

BOMBYCOIDEA

Family: Bombycidae

| Taxon | Original name | Author, year, page | Type |
|----------------------|----------------------------------|---------------------------|-------------|
| <i>andracoides</i> | <i>Mustilizans andracoides</i> | Zolothuin, 2007: 187 | HT, PT |
| <i>attacina</i> | <i>Mustilia attacina</i> | Zolothuin, 2007: 187 | PT |
| <i>craptalis</i> | <i>Mustilia craptalis</i> | Zolothuin, 2007: 187 | HT, PT |
| <i>eitschbergeri</i> | <i>Mustilizans eitschbergeri</i> | Zolothuin, 2007: 187 | PT |
| <i>pai</i> | <i>Mustilia pai</i> | Zolothuin, 2007: 187 | HT |
| <i>sabriliformis</i> | <i>Mustilia sabriliformis</i> | Zolothuin, 2007: 187 | PT |
| <i>sinjaevi</i> | <i>Mustilizans sinjaevi</i> | Zolothuin, 2007: 187 | PT |

Reference:

Zolothuin, Vadim V. (2007): A revision of the genus *Mustilia* Walker, 1865, with descriptions of new taxa (Lepidoptera, Bombycidae). - Neue Ent. Nachr. 60: 187-205.

Family: Brahmaeidae

| Taxon | Original name | Author, year, page | Type |
|-------------------|---------------------------------|---------------------------|-------------|
| <i>miraculosa</i> | <i>Calliprogonos miraculosa</i> | Mell, 1937: 9 | ST |

Reference:

Mell, R. (1937): Beiträge zur Fauna sinica. XIV. Ergänzungen zur Sphingiden-, Brahmaeiden- und Eupterotidenfauna Chinas (Lep.). - Dt. Ent. Z. (1,2): 1-19.

Family: Eupterotidae

| Taxon | Original name | Author, year, page | Type |
|---------------------|---|---------------------------|-------------|
| <i>alticola</i> | <i>Apona yunnanensis alticola</i> | Mell, 1937: 15 | ST |
| <i>hönei</i> | <i>Apona hönei</i> | Mell, 1937: 15 | HT |
| <i>hönei</i> | <i>Apha tychoona hönei</i> | Mell, 1937: 14 | ST |
| <i>longipennata</i> | <i>Ganisa longipennata</i> | Mell, 1958: 211 | HT |
| <i>mosoensis</i> | <i>Palirisa cervina mosoensis</i> (incl. f. <i>curvilineata</i> , f. <i>angustifasciata</i> , f. <i>chocolatina</i> , f. <i>significata</i> , f. <i>shensiensis</i>) | Mell, 1937: 18 | ST |
| <i>taipeishanis</i> | <i>Palirisa taipeishanis</i> | Mell, 1937: 17 | ST |
| <i>yunnanensis</i> | <i>Apha subdives yunnanensis</i> | Mell, 1937: 13 | ST |

References:

Mell, R. 1937. Beiträge zur Fauna sinica. XIV. Ergänzungen zur Sphingiden-, Brahmaeiden- und Eupterotidenfauna Chinas (Lep.). - Dt. Ent. Z. (1,2): 1-19.

Mell, R. 1958. Zur Geschichte der ostasiatischen Lepidopteren. I. Die Hebung Zentralasiens, das westchinesische Refugium zentralasiatischer Abkömmlinge und die Verbreitungssachse Sikkim/Kashiaberge - Zentralformosa (Achse V). Beiträge zur Fauna sinica XXV. - Dt. Ent. Z. (N.F.) 5 (1/2): 185-213.

Family: Lasiocampidae

| Taxon | Original name | Author, year, page | Type |
|---------------------|--|--|-------------|
| <i>atrilineis</i> | <i>Dendrolimus atrilineis</i> | Lajonquière, 1973: 539 | HT, PT |
| <i>backi</i> | <i>Paralebeda urda backi</i> | Lajonquière, 1989: 25 | HT |
| <i>bhutata</i> | <i>Gorgonella bhutata</i> | Zolotuhin, in Zolotuhin & Witt, 2000: 46 | HT, PT |
| <i>brachma</i> | <i>Euthrix brachma</i> | Zolotuhin, 1996b: 374 | HT |
| <i>clarilimbata</i> | <i>Hoemimnema clarilimbata</i> | Lajonquière, 1973b: 571 | HT, PT |
| <i>gejra</i> | <i>Micropacha (Triolla) gejra</i> | Zolotuhin, 2000: 159 | HT, PT |
| <i>gemella</i> | <i>Metanastria gemella</i> | Lajonquière, 1979a: 686 | PT |
| <i>hani</i> | <i>Philudoria hani</i> | Lajonquière, 1978: 407 | HT |
| <i>hoenei</i> | <i>Gastropacha hoenei</i> | Lajonquière, 1976: 164 | PT |
| <i>illustratus</i> | <i>Dendrolimus suffuscus illustratus</i> | Lajonquière, 1973b: 542 | HT, PT |
| <i>imitatrix</i> | <i>Philudoria imitatrix</i> | Lajonquière, 1978: 389 | HT |
| <i>insignis</i> | <i>Malacosoma insignis</i> | Lajonquière, 1972: 301 | HT, PT |
| <i>japonica</i> | <i>Philudoria albomaculata japonica</i> | Lajonquière, 1978: 386 | HT, PT |
| <i>joannisi</i> | <i>Phyllodesma (Phyllodesma) joannisi</i> | Lajonquière, 1963: 71 | PT |
| <i>kansuensis</i> | <i>Metanastria subpurpurea kansuensis</i> | Bang-Haas, 1939: 57 | ST |
| <i>koenigi</i> | <i>Taragama koenigi</i> | Strand, 1915: 104 | HT, PT |
| <i>krocha</i> | <i>Micropacha krocha</i> | Zolotuhin, 1995: 161 | HT, PT |
| <i>likiangica</i> | <i>Selenepherides monotona likiangica</i> | Daniel, 1953: 255 | HT, PT |
| <i>lunatus</i> | <i>Somadasy lunatus</i> | Lajonquière, 1973a: 265 | HT, PT |
| <i>maculosa</i> | <i>Cosmotriche maculosa</i> | Lajonquière, 1974: 137 | HT, PT |
| <i>maharadja</i> | <i>Trabala maharadja</i> | Zolotuhin, 2002: 135 | HT |
| <i>mekongensis</i> | <i>Gastropacha quercifolia mekongensis</i> | Lajonquière, 1976: 156 | HT, PT |
| <i>mendica</i> | <i>Gorgonella mendica</i> | Zolotuhin, in Zolotuhin & Witt, 2000: 47 | HT |
| <i>mirabilis</i> | <i>Paralebeda femorata mirabilis</i> | Zolotuhin, 1996a: 248 | PT |
| <i>modesta</i> | <i>Hoemimnema modesta</i> | Lajonquière, 1973b: 569 | HT, PT |
| <i>monotona</i> | <i>Selenepherides monotona</i> | Daniel, 1953: 254 | HT, PT |
| <i>monticola</i> | <i>Dendrolimus monticola</i> | Lajonquière, 1973b: 549 | HT, PT |
| <i>narcissus</i> | <i>Eteinopla narcissus</i> | Zolotuhin, 1995: 160 | HT, PT |
| <i>obscura</i> | <i>Eteinopla obscura</i> | Lajonquière, 1979b: 18 | HT, PT |
| <i>orboy</i> | <i>Euthrix orboy</i> | Zolotuhin, 1998: 72 | HT, PT |

| Taxon | Original name | Author, year, page | Type |
|--------------------|--|---------------------------|-------------|
| <i>orientalis</i> | <i>Paradoxopla sinuata orientalis</i> | Lajonquière, 1976: 175 | HT, PT |
| <i>orientalis</i> | <i>Philudoria isocyma oreintalis</i> | Lajonquière, 1978: 403 | HT, PT |
| <i>ornata</i> | <i>Cosmeptera ornata</i> | Lajonquière, 1979b: 12 | HT, PT |
| <i>paos</i> | <i>Paralebeda crinodes paos</i> | Zolotuhin, 1996a: 252 | HT, PT |
| <i>philippsi</i> | <i>Eriogaster philippsi</i> | Bartel, 1904: 10 | ST |
| <i>pretiosa</i> | <i>Cosmeptera pretiosa</i> | Lajonquière, 1979b: 15 | HT, PT |
| <i>priapus</i> | <i>Phyllodesma (Epicnaptera) priapus</i> | Lajonquière, 1963: 82 | HT |
| <i>puana</i> | <i>Radhica flavovittata puana</i> | Zolotuhin, 1995: 168 | HT, PT |
| <i>pulchra</i> | <i>Cosmeptera pulchra</i> | Lajonquière, 1979b: 13 | HT, PT |
| <i>rectifascia</i> | <i>Malacosoma rectifascia</i> | Lajonquière, 1972: 303 | HT, PT |
| <i>rex</i> | <i>Dendrolimus rex</i> | Lajonquière, 1973b: 529 | HT, PT |
| <i>roesleri</i> | <i>Hoemimnema roesleri</i> | Lajonquière, 1973b: 567 | HT, PT |
| <i>sardoa</i> | <i>Lasiocampa cocles f. sardoa</i> | Turati, 1913: 289 | ST |
| <i>saxosimilis</i> | <i>Cosmotriche saxosimilis</i> | Lajonquière, 1974: 138 | HT, PT |
| <i>sericus</i> | <i>Dendrolimus sericus</i> | Lajonquière, 1973b: 530 | HT, PT |
| <i>shensiensis</i> | <i>Cyclophragma undans shensiensis</i> | Lajonquière, 1973b: 589 | HT, PT |
| <i>siamka</i> | <i>Kunugia siamka</i> | Zolotuhin, 2002: 138 | PT |
| <i>sinensis</i> | <i>Syrastrena sinensis</i> | Lajonquière, 1973a: 259 | HT, PT |
| <i>sinina</i> | <i>Lebeda nobilis sinina</i> | Lajonquière, 1979a: 689 | HT, PT |
| <i>styx</i> | <i>Cerberolebeda styx</i> | Zolotuhin, 1995: 164 | PT |
| <i>suffuscus</i> | <i>Dendrolimus suffuscus</i> | Lajonquière, 1973b: 541 | HT, PT |
| <i>tangi</i> | <i>Philudoria tangi</i> | Lajonquière, 1978: 404 | HT, PT |
| <i>tamsi</i> | <i>Cyclophragma tamsi</i> | Lajonquière, 1973b: 582 | PT |
| <i>thibetana</i> | <i>Hoemimnema sagittifera thibetana</i> | Lajonquière, 1973b: 567 | HT, PT |
| <i>thibetana</i> | <i>Gastropacha quercifolia thibetana</i> | Lajonquière, 1976: 157 | HT, PT |
| <i>tsini</i> | <i>Philudoria tsini</i> | Lajonquière, 1978: 403 | HT |
| <i>yangtsei</i> | <i>Takanea miyakei yangtsei</i> | Lajonquière, 1973a: 266 | HT, PT |
| <i>yunnanensis</i> | <i>Hoemimnema yunnanensis</i> | Lajonquière, 1973b: 570 | HT, PT |

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Family: Mirinidae

| Taxon | Original name | Author, year, page | Type |
|------------------|-------------------------|----------------------------|------|
| <i>fenzeli</i> | <i>Mirina fenzeli</i> | Mell, 1938: 146 | ST |
| <i>confucius</i> | <i>Mirina confucius</i> | Zolotuhin & Witt, 2000: 15 | PT |

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Mell, R. (1938): Beiträge zur Fauna sinica. XVIII. Noch unbeschriebene chinesische Lepidopteren (V). - Dt. Ent. Z. Iris 52: 135-152.

Zolotuhin, V.V. & Witt, T. (2000): The Mirinidae of Vietnam (Lepidoptera). - Entomofauna Suppl. 11 (2): 13-24.

Family: Saturniidae

| Taxon | Original name | Author, year, page | Type |
|------------------------|--------------------------------------|--------------------|---------|
| <i>chapae</i> | <i>Actias (Argema) chapae</i> | Mell, 1950: 55 | LT, PLT |
| <i>septentrionalis</i> | <i>Loepa katinka septentrionalis</i> | Mell, 1939: 151 | ST |
| <i>septentrionalis</i> | <i>Loepa miranda septentrionalis</i> | Mell, 1939: 152 | ST |
| <i>taipeishanis</i> | <i>Loepa miranda taipeishanis</i> | Mell, 1939: 152 | ST |
| <i>yunnana</i> | <i>Loepa miranda yunnana</i> | Mell, 1939: 151 | ST |
| <i>zubsiana</i> | <i>Cricula zubsiana</i> | Nässig, 1985: 185 | HT,PT |

References:

Mell, R. 1939. Beiträge zur Fauna sinica. XVIII. Noch unbeschriebene chinesische Lepidopteren (V). - Dt. Ent. Z. Iris 52: 135-152.

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Family: Sphingidae

| Taxon | Original name | Author, year, page | Type |
|---------------------|---|--|------|
| <i>chuvilini</i> | <i>Hyles (Surholtia) chuvilini</i> | Eitschberger, Danner, Surholt, 1998: 275 | PT |
| <i>connectens</i> | <i>Marumba fenzeli connectens</i> | Mell, 1938: 145 | ST |
| <i>davidi</i> | <i>Rhodambulyx davidi</i> | Mell, 1938: 141 | LT |
| <i>draconoides</i> | <i>Polyptychus draconis draconoides</i> | Mell, 1935: 348 | ST |
| <i>fenzelii</i> | <i>Marumba fenzelii</i> | Mell, 1937: 5 | ST |
| <i>handelioides</i> | <i>Marumba dyras handelioides</i> | Mell, 1937: 5 | ST |
| <i>hönei</i> | <i>Clanis undulosa hönei</i> | Mell, 1935: 343 | ST |
| <i>hönei</i> | <i>Oxyambulyx kuangtungensis hönei</i> | Mell, 1937: 4 | HT * |
| <i>hönei</i> | <i>Philodila hönei</i> | Mell, 1937: 6 | HT * |

| Taxon | Original name | Author, year, page | Type |
|---------------------|------------------------------------|---|-------------|
| <i>minor</i> | <i>Smerinthus minor</i> | Mell, 1937: 5 | HT * |
| <i>ochreata</i> | <i>Marumba maacki ochreata</i> | Mell, 1935: 351 | ST |
| <i>schnitzleri</i> | <i>Rhodambulyx schnitzleri</i> | Cadiou, 1990: 42 | HT |
| <i>spectabilior</i> | <i>Marumba spectabilior</i> | Mell, 1935: 350 | PLT |
| <i>stueningi</i> | <i>Hemaris (Jilinga) stueningi</i> | Eitschberger, Danner & Surholt, 1998: 150 | HT, PT |
| <i>stueningi</i> | <i>Pentateucha stueningi</i> | Owada & Kitching, 1997: 88 | HT |
| <i>taishanis</i> | <i>Sphinxgulus mus taishanis</i> | Mell, 1937: 8 | HT * |

* these types, as mentioned in the original description, are the property of the ZFMK (Höne-collection). However, they have been purchased by B.P.Clark together with a part of the Mell collection, probably after Mell's death, and presently they are kept in the Carnegie Museum, Pittsburg (cf. Kitching, 2004, in litt.).

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