

Inventory Studies on the Subfamily Pselaphinae (Coleoptera, Staphylinidae) of Myanmar

Part 1: A Checklist of Species

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Abstract The pselaphine fauna of Myanmar is reviewed. One hundred and twenty-one species of the subfamily Pselaphinae and their distributions are listed.

Key words: Pselaphinae, Staphylinidae, inventory, taxonomy, check list, Myanmar.

1) A historical review of the pselaphine fauna of Myanmar

The pselaphine fauna of Myanmar has been studied since nineteenth century. Motschulsky (1851) described 53 pselaphine species from “Ind. Or.” abbreviated from “Indes orientale”, which is known to indicate Tenasserim, South Myanmar. This work was done on the basis of Helfer’s Collection originally preserved in the Natural History Museum, Prague, Czech (NMP). These pselaphine specimens were collected at Tenasserim in the southern part of Myammer.

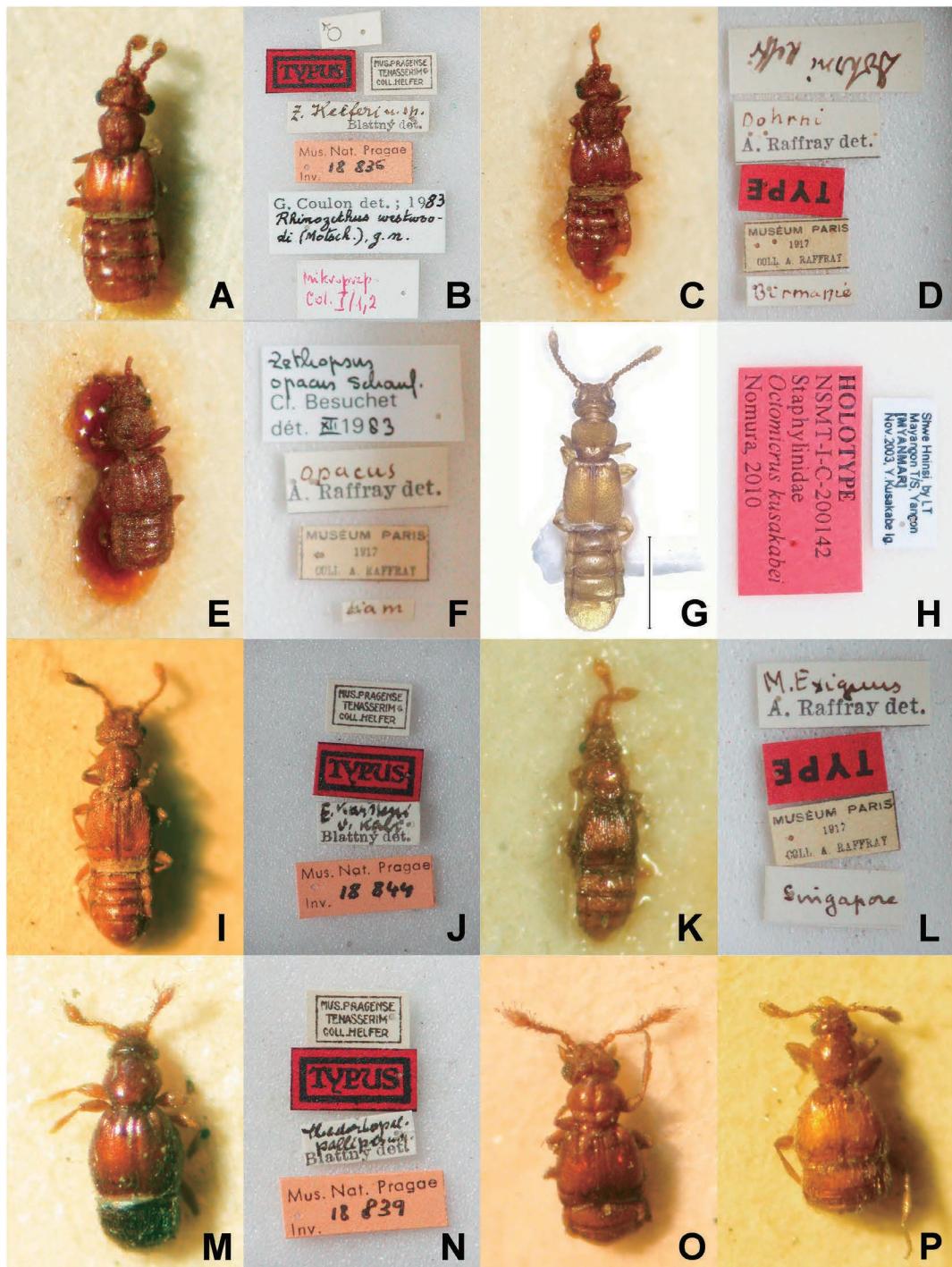
More than 70 years later, Blattný (1925) described 8 new genera, 41 new species on the basis of the same collection. From the Blattný’s taxa, a new species of a new genus, *Microphthartus luridus* was excluded from pselaphines, because the new genus was synonymous with the genus *Edaphus* of the subfamily Euaesthetinae. Additionally, the other five new genera were synonymized with the known genera of Pselaphinae. Two genera, *Philotrimium* (Euplectitae) and

Maya (Goniaceritae) are still valid.

L. W. Schaufuss (1877) described 29 pselaphine species from Bangkok, Thailand. Blattný (1925) recorded some of the Schaufuss’s species also from Burma on the basis of Helfer’s Collection. L. W. Schaufuss (1882, etc.) and A. Raffray (1883, etc.) described some pselaphine species from Burma (=Myanmar). However, the detail information of the type localities is unknown.

In Besuchet (1986), four genera defined by Blattný (1925) and one genus by Motschulsky (1851) were synonymized as follows: *Raffrayella* Blattný, 1925 was synonymized with *Batraxis* Reitter, 1881; *Herminiella* Blattný, 1925 with *Odontalgus* Raffray, 1877; *Indiella* Blattný, 1925 with *Sognorus* Reitter, 1881; *Glyptosoma* Motschulsky, 1851 with *Tmesiphorus* Le Conte, 1849; and *Novissimus* Blattný, 1925 with *Tyrus* Aubé, 1833.

Besuchet (1999) suggested that three species of the genus *Metaxis* Motschulsky, 1851 described from Tenasserim, Myanmar as “Ind. Or.” should be combined with the genus *Tyrus*. *Novissimus helperi* Blattný, 1925 was synonymized with *Tyrus corpulentus* (Motschulsky,



1851) described as a species of *Metaxis* by the same paper. Besuchet (2008) reviewed some genera and species of the subfamily Pselaphinae, but no correction was provided for pselaphine fauna of Myanmar.

S. A. Kurbatov and G. Cuccodoro revised the genus *Pareuplectops* established by Jeannel (1957) belonging to the tribe Proterini (supertribe Goniaceritae). As the result, they synonymized *P. novissimus* with *P. tenasserimi*, both of which were described by Blattný (1925) as members of the genus *Eiplectus* Raffray (Euplectitae, Trichonychini).

Nomura (2004) reported two species from Yangon on the basis of the specimens collected by Mr. Yoshiyasu Kusakabe.

Nomura and Idris (2008) recorded twelve new distributions of pselaphine species from Yangon on the basis of Kusakabe's Collection.

Nomura (2010) described *Octomicrus kusakabei* from Yangon, which was first species of the tribe Dimerini from Myanmar.

Recently, Yin & Li (2015) described a new species, *Smetanabatrus ghecu* from Carin Asciiui Ghecù, Shan State, which was also recorded from Doi Suthep, Thailand by Yin & Cuccodoro (2018).

After the works shown above, more than one hundred species of the subfamily Pselaphinae have been known from Myanmar. In the present study, correct scientific names of these species, references and the recorded localities are herein listed up.

2) Abbreviations of depository

The type and identified specimens shown in

Figs. 1–4 are deposited in the following museums, in which the abbreviations are shown in parentheses.

Museum National d'Histoire Naturelle, Paris,
Raffray Collection (MNHN)
National Museum of Prague, Czech, Natural History, Helfer Collection (NMP)
National Museum of Nature and Science, Tsukuba, Japan (NMNS)

3) A checklist of the pselaphine species known from Myanmar

Supertribe EUPLECTITAE
Tribe Bythinoplectini
Subtribe Bythinoplectina

Neozethopsis brachyurus (Motschulsky, 1851: 500) Tenasserim ("Ind. or.", as *Euplectus*).

Neozethopsis nonplusulta (Blattný, 1925: 183) Tenasserim (Blattný, 1925).

Rhinozethus helferi (Blattný, 1925: 184) Tenasserim (Blattný, 1925) (Fig. 1A–B).

Zethopsis dohrni Raffray, 1883: 248 Birmanie (Fig. 1C–D).

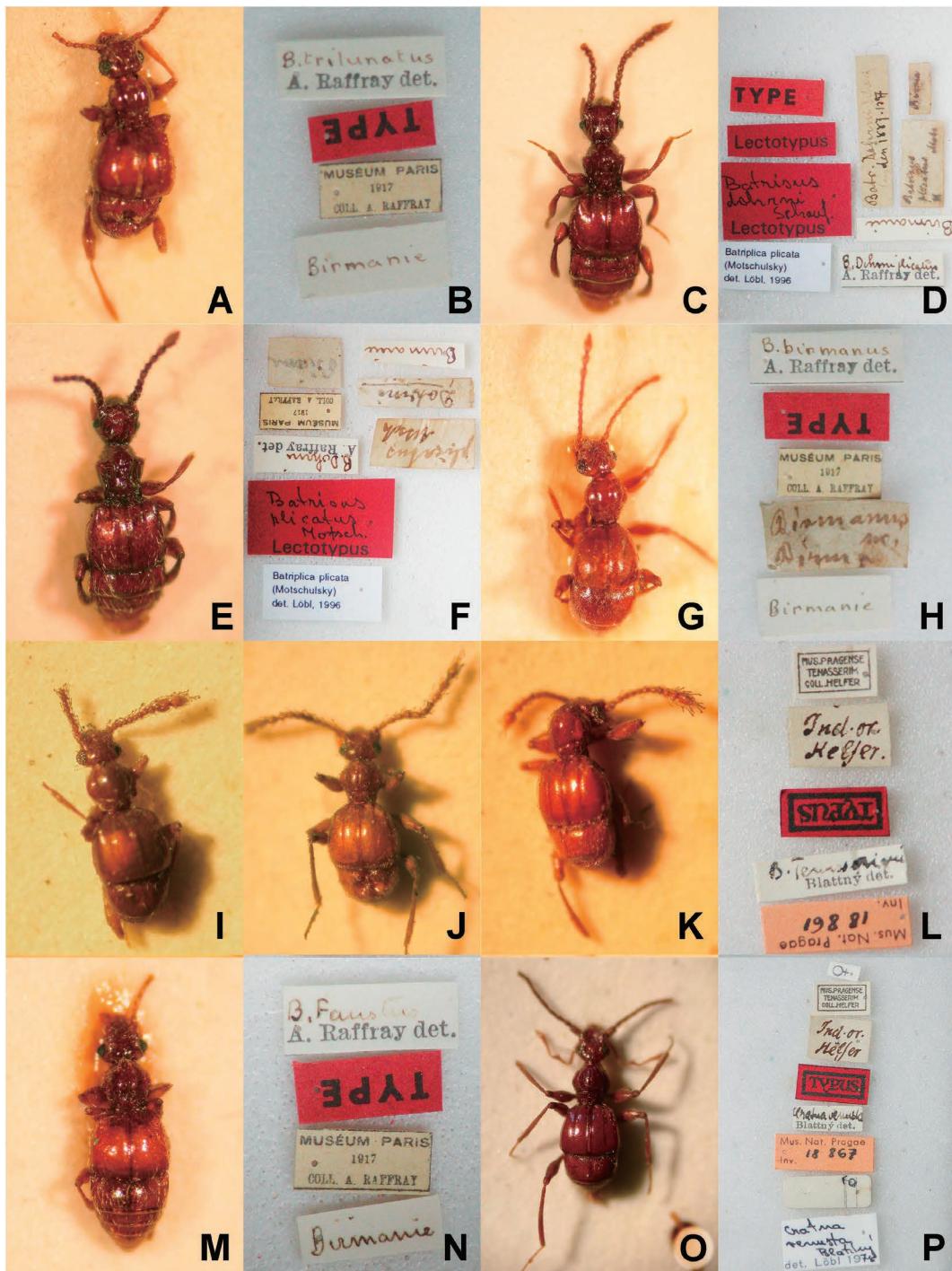
Zethopsis infuscatus Motschulsky, 1851: 500 Tenasserim ("Ind. or.", as *Euplectus*).

Zethopsis imperfectus Blattný, 1925: 184 Tenasserim (Blattný, 1925).

Zethopsis opacus Schaufuss, 1887: 12 Tenasserim (Blattný, 1925); Bangkok, Thailand (Fig. 1E–F). (= *Zethopsis westwoodi* Schaufuss, 1882: 113 synonymised by Coulon, 1989).

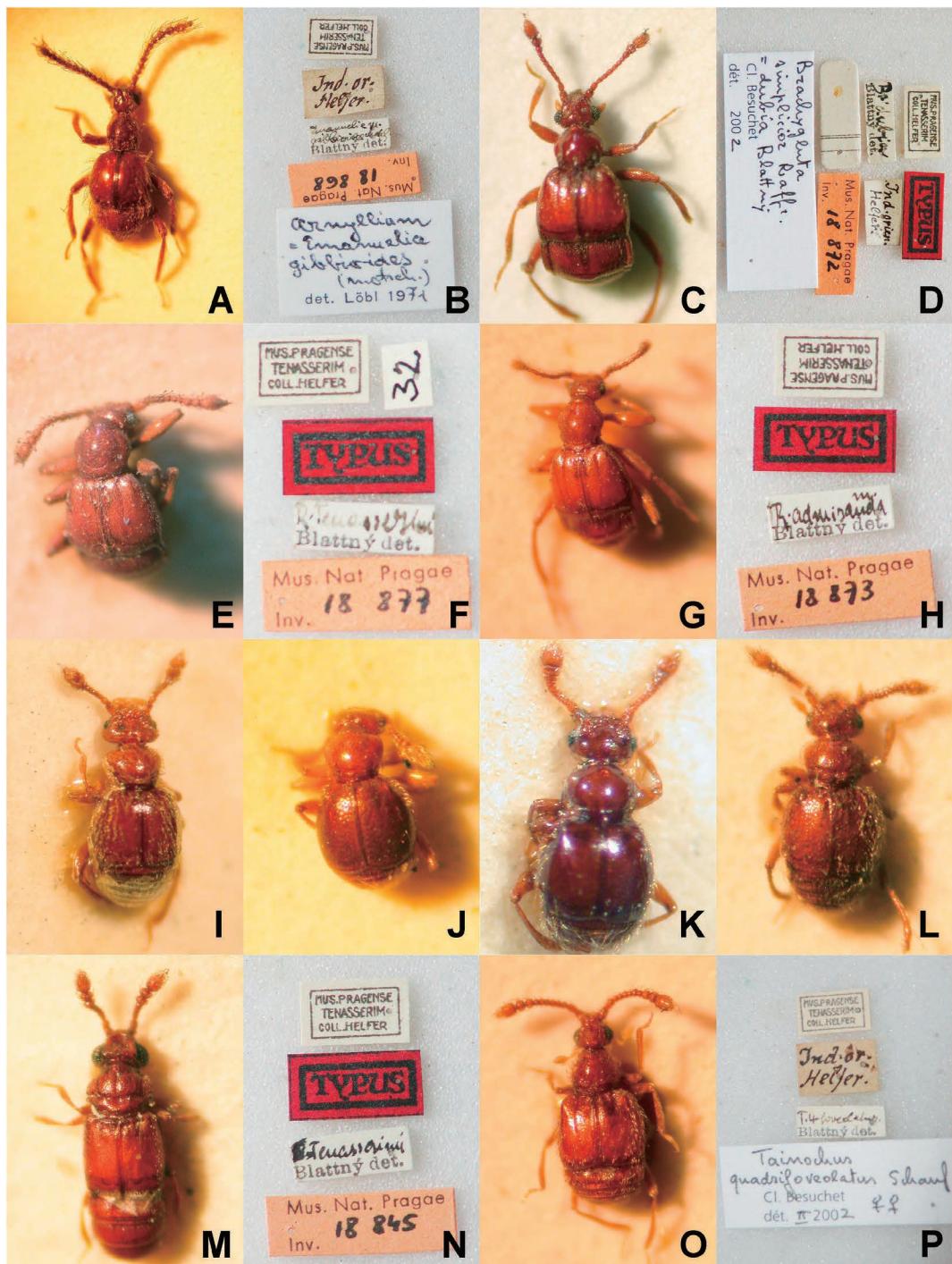
Pachyzethopsis blattnyi Coulon, 1989: 194 Tenasserim.

Fig. 1. Type and identified specimens of pselaphine species from Myanmar 1/4. A. syntype (NMP) of *Zethopsis helferi* Blattný, 1925 (= *Rhinozethus helferi* (Blattný, 1925)); B. ditto, type and identification labels; C. *Zethopsis dohrni* Raffray, 1883, syntype (MNHN); D. ditto, type labels; E. *Zethopsis opacus* Schaufuss, 1887 from Siam, identified by A. Raffray (MNHN); F. ditto, identification labels; G. *Octomicrus kusakabei* Nomura, 2010, holotype (NMNS); H. ditto, type labels; I. *Euplectus kali* Blattný, 1925, syntype (NMP); J. ditto, type labels; K. *Microplectus exiguis* Raffray, 1898 from Singapore, syntype (MNHN); L. ditto, type labels; M. *Chaetorhopalus pallipes* Blattný, 1925, syntype (NMP); N. ditto, type labels; O. *Euplectodina hipposideros* (Schaufuss, 1877), identified by Raffray? (MNHN); P. *Philotrimium abdominalis* (Motschulsky, 1851), identified by Blattný (NMP).



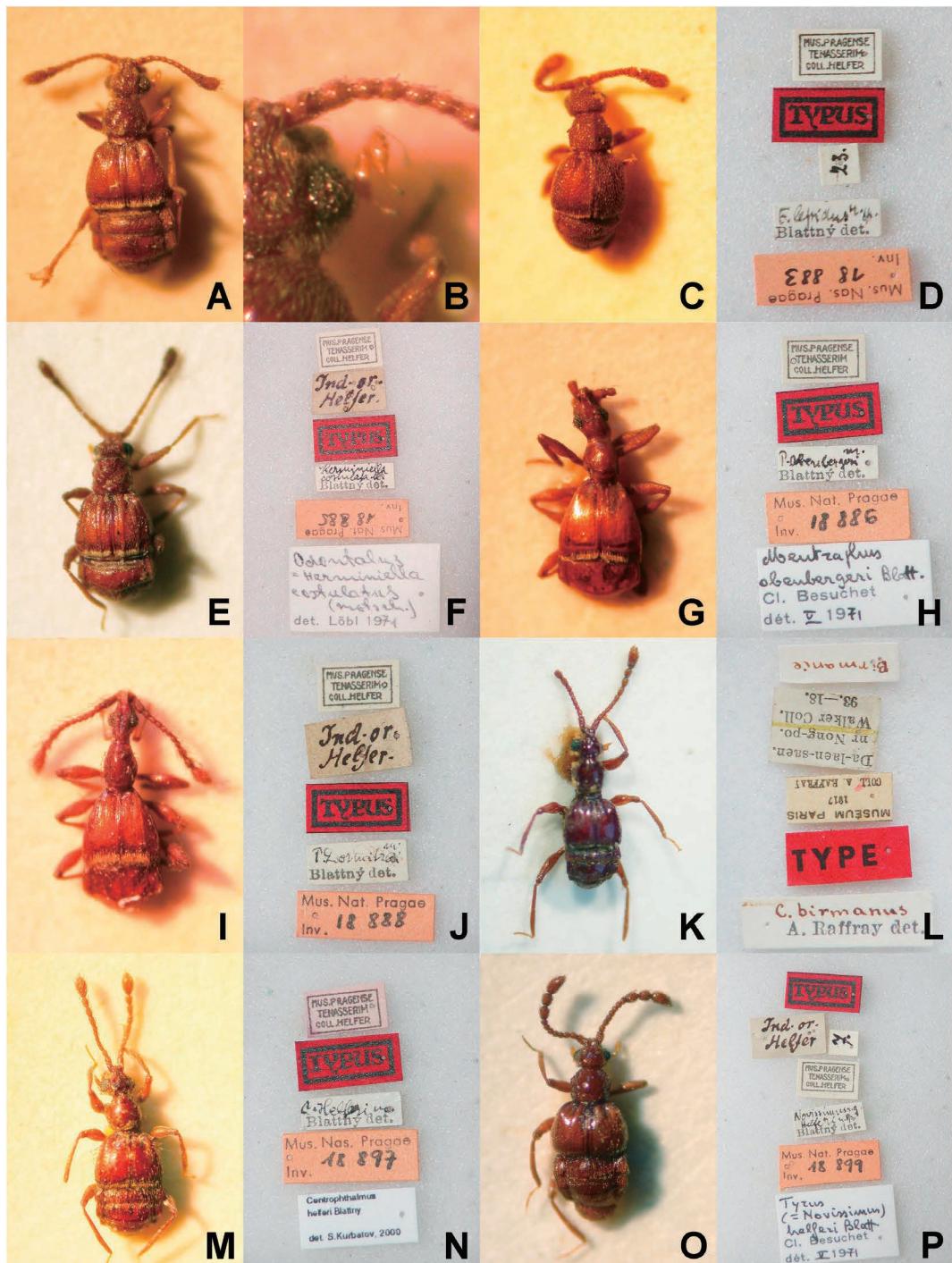
- Tribe Dimerini
- Octomicrus (Octomicrus) kusakabeii* Nomura, 2010: 235 Yangon (Fig. 1G–H).
- Tribe Euplectini
- Euplectus caligula* Blattný, 1925: 188 Tenasserim.
- Euplectus elongatus* Motschulsky, 1851: 501 Tenasserim ("Ind. or.").
- Euplectus kali* Blattný, 1925: 189 Tenasserim (Fig. 1I–J).
- Euplectus pulcher* Motschulsky, 1851: 499 Tenasserim ("Ind. or.").
- Euplectus uniformis* Blattný, 1925: 188 Tenasserim.
- Tribe Trichonychini
- Subtribe Bibloplectina
- Microplectus exiguus* Raffray, 1898: 264 Tenasserim (Blattný, 1925); Tenasserim (Fig. 1K–L); Singapore.
- Subtribe Bibloporina
- Chaetorhopalus pallipes* Blattný, 1925: 186 Tenasserim (Fig. 1M–N).
- Subtribe Panaphantina
- Euplectodina hipposideros* (Schaufuss, 1877: 12) Tenasserim (Blattný, 1925), Yangon (Nomura, 2004); Bangkok, Thailand, Vietnam, Java, Sumatra (Fig. 1O).
- Euplectodina breviusculus* (Motschulsky, 1851: 500) Tenasserim ("Ind. or.", as *Euplectus*).
- Subtribe Trimiiina
- Philotrimium abdominalis* (Motschulsky, 1851: 496) Tenasserim ("Ind. or.", as *Trimium*) (Fig. 1P).
- Supertribe Batrisitae
- Tribe Batrisini
- Subtribe Batrisina
- Arthromelus trilunatus* (Raffray, 1896: 245) Birmanie (as *Batriscenus*) (Fig. 2A–B).
- Batriplica plicata* (Motschulsky, 1851: 489) Tenasserim ("Ind. or.", as *Batrissus*) (Fig. 2C–D). (= *Batriplica dohrni* Schaufuss, 1887: 137 Birmanie) (Fig. 2E–F).
- Batriplica fossulata* (Motschulsky, 1851: 489) Tenasserim ("Ind. or.", as *Batrissus*).
- Batriscenus anticus* Blattný, 1925: 197 Tenasserim.
- Batriscenus anthicus* (Motschulsky, 1851: 487) Tenasserim ("Ind. or.", as *Batrissus*).
- Batriscenus aubei* Blattný, 1925: 197 Tenasserim.
- Batriscenus birmanus* (Schaufuss, 1882: 395) Birmanie (Fig. 2G–H).
- Batriscenus franci* Blattný, 1925: 200 Tenasserim.
- Batriscenus lecontei* (Motschulsky, 1851: 486) Tenasserim ("Ind. or.", as *Batrissus*).
- Batriscenus macrocerus* (Motschulsky, 1851: 487) Tenasserim ("Ind. or.", as *Batrissus*).
- Batriscenus mariae* Blattný, 1925: 201 Tenasserim.
- Batriscenus nitidulus* (Motschulsky, 1851: 489)

Fig. 2. Type and identified specimens of pselaphine species from Myanmar 2/4. A. *Arthromelus trilunatus* (Raffray, 1896), syntype (MNHN); B. ditto, type labels; C. *Batriplica plicata* (Motschulsky) lectotype (?) designated by I. Löbl (MNHN); D. ditto labels; E. *Batriplica dohrni* (Schaufuss, 1887) identified by A. Raffray, as the lectotype of *Batriplica plicata* (Motschulsky, 1851) designated by I. Löbl (MNHN); F. ditto, labels; G. *Batriscenus birmanus* (Schaufuss, 1882), syntype (MNHN); H. ditto, type labels; I. *Batriscenus nitidulus* (Motschulsky, 1851), identified specimen by Blattný (NMP); J. *Batriscenus reichenbachi* (Motschulsky, 1851), identified specimen by Blattný (NMP); K. *Batriscenus tenasserimi* Blattný, 1925, syntype (NMP); L. ditto, type labels; M. *Batristerus faustus* (Raffray, 1896), syntype (MNHN); N. ditto, type labels; O. *Cratna venusta* Blattný, 1925, syntype (NMP); P. ditto, type labels.



- Tenasserim ("Ind. or.", as *Batriscus*) (Fig. 2I).
Batrisocenus quaestus (Schaufuss, 1887: 139)
 Birmanie.
Batrisocenus reichenbachii (Motschulsky, 1851: 486) Tenasserim ("Ind. or.", as *Batriscus*) (Fig. 2J).
Batrisocenus tenasserimi Blattný, 1925: 199
 Tenasserim (Fig. 2K–L).
Batrisocenus vishnu Blattný, 1925: 198 Tenasserim.
Batrisodes bucephalus (Motschulsky, 1851: 487)
 Tenasserim ("Ind. or.", as *Batriscus*).
Batrisodes carinatus Blattný, 1925: 190 Tenasserim.
Batrisodes grandis (Motschulsky, 1851: 489)
 Tenasserim ("Ind. or.", as *Batriscus*).
Batrisodes helferi (Motschulsky, 1851: 489)
 Tenasserim ("Ind. or.", as *Batriscus*).
Batrisodes kavinai Blattný, 1925: 193 Tenasserim.
Batrisodes plicatus Blattný, 1925: 194 Tenasserim.
Batrisodes sculpticollis (Motschulsky, 1851: 489) Tenasserim ("Ind. or.", as *Batriscus*).
Batrisodes vavrai Blattný, 1925: 191 Tenasserim.
Batrisodes ventralis (Motschulsky, 1851: 484)
 Tenasserim ("Ind. or.", as *Batriscus*).
Batristerus faustus (Raffray, 1896: 237) Birmanie (Fig. 2M–N).
Cratna venusta Blattný, 1925: 203 Tenasserim (Fig. 2O–P).
Physomerinus femoralis (Motschulsky, 1851: 486) Tenasserim ("Ind. or.", as *Batriscus*).
Smetanabatrus ghecu Yin et Li, 2015: 377 Carin Asciuii Ghecù.
- Supertribe Goniaceritae
 Tribe Arnyllini
- Harmophorus gibbioides* Motschulsky, 1851: 490 Tenasserim ("Ind. or.") (as *Emanuella* in Blattný, 1925*) (Fig. 3A–B).
- Tribe Brachyglutini
 Subtribe Brachyglutina
- Bratraxis raffrayana* (Blattný, 1925: 205) Tenasserim (as *Raffrayella* in Blattný, 1925), Yangon (Nomura and Idris, 2008).
Brachygluta dubia Blattný, 1925: 205 Tenasserim (Fig. 3C–D).
Eupines sphaerica (Motschulsky, 1851: 492)
 Tenasserim ("Ind. or.", as *Bryaxis*); Vietnam, Sri Lanka, India, Singapore, Java, Sumatra, Borneo, Sulawesi, New Guinea, Japan.
Reichenbachella budha (Raffray, 1891: 487)
 Tenasserim (Blattný, 1925), Yangon (Nomura, 2008); Vietnam, Thailand "Siam".
Reichenbachella mandibularis Jeannel, 1960: 437 Kyankian.
Reichenbachia areolata Raffray, 1892: 493
 Tenasserim (Blattný, 1925); N Sumatra.
Reichenbachia baumeisteri Schaufuss, 1877: 7
 Tenasserim (Blattný, 1925); Bangkok, Thailand, Vietnam.
Reichenbachia castelnau Raffray, 1891: 489
 Tenasserim (Blattný, 1925); Thailand "Siam".
Reichenbachia cordata Schaufuss, 1877: 9
 Tenasserim (Blattný, 1925); Bangkok, Thailand.
Reichenbachia fulva Schaufuss, 1887: 292 Birmanie, Tenasserim (Blattný, 1925).
Reichenbachia kali Blattný, 1925, 1 male: 206

Fig. 3. Type and identified specimens of pselaphine species from Myanmar 3/4. A. *Harmophorus gibbioides* Motschulsky, 1851, identified specimen (NMP) by Blattný; B. ditto, labels; C. *Brachygluta dubia* Blattný, 1925, syntype (NMP); D. ditto, type labels; E. *Rybaxis tenasserimi* Blattný, 1925, syntype (NMP); F. ditto, type labels; G. syntype (NMP) of *Reichenbachia admiranda* Blattný, 1925 (= *Trissemus mamilla* (Schaufuss, 1877)); H. ditto, type labels; I. *Sunorfa clavata* (Raffray, 1895), syntype (MNHN); J. ditto, identified specimen (NMP) by Blattný (1925); K. *Sunorfa exsculpta* (Schaufuss, 1877), syntype (MNHN); L. ditto, identified specimen (NMP) by Blattný (1925); M. *Pareuplectops tenasserimi* (Blattný, 1925), syntype (NMP); N. ditto, type labels; O. *Atychodea quadrifoveolata* (Motschulsky, 1851), identified specimen (NMP) by Blattný (1925); P. ditto, identification labels.



Tenasserim.

Reichenbachia muscorum Raffray, 1904: 161

Tenasserim (Blattný, 1925); Penang, Malaysia.

Reichenbachia nava Raffray, 1904: 156 Tenasserim (Blattný, 1925); Sumatra.

Reichenbachia rufa (Schmidt-Göbel, 1838: 6)

Tenasserim (Blattný, 1925); Vietnam, Sri Lanka, India (Calcutta), Thailand, Singapore, Java, Cerebes, Philippines.

Reichenbachia schaufussi Reitter, 1882: 289

Tenasserim (Blattný, 1925); Sumatra, Singapore.

Reichenbachia simplex (Motschulsky, 1851: 491)

Tenasserim ("Ind. or.", as *Bryaxis*).

Reichenbachia suturella (Motschulsky, 1851:

491) Tenasserim ("Ind. or.", as *Bryaxis*).

Reichenbachia? brevicornis (Motschulsky, 1851:

493) Tenasserim ("Ind. or.", as *Bryaxis*).

Reichenbachia? dilatata (Motschulsky, 1851:

492) Tenasserim ("Ind. or.", as *Bryaxis*).

Reichenbachia? extensa (Motschulsky, 1851:

494) Tenasserim ("Ind. or.", as *Bryaxis*).

Rybaxis decorata Motschulsky, 1851: 494 Tenas-

serim ("Ind. or.", as *Bryaxis*).

Rybaxis frici Blattný, 1925: 207 Tenasserim.

Rybaxis tenasserimi Blattný, 1925: 208 Tenas-

serim (Fig. 3E–F).

Trissemus mamilla (Schaufuss, 1877: 9) Tenas-

serim (Blattný, 1925), Yangon (Nomura,

2008); Bangkok, Thailand, Vietnam.

(= *Reichenbachia admiranda* Blattný, 1925:

206) (Fig. 3G–H).

Tribe Iniocyphini

Subtribe Natypeurina

Maya dilatata (Motschulsky, 1851: 496) Tenas-

serim ("Ind. or.", as *Tychus*), Mandale, near

Maymyo (= Pyin Oo Lwin) (Kurbatov *et al.*, 2007).

Morana bidentata Kurbatov, Cuccodoro et Löbl, 2007: 622 East Mandalay, 800 m, near Maymyo.

Morana palaung Kurbatov, Cuccodoro et Löbl, 2007: 647 Namhsan, 1,600 m, Shan Prov.

Sunorfa clavata (Raffray, 1895: 44) Singapore (as *Bythinomorpha*); Tenasserim (Blattný, 1925) (Fig. 3I–J).

Sunorfa exsculpta (Schaufuss, 1887: 110) Sumatra (as *Bythinomorpha*); Tenasserim (Blattný, 1925) (Fig. 3K–L).

Tribe Proterini

Pareuplectops tenasserimi (Blattný, 1925): 189

Tenasserim (as *Epiplectus*) (Fig. 3M–N). (= *Epiplectus novissimus* Blattný, 1925: 190) synonymised by Kurbatov and Cuccodoro, 2009).

Tribe Tychini

Atychodea portentosa Kurabatov et Sabella, 2008: 33 Bhamo.

Atychodea quadrifoveolata (Motschulsky, 1851: 495) Tenasserim ("Ind. or.", as *Tychus*) (Fig. 3O–P).

Tribe Cyathigerini

Plagiophorus paradoxus Motschulsky, 1851: 496

Tenasserim ("Ind. or.").

Tribe incertae sedis

Epiplectus cavifrons Raffray, 1898: 264: Singa-

Fig. 4. Type and identified specimens of pselaphine species from Myanmar 4/4. A. *Sognorus birmanensis* (Motschulsky, 1851), identified specimen (NMP) by Blattný (1925); B. ditto, maxillary palpus enlarged; C. *Stipesa lepida* (Blattný, 1925), syntype (NMP); D. ditto, type labels; E. *Odontalgus costatus* (Blattný, 1925) (= *Heriminiella costulata* Blattný, 1925), syntype (NMP); F. ditto, type labels; G. *Mentraphus obenbergeri* (Blattný, 1925), syntype (NMP); H. ditto, type labels; I. *Pselaphus dormitzeri* Blattný, 1925, syntype (NMP); J. ditto, type labels; K. *Centrophthalmus birmanus* Raffray, 1904, syntype (MNHN); L. ditto, type labels. M. *Centrophthalmus herferti* Blattný, 1925, syntype (NMP); N. ditto, type labels; O. *Tyrus corpulentus* (Motschulsky, 1851), as syntype of *Novissimus helferi* Blattný, 1925; P. ditto, type labels;

pore; Tenasserim (Blattný, 1925).

Supertribe Pselaphitae
Tribe Ctenistini

Ctenistes costulatus Motschulsky, 1851: 481
Tenasserim ("Ind. or.").

Ctenistes crassicornis Raffray, 1904: 340 Birmanie

Ctenistes globripalpus Schmidt-Göbel, 1838: 14
Yangon (Nomura and Idris, 2008); India (Calcutta).

Ctenistes hindustanus Motschulsky, 1851: 482
Tenasserim ("Ind. or."), Yangon (Nomura and Idris, 2008).

Ctenistes longicornis Motschulsky, 1851: 482
Tenasserim ("Ind. or.").

Sognorus birmanensis (Motschulsky, 1851: 481)
Tenasserim ("Ind. or.", as *Ctenistes*; as *Indiella* in Blattný, 1925), Yangon (Nomura and Idris, 2008) (Fig. 4A–B).

Sognorus birmanus (Schaufuss, 1886: 276) Birmanie (as *Enoptostomus*).

Tribe Hybocephalini

Acmaeonotus motschulskyi Motschulsky, 1851:
483 Tenasserim ("Ind. or.").

Hybocephalus minimus Motschulsky, 1851: 482
Tenasserim ("Ind. or.").

Hybocephalus squamosus Schaufuss, 1882: 355
Birmanie

Mecochelia simplex Motschulsky, 1851: 481
Tenasserim ("Ind. or.").

Mecochelia impressa Motschulsky, 1851: 481
Tenasserim ("Ind. or.").

Stipesa aurita (Blattný, 1925: 210) Tenasserim
(as *Filiger*).

Stipesa lepida (Blattný, 1925: 210) Tenasserim
(as *Filiger*) (Fig. 4C–D).

Stipesa simillima (Blattný, 1925: 210) Tenasserim
(Blattný, 1925), Yangon (Nomura and Idris, 2008).

Tribe Odontalgini

Odontalgus gracilis Raffray, 1904: 469 Sumatra;
Yangon (Nomura and Idris, 2008); Sumatra,
Vietnam.

Odontalgus costulatus (Motschulsky, 1851: 481)
Tenasserim ("Ind. or.", as *Ctenistes*; as *Herimiella costulata* in Blattný, 1925: 211) (Fig.
4E–F).

Tribe Pselaphini

Mentraphus obenbergeri (Blattný, 1925: 211)
Tenasserim (as *Pselaphus*), Yangon (Nomura and Idris, 2008) (Fig. 4G–H).

Pselaphus dormitzeri Blattný, 1925: 212 Tenasserim (Fig. 4I–J).

Pselaphus elegans Motschulsky, 1851: 483
Tenasserim ("Ind. or.").

Pselaphus uzeli Blattný, 1925: 212 Tenasserim.

Tyraphus pilosus Raffray, 1891: 494 Yangon
(Nomura and Idris, 2008); Tonkin, Vietnam.

Tyraphus testaceus (Schaufuss, 1877: 4) Tenasserim
(Blattný, 1925); Bangkok, Thailand.
(= *T. nitens* Blattný, 1925: 213)

Tribe Tmesiphorini

Raphitreodes dentimanus (Raffray, 1890: 211)
(as *Raphitreus*) Yangon (Nomura, 2004); Vietnam,
Singapore.

Tmesiphorus paulinae (Motschulsky, 1851: 480)
Tenasserim ("Ind. or.", as *Glyptosoma*).

Tmesiphorus raffrayi C. Schaufuss, 1888: 89 (*T.
umbrosus* Raffray, 1883: 288) Birmanie

Tribe Tyrini

Subtribe Centrophthalmina

Centrophthalmus bicolor Blattný, 1925: 215
Tenasserim.

Centrophthalmus birmanus Raffray, 1904: 374
Birmanie (Fig. 4K–L).

Centrophthalmus herferi Blattný, 1925: 216
Tenasserim (Fig. 4M–N).

Centrophthalmus longicornis Motschulsky, 1851:

- 480 Tenasserim ("Ind. or.").
Centrophthalmus paria Schmidt-Göbel, 1838: 8
 Tenasserim (Blattný, 1925); Calcutta.
Centrophthalmus pilosus Motschulsky, 1851:
 480 Tenasserim ("Ind. or.").
Centrophthalmus punctipennis Schaufuss, 1877:
 21 "Birmanie", Yangon (Nomura & Idris,
 2008); Bangkok, Thailand.
Centrophthalmus thoracicus Motschulsky, 1851:
 480 Tenasserim ("Ind. or.").
Centrophthalmus vladimiri Blattný, 1925: 215
 Tenasserim (Blattný, 1925), Yangon (Nomura
 & Idris, 2008).

Subtribe Tyrina

- Tyrus corpulentus* (Motschulsky, 1851: 490)
 Tenasserim ("Ind. or.", as *Metaxis*). (= *Novisimus herferi* Blattný, 1925: 217) (Fig. 4O–P).
Tyrus lativentris (Motschulsky, 1851: 490)
 Tenasserim ("Ind. or.", as *Metaxis*).
Tyrus politus (Motschulsky, 1851: 490) Tenas-
 serim ("Ind. or.", as *Metaxis*).

Total 48 genera, 121 species.

*: Blattný (1925) established a new genus *Emanuelia* for the Motschulsky's species, *Harmophorus gibbioides*. However, Newton and Chandler (1989) treated it as a junior synonym of the genus *Harmophorus*, which was classified as Batrisini, *incertae sedis* in that paper.

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vation, Myanmar. We are grateful to the Myanmar Forest Department, Ministry of Natural Resources and Environmental Conservation for their permission to carry out fieldwork in protected forests, and for their support and collaboration.

4) A list of literatures related to the pselaphine fauna of Myanmar.

- Beschut, C. 1986. Synonymes et homonyme nouveaux de quelques genres de Psélaphides (Coleoptera). Revue suisse de Zoologie, 93(1): 257–264.
- Beschut, C. 1999. Psélaphides paléarctiques. Notes taxonomiques et faunistiques (Coleoptera Staphylinidae Pselaphinae). Revue suisse de Zoologie, 106 (1): 45–67.
- Beschut, C. 2008. Synonymies et combinaisons nouvelles, revalidations et description de taxa nouveaux de Pselaphinae (Coleoptera: Staphylinidae). Bulletin de la Société Entomologique Suisse, 81: 61–82.
- Blattný, I. C. 1925. Revision der Pselaphiden der collection Helfer im National-Museum in Prag. Sborník entomologického oddělení Národního musea V Praze, 3 (26): 179–222.
- Coulon, G. 1989. Révision générique des Bythinoplectini Schaufuss, 1890 (= Pyxidicerini Raffray, 1903, syn. nov.) (Coleoptera, Pselaphidae, Farininae). Mémoires de la Société Royale Belge d'Entomologie, 34: 1–282.
- Jeannel, R. 1960. Sur les Pselaphides (Coleoptera) de l'Inde septentrionale. Bulletin of the British Museum (Natural History), Entomology, 9: 403–456.
- Kurbatov, S. A. and G. Cuccodoro 2009. Revision of Pareuplectops Jeannel and description of a new affiliated genus from Australia (Coleoptera: Staphylinidae: Pselaphinae). Revue suisse de Zoologie, 116: 3–29.
- Kurbatov, S. A., G. Cuccodoro and Ivan Löbl 2007. Revision of Morana Sharp and allied genera (Coleoptera: Staphylinidae: Pselaphinae). Annales Zoologici, 57: 591–720.
- Kurbatov, S. A. and G. Sabella 2008. Revision of the genus Atychodea Reitter with a consideration of the relationships in the tribe Tychini (Coleoptera: Staphylinidae: Pselaphinae). Transactions of the American Entomological Society, 134: 23–68.
- Löbl, I. 1975. Revision der Gattung Cratna Raffray (Coleoptera, Pselaphidae). Annales de la Société Suisse de Zoologie et du Muséum d'Histoire Naturelle de Genève, 82: 563–583.
- Löbl, I. and S. Kurbatov 1996. Revision of the genus Batruplica (Coleoptera: Staphylinidae: Pselaphinae). Entomological Problems, 27: 141–147.
- Motschulsky, V. 1851. Énumération des nouvelles espèces

- de Coléoptères. Bulletin de la Société Impériale des Naturalistes de Moscou, 24: 479–511.
- Newton, A. and D. S. Chandler 1989. World catalog of the genera of Pselaphidae (Coleoptera). Fieldiana, Zoology, New Series, (53): 1–93.
- Nomura, S. 2004. Records of two pselaphine species (Coleoptera, Staphylinidae, Pselaphinae) from Vietnam and Myanmar. Elytra, Tokyo, 32: 13–14.
- Nomura, S. 2010. A taxonomical Revision of Asian genera and species of the tribe Dimerini (Coleoptera, Staphylinidae, Pselaphinae). Japanese Journal of Systematic Entomology, Matsuyama, 16: 221–247.
- Nomura, S. and A. B. Idris 2008. New records and two new synonyms of pselaphine species (Coleoptera, Staphylinidae; Pselaphinae) from Southeast Asia. Serangga, Bangi, 13: 39–69.
- Raffray, A. 1883. Pselaphides nouveaux ou peu connus. deuxième memoire. Revue d'Entomologie, 2: 229–251.
- Raffray, A. 1891. Voyage de M. E. Simon aux îles Philippines (Mars et Avril 1888). Annales de la Société entomologique de France, 60: 473–496.
- Raffray, A. 1892. Revision des Pselaphides de Sumatra. Annales de la Société entomologique de France, 61: 463–504.
- Raffray, A. 1896. Nouvelles études sur les Psélaphides et les Clavigérides. Annales de la Société entomologique de France, 65: 227–284.
- Raffray, A. 1898. Notes sur les Pselaphides. Revision generique de la tribu des Euplectini. Descriptions d'espèces nouvelles. Revue d'Entomologie, 17: 198–273.
- Raffray, A. 1904. Genera et catalogue des Psélaphides. Annales de la Société entomologique de France, 72: 484–604.
- Raffray, A. 1908. Coleoptera. Fam. Pselaphidae. In Wytsmann, P. ed., Genera Insectorum, 64th fascicule. 487 pp., Rome.
- Raffray, A. 1911. Pselaphidae. In Schenckling, S. ed., Coleopterorum Catalogues, pars 27. W Junk, Berlin, 222 pp.
- Reitter, E. 1882. Versuch einer systematischen Eintheilung der Clavigeriden und Pselaphiden. Verhandlungen des Naturforschenden Vereines in Brünn, 20: 177–211.
- Schaufuss, C. 1888. Catalogues synonymicus Pselaphidarum adhuc descriptorum. Tidschrift voor Entomologie, 31: 1–104.
- Schaufuss, L. W. 1877. Pselaphiden Siam's. 25 pp., Ferdinand Thomass, Dresden.
- Schaufuss, L. W. 1882. Descriptions d'espèces de Psélaphiens inédits, d'après des Types de Motschulsky conservés à Prague. Bulletin de la Société entomologique de France, 1882: 141–142.
- Schaufuss, L. W. 1886. Beschreibung neuer Pselaphiden aus der Sammlung des Museum Ludwig Salvator. Ein Beitrag zur Fauna Brasiliens, der Kgl. Niederlandischen Besitzungen in Indien und Neuhollands. Tijdschrift voor Entomologie, 29: 241–296.
- Schaufuss, L. W. 1887. Beschreibung neuer Pselaphiden aus der Sammlung des Museum Ludwig Salvator. Ein Beitrag zur Fauna Brasiliens, der Kgl. Niederlandischen Besitzungen in Indien und Neuhollands. (Fortsetzung.) Tijdschrift voor Entomologie, 30: 91–165.
- Schmidt-Göbel, H. M. 1838. Beitrag zu einer Monographie der Pselaphen, enthaltend neue Species aus Asien. Erste Lieferung. 16 pp., Gottlieb Haase Söhne, Prague.
- Yin, Z.-W. and G. Cuccodoro 2018. Notes on *Smetanabatus* from Southeast Asia (Coleoptera: Staphylinidae: Pselaphinae). Revue Suisse de Zoologie, 125: 245–248.
- Yin, Z.-W. and L.-Z. Li 2015. A second species of *Smetanabatus* (Coleoptera: Staphylinidae: Pselaphinae). Revue Suisse de Zoologie, 122: 377–380.