264 | A | | | | q | | | | | |
| *Pero yahua* Poole, 1987 | 794 | B | I | | s | | | | | | |
| *Pero* sp01 | 928 | A | IIa | | | | r | s | | | |
| *Pero* sp02 | 835 | B | I | s | | | | | | | |
| *Perusia complicata* Warren, 1904 | 2044 | A | IIa | | | | s | r | | | |
| *Perusia praecisaria* Herrich-Schäffer, 1855 | 812 | A | IIa | | | | r | r | | | |
| *Perusia verticata* Warren, 1905 | 328 | A, B | I, II, IIa | r | s | s | +++ | +++ | s | | |
| *Perusia viridis* Warren, 1907 | 327 | A | II, IIa, III | | | | s | | + | r | ++ |
| *Perusia zoma* Dognin, 1896 | 915 | A | III | | | | | | | | r |
| plus 5 additional *Perusia* sp. | | | | | | | | | | | |
| *'Petelia' anagogaria* Warren, 1904 | 147 | A | II, IIa, III | | | r | r | s | r | s | |
| *'Petelia' binigrata* Warren, 1904 | 155 | A | II, IIa | | | | | s | + | | |
| *'Petelia' interrupta subconfusa* Warren, 1905 | 139 | A | II, III | | | | | | s | r | |
| *'Petelia'* cf. *interrupta* Warren, 1897 | 1025 | A | II, IIa | | | | r | | r | | |
| *'Petelia' nigriplaga* Schaus, 1901 | 608 | A | II, IIa, III | | | r | | s | | r | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *'Petelia' nummifera* Warren, 1901 | 140 | | A, B | I, II, IIa, III | s | | r | s | r | | r | | |
| *'Petelia'* cf. *pallidula* Schaus, 1911 | 151 | | A | II | | | r | | | r | | | |
| *'Petelia' plagiata* Warren, 1909 | 138 | | A | II, IIa, III | | | s | s | | s | r | ++ | |
| *'Petelia'* cf. *plagiata* Warren, 1909 | 124 | | A, B | I, III | | s | | | | | | s | |
| *'Petelia' purpurea* Warren, 1904 | 156 | | A | II, IIa, III | | | r | r | | s | r | s | |
| *'Petelia'* cf. *purpurea* #1 Warren, 1904 | 675 | | A | II, III, IV | | | s | | | | r | | q |
| *'Petelia'* cf. *purpurea* #2 Warren, 1904 plus 7 additional *'Petelia'* spp. | 994 | | A | III | | | | | | | | r | |
| *Phaludia* cf. *brunneofusa* Warren, 1901 | 1074 | | A | | | | q | | | | | | |
| *Phaludia xanthomelaena* Warren, 1907 | 802 | | A, B | I, II, IIa | | r | s | + | + | | | | |
| *Phaludia* cf. *xanthomelaena* Warren, 1907 | 2016 | | A | IIa | | | | s | s | | | | |
| *Pherotesia coiffaiti* Herbulot, 1990 | 716 | | A, B | I, IIa | r | s | | s | | | | | |
| *Pherotesia potens* Warren, 1905 | 1183 | | A | IIa | | | | s | | | | | |
| *Pherotesia subjecta* Warren, 1905 | 197 | | A | II, IIa, III | | | + | + | | ++ | + | | |
| *Pherotesia subsimilis* Dognin, 1912 | 925 | | B | I | r | s | | | | | | | |
| *Pherotesia suffumosa* Dognin, 1911 | 198 | | A | II, III | | | | | | s | r | r | |
| *Phrygionis flavilimes* Warren, 1907 | 226 | | A | II, IIa, III | | | r | s | s | ++ | s | | |
| *Phrygionis platinata* Guenée, 1858 | 227 | | A | II, IIa | | | ++ | ++ | + | | | | |
| *Phrygionis polita* Cramer, 1780 | 225 | | A | II, IIa | | | ++ | | r | s | | | |
| *Phrygionis privignaria* Guenée, 1858 | 737 | | B | I | s | | | | | | | | |
| *Phyle transglauca* Rindge, 1990 | 128 | | A, B | I, II, IIa, III | r | r | | + | r | r | r | + | |
| *Phyle versatile* Rindge, 1990 | 326 | | A | II, III | | | | | | r | r | | |
| *Phyllodonta caninata* Guenée, 1858 | 49 | | A | II, IIa | | | r | s | + | | | | |
| *Phyllodonta cataphracta* Prout, 1931 | 51 | | A | II, IIa | | | s | | r | s | | | |
| *Phyllodonta flabellaria* Thierry-Mieg, 1894 | 45 | | A | II, IIa, III | | | r | r | r | r | r | | |
| *Phyllodonta* cf. *flabellaria* Thierry-Mieg, 1894 | 46 | | A | II, IIa, III | | | r | r | s | +++ | +++ | r | |
| *Phyllodonta flexilinea* Warren, 1904 | 1015 | | A | III | | | | | | | | s | |
| *Phyllodonta muscilinea* Dognin, 1911 | 137 | | A | II, IIa, III | | | r | + | r | | r | r | |
| *Phyllodonta obscura* Dognin, 1904 | 50 | | A | II, IIa, III | | | r | r | + | + | +++ | s | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Phyllodonta semicava* Warren, 1904 | 47 | A | II, IIa, III | | | r | r | | ++ | ++ | |
| *Phyllodonta songaria* Dognin, 1901 | 1045 | A | IIa | | | | r | s | | | |
| *Phyllodonta succedens* Walker, 1860 | 48 | A, B | I, II, IIa | r | s | r | r | ++ | s | | |
| *Physocleora* cf. *accessilinea* Prout, 1910 | 280 | A | II, IIa | | | + | r | + | r | | |
| *Physocleora bella* Warren, 1907 | 337 | A, B | I, II | s | + | r | | | | | |
| *Physocleora castaneata* Warren, 1907 | 277 | A | IIa, III | | | | | + | | s | |
| *Physocleora celosoides* Dognin, 1895 | 281 | A | II, IIa, III | | | s | s | s | +++ | r | |
| *Physocleora conveniens* Dognin, 1907 | 932 | A | III | | | | | | | | s |
| *Physocleora curvifera* Dognin, 1906 | 905 | B | I | r | | | | | | | |
| *Physocleora* cf. *delgada* Dognin, 1895 | 275 | A, B | I, II, IIa | | s | ++ | ++ | +++ | | | |
| *Physocleora enana* Dognin, 1895 | 335 | A, B | I, II, IIa, III | + | + | r | + | + | + | s | |
| *Physocleora flaviplaga* Warren, 1907 | 336 | A | II, IIa | | | + | ++ | ++ | | | |
| *Physocleora grisescens* Warrren, 1907 | 2084 | A | IIa | | | | +++ | ++ | | | |
| *Physocleora* cf. *grosica* Schaus, 1901 | 840 | B | I | s | r | | | | | | |
| *Physocleora latimedia* Warren, 1904 | 279 | A, B | I, II, IIa, III | s | | s | r | + | r | s | |
| *Physocleora mniophilaria* Guenée, 1858 | 334 | A, B | I, II, IIa | | r | r | +++ | r | r | | |
| *Physocleora pergriseata* Warren, 1901 | 907 | A | III | | | | | | | | r |
| *Physocleora piperacea* Dognin, 1912 | 285 | A | II, IIa, III | | | r | s | | | s | |
| *Physocleora pulverata* Warren, 1907 | 333 | A, B | I, II, IIa, III | r | r | +++ | +++ | +++ | +++ | ++ | + |
| *Physocleora punctilla* Schaus, 1898 | 886 | B | I | r | s | | | | | | |
| *Physocleora scutigera* Warren, 1906 | 885 | B | I | r | r | | | | | | |
| *Physocleora warreni* Dognin, 1911 | 282 | A | IIa, III | | | | r | | | r | s |
| plus 4 additional *Physocleora* spp. | | | | | | | | | | | |
| *Pityeja histrionaria* Herrich-Schäffer, 1853 | 230 | A | II, IIa, III | | | r | s | r | ++ | r | |
| *Pityeja nazada* Druce, 1892 | 229 | A | III | | | | | | | s | |
| *Polla aristaria* Oberthür, 1883 | 909 | B | I | | s | | | | | | |
| *Postazuayia stigmatalis* Dognin, 1911 | 946 | A | III | | | | | | | | s |
| *Prochoerodes pilosa* Warren, 1897 | 89 | A | II, IIa, III | | | +++ | +++ | ++ | +++ | s | |
| *Psilosetia* cf. *pura* Warren, 1900 | 1009 | B | I | r | s | | | | | | |
| *Pyrinia abditaria* Warren, 1905 | 734 | B | I | r | | | | | | | |
| *Pyrinia cerocampata* Guenée, 1858 | 2027 | A | IIa | | | | s | | | | |
| *Pyrinia coearia* Walker, 1860 | 323 | A | II, IIa | | | | ++ | r | s | | |
| *Pyrinia divalis* Druce, 1898 | 839 | A | II, IIa | | | s | ++ | + | s | | |
| *Pyrinia gallaria* Walker, 1860 | 318 | A, B | I, II, IIa, III | | r | r | + | + | | s | |
| *Pyrinia megara* Druce, 1892 | 317 | A, B | I, II, IIa, III | r | s | r | +++ | +++ | r | r | + |
| *Pyrinia* cf. *sanitaria* Schaus, 1901 | 315 | A, B | I, II, IIa | | r | s | + | r | r | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Pyrinia vanidosa* Dognin, 1896 plus 4 additional *Pyrinia* spp. | 733 | | B | I | s | | | | | | | | |
| *Quillaca versipennis* Warren, 1907 | 754 | | B | I | | s | | | | | | | |
| *Rucana abnormipalpis* Warren, 1904 | 309 | | A, B | I, II, IIa | s | | + | s | r | s | | | |
| *Rucana bisecta* Dognin, 1914 | 660 | | A | II, IIa | | | r | r | s | | | | |
| *Rucana brunneoviridis* Warren, 1905 | 2058 | | A | IIa | | | | r | r | | | | |
| *Rucana degener* Warren, 1905 | 311 | | A | II, IIa, III | | | ++ | ++ | r | + | r | | |
| *Rucana fidelis* Warren, 1904 | 2059 | | A | IIa | | | | r | s | | | | |
| *Rucana sclerovesica* Pitkin, 2005 | 978 | | A, B | I, II | | s | s | | | | | | |
| *Sabulodes boarmidaria* Oberthür, 1883 | 759 | | A, B | I, IIa | + | | | s | + | | | | |
| *Sabulodes boliviaria* Oberthür, 1911 | 92 | | A | II, IIa, III | | | r | ++ | + | ++ | + | | |
| *Sabulodes caberata oberthuri* Rindge, 1978 | 93 | | A | II, IIa | | | + | r | +++ | s | | | |
| *Sabulodes* cf. *carbina* #1 Druce, 1892 | 990 | | A | II, IIa, III | | | | + | r | + | s | +++ | |
| *Sabulodes* cf. *carbina* #2 Druce, 1892 | 122 | | A, B | I, II, IIa | | s | +++ | +++ | +++ | r | | | |
| *Sabulodes* cf. *carbina* #3 Druce, 1892 | 991 | | B | I | | r | | | | | | | |
| *Sabulodes ornatissima* Thierry-Mieg, 1892 | 750 | | B | I | r | | | | | | | | |
| *Sabulodes prolata* Rindge, 1978 | 944 | | A, B | I, IIa | | s | | +++ | + | | | | |
| *Sabulodes thermidora* Thierry-Mieg, 1894 | 125 | | A, B | I, II, IIa, III | s | | +++ | +++ | +++ | ++ | ++ | r | |
| *Sabulodes* sp01 | 2164 | | A | IIa | | | | s | | | | | |
| *'Sabulodes' colombiata* Guenée, 1858 | 2034 | | A | IIa | | | | + | ++ | | | | |
| *'Sabulodes'* cf. *lineata* Schaus, 1911 | 183 | | A, B | I, II, IIa | | r | r | + | s | | | | |
| *'Sabulodes' mima* Thierry-Mieg, 1894 | 934 | | A, B | I, II, IIa | s | | s | r | r | r | | | |
| *'Sabulodes' muscistrigata* Guenée, 1858 | 873 | | A | IIa | | | | ++ | s | | | | |
| *Salasaca spinea* Rindge, 1983 | 1016 | | A | III | | | | | | | | s | |
| *Sangalopsis altera* Walker, 1865 | 1065 | d | A | | q | | | | | | | | |
| *Sangalopsis versicolor* Thierry-Mieg, 1904 | 1053 | d | A | | q | | | | | | | | |
| *Semiothisa radiata* Maassen, 1890 | 175 | | A | II, IIa | | | s | r | r | r | | | |
| *Semiothisa* cf. *quadriseriata* Guenée, 1858 | 766 | | B | I | | r | | | | | | | |
| *'Semiothisa' mayana* Schaus, 1901 | 176 | | A, B | I, II, IIa, III | r | | r | ++ | r | r | r | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *'Semiothisa' regressa* Dognin, 1923 | 319 | | A, B | I, II, IIa | | s | r | ++ | ++ | | | | |
| *Sericoptera mahometaria* Herrich-Schäffer, 1853 | 202 | | A, B | I, II, IIa, III | + | | r | +++ | +++ | | s | | |
| *Sicya dognini* Thierry-Mieg, 1895 | 2005 | | A | IIa | | | | s | s | | | | |
| *Sicya inquinata* Warren, 1897 | 2006 | | A | IIa | | | | s | | | | | |
| *Sicya pomona* Oberthür, 1883 | 689 | | A, B | I, II, IIa | s | | r | ++ | + | r | | | |
| *Simopteryx liodesaria* Walker, 1860 | 2036 | | A | IIa | | | | s | | | | | |
| *Simopteryx subflavata* Warren, 1897 | 1081 | | A | | | | q | | | | | | |
| *Siosta bifasciata* Latreille, 1817 | 1050 | d | A | | q | | q | | | | | | |
| *Sphacelodes studiosa* Dognin, 1891 | 2017 | | A | IIa | | | | | s | | | | |
| *Sphacelodes vulneraria* Hübner, 1823 | 91 | | A, B | I, II, IIa, III | r | r | | r | s | r | + | | |
| *Stegotheca costiplaga* Dognin, 1911 | 310 | | A | IIa, III | | | | | s | | s | | |
| *Stegotheca cythereata* Guenée, 1858 | 725 | | B | I | r | | | | | | | | |
| *Stegotheca* sp01 | 1017 | | A | III | | | | | | | | | s |
| *Tarma theodora* Thierry-Mieg, 1892 | 217 | | A | II, IIa | | | s | r | r | | | | |
| *Thersana* sp01 | 1052 | d | A | | q | | | | | | | | |
| *Thysanopyga* cf. *nigricosta* Warren, 1905 | 10 | | B | I | r | | | | | | | | |
| *Thysanopyga* cf. *pygaria* Guenée, 1858 | 19 | | B | I | s | | | | | | | | |
| *'Thysanopyga' casperia* Druce, 1893 | 999 | | B | I | s | | | | | | | | |
| *'Thysanopyga'* cf. *casperia* Druce, 1893 | 913 | | B | I | s | | | | | | | | |
| *'Thysanopyga' fractimacula* Warren, 1908 | 2001 | | A | IIa | | | | s | | | | | |
| *'Thysanopyga'* cf. *nigristicta* Warren, 1897 | 1005 | | B | I | s | | | | | | | | |
| *Trotogonia agelaea* Prout, 1934 | 920 | | B | I | s | | | | | | | | |
| *Trotogonia* sp01 | 470 | | A | | q | | | | | | | | |
| plus 1 additional Ennominae gen. & sp. indet. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| GEOMETRINAE | | | | | | | | | | | | | |
| *Cathydata batina* Druce, 1892 | 370 | | A, B | I, II, IIa | s | | | + | r | r | | | |
| *Chavarriella fallax* Warren, 1907 | 721 | | B | I | | + | | | | | | | |
| *Chavarriella lafayaria* Dognin, 1892 | 965 | | A | III | | | | | | | | | s |
| *Chavarriella psittacina* Prout, 1910 | 364 | | A | II, IIa | | | s | r | r | s | | | |
| *Chloropteryx dealbata* Warren, 1909 | 960 | | B | I | r | | | | | | | | |
| *Chloropteryx opalaria* Guenée, 1858 | 358 | | A, B | I, II, IIa | | + | +++ | +++ | ++ | r | | | |
| *Chloropteryx stigmatica* Warren, 1904 | 786 | | B | I | | s | | | | | | | |
| *Chloropteryx* cf. *stigmatica* Dognin, 1909 | 959 | | A, B | I, II, IIa | r | | r | r | ++ | | | | |
| *Hyalochlora nadia* Herbulot, 1976 | 343 | | A | II, IIa, III | | | | ++ | r | r | s | | |
| *Hydata* cf. *elegans* Bastelberger, 1911 | 778 | | B | I | | s | | | | | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Hydata projiciens* Prout, 1910 | 368 | | A | II, IIa, III | | | r | r | | | r | | |
| *Hydata propinqua* Prout, 1910 | 958 | | A | III | | | | | | | | r | |
| *Hydata stigmatica* Warren, 1904 | 369 | | A, B | I, II, IIa, III | | r | r | ++ | ++ | r | s | | |
| *Hydata subfenestraria* Walker, 1863 | 692 | | A, B | I, II, IIa, III | | s | | | s | s | s | | |
| *Lissochlora cecilia* Prout, 1912 | 761 | | A, B | I, II, IIa, III | r | s | ++ | +++ | +++ | ++ | r | s | |
| *Lissochlora diarita* Dognin, 1898 | 354 | | A, B | I, II, IIa | s | r | r | ++ | ++ | s | | | |
| *Lissochlora hena* Dognin, 1898 | 827 | | A | III | | | | | | | s | | |
| *Lissochlora hoffmannsi* Prout, 1932 | 351 | | A, B | I, II, IIa, III | ++ | r | + | +++ | +++ | +++ | r | | |
| *Lissochlora jenna* Dognin, 1898 | 348 | | A | II, III | | | | | | s | r | r | |
| *Lissochlora latuta* Dognin, 1898 | 352 | | A, B | I, II, IIa, III | + | r | +++ | +++ | +++ | +++ | +++ | +++ | |
| *Lissochlora pasama* Dognin, 1898 | 852 | | A | III | | | | | | | | s | |
| *Lissochlora punctiseriata* Dognin, 1910 | 988 | | A | III | | | | | | | | s | |
| *Lissochlora quotidiana* Prout, 1932 | 2052 | | A | IIa | | | | + | + | | | | |
| *Lissochlora rufiguttata* Warren, 1900 | 2049 | | A | IIa | | | | | s | | | | |
| *Lissochlora rufipicta* Prout, 1910 | 963 | | A | III | | | | | | | | s | |
| *Lissochlora* sp01 | 2051 | | A | IIa | | | | +++ | ++ | | | | |
| *Lissochlora* sp02 | 1071 | | A | | q | | | | | | | | |
| *Neagathia corruptata* Felder & Rogenhofer, 1875 | 371 | | A, B | I, II, IIa | r | s | s | r | | | | | |
| *Nemoria aturia scotocephala* Prout, 1916 | 355 | | A, B | I, II, IIa, III | | r | + | +++ | r | ++ | +++ | + | |
| *Nemoria* cf. *aturia* Druce, 1892 | 1474 | | A | IIa | | | | r | s | | | | |
| *Nemoria conflua* Warren, 1904 | 776 | | B | I | | s | | | | | | | |
| *Nemoria conspersa* Warren, 1904 | 962 | | B | I | s | | | | | | | | |
| *Nemoria delicataria* Möschler, 1882 | 353 | | A | II, IIa | | | r | +++ | r | + | | | |
| *Nemoria dentilinea* Warren, 1897 | 869 | | B | I | r | ++ | | | | | | | |
| *Nemoria erina* Dognin, 1896 | 757 | | A, B | I, IIa | r | | | s | | | | | |
| *Nemoria* cf. *erina* Dognin, 1896 | 882 | | A | IIa | | | | + | r | | | | |
| *Nemoria heterograpta* Warren, 1904 | 340 | | A | II, IIa | | | s | + | r | s | | | |
| *Nemoria imitans* Warren, 1907 | 346 | | A, B | I, II, IIa | r | + | r | ++ | r | | | | |
| *Nemoria nigrisquama* Dognin, 1904 | 345 | | A | II, IIa | | | + | +++ | +++ | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Nemoria roseilinearia* Dognin, 1892 | 964 | A | III | | | | | | | | s |
| *Nemoria scriptaria* Hübner, 1823 | 356 | A | II | | | s | | | | | |
| *Nemoria* cf. *sellata* Warren, 1907 | 349 | A, B | I, II, IIa | | s | | ++ | s | r | | |
| *Nemoria* sp01 | 777 | A, B | I, IIa | | s | | s | | | | |
| *Nemoria* sp02 | 819 | A | II | | | s | | | | | |
| *Oospila asmura* Druce, 1892 | 363 | A | IIa, III | | | | s | r | | s | |
| *Oospila atroviridis* Warren, 1904 | 366 | A | II, IIa | | | | + | s | s | | |
| *Oospila concinna* Warren, 1900 | 362 | A | II, IIa | | | | s | + | r | | |
| *Oospila confundaria* Möschler, 1890 | 957 | B | I | s | | | | | | | |
| *Oospila ecuadorata* Dognin, 1892 | 344 | A, B | I, II, IIa | s | | ++ | +++ | s | s | | |
| *Oospila holochroa* Prout, 1913 | 1427 | A | IIa | | | | | r | | | |
| *Oospila lacteguttata* Warren, 1909 | 365 | A | II, IIa | | | r | r | r | | | |
| *Oospila lunicincta* Warren, 1909 | 367 | A | II, IIa | | | s | + | r | s | | |
| *Oospila stagonata* Felder & Rogenhofer, 1875 | 1423 | A | IIa | | | | r | r | | | |
| *Phrudocentra opaca* Butler, 1881 | 948 | B | I | s | | | | | | | |
| *Phrudocentra subaurata* Warren, 1904 | 360 | A | II, IIa, III | | | s | +++ | ++ | r | r | s |
| *Phrudocentra trimaculata* Warren, 1901 | 361 | A, B | I, II | s | | s | | | | | |
| *Phrudocentra vagilinea* Warren, 1906 | 949 | B | I | s | | | | | | | |
| *'Phrudocentra' niveiceps* Prout, 1912 | 2050 | A | IIa | | | | r | | | | |
| *Poecilochlora minor* Warren, 1904 | 341 | A | II, IIa, III | | | r | + | r | r | s | |
| *Pyrochlora rhanis* Cramer, 1777 | 1438 | A | IIa | | | | | s | | | |
| *Rhodochlora roseipalpis* Felder & Rogenhofer, 1875 | 342 | A | II, IIa, III | | | r | +++ | ++ | ++ | r | r |
| *Synchlora amplimaculata* Herbulot, 1991 | 347 | A, B | I, II, IIa, III | r | s | r | r | +++ | ++ | r | |
| *Synchlora bidentifera* Warren, 1901 | 756 | B | I | r | r | | | | | | |
| *Synchlora dependens tumefacta* Prout, 1910 | 611 | A | II, IIa, III | | | + | +++ | +++ | r | r | r |
| *Synchlora gerularia* Hübner, 1823 | 350 | A, B | I, II, IIa | r | + | | ++ | + | r | | |
| *Tachychlora flavidisca* Warren, 1904 | 372 | A | II, III | | | | | | s | | s |
| *Telotheta muscipunctata* Dognin, 1892 | 359 | A, B | I, II, IIa | | + | r | +++ | r | | | |
| | | | | | | | | | | | |
| LARENTIINAE | | | | | | | | | | | |
| *Brabirodes cerevia* Druce, 1893 | 438 | A | II, IIa, III | | | s | r | r | | s | |
| *Callipia constantinaria* Oberthür, 1881 | 428 | A | III | | | | | | | r | |
| *Callipia parrhasiata* Guenée, 1858 | 429 | A | II, IIa, III | | | | r | | r | r | s |
| *Callipia rosetta* Thierry-Mieg, 1904 | 2120 | A | IIa | | | | r | | | | |
| *Callipia* sp01 | 985 | A | IIa, III | | | | + | | | s | s |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Cirrhorheuma androconiata* Prout, 1923 | 483 | | A | II | | | s | | | s | | | |
| *Cophocerotis* sp01 | 1058 | | A | | | | | | | | | | q |
| *Deinoptila cazadora* Dognin, 1893 | 459 | | A | III | | | | | | | r | + | |
| *Deinoptila penicula* Dognin, 1893 | 458 | | A | II, IIa, III | | | | r | | ++ | r | r | |
| *Distoneura pastaza* Prout, 1934 | 449 | | A | II | | | s | | | | | | |
| *Dyspteris breviataria* Hübner, 1818 | 439 | | A, B | I, II, IIa | r | | s | r | | | | | |
| *Eois adimaria* Snellen, 1874 | 375 | | A | III | | | | | | | s | | |
| *Eois* cf. *adimaria* Snellen, 1874 | 399 | | A | II, IIa, III | | | r | r | r | +++ | +++ | r | |
| *Eois amarillada* Dognin, 1893 | 391 | | A, B | I, II, IIa | s | | | r | | r | | | |
| *Eois angulata* Warren, 1904 | 376 | | A, B | I, II, IIa | r | r | r | r | + | | | | |
| *Eois antiopata* Warren, 1904 | 799 | | A, B | I, IIa | | + | | r | s | | | | |
| *Eois* cf. *apyraria* Guenée, 1858 | 1033 | | A | IIa | | | | r | | | | | |
| *Eois azafranata* Dognin, 1893 | 397 | | A | II, IIa, III | | | r | +++ | s | +++ | +++ | r | |
| *Eois basaliata* Warren, 1907 | 401 | | A, B | I, II, IIa | r | | ++ | r | + | | | | |
| *Eois binaria* Guenée, 1858 | 710 | | A, B | I, II, IIa | ++ | r | r | + | r | | | | |
| *Eois biradiata* Dognin, 1911 | 410 | | A | II, IIa, III | | | | r | r | ++ | r | | |
| *Eois borrata* Dognin, 1893 | 396 | | A, B | I, II, IIa, III | | s | +++ | ++ | +++ | + | +++ | + | |
| *Eois burla* Dognin, 1899 | 385 | | A | II, IIa, III | | | ++ | +++ | ++ | ++ | ++ | r | |
| *Eois camptographata* Prout, 1922 | 739 | | B | I | s | r | | | | | | | |
| *Eois* cf. *canariata* Dognin, 1903 | 417 | | B | I | r | | | | | | | | |
| *Eois cancellata* Warren, 1906 | 386 | | A, B | I, II, IIa, III | | s | r | r | r | +++ | + | r | |
| *Eois carrasca* Dognin, 1899 | 389 | | A, B | I, II, IIa | | s | | r | s | r | | | |
| *Eois* cf. *catana* Druce, 1892 | 426 | | A, B | I, II, IIa | + | s | r | + | r | | | | |
| *Eois chasca* Dognin, 1899 | 392 | | A, B | I, II, IIa, III | | r | ++ | r | ++ | + | r | | |
| *Eois chrysocraspedata* Warren, 1897 | 1029 | | A | II, IIa | | | + | +++ | +++ | | | | |
| *Eois ciocolatina* Warren, 1907 | 403 | | A, B | I, II, IIa | r | r | +++ | +++ | +++ | | | | |
| *Eois cobardata* Dognin, 1893 | 407 | | A | II, III | | | | | | r | ++ | r | |
| *Eois cogitata* Dognin, 1918 | 406 | | A | III | | | | | | | r | +++ | |
| *Eois* cf. *commixta* Warren, 1904 | 421 | | A | III | | | | | | | s | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eois concatenata* Prout, 1910 | 1695 | A | IIa | | | | + | r | | | |
| *Eois contraversa* Warren, 1907 | 914 | A | III | | | | | | | | s |
| *Eois* cf. *dorisaria* Schaus, 1913 | 423 | A, B | I, II, IIa, III | s | | s | r | + | | r | |
| *Eois encina* Dognin, 1899 | 378 | A, B | I, II, IIa, III | | s | + | + | + | r | s | r |
| *Eois* cf. *encina* Dognin, 1899 | 412 | A, B | I, II, IIa | | s | r | ++ | ++ | | | |
| *Eois escamata* Dognin, 1893 | 390 | A | IIa, III | | | | r | r | | r | s |
| *Eois fasciata* Warren, 1901 | 798 | B | I | | + | | | | | | |
| *Eois* cf. *fucosa* Dognin, 1912 | 394 | A, B | I, II, IIa, III | | +++ | ++ | r | +++ | r | s | r |
| *Eois* cf. *fulvicosta* Dognin, 1912 | 854 | A | III | | | | | | | | + |
| *Eois golosata* Dognin, 1893 | 374 | A, B | I, II, IIa, III | r | | + | +++ | + | +++ | +++ | |
| *Eois goodmani* Schaus, 1913 | 381 | A | II, IIa, III | | | r | +++ | +++ | | r | s |
| *Eois* cf. *haematodes* Warren, 1907 | 977 | A | III | | | | | | | | s |
| *Eois hermosaria* Schaus, 1901 | 2031 | A | IIa | | | | r | s | | | |
| *Eois ignefumata* Dognin, 1910 | 30 | B | I | s | | | | | | | |
| *Eois* cf. *inflammata* #1 Dognin, 1911 | 402 | A | II, IIa, III | | | r | r | | r | s | r |
| *Eois* cf. *inflammata* #2 Dognin, 1911 | 515 | A | IIa | | | | r | + | | | |
| *Eois* cf. *insignata* Walker, 1861 | 935 | A | IIa | | | | s | | | | |
| *Eois lavendula* Warren, 1907 | 851 | A | III | | | | | | | | r |
| *Eois lucivittata* Warren, 1907 | 384 | A, B | I, II, IIa | r | r | r | s | + | | | |
| *Eois* cf. *lunifera* Dognin, 1912 | 411 | A, B | I, II, IIa | r | s | s | + | r | | | |
| *Eois margarita* Dognin, 1911 | 398 | A | II, IIa, III | | | +++ | +++ | +++ | s | ++ | |
| *Eois mediostrigata* Warren, 1907 | 413 | A, B | I, II, IIa | | r | + | + | ++ | | | |
| *Eois muscosa* Dognin, 1910 | 803 | A, B | I, IIa | r | + | | ++ | + | | | |
| *Eois neclas* Druce, 1892 | 797 | A, B | I, III | s | r | | | | | | s |
| *Eois necula* Druce, 1892 | 395 | A | II, III | | | | | | s | s | |
| *Eois nigricosta* Prout, 1926 | 387 | A, B | I, II, IIa, III | | + | s | ++ | r | | | r |
| *Eois nigrinotata* Warren, 1907 | 975 | A | III | | | | | | | | r |
| *Eois nigrosticta* Warren, 1901 | 388 | A, B | I, II, IIa, III | r | | r | r | | s | ++ | |
| *Eois obada* Druce, 1892 | 404 | A, B | I, IIa, III | r | | | s | s | | s | s |
| *Eois odatis* Druce, 1892 | 818 | B | I, II, IIa | r | r | r | + | r | | | |
| *Eois* cf. *odatis* Druce, 1892 | 419 | A | II, IIa | | | r | +++ | ++ | s | | |
| *Eois olivacea* Felder & Rogenhofer, 1875 | 416 | A, B | I, II, IIa, III | r | + | ++ | +++ | +++ | s | | r |
| *Eois* cf. *olivaria* Schaus, 1901 | 408 | A, B | I, II, IIa | r | | r | r | r | | | |
| *Eois pallidicosta* Warren, 1907 | 1023 | A | IIa | | | | + | | | | |
| *Eois paraviolascens* Dognin, 1900 | 424 | A, B | I, II, IIa, III | | + | s | +++ | +++ | s | s | s |
| *Eois paulona* Schaus, 1927 | 696 | A, B | I, II, IIa, III | s | s | s | +++ | ++ | r | r | r |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eois plana* Dognin, 1918 | 425 | | A, B | I, II, IIa | | s | r | +++ | +++ | r | | | |
| *Eois planetaria* Warren, 1907 | 383 | | A | II, IIa, III | | | r | s | r | r | | r | |
| *Eois* cf. *restrictata* Warren, 1901 | 837 | | A, B | I, II, III | s | s | ++ | | | r | s | s | |
| *Eois rubiada* Dognin, 1893 | 2030 | | A | IIa | | | | r | r | | | | |
| *Eois sagittaria* Snellen, 1874 | 377 | | A | II, IIa | | | s | s | | s | | | |
| *Eois* cf. *sagittaria* Snellen, 1874 | 379 | | A | II, IIa, III | | | s | s | r | s | s | r | |
| *Eois scama* Dognin, 1899 | 855 | | A | III | | | | | | | | r | |
| *Eois subpallida* Dognin, 1913 | 889 | | A | II, IIa, III | | | | s | r | s | | s | |
| *Eois tegularia* Guenée, 1858 | 836 | | A, B | I, II, IIa | + | s | r | +++ | +++ | | | | |
| *Eois* cf. *tegularia* Guenée, 1858 | 961 | | A, B | I, II, IIa, III | s | s | s | r | r | s | | s | |
| *Eois trillista* Warren, 1905 | 414 | | A, B | I, II, IIa, III | s | | r | s | r | | r | r | |
| *Eois veniliata* Walker, 1861 | 967 | | A | III | | | | | | | | r | |
| *Eois vinosata* Warren, 1907 | 709 | | A, B | I, IIa | s | | | + | r | | | | |
| *Eois xanthoperata* Warren, 1897 | 422 | | A, B | I, II, IIa, III | ++ | r | r | s | r | r | r | s | |
| *Eois* cf. *yvata* Dognin, 1893 | 400 | | A | II, III | | | | | | + | ++ | r | |
| *Eois zorra* Dognin, 1896 | 966 | | A | III | | | | | | | | s | |
| plus 27 additional *Eois* spp. | | | | | | | | | | | | | |
| *Erateina artabates* Druce, 1892 | 1059 | dn | A | IIa | | | | s | | | | | |
| *Erateina medama* Druce, 1892 | 1056 | d | A | | | | q | | | | | | |
| *Erateina melanocera* Bastelberger, 1908 | 1062 | d | A | | | | q | | | | | | |
| *Erateina radiaria* Herrich-Schäffer, 1853 | 1057 | d | A | | | | q | | | | | | |
| *Erateina siliquata* Guenée, 1858 | 1055 | d | A | | | | q | | | | | | |
| *Erateina zoraidina* Bastelberger, 1908 | 1060 | d | A | | | | q | | | | | | |
| *Erateina* cf. *zoraidina* Bastelberger, 1908 | 1061 | d | A | | | | q | | | | | | |
| *Erateina* sp01 | 1063 | d | A | | | | q | | | | | | |
| *Erebochlora cerasii* Maassen, 1890 | 2118 | | A | IIa | | | | s | | | | | |
| *Erebochlora simulator* Dognin, 1891 | 680 | | A | III | | | | | | | | r | |
| *Erebochlora tima* Thierry-Mieg, 1892 | 1044 | | A | | | | q | | | | | | |
| *Ersephila* cf. *prema* Druce, 1893 | 461 | | A | III | | | | | | | s | s | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eubaphe tritonia* Druce, 1885 | 1049 | dn | A | IIa | | | | | r | | | | | |
| *Eubaphe* sp01 | 2042 | | A | IIa | | | | ++ | r | | | | | |
| *Eudule ficulnea* Druce, 1885 | 1047 | d | A | | q | | q | | | | | | | |
| *Eudule orilochia* Druce, 1885 | 1048 | d | A | | | | q | | | | | | | |
| *Euphyia acerbata* Felder & Rogenhofer, 1875 | 484 | | A | II, III | | | | | | s | r | r | | |
| *Euphyia* cf. *acerbata* Felder & Rogenhofer, 1875 | 841 | | A | II, IIa | | | r | r | r | r | | | | |
| *Euphyia aguada* Dognin, 1893 | 482 | | A | II, IIa, III | | | s | ++ | + | | | s | | |
| *Euphyia alboscripta* Dognin, 1892 | 480 | | A | IIa, III | | | | | s | | | + | | |
| *Euphyia balteata* Warren, 1905 | 697 | | A | II, III | | | | | | s | r | | | |
| *Euphyia* cf. *caliginosa* Warren, 1900 | 787 | | B | I | | r | | | | | | | | |
| *Euphyia cinerascens* Dognin, 1900 | 457 | | A, B | I, II, IIa | | r | + | + | s | | | | | |
| *Euphyia cocama* Schaus, 1901 | 1043 | | A | IIa | | | q | s | r | | | | | |
| *Euphyia consequata* Felder & Rogenhofer, 1875 | 453 | | A | II, IIa | | | s | + | r | | | | | |
| *Euphyia* cf. *consequata* Felder & Rogenhofer, 1875 | 464 | | A | II | | | s | | | | | | | |
| *Euphyia disconnexa* Warren, 1901 | 953 | | B | I | s | s | | | | | | | | |
| *Euphyia* cf. *fringillata* Guenée, 1858 | 462 | | A | II, IIa, III | | | r | + | s | r | s | + | | |
| *Euphyia gustosa* Dognin, 1893 | 2104 | | A | IIa | | | | | s | | | | | |
| *Euphyia infundibulata* Guenée, 1858 | 952 | | A | IIa, III | | | | r | s | | | r | | |
| *Euphyia kirschi* Maassen, 1890 | 2054 | | A | IIa | | | | r | | | | | | |
| *Euphyia polychroma* Prout, 1916 | 955 | | A | | | | | | | | | | | q |
| *Euphyia porraceata* Snellen, 1874 | 830 | | A, B | I, II, IIa | +++ | s | | s | r | s | | | | |
| *Euphyia psyra* Druce, 1893 | 633 | | A | II, IIa | | | s | r | | | | | | |
| *Euphyia rojiza* Dognin, 1893 | 466 | | A | II, IIa, III | | | r | s | | + | r | + | | |
| *Euphyia sturnularia* Herrich-Schäffer, 1855 | 1504 | | A | IIa | | | | | s | | | | | |
| *Euphyia subalbata* Warren, 1904 | 2116 | | A | IIa | | | | | s | | | | | |
| *Euphyia subguttaria* Herrich-Schäffer, 1855 | 460 | | A, B | I, II, IIa, III | +++ | +++ | r | +++ | +++ | | s | ++ | | |
| *Euphyia subtersignata* Prout, 1916 | 2060 | | A | IIa | | | | +++ | ++ | | | | | |
| *Euphyia subvinosa* Dognin, 1906 | 2109 | | A | IIa | | | | | s | | | | | |
| *Euphyia trujillaria* Schaus, 1901 | 452 | | A, B | I, II, IIa | | s | s | ++ | + | | | | | |
| *Euphyia violetta* Warren, 1904 | 813 | | A, B | I, IIa | | r | | + | s | | | | | |
| *Euphyia zalmoxis* Thierry-Mieg, 1894 | 954 | | B | I | r | | | | | | | | | |
| *Euphyia zara* Thierry-Mieg, 1893 | 471 | | A | II, III | | | s | | | | r | s | | |
| *Euphyia* cf. *zara* Thierry-Mieg, 1893 | 495 | | A | II | | | s | | | | | | | |
| plus 9 additional *Euphyia* spp. | | | | | | | | | | | | | | |
| *Eupithecia acragas* Herbulot, 1987 | 703 | | A | III | | | | | | | s | r | | |
| *Eupithecia albifusca* Warren, 1907 | 875 | | A | III | | | | | | | | r | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eupithecia* cf. *albifusca* #1 Warren, 1907 | 643 | | A | III | | | | | | | | ++ | |
| *Eupithecia* cf. *albifusca* #2 Warren, 1907 | 621 | | A | II, III | | | s | | | r | r | s | |
| *Eupithecia albirasa* Warren, 1905 | 577 | | A | II, IIa, III | | | s | r | s | ++ | +++ | + | |
| *Eupithecia albirivata* Warren, 1904 | 641 | | A | II, III | | | | | | r | r | | |
| *Eupithecia* cf. *albirivata* Warren, 1904 | 892 | | B | I | r | s | | | | | | | |
| *Eupithecia albisecta* Prout, 1911 | 650 | | A | II | | | | | | r | | | |
| *Eupithecia anita* Warren, 1906 | 623 | | A, B | I, II, IIa | s | +++ | r | +++ | +++ | r | | | |
| *Eupithecia batida* Dognin, 1899 | 603 | | A, B | I, II | s | ++ | r | | | s | | | |
| *Eupithecia bullata* Warren, 1895 | 705 | | A, B | I, II, IIa, III | | s | r | r | ++ | r | s | | |
| *Eupithecia casta* Warren, 1904 | 554 | | A | II, IIa | | | s | r | r | r | | | |
| *Eupithecia* cf. *contexta* #1 Schaus, 1913 | 572 | | A | II, IIa, III | | | r | +++ | + | +++ | ++ | r | |
| *Eupithecia* cf. *contexta* #2 Schaus, 1913 | 574 | | A | II, IIa, III | | | | ++ | + | r | r | | |
| *Eupithecia* cf. *contexta* #3 Schaus, 1913 | 573 | | A | II, IIa, III | | | s | ++ | + | | s | | |
| *Eupithecia costivallata* Warren, 1904 | 683 | | A | II, III | | | | | | + | ++ | r | |
| *Eupithecia cuneilineata* Warren, 1905 | 647 | | A | III | | | | | | | r | s | |
| *Eupithecia cunina* Druce, 1893 | 566 | | A | II, IIa, III | | | s | s | | s | s | | |
| *Eupithecia* cf. *cunina* Druce, 1893 | 877 | | A | III | | | | | | | | ++ | |
| *Eupithecia cupreata* Warren, 1904 | 652 | | A | II, IIa, III | | | | r | r | r | r | | |
| *Eupithecia densicauda* Warren, 1904 | 512 | | A | IIa | | | | r | | | | | |
| *Eupithecia descimoni* Herbulot, 1987 | 567 | | A | II, III | | | | | | s | r | r | |
| *Eupithecia disformata* Dognin, 1893 | 559 | | A | II, IIa, III | | | r | s | | ++ | +++ | r | |
| *Eupithecia drastica* Herbulot, 1994 | 575 | | A | IIa, III | | | | ++ | r | | r | | |
| *Eupithecia duena* Dognin, 1899 | 556 | | A, BI, | II, IIa, III, IV | s | | r | +++ | s | r | ++ | +++ | q |
| *Eupithecia emporia* Herbulot, 1987 | 657 | | A | III | | | | | | | | +++ | |
| *Eupithecia galepsa* Herbulot, 1987 | 557 | | A | II, IIa, III | | | r | s | r | s | r | r | |
| *Eupithecia higa* Dognin, 1899 | 677 | | A | II, IIa | | | r | +++ | ++ | | | | |
| *Eupithecia hilaris* Prout, 1910 | 679 | | A | II, IIa, III | | | | r | | + | ++ | | |
| *Eupithecia hippolyte* Herbulot, 1987 | 617 | | A | IIa, III | | | | + | + | | | s | |
| *Eupithecia hormiga* Dognin, 1899 | 569 | | A | II, IIa, III | | | r | r | +++ | + | r | r | |
| *Eupithecia* cf. *idalia* Dognin, 1890 | 576 | | A | II, IIa, III | | | | ++ | + | + | ++ | +++ | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Eupithecia* cf. *junctifascia* #1 Bastelberger, 1907 | 564 | A, B | I, II, III | s | | | s | | | r | ++ | |
| *Eupithecia* cf. *junctifascia* #2 Bastelberger, 1907 | 565 | A | II, IIa | | | | s | s | s | r | | |
| *Eupithecia lachaumei* Herbulot, 1987 | 563 | A | II, IIa | | | | r | +++ | +++ | r | | |
| *Eupithecia linda* Dognin, 1899 | 681 | A | II, IIa, III | | | | r | r | r | r | s | |
| *Eupithecia* cf. *madura* Dognin, 1899 | 552 | A | II, IIa, III | | | | s | + | ++ | + | ++ | |
| *Eupithecia* cf. *muralla* Dognin, 1899 | 2082 | A | IIa | | | | | r | s | | | |
| *Eupithecia nigrithorax* Warren, 1904 | 661 | A, B | I, II, IIa | r | | | r | +++ | +++ | s | | |
| *Eupithecia nigrodiscata* Herbulot, 1987 | 653 | A | IIa, III | | | | | ++ | + | | | + |
| *Eupithecia ochrosoma* Warren, 1904 | 614 | A, B | I, II, IIa, III | | s | | ++ | + | s | ++ | r | r |
| *Eupithecia pallidicosta* Warren, 1904 | 648 | A | II, IIa, III | | | | r | ++ | r | +++ | ++ | |
| *Eupithecia parallaxis* Prout, 1916 | 607 | A | II, IIa, III | | | | ++ | +++ | ++ | r | s | |
| *Eupithecia penicilla* Dognin, 1901 | 562 | A | II, IIa, III | | | | s | ++ | r | + | s | |
| *Eupithecia* cf. *penicilla* Dognin, 1901 | 561 | A | II, IIa, III | | | | r | ++ | s | ++ | + | |
| *Eupithecia philippis* Herbulot, 1987 | 896 | A, B | I, IIa | s | | | | s | | | | |
| *Eupithecia* cf. *pulgata* Dognin, 1899 | 879 | A | III | | | | | | | | | r |
| *Eupithecia rubellicincta* Warren, 1904 | 550 | A | II, IIa, III | | | | r | +++ | ++ | +++ | +++ | +++ |
| *Eupithecia* cf. *rubellicincta* #1 Warren, 1904 | 702 | A | II, IIa, III | | | | + | +++ | +++ | r | s | ++ |
| *Eupithecia* cf. *rubellicincta* #2 Warren, 1904 | 551 | A | II, IIa, III | | | | r | ++ | r | ++ | +++ | |
| *Eupithecia* cf. *rubellicincta* #3 Warren, 1904 | 553 | A | III | | | | | | | | s | |
| *Eupithecia* cf. *saphenes* Prout, 1916 | 615 | A | II, IIa, III | | | | ++ | s | | r | s | |
| *Eupithecia scione* Herbulot, 1987 | 560 | A | II, IIa | | | | s | r | r | | | |
| *Eupithecia sobria* Prout, 1910 | 674 | A | II, IIa, III | | | | s | +++ | s | s | r | r |
| *Eupithecia* cf. *sobria* Prout, 1910 | 555 | A | II, IIa, III | | | | s | +++ | +++ | r | | + |
| *Eupithecia sorda* Dognin, 1899 | 663 | A | II, IIa | | | | | s | | s | | |
| *Eupithecia* cf. *subtilis* Schaus, 1913 | 2083 | A | IIa | | | | | r | r | | | |
| *Eupithecia* cf. *tenera* Schaus, 1913 | 637 | A | III | | | | | | | | | r |
| *Eupithecia trampa* Dognin, 1899 | 672 | A | III | | | | | | | | + | +++ |
| *Eupithecia tremula* Schaus, 1913 | 1581 | A | IIa | | | | | r | s | | | |
| *Eupithecia triangulifera* Warren, 1904 | 558 | A | II, IIa, III | | | | | r | s | + | + | s |
| *Eupithecia trigenuata* Warren, 1904 | 568 | A | II, IIa, III | | | | s | s | s | ++ | ++ | r |
| *Eupithecia turbanta* Dognin, 1899 | 2111 | A | IIa | | | | | r | | | | |
| *Eupithecia versiplaga* Warren, 1905 | 570 | A, B | I, II, IIa, III | | s | | | + | r | r | r | + |
| *Eupithecia yangana* Dognin, 1899 | 667 | A | II, IIa, III | | | | ++ | +++ | +++ | + | + | +++ |
| plus 89 additional *Eupithecia* spp. | | | | | | | | | | | | |
| *Graphidipus flaviceps* Felder & Rogenhofer, 1875 | 430 | A, B | I, II, IIa | | s | | r | +++ | +++ | | | |
| *Graphidipus fulvicostaria* Herrich-Schäffer, 1855 | 2113 | A | IIa | | | | | r | | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Graphidipus graphidiparia* Oberthür, 1883 | 431 | | A | IIa, III | | | | s | r | | s | | |
| *Graphidipus puncticulata* Guenée, 1858 | 432 | | A | II, III | | | s | | | | | r | |
| *Hagnagora anicata* Felder & Rogenhofer, 1875 | 435 | dn | A | II, IIa, III | | | r | ++ | ++ | + | r | ++ | |
| *Hagnagora croceitincta* Dognin, 1892 | 434 | | A | II, IIa, III | | | r | +++ | ++ | + | | s | |
| *Hagnagora ephestris* Felder & Rogenhofer, 1875 | 433 | | A | II, IIa, III | | | s | +++ | +++ | s | | r | |
| *Hagnagora mortipax* Butler, 1872 | 436 | | A, B | I, II, IIa | | r | ++ | +++ | ++ | s | | | |
| *Hagnagora* sp01 | 2078 | | A | IIa | | | | s | | | | | |
| *Hammaptera ignifera* Thierry-Mieg, 1894 | 1042 | | A | IIa | | | | ++ | r | | | | |
| *Hammaptera praderia* Dognin, 1893 | 468 | | A | II, IIa | | | +++ | ++ | + | | | | |
| *Hammaptera probataria* Herrich-Schäffer, 1855 | 986 | | B | I | s | | | | | | | | |
| *Hammaptera repandaria* Schaus, 1901 | 956 | | A, B | I, IIa | r | s | | | r | | | | |
| *Hammaptera vanonaria* Schaus, 1901 | 1068 | | A | IIa | | | | +++ | + | | | | |
| *Hammaptera* sp01 | 469 | | A, B | I, II, IIa | | r | r | r | ++ | | | | |
| *Hammaptera* sp02 | 2115 | | A | IIa | | | | s | | | | | |
| *Heterusia conna* Druce, 1893 | 1054 | d | A | | | | q | | | | | | |
| *Heterusia* cf. *ochrozona* Felder & Rogenhofer, 1875 | 1088 | d | A | | | | q | | | | | | |
| *Heterusia particolor* Warren, 1897 | 1067 | d | A | | q | | | | | | | | |
| *Heterusia partitata* Guenée, 1858 | 1066 | d | A | | q | | | | | | | | |
| *Heterusia* sp01 | 2091 | | A | IIa | | | | + | + | | | | |
| *Heterusia* sp02 | 1089 | d | A | | | | q | | | | | | |
| *Heterusia* sp03 | 1090 | d | A | | | | q | | | | | | |
| *Hydriomena* cf. *algosa* Dognin, 1893 | 476 | | A | II, IIa, III | | | r | ++ | r | r | r | +++ | |
| *Hydriomena* cf. *cydra* Druce, 1893 | 475 | | A, B | I, II, IIa, III | | r | r | +++ | +++ | s | r | s | |
| *Hydriomena multangulata* Dognin, 1909 | 477 | | A | III | | | | | | | r | | |
| *Hydriomena* cf. *polyphonta* Druce, 1893 | 474 | | A | II, IIa | | | r | s | s | s | | | |
| *Hydriomena praelatata* Warren, 1900 | 479 | | A | II, IIa | | | r | ++ | r | | | | |
| *Hydriomena ranuncula* Dognin, 1893 | 850 | | A | III | | | | | | | | r | |
| *Hydriomena* sp01 | 478 | | A, B | I, II, IIa, III | s | r | | s | | s | | ++ | |
| *Hydriomena* sp02 | 788 | | B | I | | r | | | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Obila floccosaria* Walker, 1866 | 715 | B | I | s | | | | | | | | |
| *Obila umbrinata* Guenée, 1858 | 951 | A, B | I, II, IIa, III | r | | r | + | r | | s | | |
| *Oligopleura aulaeata* Felder & Rogenhofer, 1875 | 1279 | A | IIa | | | | s | | | | | |
| *Orthonama coneja* Dognin, 1896 | 442 | A | II, IIa | | | r | r | r | | | | |
| *Orthonama effluata* Snellen, 1874 | 441 | A, B | I, II, IIa | s | r | s | +++ | +++ | | | | |
| *Orthonama majorata* Dognin, 1916 | 450 | A | III | | | | | | | | s | |
| *Orthonama* sp01 | 2152 | A | IIa | | | | r | r | | | | |
| *Orthonama* sp02 | 445 | A, B | I, II, IIa | s | | r | r | ++ | | | | |
| *Perizoma arcillata* Dognin, 1893 | 984 | A | IIa, III | | | | s | | | | s | |
| *Perizoma basiplaga* Schaus, 1901 | 492 | A | II, IIa, III | | | s | r | s | s | r | ++ | |
| *Perizoma brunneopicta* Dognin, 1913 | 494 | A | II, III | | | | | | s | s | ++ | |
| *Perizoma carnetincta* Dognin, 1911 | 491 | A | III | | | | | | | r | + | |
| *Perizoma cinerolimitata* Thierry-Mieg, 1892 | 537 | A | II, IIa | | | r | r | | | | | |
| *Perizoma emmelesiata* Snellen, 1874 | 486 | A, B | I, II, IIa, III | | s | +++ | + | ++ | r | s | r | |
| *Perizoma fallax* Warren, 1905 | 493 | A | II, III | | | | | | s | r | s | |
| *Perizoma interlauta* Warren, 1907 | 485 | A | II, III | | | | | | r | + | r | |
| *Perizoma zenobia* Thierry-Mieg, 1893 | 487 | A | II, IIa, III | | | +++ | ++ | +++ | ++ | ++ | ++ | |
| *Perizoma* sp01 | 973 | A | II, III | | | | | | s | s | | |
| *Plemyriopsis facetata* Guenée, 1858 | 1026 | A | II | | | s | | | | | | |
| *Pocophora rufisticta* Warren, 1905 | 894 | A | IIa | | | | + | r | | | | |
| *Priapodes* cf. *longipalpata* Thierry-Mieg, 1892 | 711 | A | II | | | s | | | | | | |
| *Psaliodes albifascia* Dognin, 1911 | 489 | A, B | I, II, IIa, III | | + | + | s | + | +++ | s | s | |
| *Psaliodes albistriga* Warren, 1904 | 516 | A | II, III | | | s | | | s | r | | |
| *Psaliodes analiplaga* Warren, 1904 | 979 | A | III | | | | | | | | s | |
| *Psaliodes annuligera* Dognin, 1911 | 862 | A | III | | | | | | | | s | |
| *Psaliodes aurativena* Warren, 1904 | 511 | A | II, IIa | | | r | r | s | s | | | |
| *Psaliodes biconalis* Walker, 1859 | 549 | A | II, IIa, III | | | s | s | r | | s | r | |
| *Psaliodes castanea* Warren, 1904 | 524 | A, B | I, II, IIa, III | | r | s | + | r | s | | s | |
| *Psaliodes catenifera* Warren, 1907 | 496 | A, B | I, II, IIa, III | s | r | r | +++ | r | r | r | ++ | |
| *Psaliodes cedaza* Dognin, 1899 | 539 | A | II, IIa, III, IV | | | ++ | +++ | ++ | +++ | +++ | +++ | q |
| *Psaliodes* cf. *cedaza* #1 Dognin, 1899 | 544 | A | II, IIa, III | | | ++ | +++ | + | s | r | r | |
| *Psaliodes* cf. *cedaza* #2 Dognin, 1899 | 543 | A | II, III | | | | | | r | s | + | |
| *Psaliodes* cf. *cedaza* #3 Dognin, 1899 | 547 | A | II | | | s | | | | | | |
| *Psaliodes confusa* Warren, 1897 | 538 | A, B | I, II, IIa | | s | + | + | s | | | | |
| *Psaliodes* cf. *conimaculata* Dognin, 1910 | 519 | A | II, III | | | | | | s | | s | |
| *Psaliodes crassinota* Dognin, 1911 | 532 | A | II, IIa, III, IV | | | r | + | r | ++ | s | | q |
| *Psaliodes* cf. *crassinota* #1 Dognin, 1911 | 535 | A | III | | | | | | | r | ++ | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Psaliodes* cf. *crassinota* #2 Dognin, 1911 | 536 | | A, B | I, II | | s | s | | | | | | |
| *Psaliodes* cf. *cronia* Druce, 1893 | 490 | | A | II | | | r | | | | | | |
| *Psaliodes cupreipennis* Dognin, 1914 | 545 | | A | II, IIa, III | | | ++ | + | + | r | s | | |
| *Psaliodes cynthia* Druce, 1893 | 523 | | A, B | I, II, IIa | | s | s | +++ | ++ | | | | |
| *Psaliodes detractata* Walker, 1862 | 531 | | A | II, IIa, III | | | r | s | s | ++ | s | + | |
| *Psaliodes* cf. *disrupta* #1 Dognin, 1913 | 526 | | A | II, IIa, III | | | r | +++ | + | r | r | s | |
| *Psaliodes* cf. *disrupta* #2 Dognin, 1913 | 529 | | A | II, III | | | | | | + | s | s | |
| *Psaliodes endotrichiata* Snellen, 1874 | 502 | | A | III | | | | | | | r | | |
| *Psaliodes* cf. *endotrichiata* Snellen, 1874 | 499 | | A | II, IIa, III | | | s | + | s | s | +++ | ++ | |
| *Psaliodes fractifascia* Dognin, 1903 | 814 | | A, B | I, IV | | s | | | | | | | q |
| *Psaliodes fractilinea* Warren, 1904 | 806 | | A | II | | | | | | r | | | |
| *Psaliodes infantula* Warren, 1900 | 100 | | A | IIa, III | | | | r | | | | + | |
| *Psaliodes inundulata* Guenée, 1858 | 488 | | A, B | I, II, IIa, III | | s | ++ | +++ | +++ | s | r | | |
| *Psaliodes* cf. *inundulata* Guenée, 1858 | 865 | | A, B | I, IIa | s | r | | r | r | | | | |
| *Psaliodes liebra* Dognin, 1899 | 542 | | A | II, IIa, III | | | s | | s | s | r | ++ | |
| *Psaliodes lignosata* Walker, 1862 | 863 | | A | III | | | | | | | | s | |
| *Psaliodes magnipalpata* Dognin, 1901 | 506 | | A | II, III | | | s | | | s | r | + | |
| *Psaliodes miniata* Warren, 1904 | 509 | | A, B | I, II, IIa, III | s | | + | +++ | r | ++ | r | r | |
| *Psaliodes nexilinea* Warren, 1904 | 699 | | A | II, IIa | | | r | s | r | | | | |
| *Psaliodes nictitans* Warren, 1904 | 698 | | A, B | I, II, IIa, III | | s | r | r | r | +++ | +++ | r | |
| *Psaliodes nivestrota* Warren, 1907 | 2032 | | A | IIa | | | | s | r | | | | |
| *Psaliodes nodosa* Warren, 1904 | 527 | | A | II, III | | | | | | r | r | s | |
| *Psaliodes ocreata* Snellen, 1874 | 534 | | A, B | I, II, IIa, III | s | | +++ | +++ | +++ | r | r | r | |
| *Psaliodes oleagina* Dognin, 1911 | 507 | | A, B | I, II, III | | s | s | | | s | r | + | |
| *Psaliodes olivescens* Dognin, 1911 | 866 | | A | III | | | | | | | | s | |
| *Psaliodes ossicolor* Warren, 1904 | 867 | | A, B | I, II, IIa, III | r | | s | r | | s | | r | |
| *Psaliodes perfuscata* Bastelberger, 1907 | 541 | | A | II, IIa, III | | | + | ++ | r | ++ | +++ | +++ | |
| *Psaliodes pervasata* Warren, 1904 | 525 | | A | II | | | | | | r | | | |
| *Psaliodes* cf. *philetus* Schaus, 1912 | 393 | | A | IIa | | | | s | | | | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Psaliodes picta* Warren, 1904 | 540 | | A, B | I, II, IIa | s | | r | ++ | + | ++ | r | |
| *Psaliodes* cf. *picta* Warren, 1904 | 548 | | A | II, IIa, III | | | | | r | r | r | ++ |
| *Psaliodes* cf. *planiplaga* Warren, 1904 | 530 | | A | II, III | | | | | | | s | s |
| *Psaliodes plumbescens* Warren, 1904 | 521 | | A, B | I, II, IIa | s | | | | s | r | s | |
| *Psaliodes rica* Dognin, 1899 | 498 | | A, B | I, II, IIa, III | s | | | s | s | | + | r |
| *Psaliodes samaniegoi* Dognin, 1891 | 881 | | A | III | | | | | | | | |
| *Psaliodes semirasa* Warren, 1904 | 503 | | A | II, IIa | | | | s | r | r | | |
| *Psaliodes* cf. *semirasa* Warren, 1904 | 504 | | A | III | | | | | | | | + |
| *Psaliodes serratilinea* Warren, 1904 | 2033 | | A | IIa | | | | | s | | | |
| *Psaliodes* cf. *simplex* Schaus, 1912 | 864 | | A | III | | | | | | | | |
| *Psaliodes strigosa* Warren, 1904 | 518 | | A | II, IIa | | | | s | r | | | |
| *Psaliodes trilunata* Warren, 1904 | 533 | | A | II, IIa, III | | | | r | s | s | r | + |
| *Psaliodes tripartita* Warren, 1904 | 980 | | B | I | r | | | | | | | |
| *Psaliodes tripita* Dognin, 1899 | 701 | | A | III | | | | | | | | r |
| *Psaliodes* cf. *tripita* Dognin, 1899 | 497 | | A | II, IIa | | | | ++ | r | r | r | |
| plus 13 additional *Psaliodes* spp. | | | | | | | | | | | | |
| *Ptychorrhoe blosyrata confirmata* Dognin, 1892 | 444 | | A, B | I, II, IIa | s | | | s | r | | | |
| *Ptychorrhoe rayada* Dognin, 1893 | 815 | | A, B | I, IIa | | | r | | s | | | |
| *Rhinura populonia* Druce, 1893 | 437 | | A, B | I, II, IIa | | | r | s | ++ | + | | |
| *Rhinura* sp01 | 2153 | | A | IIa | | | | | ++ | r | | |
| *Rhopalodes* cf. *concinna* Dognin, 1911 | 712 | | B | I | r | | | | | | | |
| *Rhopalodes ebriola* Dognin, 1892 | 2114 | | A | IIa | | | | | | s | | |
| *Rhopalodes ligereza* Dognin, 1893 | 1020 | | A | III | | | | | | | | s |
| *Rhopalodes* sp01 | 443 | | A | II, IIa, III | | | | s | s | | ++ | s |
| *Scotopteryx fulminata* Dognin, 1893 | 33 | dn | A | IIa | | | | | r | r | | |
| *Smileuma plagifracta* Prout, 1910 | 513 | | A | II | | | | | | | r | |
| *Spargania caudata* Dognin, 1910 | 884 | | A | III | | | | | | | | s |
| *Spargania commutata* Dognin, 1910 | 2102 | | A | IIa | | | | | s | | | |
| *Spargania cultata* Guenée, 1858 | 448 | | A | II, IIa | | | | r | r | +++ | s | |
| *Spargania denguera* Dognin, 1893 | 2112 | | A | IIa | | | | | s | s | | |
| *Spargania flavolimbarioides* Dognin, 1894 | 454 | | A | III | | | | | | | | s |
| *Spargania* cf. *flavolimbarioides* Dognin, 1894 | 455 | | A | II | | | | | | | r | |
| *Spargania* cf. *intensa* Warren, 1904 | 467 | | A | II | | | | s | | | s | |
| *Spargania leucocyma* Warren, 1907 | 883 | | A | III | | | | | | | | r |
| *Spargania narangilla* Dognin, 1893 | 451 | | A, B | I, II, IIa | | | s | s | +++ | ++ | r | |
| *Spargania* cf. *perpendiculata* Dognin, 1910 | 2056 | | A | IIa | | | | | s | s | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Spargania rufifimbria* Warren, 1904 | 2053 | | A | IIa | | | | r | | | | | |
| *Spargania* sp01 | 789 | | A, B | I, IIa | | r | | s | r | | | | |
| *Spargania* sp02 | 2099 | | A | IIa | | | | + | s | | | | |
| *Spargania* sp03 | 2119 | | A | IIa | | | | s | | | | | |
| *Stamnodes anthocharidaria* Oberthür, 1881 | 2061 | | A | IIa | | | | | r | | | | |
| *Trichorrhages pizarrena* Dognin, 1893 | 325 | | A | II | | | | | | s | | | |
| *Trichozoma albidulata* Warren, 1904 | 982 | | A | III | | | | | | | | s | |
| *Trichozoma picaria* Bastelberger, 1909 | 447 | | A, B | I, II, IIa | | r | + | r | s | | | | |
| *Triphosa affirmata* Guenée, 1858 | 440 | | A | II, IIa, III | | | r | r | | | s | | |
| *Triphosa pallidivittata* Snellen, 1874 | 446 | | A | II | | | s | | | | | | |
| *Triphosa* sp01 | 481 | | A | III | | | | | | | s | | |
| plus 6 additional Larentiinae gen. & sp. indet. | | | | | | | | | | | | | |
| OENOCHROMINAE | | | | | | | | | | | | | |
| *Ergavia roseivena* Prout, 1910 | 824 | | B | I | + | | | | | | | | |
| *Racasta rhodosticta* Warren, 1904 | 196 | | A | II, IIa, III | | | s | r | | | s | | |
| *Racasta spatiaria* Guenée, 1858 | 195 | | A, B | I, II, IIa, III | s | s | | r | r | + | r | r | |
| STERRHINAE | | | | | | | | | | | | | |
| *Acratodes* sp01 | 1036 | | B | I | | s | | | | | | | |
| *Cyclophora acutaria* Walker, 1863 | 29 | | A | II, IIa | | | + | ++ | + | | | | |
| *Cyclophora coecaria* Herrich-Schäffer, 1870 | 28 | | A, B | I, II, IIa | s | + | r | ++ | ++ | | | | |
| *Cyclophora* sp01 | 630 | | A | II, IIa | | | s | r | | | | | |
| *Cyclophora* sp02 | 1076 | | A | II | | | s | | | | | | |
| *'Cyclophora' aequalipunctata* Dognin, 1901 | 2043 | | A | IIa | | | | r | r | | | | |
| *'Cyclophora' albidiscata* Warren, 1897 | 1038 | | B | I | | s | | | | | | | |
| *'Cyclophora' aurantiata aurantiata* Warren, 1904 | 6 | | A | II, IIa | | | | r | | + | | | |
| *'Cyclophora' costinotata* Warren, 1900 | 1 | | A | IIa, III | | | | r | | | s | | |
| *'Cyclophora' fastidiosa* Dognin, 1900 | 844 | | A | IIa, III | | | | r | s | | | + | |
| *'Cyclophora' flavicornis* Warren, 1906 | 3 | | A | II, IIa | | | s | s | | s | | | |
| *'Cyclophora' gigantula* Warren, 1904 | 15 | | A | II, IIa, III | | | r | | s | | | s | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *'Cyclophora' globaria* Guenée, 1858 | 13 | A | II, IIa, III | | | r | r | r | r | s | r |
| *'Cyclophora' gracililinea* Warren, 1907 | 8 | A | II, IIa, III | | | r | r | s | ++ | r | r |
| *'Cyclophora' granillosa* Dognin, 1893 | 4 | A | II, III | | | | | | r | + | s |
| *'Cyclophora' griseomixta griseomixta* Warren, 1907 | 5 | A | II, IIa | | | | s | r | r | | |
| *'Cyclophora' hieroglyphica* Warren, 1904 | 2029 | A | IIa | | | | s | | | | |
| *'Cyclophora' lancearia* Felder & Rogenhofer, 1875 | 11 | A | II, IIa, III | | | | r | r | r | s | |
| *'Cyclophora' lateritiaria* Herrich-Schäffer, 1855 | 2026 | A | IIa | | | | s | | | | |
| *'Cyclophora'* cf. *melitia* Druce, 1892 | 1039 | B | I | s | | | | | | | |
| *'Cyclophora' rhodostigma* Warren, 1904 | 16 | A | IIa, III | | | | r | | | r | s |
| *'Cyclophora'* cf. *rhodostigma* Warren, 1904 | 2086 | A | IIa | | | | | s | | | |
| *'Cyclophora' ruficeps* Warren, 1907 | 1079 | A | | | | q | | | | | |
| *'Cyclophora' rufulata* Warren, 1904 | 2010 | A | IIa | | | | r | r | | | |
| *'Cyclophora'* cf. *scintillans* Warren, 1907 | 2 | A | II | | | s | | | | | |
| *'Cyclophora' seposita* Prout, 1922 | 14 | A | IIa, III | | | | s | s | | s | |
| *'Cyclophora'* cf. *subaenescens* Warren, 1904 | 2025 | A | IIa | | | | s | | | | |
| *'Cyclophora' sypharia* Guenée, 1858 | 12 | A, B | I, II, IIa, III | s | | r | r | s | r | r | |
| *'Cyclophora' torsivena* Warren, 1904 | 17 | A, B | I, II, IIa, III | s | s | + | + | + | + | s | |
| *'Cyclophora'* cf. *torsivena* Warren, 1904 | 18 | A | II, IIa | | | s | s | | | | |
| *'Cyclophora' viator* Prout, 1920 | 845 | A | III | | | | | | | | r |
| *'Cyclophora'* sp03 | 418 | A | II | | | | | | s | | |
| *'Cyclophora'* sp04 | 843 | B | I | r | | | | | | | |
| *'Cyclophora'* sp05 | 1037 | B | I | s | | | | | | | |
| *Dithecodes distracta* Walker, 1861 | 44 | A, B | I, II, IIa | + | ++ | r | + | ++ | | | |
| *Euacidalia angusta* Warren, 1906 | 897 | B | I | | r | | | | | | |
| *Idaea arhostiodes* Warren, 1905 | 36 | A, B | I, II, IIa | s | s | + | +++ | +++ | | | |
| *Idaea* cf. *caudata* Warren, 1904 | 676 | B | I | s | | | | | | | |
| *Idaea fimbriata* Warren, 1900 | 40 | A, B | I, II, IIa | | r | r | r | + | s | | |
| *Idaea geminata* Warren, 1895 | 736 | B | I | s | | | | | | | |
| *Idaea* cf. *iridaria* Schaus, 1901 | 35 | A | II, IIa | | | +++ | ++ | +++ | + | | |
| *Idaea* cf. *pyraustaria* Guenée, 1858 | 31 | B | I | s | | | | | | | |
| *Idaea quadrirubata* Warren, 1897 | 41 | A, B | I, II, IIa | s | r | r | s | | s | | |
| *Idaea recrinita* Prout, 1926 | 34 | A, B | I, II, IIa, III | r | r | +++ | +++ | +++ | +++ | +++ | r |
| *Idaea* cf. *subvestita* Warren, 1897 | 37 | A, B | I, II, IIa | r | s | r | +++ | ++ | | | |
| *Idaea* cf. *triangulata* Warren, 1906 | 634 | B | I, II, IIa, III | s | r | | r | r | s | s | |
| *Idaea xanthodeta* Prout, 1917 | 969 | A | III | | | | | | | | ++ |
| plus 5 additional *Idaea* spp. | | | | | | | | | | | |

| | ID number | Diurnal activity | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, early succession | 1800–2000 m, late succession | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Lobocleta costalis* Dyar, 1910 | 38 | | A, B | I, II, IIa | r | + | r | s | s | | | | |
| *Odontoptila mimica* Dognin, 1902 | 373 | | A | II, IIa | | | s | | s | | | | |
| *Pleuroprucha* sp01 | 972 | | A, B | I, IIa, III | r | | | +++ | +++ | | | s | |
| *Pleuroprucha* sp02 | 2121 | | A | IIa | | | | s | s | | | | |
| *Ptychamalia nubila* Dognin, 1900 | 1035 | | B | I | r | r | | | | | | | |
| *Scopula privata* Walker, 1861 | 880 | | A, B | I, IIa | | s | | r | | | | | |
| *Scopula* cf. *subquadrata* Guenée, 1858 plus 7 additional *Scopula* spp. | 27 | | A, B | I, II, IIa | | r | ++ | ++ | ++ | s | | | |
| *Semaeopus bimacula* Warren, 1897 | 713 | | A, B | I, IIa | | +++ | | s | | | | | |
| *Semaeopus bottgeri* Warren, 1904 | 2023 | | A | IIa | | | | r | | | | | |
| *Semaeopus calavera* Dognin, 1897 | 20 | | A, B | I, II, IIa | r | s | s | + | + | | | | |
| *Semaeopus dentilinea* Warren, 1900 | 23 | | A, B | I, II, IIa, III | s | | r | +++ | s | + | r | | |
| *Semaeopus hypoderis* Prout, 1917 | 1000 | | A, B | I, IIa | s | | | r | | | | | |
| *Semaeopus ladrilla* Dognin, 1893 | 22 | | A | II, IIa, III | | | | r | s | r | s | r | |
| *Semaeopus miniata* Druce, 1899 | 111 | | B | I | r | | | | | | | | |
| *Semaeopus mira* Prout, 1931 | 2062 | | A | IIa | | | | s | | | | | |
| *Semaeopus rubida* Warren, 1897 | 2011 | | A | IIa | | | | r | r | | | | |
| *Semaeopus semibrunnea* Warren, 1906 | 728 | | B | I | s | | | | | | | | |
| *Semaeopus verbena* Dognin, 1893 | 21 | | A | II, IIa, III | | | | r | | r | r | | |
| *Semaeopus* sp01 | 783 | | A | II, IIa | | | r | r | r | | | | |
| *Semaeopus* sp02 | 795 | | B | I | | s | | | | | | | |
| *Semaeopus* sp03 | 24 | | B | I | s | | | | | | | | |
| *Smicropus ochra* Druce, 1899 | 1064 | d | A | | q | | | | | | | | |
| *Tricentra allotmeta* Prout, 1917 | 1075 | | A | IIa | | | | r | s | | | | |
| *Tricentra* cf. *ascantia* Druce, 1892 | 43 | | A | II, IIa, III | | | | r | s | s | r | | |
| *Tricentra commixta* Warren, 1905 | 804 | | B | I | s | s | | | | | | | |
| *Tricentra gavisata* Walker, 1863 | 714 | | A, B | I, II, IIa | r | | s | r | | | | | |
| *Tricentrogyna collustrata* Snellen, 1874 | 42 | | A, B | I, II, IIa, III | | r | + | +++ | +++ | | r | r | |
| *Tricentrogyna nigricosta* Warren, 1904 plus 1 additional Sterrhinae gen. & sp. indet. | 39 | | A, B | I, II, IIa | s | r | r | ++ | ++ | s | | | |

| | Locality | Elevation (range in m) | Vegeta-tion type | Fre-quency | Choro-type | Degree of Novelty |
|---|---|---|---|---|---|---|
| **LEPIDOPTERA** | | | | | | |
| **Hedylidae** | | | | | | |
| *Macrosoma coscoja* (Dognin, 1900) | B | 1000-1200 | I | s | A-s | - |
| *Macrosoma nigrimacula* (Warren, 1897) | B | 1000-1200 | I | s | Am-C, S | - |
| *Macrosoma subornata* (Warren, 1904) | A | 1900-1970 | IIa | r | A-s | - |
| **Uraniidae** | | | | | | |
| *Homidiana* cf. *restincta* Strand | B | 1800-2100 | IIa | s | | - |
| *Homidiana tangens* Strand | A | 1750-1800 | II | s | | - |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, disturbed | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LEPIDOPTERA** | | | | | | | | | | | |
| **Pyraloidea** | | | | | | | | | | | |
| 4 subfamily & gen. & sp. indet. | | | | | | | | | | | |
| **Crambidae** | | | | | | | | | | | |
| CRAMBINAE | | | | | | | | | | | |
| *Argyria mesodonta* Zeller, 1877 | 63 | A | III | | | | | | + | r | |
| *Argyria opposita* Zeller, 1877 | 543 | A | IIa | | | | s | | | | |
| *Argyria* sp01 | 62 | A, B | I, II, III | s | | ++ | | +++ | +++ | r | |
| *Argyria* sp02 | 61 | A | II, III | | | | | r | ++ | ++ | |
| *Argyria* sp03 | 544 | B | I | s | | | | | | | |
| *Chilo/Diatraea* sp01 | 548 | A | III | | | | | | | r | |
| *Chilo/Diatraea* sp02 | 98 | A | II | | | r | | s | | | |
| *Chilo/Diatraea* sp03 | 97 | A, B | I, II | + | s | + | | | | | |
| *Crambus* sp01 | 154 | A | II, IIa, III | | | + | r | + | r | r | |
| *Diatraea lineolata* Walker, 1856 | 609 | B | I | | s | | | | | | |
| *Erupa* cf. *argentilinea* Druce, 1910 | 72 | A | II | | | + | | r | | | |
| *Micrelephas chalybeus* Landry, 2003 | 435 | A | II | | | | | r | | | |
| *Micrelephas crassipalpis* Dognin, 1905 | 88 | A, B | I, II, IIa, III | s | | r | s | ++ | r | | |
| *Micrelephas gaskini* Landry, 2003 | 89 | A | II, III | | | | | s | + | s | |
| *Micrelephas pseudokadenii* Landry, 2003 | 90 | A | II | | | r | | r | | | |
| plus additional 22 gen. & sp. indet. | | | | | | | | | | | |
| CYBALOMIINAE | | | | | | | | | | | |
| 3 gen. & sp. indet. | | | | | | | | | | | |
| EVERGESTINAE | | | | | | | | | | | |
| *Trischistognatha palindalis* Guenée, 1854 | 69 | A, B | I, II, IIa, III | r | r | r | r | r | | r | |
| *Trischistognatha* sp01 | 112 | A | II, III | | | | | s | | s | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GLAPHYRIINAE | | | | | | | | | | | |
| *Aethiophysa* sp01 | 217 | A, B | I, II, IIa, III | ++ | s | ++ | s | s | r | | |
| *Eupoca bifascialis* Walker, 1863 | 136 | A, B | I, II | +++ | r | +++ | | ++ | | | |
| *Psephis myrmidonalis* Guenée, 1854 | 228 | A, B | I, II, III | s | | + | | r | s | | |
| plus 5 additional gen. & sp. indet. | | | | | | | | | | | |
| MIDILINAE | | | | | | | | | | | |
| *Midila poppaea* Munroe, 1970 | 380 | B | I | r | | | | | | | |
| MUSOTIMINAE | | | | | | | | | | | |
| *Neurophyseta clymenalis* Walker, 1859 | 29 | A, B | I, II, III | ++ | +++ | r | | | r | | |
| plus 10 additional *Neurophyseta* spp. | | | | | | | | | | | |
| plus 19 additional gen. & sp. indet. | | | | | | | | | | | |
| NYMPHULINAE | | | | | | | | | | | |
| *Aulacodes* 5 spp. | | | | | | | | | | | |
| *Chrysendeton* sp01 | 515 | B | I | s | r | | | | | | |
| *Parapoynx diminutalis* Snellen, 1880 | 11 | A | II | | | | | s | | | |
| *Petrophila* 20 spp. | | | | | | | | | | | |
| plus 1 additional gen. & sp. indet. nym01 | | | | | | | | | | | |
| ODONTIINAE | | | | | | | | | | | |
| *Cliniodes* cf. *saburralis* Guenée, 1854 | 60 | A, B | I, II, III | | s | + | | + | +++ | | |
| *Cliniodes* sp02 | 59 | A | II, III | | | r | | +++ | +++ | r | |
| *Cliniodes* sp13 | 279 | A, B | I, II, III | s | | | | s | r | +++ | |
| plus 3 additional gen. & sp. indet. | | | | | | | | | | | |
| PYRAUSTINAE | | | | | | | | | | | |
| *Agathodes designalis* Guenée, 1854 | 466 | A, B | I, II | r | | s | | | | | |
| *Anania* sp01 | 210 | A | II, III | | | r | | r | ++ | s | |
| *Anania* sp02 | 399 | A, B | I, II, III | r | | s | | | s | r | |
| *Anarmodia arcadiusalis* Schaus, 1924 | 436 | A, B | I, IIa | r | | | s | | | | |
| *Anarmodia* cf. *lojalis* Schaus, 1924 | 35 | A, B | I, II, IIa, III, IV | r | r | +++ | +++ | +++ | +++ | ++ | r |
| plus 5 additional *Anarmodia* spp. | | | | | | | | | | | |
| *Apogeshna stenialis* Guenée, 1854 | 625 | B | I | + | r | | | | | | |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, disturbed | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Ategumia matutinalis* Guenée, 1854 | 255 | A, B | I, II | + | s | r | | | | | |
| *Azochis* 5 spp. | | | | | | | | | | | |
| *Blepharomastix* sp01 | 342 | B | I | r | s | | | | | | |
| *Bocchoris darsanalis* Druce, 1895 | 254 | A, B | I, II | s | | + | | | | | |
| *Conchylodes salamisalis* Druce, 1895 | 84 | A, B | I, II | s | r | ++ | | | | | |
| *Conchylodes zebra* Sepp, 1850 | 368 | B | I | r | | | | | | | |
| *Desmia bajulalis* Guenée, 1854 | 386 | B | I | r | r | | | | | | |
| *Desmia cristinae* Schaus, 1912 | 378 | B | I | r | | | | | | | |
| *Desmia geminalis* Snellen, 1875 | 261 | A, B | I, II | +++ | +++ | r | | s | | | |
| *Desmia pentodontalis* Hampson, 1899 | 265 | B | I | + | r | | | | | | |
| *Desmia tages* Cramer, 1777 | 439 | A, B | I, II | r | ++ | s | | | | | |
| plus 13 additional *Desmia* spp. | | | | | | | | | | | |
| *Diacme oriolalis* Guenée, 1854 | 448 | B | I | r | + | | | | | | |
| *Diacme* sp01 | 546 | B | I | + | r | | | | | | |
| *Diacme* sp02 | 359 | B | I | + | r | | | | | | |
| *Diaphania auricollis* Snellen, 1875 | 389 | A, B | I, II | s | s | r | | | | | |
| *Diaphania costata* Fabricius, 1794 | 341 | A | II, IIa, III | | | r | s | | s | r | |
| *Diaphania euryzonalis* Hampson, 1912 | 367 | A, B | I, IIa | + | + | | s | | | | |
| *Diaphania exclusalis* Walker, 1866 | 397 | B | I | ++ | ++ | | | | | | |
| *Diaphania fumosalis* Guenée, 1854 | 251 | A, B | I, II, IIa, III | + | | s | s | | s | r | |
| *Diaphania glauculalis* Guenée, 1854 | 43 | A, B | I, II, IIa, III | +++ | r | +++ | +++ | +++ | +++ | +++ | |
| *Diaphania innotata* Druce, 1895 | 44 | A, B | I, II, IIa, III | + | r | ++ | r | r | + | +++ | |
| *Diaphania latilimbalis* Guenée, 1854 | 115 | A, B | I, II | s | | s | | | | | |
| *Diaphania nitidalis* Cramer, 1781 | 114 | A, B | I, II, III | + | + | r | | s | s | | |
| *Diaphania taenialis* Dognin, 1905 | 214 | A, B | I, II, III | ++ | + | r | | | s | | |
| plus 4 additional *Diaphania* spp. | | | | | | | | | | | |
| *Diasemiodes* sp01 | 319 | A, B | I, II | | s | s | | | | | |
| *Diasemiopsis* sp01 | 517 | A | IIa | | | | s | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| *Eulepte* sp01 | 737 | B | I | r | s | | | | | |
| *Glyphodes extorris* Dognin, 1905 | 271 | A, B | I, II | r | ++ | r | | | | |
| *Glyphodes grandisalis* Druce, 1902 | 270 | A, B | I, II | r | | r | | | | |
| *Glyphodes rubrocinctalis* Guenée, 1854 | 369 | B | I | + | s | | | | | |
| *Glyphodes serosalis* Dognin, 1897 | 215 | A | II | | | r | | | | |
| *Glyphodes sibillalis* Walker, 1859 | 281 | A, B | I, II, IIa | + | +++ | r | r | r | | |
| *Glyphodes* sp01 | 476 | A | IIa, III | | | | s | | s | r |
| *Goniorhynchus salaconalis* Druce, 1895 | 370 | A, B | I, II | ++ | | r | | | | |
| *Gonocausta zephyralis* Lederer, 1863 | 444 | B | I | + | | | | | | |
| *Gonocausta* sp01 | 472 | A, B | I, II | r | r | r | | | | |
| *Herpetogramma* cf. *infuscalis* Guenée, 1854 plus 4 additional *Herpetogramma* spp. | 403 | A, B | I, IIa, III | + | r | | s | | | r |
| *Hoterodes ausonia* Cramer, 1777 | 289 | B | I | r | s | | | | | |
| *Hyalea* sp01 | 212 | A, B | I, II | s | | r | | | | |
| *Hymenia perspectalis* Hübner, 1796 | 109 | A, B | I, II, IIa, III | +++ | +++ | ++ | ++ | | r | r |
| *Leucochromodes saltigalis* Druce, 1895 | 698 | B | I | ++ | | | | | | |
| *Lineodes* sp01 | 545 | B | I | r | | | | | | |
| *Lygropia* sp01 | 477 | A, B | I, II | s | | s | | | | |
| *Maruca vitrata* Fabricius, 1787 | 266 | A, B | I, II, IIa, III | r | ++ | r | s | | s | |
| *Megaphysa herbiferalis* Guenée, 1854 | 209 | A, B | I, II, III | r | | ++ | | r | | s |
| *Microthyris anormalis* Guenée, 1854 | 269 | B | I | +++ | + | | | | | |
| *Microthyris* sp01 | 272 | B | I | r | | | | | | |
| *Microthyris* sp02 | 626 | B | I | | r | | | | | |
| *Mimorista botydalis* Guenée, 1854 | 606 | B | I | r | | | | | | |
| *Neoleucinodes elegantalis* Guenée, 1854 | 122 | A, B | I, II, IIa, III | | s | + | s | ++ | r | |
| *Omiodes* sp01 | 257 | B | I | ++ | | | | | | |
| *Omiodes* sp02 | 348 | B | I | + | | | | | | |
| *Palpita quadristigmalis* Guenée, 1854 | 45 | A, B | I, II, IIa, III | + | +++ | +++ | +++ | r | + | ++ |
| *Pantographa acoetesalis* Walker, 1859 | 288 | B | I | + | + | | | | | |
| *Pantographa expansalis* Lederer, 1863 | 398 | A, B | I, II | r | +++ | s | | | | |
| *Pantographa* sp01 | 726 | B | I | | r | | | | | |
| *Phostria varialis* Walker, 1862 | 371 | B | I | r | | | | | | |
| *Pilocrocis ramentalis* Lederer, 1863 | 296 | A, B | I, II, IIa | ++ | ++ | r | s | | | |
| *Plectrona dohrnii* Snellen, 1881 | 384 | B | I | ++ | +++ | | | | | |
| *Pleuroptya silicalis* Guenée, 1854 | 58 | A, B | I, II, IIa | ++ | +++ | r | s | | | |

| | ID number | Localities | Vegetation types | 1000–1200 m | 1200–1400 m | 1800–2000 m | 1800–2000 m, disturbed | 2000–2200 m | 2200–2400 m | 2500–2700 m | 3140 m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Pleuroptya* sp01 | 57 | A, B | I, II, IIa | r | + | +++ | s | | | | |
| *Pleuroptya* sp02 | 56 | A | II | | | + | | r | | | |
| *Polygrammodes elevata* Fabricius, 1794 | 492 | B | I | r | | | | | | | |
| *Polygrammodes ostrealis* Guenée, 1854 | 736 | B | I | s | | | | | | | |
| *Polygrammodes* sp01 | 734 | B | I | r | s | | | | | | |
| *Prenesta latifascialis* Snellen, 1875 | 276 | B | I | +++ | ++ | | | | | | |
| *Prenesta scyllalis* Walker, 1859 | 373 | B | I | r | r | | | | | | |
| *Prenesta* sp01 | 452 | B | I | r | | | | | | | |
| *Psara dryalis* Walker, 1859 | 375 | B | I | ++ | r | | | | | | |
| *Pyrausta* 5 spp. | | | | | | | | | | | |
| *Rhectosemia* sp1 | 86 | A, B | I, II | ++ | r | r | | r | | | |
| *Rhectosemia* sp2 | 85 | A | II | | | r | | | | | |
| *Sacculosia isaralis* Felder & Rogenhofer, 1875 | 623 | B | I | ++ | | | | | | | |
| *Salbia interruptalis* Amsel, 1956 | 650 | B | I | + | + | | | | | | |
| plus 5 additional *Salbia* spp. | | | | | | | | | | | |
| *Samea ecclesialis* Guenée, 1854 | 194 | A | II | | | r | | | | | |
| *Samea* sp01 | 101 | A, B | I, II, IIa | | r | s | r | s | | | |
| *Sparagmia gonoptera* Latreille, 1828 | 38 | A, B | I, II, IIa, III | + | | s | r | | s | | |
| *Spoladea recurvalis* Fabricius, 1775 | 110 | A | III | | | | | | s | | |
| *Syllepis latimarginalis* Munroe, 1970 | 482 | A | II | | | s | | | | | |
| *Syllepis semifuneralis* Munroe, 1970 | 123 | A, B | I, II | | s | r | | | | | |
| *Syllepis* sp01 | 379 | B | I | s | | | | | | | |
| *Synclera* sp01 | 234 | A, B | I, II | + | | s | | | | | |
| *Trichaea pilicornis* Herrich-Schäffer, 1866 | 280 | B | I | r | s | | | | | | |
| *Trichaea* sp01 | 347 | B | I | +++ | ++ | | | | | | |
| *Trichaea* sp02 | 731 | A, B | I, IIa | +++ | | | s | | | | |
| *Trithyris flavifimbria* Dognin, 1905 | 689 | B | I | + | r | | | | | | |
| *Triuncidia ossealis* Hampson, 1899 | 188 | A, B | I, II | r | +++ | ++ | | s | | | |
| *Triuncidia* sp01 | 51 | A, B | I, II, IIa, III | r | | ++ | + | r | r | r | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Udea angustalis* Dognin, 1905 | 361 | B | I | r | | | | | |
| *Udea annectans* Munroe, 1974 | 225 | A | II | | | s | | | |
| *Udea* sp01 | 223 | A | II, III | | | r | + | +++ | + |
| *Udea* sp02 | 748 | A | III | | | | | | r |
| *Udea* sp03 | 700 | A | III | | | | | | r |
| *Zenamorpha discophoralis* Hampson, 1899 | 111 | A, B | I, II | + | r | + | r | | |
| plus additional 368 gen. & sp. indet. | | | | | | | | | |
| SCHOENOBIINAE | | | | | | | | | |
| 5 gen. & sp. indet. | | | | | | | | | |
| SCOPARIINAE | | | | | | | | | |
| *Eudonia* sp01 | 770 | A, B | I, III | s | | | | | +++ |
| *Eudonia* sp02 | 775 | A | III | | | | | | +++ |
| plus 16 additional gen. & sp. indet. | | | | | | | | | |
| **Pyralidae** | | | | | | | | | |
| CHRYSAUGINAE | | | | | | | | | |
| *Caphys* 7 spp. | | | | | | | | | |
| plus 5 additional gen. & sp. indet. | | | | | | | | | |
| EPIPASCHIINAE | | | | | | | | | |
| 18 gen. & sp. indet. | | | | | | | | | |
| GALLERIINAE | | | | | | | | | |
| 10 gen. & sp. indet. | | | | | | | | | |
| PHYCITINAE | | | | | | | | | |
| 61 gen. & sp. indet. | | | | | | | | | |
| PYRALINAE | | | | | | | | | |
| *Catocrocis lithosialis* Ragonot, 1891 | 190 | A | III | | | | | s | |
| *Dolichomia* sp01 | 776 | A | II | | | s | | | |
| *Dolichomia* sp02 | 701 | B | I | s | | | | | |
| *Dolichomia* sp03 | 479 | A | II | | | s | | | |

| | Locality | Elevation (range in m) | Vegetation type | Frequency | Chorotype | Degree of Novelty |
|---|---|---|---|---|---|---|
| **LEPIDOPTERA** | | | | | | |
| **Sphingidae** | | | | | | |
| SPHINGINAE | | | | | | |
| *Adhemarius gannascus* (Stoll, 1790) | A | 1800-1900 | IIa | r | Am-C, S | - |
| *Adhemarius sexoculata* (Grote, 1865) | A | 1800-2500 | IIa, III | r | Am-S | - |
| *Adhemarius tigrina* (Felder, [1874]) | B | 1000-1200 | I | s | A | - |
| *Adhemarius ypsilon* (Rothschild & Jordan, 1903) | B | 1000-1200 | I | s | Am-C, S | - |
| *Cocytius duponchel* (Poey, 1832) | B | 1000-1200 | I | s | Am-C, S | - |
| *Euryglottis aper* (Walker, 1865) | A | 1800-1900 | IIa | + | A | - |
| *Manduca* cf. *pellenia* (Herrich-Schäffer, [1854]) | A | 1800-1900 | IIa | r | Am-C, S | - |
| *Protambulyx euryalus* Rothschild & Jordan, 1903 | A | 1800-1900 | IIa | r | A | - |
| *Protambulyx strigilis* (Linnaeus, 1771) | A | 1800-1900 | IIa | r | Am | - |
| MACROGLOSSINAE | | | | | | |
| *Aellopos ceculus* (Cramer, 1777) | B | 1000-1200 | I | s | Am-S | - |
| *Erinnyis lassauxii* (Boisduval, 1859) | A | 1800-1900 | IIa | r | Am | - |
| *Erinnyis oenotrus* (Cramer, 1780) | A | 1800-1900 | IIa | r | Am | - |
| *Eumorpha triangulum* (Rothschild & Jordan, 1903) | A | 1800-1900 | IIa | s | Am-C, S | - |
| *Nyceryx hyposticta* (Felder, [1874]) | A | 1800-1900 | IIa | s | Am-S | - |
| *Pachylia syces* (Hübner, [1819]) | B | 1000-1200 | I | r | Am-C, S | - |
| *Pachyliodes resumens* (Walker, 1856) | B | 1000-1200 | I | r | Am | - |
| *Perigonia stulta* Herrich-Schäffer, [1854] | A | 1800-2500 | IIa, III | r | Am-C, S | - |
| *Pseudosphinx tetrio* (Linnaeus, 1771) | A | 1800-1900 | IIa | r | Am | - |
| *Xylophanes ceratomioides* (Grote & Robinson, 1867) | A, B | 1000-2500 | I, II, IIa, III | ++ | Am-C, S | - |
| *Xylophanes chiron* (Drury, 1773) | A | 1800-1900 | IIa | r | Am-C, S | - |
| *Xylophanes crotonis* (Walker, 1856) | A | 1800-2500 | II, IIa, III | ++ | Am-C, S | - |
| *Xylophanes docilis* (Butler, 1875) | A, B | 1000-1900 | I, II, Iia | ++ | A | - |
| *Xylophanes dolius* Rothschild & Jordan, 1906 | B | 1000-1200 | I | r | A | - |
| *Xylophanes fusimacula* (Felder, [1874]) | B | 1000-1200 | I | ++ | Am-S | - |
| *Xylophanes germen* (Schaus, 1890) | B | 1000-1200 | I | r | AM-C, S | - |
| *Xylophanes libya* (Druce, 1878) | B | 1000-1200 | I | s | Am-C, S | - |
| *Xylophanes ockendeni* Rothschild, 1904 | A | 1800-1900 | IIa | s | A | - |
| *Xylophanes pluto* (Fabricius, 1777) | B | 1000-1200 | I | s | Am | - |
| *Xylophanes pyrrhus* Rothschild & Jordan, 1906 | A | 1800-1900 | IIa | r | Am-S | - |
| *Xylophanes resta* Rothschild & Jordan, 1903 | A | 1800-1900 | IIa | r | Am-S | nE? |
| *Xylophanes rhodochlora* Rothschild & Jordan, 1903 | A | 2100-2400 | II | s | A | - |
| *Xylophanes rothschildi* (Dognin, 1895) | A, B | 1000-1900 | I, IIa | r | A | - |
| *Xylophanes schwartzi* Haxaire, 1992 | A | 1800-2300 | II, III | r | End | -. |
| *Xylophanes tersa* (Linnaeus, 1771) | A | 1800-1900 | IIa | r | Am | - |
| *Xylophanes titana* (Druce, 1878) | B | 1000-1200 | I | r | Am-C, S | - |
| *Xylophanes undata* Rothschild & Jordan, 1903 | B | 1000-1200 | I | + | A | - |

| | Locality | Elevation (range in m) | Vegetation type | Frequency | Chorotype | Degree of Novelty |
|---|---|---|---|---|---|---|
| **LEPIDOPTERA** | | | | | | |
| **Saturniidae** | | | | | | |
| OXYTENINAE | | | | | | |
| *Homoeopteryx major* Jordan, 1924 | A | 1800-2400 | II, III | r | | – |
| *Oxytenis albilunulata* Schaus, 1912 | A, B | 1000-2100 | I, II | + | | – |
| *Oxytenis* sp. 1 | B | 1000-1200 | I | s | | – |
| *Oxytenis* sp. 2 | B | 1000-1200 | I | r | | – |
| *Therinia amphira* (Druce, 1890) | B | 1000-1400 | I | r | | – |
| *Therinia lactucina* (Cramer, 1780) | B | 1000-1200 | I | r | | – |
| CERCOPHANINAE | | | | | | |
| *Janiodes bethulia* (Druce, 1904) | A | 2200-2400 | III | ++ | | – |
| *Janiodes ecuadorensis* (Dognin, 1890) | A | 1800-2400 | II, III | ++ | | – |
| *Janiodes laverna* (Druce, 1890) | A | 1800-2200 | II | r | | – |
| ARSENURINAE | | | | | | |
| *Paradaemonia* nr. *andensis* (Rothschild, 1907) | A | 1800-2100 | II | r | | **nE** |
| CERATOCAMPINAE | | | | | | |
| *Bathyphlebia flavior* Oiticica & Michener, 1950 | A | 1800-2100 | II | s | | – |
| HEMILEUCINAE | | | | | | |
| *Automeris abdominalis* (Felder & Rogenhofer, 1874) | A | 2300 | III | s | | – |
| *Automeris* nr. *abdominalis* (Felder & Rogenhofer, 1874) | A | 1800-2100 | II | s | | – |
| *Automeris* nr. *jivaros* Dognin, 1898 | A | 1800-2200 | II | r | | – |
| *Automeris pomifera* Schaus, 1906 | A | 1800-2300 | II | r | | – |
| *Automeris* nr. *vomona* Schaus, 1906 | A | 2300-2400 | III | + | | – |
| *Cerodirphia brunnea brunnea* (Draudt, 1930) | B | 1000-1200 | I | s | | – |
| *Cerodirphia cutteri* (Schaus, 1927) | A | 1800-2100 | II | r | | – |
| *Dirphia avia* (Stoll, 1780) | B | 1000-1200 | I | s | | – |
| *Dirphia horca* Dognin, 1894 | B | 1000-1200 | I | s | | – |
| *Dirphia somniculosa confluens* Bouvier, 1930 | A | 2100-2300 | II | + | | – |
| *Dirphiopsis unicolor* Lemaire, 1982 | A | 1800-2100 | II | r | | – |
| *Gamelia neidhoeferi* Lemaire, 1967 | A | 1800-2400 | II, III | ++ | | – |
| *Gamelia viettei* Lemaire, 1967 | B | 1000-1200 | I | s | | – |
| *Hirpida gaujoni* (Dognin, 1894) | A | 1800-2100 | II | r | | – |
| *Hylesia andensis* Lemaire, 1988 | A | 1850 | II | s | | – |
| *Hylesia bouvereti* Dognin, 1889 | A | 1800-2100 | II | ++ | | – |
| *Hylesia* nr. *canitia* (Cramer, 1780) / *leilex* Dyar, 1913 | B | 1000-1200 | I | s | | – |

| | Locality | Elevation (range in m) | Vegetation type | Frequency | Chorotype | Degree of Novelty |
|---|---|---|---|---|---|---|
| *Hylesia olivenca* Schaus, 1927 | B | 1000-1200 | I | +++ | | – |
| *Leucanella contei* (Lemaire, 1967) | A | 1850 | II | r | | – |
| *Leucanella lynx* (Bouvier, 1930) | A | 2200 | III | s | | – |
| *Lonomia achelous achelous* (Cramer, 1777) | B | 1000-1200 | I | r | | – |
| *Periga galbimaculata* (Lemaire, 1972) | B | 1000-1200 | I | s | | – |
| *Periga occidentalis* (Lemaire, 1972) | A | 2250 | III | s | | – |
| *Periga parvibulbacea* (Lemaire, 1972) | B | 1000-1200 | I | s | | – |
| *Pseudautomeris chinchipensis* Racheli & Racheli, 2006 | A | 2200 | II | r | | S |
| *Pseudautomeris irene armirene* (Strand, 1920) | B | 1000-1200 | I | s | | – |
| *Pseudautomeris zamora* Racheli & Racheli, 2006 | A | 2100-2400 | II, III | ++ | | S |
| *Pseudodirphia* nr. *agis* (Cramer, 1775) | B | 1000-1200 | I | r | | – |
| *Pseudodirphia andicola* Bouvier, 1930 | A, B | 1000-2100 | I, II | + | | – |
| *Pseudodirphia biremis* (Draudt, 1930) | A | 1750-2100 | II | r | | – |
| *Pseudodirphia thiaucourti* Lemaire, 1982 | B | 1000-1200 | I | ++ | | – |
| *Pseudodirphia uniformis* (Lemaire, 1975) | B | 1000-1200 | I | s | | – |