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Abstract. A monograph of the Madagascan endemic genus *Pogonostoma* Klug, 1835, based on a thorough examination of type specimens and other relevant material (more than 6500 specimens) is presented. The history of the genus-group names *Stenocera* Brullé in Audouin & Brullé, 1834, and *Psilocera* Laporte de Castelnau & Gory, 1835 is discussed. A type species for the synonymous, but still available genus-group name *Tachybaenus* Dejean, 1836 is designated. In accordance with the ICZN (1990), the currently used genus-group name *Pogonostoma* Klug, 1835 is proposed here as *nomen protectum*, while the name *Stenocera* Brullé in Audouin & Brullé, 1834 as a *nomen oblitum*. The infrageneric classification of *Pogonostoma* (type species *P. chalybaeum* Klug, 1835) partially follows the last revision of the genus (Rivalier 1970), but is significantly modified here. The genus is subdivided into 16 subgenera (ten of them newly established here): *Eupogonostoma* **subgen. nov.** (type species *Pogonostoma cylindricum* Fleutiaux, 1899), *Bathypogonum* Jeannel, 1946, *Neopogonum* **subgen. nov.** (type species *Pogonostoma (Bathypogonum) comptum* Rivalier, 1970), *Parapogonum* **subgen. nov.** (type species *Pogonostoma sericeum* Klug, 1835), *Polypogonosotoma* **subgen. nov.** (type species *Pogonostoma cyanescens* Klug, 1835), *Macropogonostoma* **subgen. nov.** (type species *Psilocera caeruleum* Laporte de Castelnau & Gory, 1835), *Pogonostoma* s. str., *Transstenocera* **subgen. nov.** (type species *Pogonostoma sikorai* W. Horn, 1984), *Dipogonum* **subgen. nov.** (type species *Psilocera anthracinum* Laporte de Castelnau & Gory, 1835), *Sexpogonum* **subgen. nov.** (type species *Pogonostoma microtuberculatum* W. Horn, 1934), *Mitopogon* Rivalier, 1970, *Microstenocera* Jeannel, 1946, *Mantistenocera* **subgen. nov.** (type species *Pogonostoma nigricans* Klug, 1835), *Microgeniatum* Rivalier, 1970, *Hornogeniatum* **subgen. nov.** (type species *Pogonostoma*

A synopsis of *Pogonostoma* with infrageneric classification

Family Cicindelidae Latreille, 1806

Subfamily Collyrinae Csiki, 1906

Tribe Ctenostomatini Ganglbauer, 1892

Genus *Pogonostoma* Klug, 1834Subgenus *Eupogonostoma* subgen. nov.*P. (E.) cylindricum cylindricum* Fleutiaux, 1899 → p. 60*P. (E.) cylindricum filum* Jeannel, 1946 → p. 64*P. (E.) angustum* Fleutiaux, 1902 **sp. rediv.** → p. 67*P. (E.) aureovirescens* **sp. nov.** → p. 71*P. (E.) brevicorne* W. Horn, 1898 → p. 74Subgenus *Bathypogonum* Jeannel, 1946*P. (B.) levigatum levigatum* W. Horn, 1908 → p. 80*P. (B.) levigatum lucens* Rivalier, 1970 → p. 84Subgenus *Neopogonum* subgen. nov.*P. (N.) comptum* Rivalier, 1970 → p. 88*P. (N.) surdum* Rivalier, 1970 → p. 91*P. (N.) perrieri* Fairmaire, 1900 → p. 94*P. (N.) wiesneri* Moravec, 2003 → p. 98*P. (N.) hirofumii* Moravec, 2003 → p. 101*P. (N.) kraatzi* W. Horn, 1894 → p. 103Subgenus *Parapogonum* subgen. nov.*P. (P.) sericeum* Klug, 1835 → p. 106Subgenus *Polypogonostoma* subgen. nov.*P. (P.) vestitum* Fairmaire, 1900 → p. 111*P. (P.) simplex* W. Horn, 1905 **stat. nov.** → p. 114*P. (P.) simile* Jeannel, 1946 **stat. nov.** → p. 119*P. (P.) cyanescens* Klug, 1835 → p. 123*P. (P.) viridipenne* Jeannel, 1946 **stat. nov.** → p. 127*P. (P.) septentrionale septentrionale* Fleutiaux, 1903 → p. 130*P. (P.) septentrionale auripenne* W. Horn, 1909 → p. 133*P. (P.) violaceum violaceum* Fleutiaux, 1902 → p. 136*P. (P.) violaceum fulgidipenne* Lesne, 1911 → p. 139Subgenus *Macropogonostoma* subgen. nov.*P. (M.) caeruleum caeruleum* (Laporte de Castelnau & Gory, 1835) → p. 142*P. (M.) caeruleum cupripenne* Lesne, 1911 → p. 150Subgenus *Pogonostoma* s. str.*chalybaeum* species group*P. (P.) affine* W. Horn, 1893 → p. 155*P. (P.) violaceolevigatum* W. Horn, 1927 → p. 160*P. (P.) sambiranense* Rivalier, 1965 → p. 164*P. (P.) peyrierasi* Rivalier, 1970 → p. 166*P. (P.) malleatum malleatum* Rivalier, 1970 → p. 169*P. (P.) malleatum ambanjense* Rivalier, 1970 → p. 173*P. (P.) perroti* Rivalier, 1970 → p. 174*P. (P.) globicollis* Rivalier, 1970 → p. 177*P. (P.) chalybaeum* Klug, 1835 → p. 181*P. (P.) rugosoglabrum* W. Horn, 1923 → p. 187*P. (P.) propinquum* Rivalier, 1970 → p. 192*P. (P.) spinipenne* (Laporte de Castelnau & Gory, 1835) → p. 194*subtile* species group*P. (P.) subtile* W. Horn, 1904 → p. 199*P. (P.) andranobense* **sp. nov.** → p. 203*P. (P.) abadie* Rivalier, 1965 → p. 206*P. (P.) hamulipennis* W. Horn, 1934 → p. 209*P. (P.) tortipennis* W. Horn, 1934 → p. 214*P. (P.) densepunctatum* Rivalier, 1970 → p. 218*P. (P.) heteropunctatum* Moravec, 2000 → p. 221

<i>subtiligrossum</i> species group	
<i>P. (P.) subtiligrossum subtiligrossum</i> W. Horn, 1934	→ p. 225
<i>P. (P.) subtiligrossum rufomaxillaris</i> Cassola & Adriamampianina, 1998 ..	→ p. 229
<i>P. (P.) subtiligrossum pacholatkoii</i> Moravec, 2003	→ p. 230
<i>srnkai</i> species group	
<i>P. (P.) externespinosum</i> W. Horn, 1927	→ p. 233
<i>P. (P.) impressum</i> Rivalier, 1970	→ p. 236
<i>P. (P.) subgibbosum</i> Moravec, 2000	→ p. 238
<i>P. (P.) srnkai</i> W. Horn, 1893	→ p. 241
<i>gibbosum</i> species group	
<i>P. (P.) gibbosum</i> Rivalier, 1970	→ p. 245
<i>P. (P.) densisculptum</i> Moravec, 2003 stat. nov.	→ p. 248
<i>elegans</i> species group	
<i>P. (P.) elegans</i> (Brullé in Audouin & Brullé, 1834)	→ p. 251
<i>P. (P.) alluaudi</i> W. Horn, 1898	→ p. 257
<i>P. (P.) praetervisum</i> Moravec, 2005	→ p. 261
<i>P. (P.) rivalieri</i> Moravec, 2005	→ p. 265
<i>P. (P.) atrorotundatum</i> W. Horn, 1934	→ p. 269
<i>P. (P.) litigiosum</i> Rivalier, 1970	→ p. 274
<i>P. (P.) majungamum</i> Jeannel, 1946	→ p. 279
<i>P. (P.) brullei</i> (Laporte de Castelnau & Gory, 1835)	→ p. 283
<i>P. (P.) differens</i> Cassola and Andriamampianina, 2001	→ p. 285
<i>P. (P.) sudiferum</i> Rivalier, 1965	→ p. 287
<i>P. (P.) ankaranense</i> Deuve, 1986	→ p. 290
<i>P. (P.) meridionale</i> Fleutiaux, 1899	→ p. 291
Subgenus <i>Transstenocera</i> subgen. nov.	
<i>P. (T.) sikorai</i> W. Horn, 1894	→ p. 295
Subgenus <i>Dipogonum</i> subgen. nov.	
<i>P. (D.) anthracinum</i> (Laporte de Castelnau & Gory, 1835)	→ p. 300
Subgenus <i>Sexpogonum</i> subgen. nov.	
<i>P. (S.) microtuberculatum</i> W. Horn, 1934	→ p. 305
Subgenus <i>Mitopogon</i> Rivalier, 1970	
<i>P. (M.) ovicolle</i> W. Horn, 1893	→ p. 310
<i>P. (M.) ranomafanense</i> sp. nov.	→ p. 314
Subgenus <i>Microstenocera</i> Jeannel, 1946	
<i>basidilatatum</i> species group	
<i>P. (M.) basidilatatum</i> W. Horn, 1909	→ p. 318
<i>P. (M.) deuvei</i> Moravec, 2000	→ p. 322
<i>P. (M.) propripennis</i> Moravec, 2000	→ p. 324
<i>maculicorne</i> species group	
<i>P. (M.) maculicorne</i> W. Horn, 1934	→ p. 327
<i>P. (M.) dolini</i> sp. nov.	→ p. 331
<i>excisoclavipennis</i> species group	
<i>P. (M.) excisoclavipennis</i> W. Horn, 1934	→ p. 335
<i>P. (M.) andreii</i> Moravec, 1999	→ p. 337
<i>P. (M.) juergenwiesneri</i> sp. nov.	→ p. 341
<i>schaumi</i> species group	
<i>P. (M.) humbloti</i> Rivalier, 1970	→ p. 344
<i>P. (M.) schaumii</i> W. Horn, 1893	→ p. 345
<i>P. (M.) mathiauxi</i> Jeannel, 1946	→ p. 349
<i>P. (M.) parallelum</i> W. Horn, 1909	→ p. 351
<i>P. (M.) horni</i> Fleutiaux, 1899	→ p. 353
<i>fleutiauxi</i> species group	
<i>P. (M.) skrabali</i> Moravec, 2000	→ p. 358
<i>P. (M.) andreevae</i> sp. nov.	→ p. 361
<i>P. (M.) fleutiauxi</i> W. Horn, 1905	→ p. 364
<i>P. (M.) globulithorax</i> Jeannel, 1946	→ p. 367
<i>P. (M.) basale</i> Fleutiaux, 1899	→ p. 371
<i>P. (M.) rugosiceps</i> Rivalier, 1970	→ p. 375

<i>beananae</i> species group	
<i>P. (M.) beananae</i> Rivalier, 1963	→ p. 377
<i>P. (M.) moestum</i> Rivalier, 1970	→ p. 380
<i>pusillum</i> species group	
<i>P. (M.) pusillum</i> (Laporte de Castelnau & Gory, 1835)	→ p. 384
<i>P. (M.) vybiralii</i> Moravec, 2000	→ p. 387
<i>P. (M.) laportei</i> W. Horn, 1900	→ p. 390
<i>P. (M.) dohnali</i> Moravec, 2000	→ p. 392
<i>P. (M.) inerme</i> Jeannel, 1946	→ p. 395
<i>P. (M.) flavomaculatum</i> W. Horn, 1892	→ p. 398
<i>P. (M.) sawadai</i> sp. nov.	→ p. 402
<i>minimum</i> species group	
<i>P. (M.) minimum</i> Fleutiaux, 1899	→ p. 405
<i>P. (M.) levisculptum</i> W. Horn, 1934	→ p. 408
<i>P. (M.) pliskai</i> Moravec, 2003	→ p. 411
<i>P. (M.) sicardi</i> W. Horn, 1927	→ p. 414
<i>P. (M.) perexiguum</i> Moravec, 2000	→ p. 417
<i>P. (M.) parvulum</i> Rivalier, 1970	→ p. 420
<i>P. (M.) geniculatum</i> Jeannel, 1946	→ p. 422
<i>P. (M.) fabiocassolai</i> Moravec, 2003	→ p. 424
<i>P. (M.) janvybiralii</i> sp. nov.	→ p. 427
Subgenus <i>Mantistenocera</i> subgen. nov.	
<i>P. (M.) nigricans</i> Klug, 1835	→ p. 430
<i>P. (M.) pallipes</i> Rivalier, 1970	→ p. 436
<i>P. (M.) mocquerysi</i> Fleutiaux, 1899	→ p. 438
<i>P. (M.) zasterai</i> Moravec, 2003	→ p. 441
<i>P. (M.) delphinense</i> Jeannel, 1946	→ p. 445
Subgenus <i>Microgeniatum</i> Rivalier, 1970	
<i>P. (M.) pseudominimum</i> W. Horn, 1934	→ p. 447
<i>P. (M.) flavopalpale</i> Jeannel, 1946	→ p. 450
<i>P. (M.) infimum</i> Rivalier, 1970	→ p. 452
Subgenus <i>Hornogeniatum</i> subgen. nov.	
<i>P. (H.) gladiator</i> W. Horn, 1934	→ p. 455
Subgenus <i>Leptopogonum</i> Rivalier, 1970	
<i>P. (L.) phalangioide</i> Rivalier, 1970	→ p. 458

Genus *Pogonostoma* Klug, 1835

Pogonostoma Klug, 1835: 382.

Type species: *Pogonostoma chalybaeum* Klug, 1835: 383 (subsequent designation by Horn 1915: 455).

Stenocera Brullé in Audouin & Brullé, 1834: 109; *nomen oblitum*.

Type species: *Stenocera elegans* Brullé in Audouin & Brullé, 1834 (by original designation).

Psilocère Brullé in Audouin & Brullé, 1834: 470; invalid vernacular name.

Psilocera Laporte de Castelnau & Gory 1835: 1 (created new name for *Psilocère*). Non *Psilocera* Walker, 1833! (Hymenoptera).

Type species: *Stenocera elegans* Brullé in Audouin & Brullé, 1834.

Tachybaenus Dejean, 1836: 6 (synonymy by Fleutiaux 1892: 148).

Type species: *Stenocera elegans* Brullé in Audouin & Brullé, 1834 (subsequently designated here).

Pogonostoma: Chaudoir 1860: 2; Künckel 1887: pl. 23; Fleutiaux 1892: 148; Horn 1908: 85; 1926: 12; 1934a: 9; 1934b: 7; 1938: 120; Olsoufieff 1834: 39; Jeannel 1964: 109; Rivalier 1970: 1.

Substantiation for the preservation of the name *Pogonostoma* Klug, 1835. The name *Stenocera* Brullé in Audouin & Brullé, 1834, a senior subjective synonym of *Pogonostoma* (see Bousquet 2002) is considered here a *nomen oblitum*. The name was replaced by Brullé in Audouin & Brullé (1834: 470) with unavailable French name *Psilocère*