

Henrik Steinmann
World Catalogue of Odonata
Volume II Anisoptera

DAS TIERREICH

The Animal Kingdom

Eine Zusammenstellung und Kennzeichnung der rezenten Tierformen
A Compilation and Characterization of the Recent Animal Groups

Πάντα ἄεϊ

Sine systemate chaos

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Henrik Steinmann

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Volume II Anisoptera



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Catalogue

Suborder **Anisoptera**

More or less robust „Dragonflies“. Eyes not separated by a space greater than their own diameter. Wings usually held horizontally or depressed when at rest; hind wing always more or less broader near base than fore wing. *Dc* divided into triangle (*trg*) and supratriangle (*strg*). Anal vein well developed. Male with one inferior anal appendage which is above the anus. Penile organ attached to the 3rd abdominal sternite. Larva with rectal tracheal gills and jet propelled (except in Petaluridae).

1840 **Anisoptera** SELYS, Monogr. Libell. europ., Paris: 96. – *Anisoptera* – SELYS, Mon. Cal.: 1 (defined as tribe of the suborder Odonata). – 1858 *Anisoptera* – SELYS, Mém. Soc. r. Sci., Liège, **11**: 261. – 1887 *Anisoptera* – SELYS, Ann. Soc. ent. Belg., **31**: 8. – 1888 **Rectibranchiata** SELYS, Ann. Soc. ent. Belg., **32**: 71. – 1912 *Anisoptera* – BARTENEV, Zool. Jb. (Syst.), **32**: 221. – 1905 *Anisoptera* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 714 (revision, key to families Libellulidae, Corduliidae, Aeschnidae, Cordulegasteridae, Gomphidae). – 1913 *Anisoptera* – TILLYARD, Proc. Linn. Soc., N.S. Wales, **37**: 572. – 1921 *Anisoptera* – RIS, Annls S.Afr. Mus., **18**: 337 (key to South African families; Aeschnidae, Gomphidae, Libellulidae, Cordulidae). – 1926 *Anisoptera* – LIEFTINCK, Tijdsch. Ent., **69**: 85 (key to Holland families, subfamilies and genera). – 1928 *Anisoptera* – TILLYARD, Rec. Indian Mus., **30**: 151. – 1932 *Anisoptera* – NEEDHAM, Rec. Indian Mus., **34**: 198 (key to Indian families and subfamilies). – 1940 *Anisoptera* – TILLYARD & FRASER, Austr. Zool., **9**: 363 (key to families Aeschnidae, Gomphidae, Cordulegasteridae, Petaluridae, Corduliidae, Libellulidae). – 1962 *Anisoptera* – PINHEY, Publ. cult. Comp. Diam Angola, **59**: 165 (key to African superfamilies: Aeshnoidea, Libelloloidea). – 1962 *Anisoptera* – LIEFTINCK, Insects of Micronesia, **5** (1): 65. – 1954 *Anisoptera* – BRUES, MELANDER & CARPENTER, Classification of Insects, Cambridge (Mass.): 202 (key to families). – 1985 *Anisoptera* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 1 (with superfamilies Aeshnoidea, Cordulegasteroidea, Libelluloidea). – 1986 *Anisoptera* – CARLE, Odonatologica, **15** (3): 279 (key to superfamilies).

Superfamily **Aeshnoidea**

Trg in fore and hind wings somewhat similar in shape and equally distal from *arc*. Base of hind wing of male usually angulated. Primary antenodals evident. Auricles usually present on segment 2 of male. Larva elongated, labial mask flattened usually with no setae, lateral lobes narrow, indented in larva and imago.

1840 **Aeshnoidea** SELYS, Monogr. Libell. europ., Paris: 98. – 1910 *Aeshnoidea* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 74 (with subfamilies Petalurinae, Cordulegasterinae, Gomphinae, Aeshninae). – 1940 *Aeshnoidea* – TILLYARD & FRASER, Austr. Zool., **9**: 369 (with families Gomphidae, Petaluridae, Aeshnidae). – 1957 *Aeshnoidea* – FRASER, R. Zool. Soc. N.S. Wales, **1957**: 90 (key to families Aeshnidae, Petaluridae, Gomphidae). – 1985 *Aeshnoidea* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 1 (with families Aeshnidae, Gomphidae, Neopetaluridae, Petaluridae).

Family Aeshnidae

Large or very large Anisoptera. Eyes confluent. Ovipositor present. *Trg* elongate, crossed and similar in all wings; discoidal field subtending 3 rows of cells; median space entire; *MA* fused with *Riv* near distal end; *IRiii* forked just before level of stigma. 4 rows of cells between *RSpl-MSpl* and *IRiii-MA*.

1839 **Aeshnidae** BURMEISTER, Handb. Ent., 2: 24. – 1842 *Aeshnides* – RAMBUR (as family), Hist. nat. Ins. Neuropt., Paris: 181 (revision, with genera *Anax*, *Aeschna*, *Gynacantha*). – 1858 *Aeshnidae* – SELYS (defined as family). Mém. Soc. r. Sci., Liège, 11: 262. – 1850 *Aeshnidae* – SELYS & HAGEN, Revue des Odonates, Paris: 81 (with genera *Gomphus*, *Lindenia*, *Cordulegaster*, *Anax*, *Aeschna*). – 1861 *Aeshnina* – HAGEN, Syn. Neur. N.Amer., Washington: 98 (as tribe). – 1876 **Dynamophlebiae** BUCHECKER, Syst. Ent., 13: ?. – 1903 *Aeshnidae* – NEEDHAM, Proc. U.S. natn. Mus., 26: 711. – 1910 *Aeshnidae* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, 1 (1): 74 (with subfamilies Petalurinae, Cordulegasterinae, Libellulinae, Aeshninae). – 1926 *Aeshnidae* – OGUMA, Ins. matsum., 1 (2): 78. – 1940 *Aeshnidae* – TILLYARD & FRASER, Austr. Zool., 9: 374. – 1957 *Aeshnidae* – FRASER, R. Zool. Soc. N.S. Wales, 1957: 95 [with subfamilies (division Brachytrini:) Brachytrinae, Neopetalurinae, Gomphaeschninae, (division Aeshnini:) Anactinae, Aeshninae, Gynacanthinae, Polycanthaginae]. – 1973 *Aeshnidae* – BELYSHEV, The Dragonflies of Siberia, 1 (2): 390 (revision, and key to Siberian genera). – 1977 *Aeshnidae* – KHARITONOV, Identification of insects, Leningrad, 1: 157 (key to russian genera). – 1985 *Aeshnidae* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 1 (with subfamilies Aeshninae, Brachytroninae). – 1989 *Aeshnidae* – CARVALHO, Odonatologica, 18 (4): 329 (key to Brazilian genera: *Staurophlebia*, *Neuraeschna*, *Coryphaeschna*, *Gynacantha*, *Anax*, *Tricantagyna*, *Limnetron*, *Castoraeschna*, *Aeshna*).

Subfamily Aeshninae

Venation rather close but median space uncrossed. *Riv* and *MA* gradually converging and either fusing or joined by oblique vein. *MA* vanishes at distal end.

1842 **Aeshninae** RAMBUR, Ins. Neur.: 181 (established as family). – 1868 *Aeshninae* – BRAUER, Verh. Zool.-Bot. Ges. Wien, 18: 12 (table of genera). – 1883 *Aeshninae* – SELYS, Bull. Acad. r. Belg., (3) 5: 708 (synopsis of genera). – 1896 *Aeshninae* – MCLACHLAN, Ann. Mag. nat. Hist., (6) 17: 409. – 1903 *Aeshninae* – NEEDHAM, Proc. U.S. natn. Mus., 26: 734. – 1908 *Aeshninae* – MARTIN, Coll. Zool. Edm. de Selys Longchamps, Bruxelles, 18: 3 (revision, with genera *Anax*, *Hemianax*, *Anaciaeschna*, *Aeshna*). – 1908 *Aeshninae* – TILLYARD, Proc. Linn. Soc. N.S. Wales, 33: 428 (key to Australian genera). – 1910 *Aeshninae* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, 1 (1): 101 (with American genera). – 1916 *Aeshninae* – TILLYARD, J. Linn. Soc. London, Zool., 33: 1. – 1921 *Aeshninae* – RIS, Annls S. Afr. Mus., 18: 356 (key to genera *Gynacantha*, *Anaciaeschna*, *Anax*, *Hemianax*). – 1923 *Aeshninae* – LAIDLAW, Proc. U.S. natn. Mus., 62: 4 (revision, key to Oriental genera). – 1926 *Aeshninae* – OGUMA, Ins. matsum., 1 (2): 86 (key to genera *Anax*, *Boyeria*, *Jagoria*, *Anaciaeschna*, *Aeschna*, *Gynacantha*, *Aeshnophlebia*, *Austroaeschna*). – 1932 *Aeshninae* – NEEDHAM, Rec. Indian Mus., 34: 212 (key to Indian genera). – 1940 *Aeshninae* – TILLYARD & FRASER, Austr. Zool., 9: 378. – *Aeshninae* – MORERA, Inst. Esp. Ent. Madrid: 41 (key to Spanish genera). – 1962 *Aeshninae* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 190 (key to African genera). – 1977 *Aeshninae* – BELYSHEV & KHARITONOV, Nauka, Novosibirsk: 66 (key to boreal genera). – 1985 *Aeshninae* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 1 (with tribes Aeshnini, Anactini, Gynacanthagini, Polycanthagini).

Tribe Aeshnini

Often enamel blue and green colouring. Triangles elongated and reticulated. Hind wing of male usually angulated at base with oreillets on segment 2. *Riii* not bent towards stigma, anal triangle present. Female with simple rounded finely spined dentigerous plate under segment 10.

1984 **Aeshnini** DAVIES & TOBIN, *The Dragonflies of the World*, Utrecht, **2**: 1 (with genera *Aeshna*, *Amphiaeschna*, *Castoraeschna*, *Coryphaeschna*, *Hesperaeschna*, *Indaeschna*, *Oreaeschna*).

Genus *Aeshna* FABRICIUS

1775 ***Aeshna*** FABRICIUS, *Syst. Ent.*: 424. Type species: *Libellula vulgatissima* LINNAEUS, 1758 (designated by KIRBY, 1890, *Syn. Cat. Neur.-Odon.*, London: 86). – 1802 ***Aeschna*** ILLIGER, *Mag. Ins.*, **1**: 126. – 1890 *Aeshna* – KIRBY, *Syn. Cat. Neur.-Odon.*, London: 86. – 1905 *Aeschna* – JACOBSON & BIANKI, *Pryam. lozhnos. Ross. imp.*: 763 (with subgenus *Cnemophila* WALLENGREEN, 1894) (key to species). – 1905 ***Cnemophila*** WALLENGREEN, 1894 – loc. cit. JACOBSON & BIANKI, *Pryam. lozhnos. Ross. imp.*: 763 (as subgenus of *Aeschna*). – 1908 *Aeschna* – MARTIN, *Coll. Zool. Selys de Longchamps*, **18**: 79 (revision, key to species). – 1909 ***Rhionaeschna*** FÖRSTER, *Jb. Nassau. Ver. Naturk. Wiesbaden*, **62**: 220. Type species: *Rhionaeschna maita* FÖRSTER, 1909 (original designation). – 1911 ***Marmaraeschna*** NAVÁS, *Rev. Mus. Paulista*, **8**: 478. Type species: *Aeshna intricata* MARTIN, 1908 (original designation). – 1911 ***Neureclipta*** NAVÁS, *Rev. Mus. Paulista*, **8**: 478. Type species: *Aeshna bonariensis* RAMBUR, 1842 (designated by COWLEY, 1934, *Entomologist*, **67**: 257 – 1912 *Aeschna* – WALKER, *Toronto Stud. Univ. Biol.*, **11**: 1. – ***Hesperaeschna*** COCKERELL, *Proc. U.S. natn. Mus.*, **45**: 581. Type species: *Aeschna californica* CALVERT, 1895 (original designation). – 1913 *Rhionaeschna* – RIS, *Mém. Soc. ent. Belg.*, **22**: 83. – 1916 *Aeschna* – RIS, *Arch. Naturg.*, (A) **82**: 156. – 1921 *Aeschna* – RIS, *Annls S. Afr. Mus.*, **18**: 361 (key to South African species). – 1923 ***Secundaeschna*** GÖTZ, *Mitt. münch. ent. Ges.*, **13**: 39 (new name for *Aeschna* ILLIGER, 1802, nec *Aeshna* FABRICIUS, 1775). Type species: *Libellula juncea* LINNAEUS, 1758 (original designation). – 1923 *Aeschna* – LAIDLAW, *Proc. U.S. natn. Mus.*, **62**: 18 (list of Oriental species). – 1926 *Aeschna* – OGUMA, *Ins. matsum.*, **1** (2): 82 (key to Japanese species). – 1930 *Aeschna* – BARTENEF, *Zool. Anz.*, Leipzig, **89**: 51 (key to palaeartical species). – 1934 *Neureclipta* – COWLEY, *Entomologist*, **67**: 252. – 1936 *Aeshna* – LONGFIELD, *Trans. R. ent. Soc. London*, **85**: 480 (type: *Libellula grandis* LINNAEUS, 1758). – 1934 *Secundaeschna* – COWLEY, *Entomologist*, **67**: 250 (proposed synonymy with *Aeshna* FABRICIUS, 1775). – 1950 *Aeschna* – MORERA, *Inst. Esp. Ent. Madrid*: 47 (key to Spanish species). – 1952 ***Aeshna* (*Schizuraeschna*)** CALVERT, *Ent. News*, **63**: 256. Type species: *Aeschna multicolor* HAGEN, 1861 (original designation). – 1952 *Hesperaeschna* – CALVERT, *Ent. News*, **63**: 254. – 1952 *Marmaraeschna* – CALVERT, *Ent. News*, **63**: 256. – 1952 *Aeshna* (*Neureclipta*) – CALVERT, *Ent. News*, **63**: 257. – 1954 *Aeshna* – LONGFIELD, *Entomologist's month. Mag.*, **90**: 146 („FABRICIUS spelt the name without „c“ in all his works, but never defined the word. The spelling in 1802 is a nomen emandatum without validity, as no lapsus calami can be proved.“). – 1956 *Aeshna* – CALVERT, *Mem. Am. ent. Soc.*, **15**: 1 (revision, key to Neotropical subgenera, and species) (with subgenera *Aeshna*, *Hesperaeschna*, *Rhionaeschna*, *Schizuraeschna*, *Marmaraeschna*, *Neureclipta*). – 1956 *Aeshna* (*Hesperaeschna*) – CALVERT, *Mem. Am. ent. Soc.*, **15**: 21 (revision, key to species). – 1956 *Aeshna* (*Marmaraeschna*) – CALVERT, *Mem. Am. ent. Soc.*, **15**: 109 (revision, key to species). – 1956 *Aeshna* (*Rhionaeschna*) – CALVERT, *Mem. Am. ent. Soc.*, **15**: 98 (revision, key to species). – 1956 *Aeshna* (*Schizuraeschna*) – CALVERT, *Mem. Am. ent. Soc.*, **15**: 100 (revision, key to species). – 1956 *Aeshna* (*Neureclipta*) – CALVERT, *Mem. Am. ent. Soc.*, **15**: 125 (revision, key to species). – 1956 *Aeshna* – FRASER, *R. Ent. Soc. London*, **1** (10): 35 (key to British species). – 1973 *Aeshna* – BELYSHCHEV, *The Dragonflies of Siberia*, **1** (2): 397 (revision, key to Siberian species). – 1977 *Aeschna* – POPOVA, *Gidrometeoizdat, Leningrad*: 279 (key to species of the European part of Russia). – 1984 *Aeshna* – STEINMANN, *Fauna Hung.*, **160**: 59 (key to European species).

affinis VAN DER LINDEN

- 1823 *Aeschna affinis* VAN DER LINDEN, Opusc. Sci., 4: 102. Type male: Mus. Naturk., Berlin; type-locality: Italy: Bologna.
- 1876 *Aeschna landoltii* BUCHECKER, Syst. Ent.Odonata, 1: 14. Type: not given; type-locality: Zürich.
- 1905 *Aeschna affinis* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 766 (Europe, Asia Minor).
- 1905 *Aeschna landoltii* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 766 (proposed synonymy with *affinis* VAN DER LINDEN, 1823).
- 1908 *Aeschna affinis* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 42 (Europe, Algeria, Asia Minor).
- 1948 *Aeschna affinis* – AKRAMOVSKI, Zool. Zborn., Moscow, 5: 167 (Armenia).
- 1950 *Aeshna affinis* – MORERA, Inst. Esp. Ent., Madrid: 52 (Spain).
- 1961 *Aeshna affinis* ab. *flaveola* BELYSHEV, Fragm. Faun. Warszawa, 9(4): 35. Male from Kazakhstan.

Distribution: Southern Europe, North Africa, Asia Minor, Middle East to China.

andresi RACENIS

- 1958 *Aeshna andresi* RACENIS, Acta biol. venezuel., 2: 324. Type male: ? Mus. Biol., Caracas; type-locality: Venezuela.

Distribution: Venezuela

annulata FABRICIUS

- 1798 *Aeschna annulata* FABRICIUS (nec LATREILLE, 1805), Ent. Syst. Suppl.: 286. Type male: not given; type-locality: India.
- 1908 *Aeschna annulata* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 64 (India).
- 1920 *Gynacantha millardi* FRASER, J. Bombay nat. Hist. Soc., 27: 147. Type male: British Museum (Nat. Hist.), London; type-locality: Poona.
- 1923 *Gynacantha millardi* – LAIDLAW, Proc. U.S. natn. Mus., 62: 20 (India).
- 1924 *Gynacantha millardi* – FRASER, Rec. Indian Mus., 26: 466.
- 1926 *Gynacantha millardi* – FRASER, Treubia, 8 (3–4): 479 (Java).
- 1966 *Acanthagyna millardi* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), 18: 204.
- 1985 *Gynacantha millardi* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 13 (proposed synonym with *annulata* FABRICIUS, 1798).

Distribution: India, Java.

athalia NEEDHAM

- 1930 *Aeschna athalia* NEEDHAM, Zool. Sinica, (A) 11: 92. Type male: unknown; perhaps in Heude Mus., Shanghai; type-locality: China.

Distribution: China.

baicalensis BELYSHEV

- 1985 *Aeshna baicalensis* BELYSHEV, 1962 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 2.

Distribution: Siberia.

biliosa KENNEDY

- 1938 *Aeshna biliosa* KENNEDY, Ann. ent. Soc. Amer., 31: 573. Type male: Kennedy's Collection; type-locality: Ecuador.
- 1939 *Aeshna biliosa* – KENNEDY, Ann. ent. Soc. Amer., 32: 344 (description of female).
- 1956 *Aeshna* (*Hesperaeschna*) *biliosa* – CALVERT, Mem. Am. ent. Soc., 15: 72 (Ecuador, Peru) (redescription).

Distribution: Ecuador, Peru.

bonariensis RAMBUR

- 1842 *Aeshna bonariensis* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 204. Type sex not given, perhaps in Serville's Collection; type-locality: Buenos Aires.
- 1908 *Aeshna bonariensis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 51 (redescription) (Brazil).
- 1908 *Aeschna dichrostigma* (SELYS) – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 53 (proposed synonymy with *bonariensis* RAMBUR, 1842).
- 1911 *Aeschna litigatrix* NAVÁS, Rev. Mus. Paulista, **8**: 476. Type male: unknown; type-locality: Brazil.
- 1916 *Aeshna bonariensis* – RIS, Arch. Naturg., (A) **82**: 158 (Argentina).
- 1920 *Aeshna bonariensis* var. *lutea* NAVÁS, Mem. Acc. Nuovi Lincei, **5**: 11. Male from Argentina.
- 1927 *Aeshna bonariensis* – NAVÁS, Revista Ent., **1927**: 23 (Chile).
- 1947 *Aeshna bonariensis* – FRASER, Acta Zool. Iilloana, **4**: 448 (Argentina, Uruguay, Patagonia).
- 1952 *Neureclipta bonariensis* – CALVERT, Ent. News, **63**: 257.
- 1956 *Aeshna (Neureclipta) bonariensis* – CALVERT, Mem. Am. ent. Soc., **15**: 140 (Argentina, Brazil, Uruguay) (redescription).

Distribution: South America.

brevifrons HAGEN

- 1861 *Aeschna brevifrons* HAGEN, Syn. N.Amer., Neur., Washington: 129. Type male: Hagen's Collection; type-locality: Acapulco.
- 1890 *Aeschna brevifrons* – KIRBY, Syn. Cat. Neur.-Odon., London: 88 (Mexico to Chile).
- 1908 *Aeschna brevifrons* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 58 (Mexico, Venezuela, Peru, Chile) (type in Naturhist. Mus. Wien).
- 1943 *Aeschna brevifrons* – SCHMIDT, Beitr. Fauna Perus, **2**: 257 (Peru).
- 1952 *Marmaraeschna brevifrons* – CALVERT, Ent. News, **63**: 256.
- 1956 *Aeshna (Marmaraeschna) brevifrons* – CALVERT, Mem. Am. ent. Soc., **15**: 110 (Mexico, Peru, Chile, Venezuela) (redescription).

Distribution: Mexico to Chile.

brevistyla RAMBUR

- 1842 *Aeshna brevistyla* RAMBUR, Hist. nat. ins. Neuropt., Paris: 205. Type male: Selys's Collection; type-locality: Australia.
- 1901 *Aeschna brevistyla* – MARTIN, Mém. Soc. Zool. France, **14**: 233 (Australia, New Zealand).
- 1908 *Aeschna brevistyla* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 53 (Australia, New Zealand) (redescription).
- 1916 *Aeschna brevistyla* – TILLYARD, J. Linn. Soc. London, **33**: 62.
- 1916 *Aeschna brevistyla* f. *oblita* TILLYARD, J. Linn. Soc. London, **33**: 62. Male from Australia.
- 1916 *Aeschna brevistyla* f. *lineata* TILLYARD, J. Linn. Soc. London, **33**: 62. Male from Australia.

Distribution: Australia, New Zealand.

coerulea (STRÖM)

- 1764 *Libellula squamata* MÜLLER, Faun. Fridr.: 62 (misidentification).
- 1783 *Libellula coerulea* STRÖM, Nye Saml. af K. Danske Vid. Selsk. Skrift., **2**: 90. Type male: Univ.zool. Mus., København; type-locality: Denmark.
- 1840 *Aeschna borealis* ZETTERSTEDT, Ins. Lapp.: 1040. Type sex and locality unknown.
- 1890 *Libellula squamata* – KIRBY, Syn. Cat. Neur.-Odon. London: 87 [proposed synonymy with *caerulea* (Ström, 1783)].
- 1890 *Aeschna borealis* – KIRBY, Syn. Cat. Neur.-Odon., London: 87 [proposed synonymy with *caerulea* (STRÖM, 1783)].
- 1905 *Aeschna squamata* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 764 (as valid taxon).
- 1908 *Aeschna borealis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 38 (North Europe, Alps, Siberia).

1908 *Libellula caerulea* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 38 (proposed synonymy with *borealis* ZETTERSTEDT, 1840).

1954 *Aeshna caerulea* – LONGFIELD, Entomologist's month. Mag., **90**: 147.

1956 *Aeshna caerulea* – FRASER, R. Ent. Soc. London, **1** (10): 36 (Scotland).

Distribution: Scandinavia, Scotland, Poland, Hungary, Alps, Siberia, North America.

californica CALVERT

1875 *Aeschna californica* HAGEN, Proc. Boston Soc. nat. Hist., **18**: 33 (without description).

1895 *Aeschna californica* – CALVERT, Proc. Cal. Acad., (2) **4**: 504. Type male: Calif. Acad.; type-locality: California.

1908 *Aeschna californica* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 47 (California, Utah, Nevada, Colombia).

1910 *Aeschna californica* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 109.

1913 *Hesperaeschna californica* – COCKERELL, Proc. U.S. natn. Mus., **45**: 581 (as genotype of *Hesperaeschna* COCKERELL, 1913).

1956 *Aeshna (Hesperaeschna) californica* – CALVERT, Mem. Am. ent. Soc. **15**: 22 (Georgia, British Columbia, Utah, Arizona).

Distribution: U.S.A.

canadensis WALKER

1908 *Aeshna canadensis* WALKER, Canad. Ent., **40**: 382. Type male: U.S. Nation. Mus., Washington; type-locality: New England.

1908 *Aeshna clepsydra* MARTIN (nec SAY, 1839), Coll. Zool. Selys de Longchamps, **18**: 36. Type male: Selys's Collection; type-locality: New England.

1910 *Aeshna clepsydra* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 109 (proposed synonymy with *canadensis* WALKER, 1908).

Distribution: New England.

clepsydra SAY

1839 *Aeschna clepsydra* SAY (nec MARTIN, 1908), Jn Acad. Philad., **8**: 12. Type male: Boston Mus.; type-locality: North America.

1861 *Aeschna maxima* HISINGER (KIRBY, 1890, cites HEIKEL as author), Not. Faun. Flor. Fenn., **6**: 117. Type: unknown; type-locality: Finland.

1872 *Aeschna arundinacea* SELYS, Ann. Soc. Ent. Belg., **15**: 36. Type male: Selys's Collection; type-locality: not given.

1905 *Aeschna arundinacea* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 764 (incorrect synonymy with *crenata* HAGEN, 1856).

1908 *Aeschna clepsydra* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 36 (U.S., Canada, Alaska, Amur. Irkutsk).

1910 *Aeshna clepsydra* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 109 (New England, Ontario).

1910 *Aeschna maxima* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 109 (proposed synonymy with *clepsydra* SAY, 1839).

1910 *Aeschna arundinacea* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 109 (proposed synonymy with *clepsydra* SAY, 1839).

1926 *Aeschna arundinacea* – OGUMA, Ins. matsum., **1** (2): 81 (as valid taxon) (Japan).

Distribution: Holarctic region.

confusa RAMBUR

1842 *Aeshna confusa* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 205. Type female: Serville's Collection; type-locality: Buenos Aires.

- 1908 *Aeschna confusa* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 52 (redescription) (Brazil, Uruguay).
 1927 *Aeshna confusa* – NAVÁS, Revista Ent., **1927**: 23 (Argentina).
 1931 *Aeschna confusa* – SCOTT, Entomologist's month. Mag., **67**: 279.
 1956 *Aeshna (Hesperaeschna) confusa* – CALVERT, Mem. Am. ent. Soc., **15**: 30 (Brazil, Uruguay, Chile, Argentina).

Distribution: Brazil, Uruguay, Argentina, Chile.

constricta SAY

- 1839 *Aeschna constricta* SAY (nec SCUDDER, 1866 → *umbrosa* WALKER, 1908, and nec CALVERT, 1895 → *palmata* HAGEN, 1858), Jl Acad. Philad., **8**: 11. Types: lost; type-locality: unknown.
 1861 *Aeschna constricta* – HAGEN, Syn. Neur. N.Amer., Washington: 123 [neotype male: Agassiz Mus., Cambridge (Mass.)].
 1905 *Aeschna constricta* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 767 (Californica, Kamtchatka).
 1908 *Aeschna constricta* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 47 (California, Maryland, Colorado, Labrador, Brazil, Siberia).
 1910 *Aeshna constricta* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 109 (Atlantic Coast to Dakota).

Distribution: Holarctic region, and Brazil.

cornigera cornigera BRAUER

- 1865 *Aeschna cornigera* BRAUER, Verh. Zool.-Bot. Ges. Wien, **15**: 906. Type male: not given, perhaps in Naturhist. Mus., Wien; type-locality: Colombia.
 1899 *Aeschna cornigera* – CALVERT, Proc. Calif. Acad. Sci. (3) Zool., **1** (2): 408.
 1908 *Aeshna cornigera* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 46 (redescription) (South America, and Mexico).
 1916 *Aeshna cornigera* – RIS, Arch. Naturg., (A) **82**: 157 (Mexico, Colombia, Ecuador, Bolivia, Brazil, Argentina).
 1943 *Aeschna cornigera* – SCHMIDT, Beitr. Fauna Perus, **2**: 257 (Argentina to Peru, Colombia).
 1947 *Aeshna cornigera* – FRASER, Acta Zool. lilloana, **4**: 446 (Argentina).
 1953 *Aeshna cornigera cornigera* – RÁCENIS, Annlis Univ. Centr. Venez., **35**: 37.
 1956 *Aeshna (Hesperaeschna) cornigera* – CALVERT, Mem. Am. ent. Soc., **15**: 34 (key to subspecies).

Distribution: South America.

cornigera planaltica CALVERT

- 1952 *Aeshna (Hesperaeschna) cornigera planaltica* CALVERT, Ent. News, **63**: 255. Type male: Calvert's Collection; type-locality: Brazil.
 1956 *Aeshna (Hesperaeschna) cornigera planaltica* – CALVERT, Mem. Am. ent. Soc., **15**: 43 (Ecuador, Peru, Bolivia, Brazil, Argentina, Paraguay, Uruguay) (redescription).

Distribution: South America.

crenata HAGEN

- 1856 *Aeschna crenata* HAGEN, Stettiner ent. Ztg., **17**: 369. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: Irkutsk.
 1887 *Aeschna crenata* – SELYS, Ann. Soc. ent. Belg., **31**: 60.
 1905 *Aeschna crenata* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 764.
 1921 *Aeschna crenata* – VALLE, Acta soc. fauna et fl. Fenn., **48** (5): 27 (Finland).
 1973 *Aeschna crenata muttkowskii* BELYSHEV, Trudy biol. Inst. sib. Otd. Acad. Nauk SSSR, **16**: 26. Type male: unknown; type-locality: Russia.

- 1973 *Aeschna crenata* f. *translucida* BELYSHEV, Trudy biol. Inst. sib. Otd. Acad. Nauk SSSR, **16**: 26. Male from East Siberia.

Distribution: Japan (Hokkaido), Siberia, Mongolia, Finland.

cyanea (MÜLLER)

- 1764 *Libellula cyanea* MÜLLER, Faun. Fridr.: 61. Type male; type-locality: Denmark.
 1782 *Libellula anguis* HARRIS, Exp. Engl. Ins.: 23. Type male: British Museum (Nat. Hist.), London; type-locality: unknown.
 1805 *Aeschna maculatissima* LATREILLE, Hist. nat. Crust. Ins., **13**: 7. Type female: unknown; type-locality: not given.
 1806 *Libellula varia* SHAW, Gen. Zool., **6**: 242. Type sex and locality unknown.
 1890 *Aeschna cyanea* – KIRBY, Syn. Cat. Neur.-Odon., London: 89.
 1890 *Libellula anguis* – KIRBY, Syn. Cat. Neur.-Odon., London: 89 [proposed synonymy with *cyanea* (MÜLLER 1764)].
 1890 *Aeschna maculatissima* – KIRBY, Syn. Cat. Neur.-Odon., London: 89 [proposed synonymy with *cyanea* (MÜLLER, 1764)].
 1890 *Libellula varia* – KIRBY, Syn. Cat. Neur.-Odon., London: 89 [proposed synonymy with *cyanea* (MÜLLER, 1764)].
 1905 *Aeschna cyanea* – JACOBSON & BIANKI, Pryam. lozhnos Ross. imp.: 766.
 1908 *Aeschna cyanea* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 63.
 1940 *Aeshna cyanea* – NIELSEN, Mem. Soc. ent. ital., **19**: 243 (Sardinia).
 1948 *Aeschna cyanea* – AKRAMOVSKI, Zool. Zborn., Moscow, **5**: 166 (Armenia).
 1950 *Aeshna cyanea* – MORERA, Inst. Esp. Ent., Madrid, 50 (Spain).
 1956 *Aeshna cyanea* – FRASER, R. Ent.Soc. London, **1** (10): 35 (England).
 1960 *Aeschna cyanea* – HOFFMANN, Archives, **27**: 228 (Germany, Belgium, France, Holland, Luxembourg).
 1984 *Aeshna cyanea* – STEINMANN, Fauna Hung., **160**: 60 (Hungary).
 1985 *Aeshna bicellulata* GOERTHER, 1948 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 3 (as form of *cyanea* (MÜLLER, 1764) (from Czechoslovakia).

Distribution: Europe (except Ireland, northern Scandinavia, and North Russia), Asia Minor and West Asia.

decessus CALVERT

- 1953 *Aeshna (Hesperaeschna) decessus* CALVERT, Ent. News, **64**: 205. Type male: Calvert's Collection; type-locality: Brazil.
 1956 *Aeshna (Hesperaeschna) decessus* – CALVERT, Mem. Am. ent. Soc., **15**: 88 (Brazil) (redescription).

Distribution: Brazil.

diffinis diffinis RAMBUR

- 1842 *Aeschna diffinis* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 203. Type sex not given: Serville's Collection; type-locality: Chile.
 1855 *Aeschna configurata* HAGEN, Overs. Dansk. Selsk. Vid. Foerhdl., **1855**: 121 (no description).
 1875 *Aeschna configurata* – HAGEN, Proc. Boston, Soc. nat. Hist., **18**: 39 (proposed synonymy with *diffinis* RAMBUR, 1842).
 1908 *Aeschna diffinis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 43 (Chile, Peru, Bolivia).
 1943 *Aeschna diffinis* – SCHMIDT, Beitr. Fauna Perus, **2**: 258 (Chile, Peru, Bolivia).
 1947 *Aeschna diffinis* – FRASER, Acta zool. lilloana, **4**: 446 (Argentina).
 1952 *Neureclipta diffinis* – CALVERT, Ent. News, **63**: 258.

1956 *Aeshna (Neureclipta) diffinis diffinis* – CALVERT, Mem. Am. ent. Soc., **15**: 126 (Peru, Chile, Brazil, Argentina) (redescription).

Distribution: Peru, Chile, Bolivia, Brazil, Argentina.

diffinis absoluta CALVERT

1952 *Aeshna (Neureclipta) diffinis absoluta* CALVERT, Ent. News, **63**: 258. Type male: U.S. natn. Mus., Washington; type-locality: Peru.

1956 *Aeshna (Neureclipta) diffinis absoluta* – CALVERT, Mem. Am. ent. Soc., **15**: 133 (Peru).

Distribution: Peru.

diffinis risi ENDERLEIN

1985 *Aeshna diffinis risi* ENDERLEIN, 1912 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 5.

Distribution: South America.

draco RACENIS

1958 *Aeshna draco* RÁCENIS, Acta biol. venezuel., **2**: 326. Type male: not given; type-locality: Venezuela.

Distribution: Venezuela.

duguesii CALVERT

1905 *Aeshna duguessi* CALVERT, Biol. Cent.-Amer., London: 184. Type male: U.S. natn. Mus., Washington; type-locality: Mexico.

1908 *Aeshna duguesii* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 49 (Mexico).

1956 *Aeshna (Schizuraeschma) duguessi* – CALVERT, Mem. Am. ent. Soc., **15**: 107 (Mexico, Texas).

Distribution: U.S.A.: Texas, Mexico.

eduardoi MACHADO

1985 *Aeshna edurdoi* MACHADO, 1984 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 3.

Distribution: Brazil.

elliotti elliotti KIRBY

1896 *Aeshna elliotti* KIRBY, Ann. Mag. nat. Hist., (6) **17**: 124. Type male: British Museum (Nat. Hist.), London; type-locality: Ruwenzori.

1908 *Aeshna elliotti* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 66 (Afr. orient.)

1934 *Aeshna elliotti* – SCHOUDETEN, Ann. Mus. Congo Belge, Zool., (3) II **3**: 49 (Belgian Congo).

1962 *Aeshna elliotti elliotti* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 191 (Kenya, Uganda, Belgian Congo, Abyssinia).

Distribution: Central Africa.

elliotti usambarica FÖRSTER

1906 *Aeshna usambarica* FÖRSTER, Mannheim Jb. Ver.Nat., **71–72**: 48. Type male: Ann Arbor Mus.; type-locality: Usambara.

1908 *Aeshna usambarica* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 66 (proposed synonymy with *elliotti* KIRBY, 1896).

1962 *Aeshna elliotti usambarica* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 191 (Transvaal, Rhodesia, Tanganyika, Abyssinia).

Distribution: East Africa.

elsia CALVERT

- 1952 *Aeshna (Neureclipta) elsia* CALVERT, Ent. News, **63**: 260. Type male: U.S. natn. Mus., Washington; type-locality: Peru.
 1956 *Aeshna (Neureclipta) elsia* – CALVERT, Mem. Am. ent. Soc., **15**: 134 (Peru).

Distribution: Peru.

eremita SCUDDER

- 1866 *Aeschna eremita* SCUDDER, Proc. Boston Soc. nat. Hist., **10**: 213. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: N. America.
 1875 *Aeschna hudsonica* SELYS, Entomologist's month. Mag., **11**: 242. Type male: Selys's Collection; type-locality: Canada.
 1890 *Aeschna eremita* – KIRBY, Syn. Cat. Neur.-Odon., London: 89 (incorrect synonymy with *crenata* HAGEN, 1856).
 1905 *Aeschna eremita* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 764 (as syn. with *crenata* HAGEN, 1856).
 1908 *Aeschna hudsonica* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 35 (Canada, Northern U.S.).
 1910 *Aeschna hudsonica* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 110 (proposed synonymy with *eremita* SCUDDER, 1866).

Distribution: North America.

flavifrons LICHTENSTEIN

- 1985 *Aeshna flavifrons* LICHTENSTEIN – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 3.

Distribution: India.

frontalis NAVÁS

- 1936 *Aeschna frontalis* NAVÁS, Mus. Heude Notes ent. chinoise, **3** (4): 41. Type male: not given, perhaps in Heude Mus., Shanghai; type-locality: China.

Distribution: China.

galapagoensis CURRIE

- 1901 *Aeschna galapagoensis* CURRIE, Proc. Wash. Acad., **3**: 382. Type male: U.S. natn. Mus., Washington; type-locality: Galapagos.
 1908 *Aeschna galapagoensis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 50 (Galapagos: Chathan Island).
 1952 *Neureclipta galapagoensis* – CALVERT, Ent. News, **63**: 258.
 1956 *Aeshna (Neureclipta) galapagoensis* – CALVERT, Mem. Am. ent. Soc., **15**: 137 (redescription).

Distribution: Galapagos (endemic).

grandis (LINNAEUS)

- 1758 *Libellula grandis* LINNAEUS (nec VAN DER LINDEN, 1823), Syst. Nat., **1**: 544. Type female: unknown, perhaps in Halle Mus.; type-locality: Sweden.
 1764 *Libellula quadrifasciata* MÜLLER, Faun. Fridr.: ? Type: not given.
 1783 *Libellula flavipennis* RETZENBURG (? Ratzius) (emendation).
 1835 *Aeschna grandis* – STEPHENS, Ill. Brit. Ent. Mand.: 83.
 1840 *Libellula roeseli* BOROWSKY, Natur., **7**: 150. Type: not given.
 1898 *Aeschna grandis* – CALVERT, Trans. Am. ent. Soc., **25**: 53.
 1908 *Aeschna grandis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 70 (Europe, Siberia).
 1908 *Libellula quadrifasciata* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 70 [proposed synonymy with *grandis* (LINNAEUS, 1758)].

- 1908 *Libellula flavipennis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 70 [proposed synonymy with *grandis* (LINNAEUS, 1758)].
- 1940 *Aeshna grandis* – NIELSEN, Mem. Soc. ent. ital., **19**: 243 (Sardinia).
- 1950 *Libellula quadrifasciata* – MORERA, Inst. Esp. Ent. Madrid: 49 [incorrect synonymy with *juncea* (LINNAEUS, 1758)].
- 1956 *Aeshna grandis* – FRASER, R. Ent. Soc. London, **1** (10): 35 (England).
- 1960 *Aeshna grandis* – HOFFMANN, Archives, **27**: 228 (Belgium, France, Germany, Holland, Luxembourg).
- 1961 *Aeschna grandis* – BELYSHEV, Fragm. Faun. Warszawa, **9** (4): 36 (Kazakhstan).
- 1962 *Aeshna grandis* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 190 (as genotype of *Aeshna FABRICIUS*, 1775).
- 1984 *Aeshna grandis* – STEINMANN, Fauna Hung., **160**: 61 (Hungary).

Distribution: Northern and Central Europe, Siberia, Kazakhstan.

haarupi RIS

- 1908 *Aeschna haarupi* RIS, Dtsch. ent. Z., **1908**: 523. Type male: Ris's Collection; type-locality: Argentina.
- 1947 *Aeshna haarupi* – CALVERT, Notul. Nat., **194**: 9 (redescription).
- 1956 *Aeshna* (*Hesperaeschna*) *haarupi* – CALVERT, Mem. Am. ent. Soc., **15**: 25 (redescription) (Argentina).

Distribution: Argentina, and Chile.

interrupta interrupta WALKER

- 1908 *Aeshna interrupta* WALKER, Canad. Ent., **40**: 381. Type male: Walker's Collection; type-locality: Michigan.
- 1910 *Aeshna interrupta* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 111 (Ontario).

Distribution: North America.

interrupta interna WALKER

- 1908 *Aeshna interna* WALKER, Canad. Ent., **40**: 381. Type male: Acad. Philad.; type-locality: California.
- 1910 *Aeshna interna* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 111 (California, New Mexico).

Distribution: California, New Mexico.

interrupta lineata WALKER

- 1908 *Aeshna lineata* WALKER, Canad. Ent., **40**: 382. Type male: Walker's Collection; type-locality: Dakota.
- 1908 *Aeshna nevadensis* WALKER, Canad. Ent., **40**: 382. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: Nevada.

Distribution: U.S.A.

intricata MARTIN

- 1908 *Aeshna intricata* MARTIN, Coll. Zool. Selys de Longchamps, **18**: 59. Type male: Selys's Collection; type-locality: Mexico.
- 1910 *Aeshna intricata* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 111 (Mexico, Venezuela to Bolivia, Chile).
- 1952 *Marmoraeschna intricata* – CALVERT, Ent. News, **63**: 256 (as genotype of *Marmoraeschna* CALVERT, 1952).

1956 *Aeshna (Marmoraeschna) intricata* – CALVERT, Mem. Am. ent. Soc., **15**: 112 (Colombia, Ecuador, Mexico, Chile, Brazil).

Distribution: from Mexico to Chile, and Brazil.

jalapensis WILLIAMSON

1908 *Aeshna jalapensis* WILLIAMSON, Ent. News, **19**: 265. Type male: Calvert's Collection; type-locality: Mexico.

1910 *Aeshna jalapensis* – MUTTKOWSKI, Bull. Publ.Mus. Milwaukee, **1** (1): 111 (Mexico, Guatemala).

1916 *Aeschna jalapensis* – RIS, Arch. Naturg., (A) **82**: 167 (Mexico, Costa Rica).

1952 *Schizuraeschna jalapensis* – CALVERT, Ent. News, **63**: 256.

1956 *Aeshna (Schizuraeschna) jalapensis* – CALVERT, Mem. Am. ent. Soc., **15**: 106 (Mexico, Guatemala, Panama) (redescription).

Distribution: Central America.

japonica JACOBSON & BIANKI

1905 *Aeschna japonica* JACOBSON & BIANKI, Pryam.lozhnos. Ross. imp.: 765. Type male: Zool. Inst. Mus. Acad. Sci., St. Petersburg; type-locality: Japan.

Distribution: Japan.

javana LICHTENSTEIN

1985 *Aeshna javana* LICHTENSTEIN, 1796 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 4.

Distribution: Java.

joannisi MARTIN

1897 *Aeschna joannisi* MARTIN, Ann. Soc. ent. France, **66**: 592. Type female: Martin's Collection; type-locality: Bolivia.

1908 *Aeschna joannisi* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 56.

1956 *Aeshna (Hesperaeschna) joannisi* – CALVERT, Mem. Am. ent. Soc., **15**: 76 (Colombia, Ecuador) (redescription).

Distribution: Bolivia, Ecuador, Colombia.

johnsoni STEINMANN *nom.nov.*

1909 *Aeschna gigas* BARTENEFF (nec RAMBUR, 1842), Kazam. Jrd. obsc. jest. **41**: 15. Type male: Zool. Inst. Mus. Acad. Sci., St. Petersburg; type-locality: Ural.

– *Aeshna johnsoni* STEINMANN (new name for *Aeshna gigas* BARTENEFF, 1909, a junior secondary homonymy of *Aeshna gigas* RAMBUR, 1842).

Distribution: Russia: Ural.

juncea juncea (LINNAEUS)

1758 *Libellula juncea* LINNAEUS, Syst. Nat., **1**: 544. Type male: British Museum (Nat. Hist.), London; type-locality: Sweden.

1767 *Libellula ocellata* MÜLLER, Nova Acta Leop. Carol. Acad., **3**: 125. Type: not given.

1835 *Aeschna juncea* – STEPHENS, Ill. Brit. Ent. Mand., **6**: 84.

1840 *Aeschna rustica* ZETTERSTEDT, Ins. Lapp.: 1040. Type: not given.

1840 *Aeschna picta* CHARPENTIER, Libell. Europ. Lipsiae: 112. Type male: Mus. Nation. Hist. Nat., Paris; type-locality: Germany.

1846 *Aeschna picta* var. *caucasica* KOLENATI, Mel. Ent., **5**: 114. Male from Russia.

1905 *Aeschna juncea* – JACOBSON & BIANKI, Pryam.lozhnos. Ross. imp.: 765 (Europe, Asia, ? America).

- 1908 *Aeschna juncea* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 34 (redescription) (Europe, Asia, Amerique artique).
- 1910 *Aeshna juncea* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 111.
- 1910 *Libellula ocellata* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 111 [proposed synonymy with *juncea* (LINNAEUS, 1758)].
- 1910 *Aeschna rustica* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 111 [proposed synonymy with *juncea* (LINNAEUS, 1758)].
- 1923 *Secundaeschna juncea* – GÖTZ, Mitt. münch. ent. Ges., **13**: 39 (as generotype of *Secundaeschna* GÖTZ, 1923).
- 1927 *Aeshna juncea* var. *brachystigma* SJÖSTEDT, Ark. Zool., Uppsala, **19A**, (15): 3. Male from Kamtchatka.
- 1929 *Aeschna juncea* var. *atshischgho* BARTENEFF, Zool. Anz., Leipzig, **85**: 57. Male from Caucasus.
- 1948 *Aeschna juncea* – AKRAMOVSKI, Zool. Zborn., Moscow, **5**: 165 (Armenia).
- 1950 *Aeschna juncea* – MORERA, Inst. Esp. Ent., Madrid: 49 (Spain).
- 1956 *Aeshna juncea* – FRASER, R. Ent. Soc. London, **1** (10): 36 (England).
- 1958 *Aeschna juncea* – ASAHINA, Ins. matsum., **22**: 65 (Kurile Island).
- 1960 *Aeschna juncea* – HOFFMANN, Archives, **27**: 227 (Luxembourg).
- 1984 *Aeshna juncea* – STEINMANN, Fauna. Hung., **160**: 63 (Hungary).

Distribution: Holarctic region: Alaska, Japan to North and Central Europe.

juncea angustistyla OGUMA

- 1926 *Aeschna juncea angustistyla* OGUMA, Ins. matsum., **1** (2): 80. Type male: Hokkaido Univ.; type-locality: Sakhalin.
- 1961 *Aeschna juncea angustistyla* – ASAHINA, Ins. matsum., **24**: 61.

Distribution: Japan.

juncea americana BARTENEFF

- 1985 *Aeshna juncea americana* BARTENEFF, 1929 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 1 (from Canada).

Distribution: Canada.

juncea lapponica VALLE

- 1985 *Aeshna juncea* f. *lapponica* VALLE, 1940 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 4.

Distribution: Finland.

juncea mongolica BARTENEFF

- 1985 *Aeshna juncea mongolica* BARTENEFF, 1929 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 4.

Distribution: Mongolia.

juncea orientalis BARTENEFF

- 1985 *Aeshna juncea orientalis* BARTENEFF, 1929 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 5.

Distribution: Russia.

lucia NEEDHAM

- 1930 *Aeschna lucia* NEEDHAM, Zool. Sinica, (A) **11**: 91. Type: unknown, perhaps in Peking Mus.; type-locality: China.
- 1958 *Aeschna lucia* – BELYSHEV & DOSKIDORDZHI, Zool. Zhurn., Moscow **37**: 38 (Mongolia).

Distribution: China, Mongolia.

maita (FÖRSTER)

- 1909 *Rhionaeschna maita* FÖRSTER, Jb. Nassau Ver. Naturk. Wiesbaden, **62**: 221. Type male: Wiesbaden Mus.; type-locality: Peru.
 1913 *Rhionaeschna maita* – RIS, Mem. Soc. ent. Belg., **22**: 83.
 1943 *Rhionaeschna maita* – SCHMIDT, Beitr. Fauna Perus, **2**: 256.
 1956 *Aeshna* (*Rhionaeschna*) *maita* – CALVERT, Mem. Am. ent. Soc., **15**: 99.

Distribution: Peru.

manni WILLIAMSON & WILLIAMSON

- 1930 *Aeschna manni* WILLIAMSON & WILLIAMSON, Occ. Pap. Mus. Zool. Univ. Mich., **216**: 26. Type male: Williamson's Collection; type-locality: Mexico.
 1947 *Aeshna manni* – CALVERT, Notul., Nat., **194**: 8 (redescription).
 1952 *Hesperaeschna manni* – CALVERT, Ent. News, **63**: 254.
 1955 *Aeschna manni* – NEEDHAM & WESTFALL, Man. Dragonflies N.Amer.: 290.
 1956 *Aeshna* (*Hesperaeschna*) *manni* – CALVERT, Mem. Am. ent. Soc., **15**: 56 (Mexico) (redescription).

Distribution: Mexico.

marchali RAMBUR

- 1842 *Aeshna marchali* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 203. Type male: Marchal's Collection; type-locality: Colombia.
 1908 *Aeschna marchali* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 45 (redescription) (Colombia, Ecuador).
 1916 *Aeshna marchali* – RIS, Arch. Naturg., (A) **82**: 159 (redescription) (Colombia, Bolivia).
 1943 *Aeschna marchali* – SCHMIDT, Beitr. Fauna Perus, **2**: 257 (Peru, Bolivia, Ecuador).
 1953 *Aeshna marchali* – RÁCENIS, Anales Univ. Centr. Venez., **35**: 37.
 1956 *Aeshna* (*Hesperaeschna*) *marchali* – CALVERT, Mem. Am. ent. Soc., **15**: 58 (redescription) (Colombia, Ecuador, Venezuela).

Distribution: Colombia, Ecuador, Venezuela, Peru, Bolivia.

minuscula MCLACHLAN

- 1896 *Aeschna minuscula* MCLACHLAN, Ann. Mag. nat. Hist., (6) **17**: 421. Type male: not given, perhaps in McLachlan's Collection (British Museum, London); type-locality: Cape of Good Hope.
 1899 *Aeschna dolabrata* KARSCH, Ent. Nachr., **25** (24): 374. Type male: lost, originally in Mus. Naturk., Berlin; type-locality: Cape of Good Hope.
 1908 *Aeschna minuscula* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 67 (South Africa).
 1908 *Aeschna dolabrata* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 69 (Cap).
 1921 *Aeschna minuscula* – RIS, Anals S. Afr. Mus., **18**: 364 (Cap).
 1962 *Aeshna minuscula* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 191.

Distribution: South Africa.

mixta LATREILLE

- 1782 *Libellula coluberculus* HARRIS, Exp. Eng. Ins.: 27. Type: not given; type-locality Europe.
 1805 *Aeshna mixta* LATREILLE, Hist. nat. Crust. Ins., **13**: 7. Type male: Halle Mus.; type-locality: Germany.
 1848 *Aeschna alpina* SELYS, Revue Zool., **1848**: 16. Type female: Selys's Collection; type-locality: Alps.
 1890 *Aeshna mixta* – KIRBY, Syn. Cat. Neur.-Odon., London: 87 (incorrect synonymy with *coluberculus* HARRIS, 1782).
 1908 *Aeshna mixta* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 42 (redescription) (Europe, N. Africa, Asia Minor).

- 1908 *Libellula coluberculus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 42 (proposed synonymy with *mixta* LATREILLE, 1805).
- 1925 *Aeschna habermayeri* GÖTZ, Mitt. münch. ent. Ges., **13**: 36. Type male: unknown; type-locality: Macedonia.
- 1926 *Aeshna mixta* – OGUMA, Ins. matsum., **1** (2): 81 (Japan).
- 1948 *Aeschna mixta* – AKRAMOVSKI, Zool. Zborn., Moscow, **5**: 166 (Armenia).
- 1950 *Aeshna mixta* – MORERA, Inst. Esp. Ent. Madrid, **51** (Spain).
- 1956 *Aeschna mixta* – FRASER, R. Ent. Soc. London, **1** (10): 35 (England).
- 1960 *Aeschna mixta* – HOFFMANN, Archives, **27**: 228 (Germany, Belgium, France, Holland, Luxembourg).
- 1961 *Aeschna coluberculus* – BELYSHEV, Fragm. Faun. Warszawa, **9** (4): 35 (as valid taxon).
- 1963 *Aeschna coluberculus habermayeri* – PINHEY, J. ent. Soc. S. Afr., **26**: 6 (proposed synonymy with *mixta* LATREILLE, 1805).
- 1984 *Aeshna mixta* – STEINMANN, Fauna Hung., **160**: 61 (Hungary).
- 1985 *Aeshna mixta habermayeri* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 3.

Distribution: Palaearctic subregion.

moori PINHEY

- 1985 *Aeshna moori* PINHEY, 1981 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 5.

Distribution: Zambia.

multicolor HAGEN

- 1861 *Aeschna multicolor* HAGEN, Syn. Neur. N. Amer., Washington: 121. Type male: Hagen's Collection; type-locality: Texas.
- 1891 *Aeschna furcifer* KARSCH, Ent. Nachr., **17** (20): 309. Type male: Mus. Naturk., Berlin; type-locality: Mexico.
- 1908 *Aeschna multicolor* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 48 (Mexico, North U.S., British Colombia).
- 1908 *Aeschna furcifer* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 48 (proposed synonymy with *multicolor* HAGEN, 1861).
- 1916 *Aeschna multicolor* – RIS, Arch. Naturg., (A) **82**: 166 (Washington, Mexico).
- 1946 *Aeshna (Schizuraeschna) multicolor* – CALVERT, Ent. News, **63**: 256 (as generotype of *Schizuraeschna* CALVERT, 1946).
- 1956 *Aeshna (Schizuraeschna) multicolor* – CALVERT, Mem. Am. ent. Soc., **15**: 102 (redescription) (Washington, California, Arizona, Mexico).

Distribution: U.S.A., Mexico to Colombia.

mutata HAGEN

- 1861 *Aeschna mutata* HAGEN, Syn. Neur. N. Amer. Washington: 124. Type female: Naturhist. Mus. Wien; type-locality: N. America.
- 1908 *Aeschna mutata* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 48 (incorrect synonymy with *multicolor* HAGEN, 1861).

Distribution: North America.

nigroflava MARTIN

- 1908 *Aeschna nigroflava* MARTIN, Coll. Zool. Selys de Longchamps, **18**: 38. Type male: Martin's Collection; type-locality: Japan.
- 1926 *Aeschna nigroflava* – OGUMA, Ins. matsum., **1** (2): 80 (Japan).

Distribution: Japan.

ornithocephala McLACHLAN

- 1896 *Aeschna ornithocephala* McLACHLAN, Ann. Mat. nat. Hist., (6) 17: 368. Type male: McLachlan's Collection; type-locality: Simla.
 1905 *Aeschna ornithocephala* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 767 (Tibet).
 1908 *Aeschna ornithocephala* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 63 (Moupin).
 1923 *Aeschna ornithocephala* – LAIDLAW, Proc. U.S. natn. Mus., 62: 19 (Assam, Northeast Himalayas).

Distribution: Himalayas.

pallipes FRASER

- 1947 *Aeschna pallipes* FRASER, Acta Zool. lilloana, 4: 443. Type female: Inst. Miguel Lillo, Tucuman; type-locality: Argentina.
 1956 *Aeschna (Marmaraeschna) pallipes* – CALVERT, Mem. Am. ent. Soc., 15: 123.

Distribution: Argentina.

palmata HAGEN

- 1856 *Aeschna palmata* HAGEN, Stettiner ent. Ztg, 17: 369. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: Wyoming.
 1895 *Aeschna constricta* CALVERT (nec SAY, 1839, and nec SCUDDER, 1866), Proc. Calif. Acad., (2) 4: 509 (emanation).
 1905 *Aeschna palmata* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 767 (as syn. of *constricta* CALVERT, 1895).
 1910 *Aeschna palmata* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, 1 (1): 113 (Pacific Coast, Alaska to Colorado, Utah, ? Kamtchatka).
 1918 *Aeschna arida* KENNEDY, Canad. Ent., 50: 298. Type male: unknown; type-locality: Arizona.
 1961 *Aeschna palmata* – DONNELLY, Proc. Ent. Soc. Washington, 63: 196 (Oregon, Colorado, New Mexico).
 1973 *Aeschna palmata* – BELYSHEV, The Dragonflies of Siberia, 1 (2): 436 (Siberia).

Distribution: Holarctic region.

peralta RIS

- 1916 *Aeschna peralta* RIS, Arch. Naturg., (A) 82: 160. Type male: not given, perhaps in Mus. Naturk., Berlin; type-locality: Peru.
 1943 *Aeschna peralta* – SCHMIDT, Beitr. Fauna Perus, 2: 258 (Peru, Bolivia).
 1952 *Hesperaeschna peralta* – CALVERT, Ent. News, 63 (10): 254.
 1956 *Aeschna (Hesperaeschna) peralta* – CALVERT, Mem. Am. ent. Soc., 15: 67 (Ecuador, Peru, Argentina, Chile, Brazil).

Distribution: South America.

persephone DONNELLY

- 1961 *Aeschna persephone* DONNELLY, Proc. ent. Soc. Wash., 63: 193. Type male: Univ. Florida; type-locality: Arizona.

Distribution: U.S.A.

petalura petalura MARTIN

- 1908 *Aeschna petalura* MARTIN, Coll. Zool. Selys de Longchamps, 18: 78. Type male: Selys's Collection; type-locality: India.
 1923 *Aeschna petalura* – LAIDLAW, Proc. U.S. natn. Mus., 62: 19 (Northeast Himalayas, Assam).

Distribution: Himalaya.

petalura taiyali ASAHINA

1938 *Aeshna taiyali* ASAHINA, Annot. zool. Jap., **17**: 541. Type male: Asahina's Collection; type-locality: Formosa.

Distribution: Taiwan.

psilus CALVERT

1947 *Aeshna psilus* CALVERT, Notulae Nat. Acad. Sci. Philad., **194**: 4. Type male: Calvert's Collection; type-locality: Mexico.

1955 *Aeschna psilus* – NEEDHAM & WESTFALL, Man. Drgfls N. Amer.: 296.

1956 *Aeshna (Hesperaeschna) psilus* – CALVERT, Mem. Am. ent. Soc., **15**: 50 (Mexico, Guatemala, Costa Rica, Panama, Ecuador, West Indies: Cuba, Puerto Rico, Jamaica) (redescription).

Distribution: Central America.

punctata MARTIN

1861 *Aeschna depravata* HAGEN, Syn. Neur. N. Amer.: 314 (from Brazil, without description).

1861 *Aeschna lobata* HAGEN, Syn. Neur. N. Amer.: 314 (from Brazil, without description).

1908 *Aeshna punctata* MARTIN, Coll. Zool. Selys de Longchamps, **18**: 54. Type male: Martin's Collection; type-locality: Mexico.

1910 *Aeshna punctata* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 113 (Mexico, Brazil).

1956 *Aeshna (Hesperaeschna) punctata* – CALVERT, Mem. Am. ent. Soc., **15**: 80 (redescription) (Brazil, Mexico).

Distribution: Mexico to Brazil.

rileyi rileyi CALVERT

1892 *Aeschna rileyi* CALVERT, Trans. Am. ent. Soc., **19**: 164. Type female: U.S. natn. Mus., Washington; type-locality: Kilimandjaro.

1896 *Aeschna subpupillata* McLACHLAN, Ann. Mag. nat. Hist., (6) **17**: 423. Type male: McLachlan's Collection; type-locality: South Africa.

1908 *Aeschna rileyi* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 65 (Kilimandjaro).

1908 *Aeschna subpupillata* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 68 (Transvaal, Caffraria).

1909 *Aeschna meruensis* SJÖSTEDT, Ark. Zool. Uppsala, **14**: 32. Type male: unknown; type-locality: Tanganyika.

1921 *Aeschna subpupillata* – RIS, Annl. S. Afr. Mus., **18**: 361 (Cape Colony).

1936 *Aeshna rileyi* – LONGFIELD, Trans. R. ent. Soc. London, **85**: 480.

1936 *Aeschna subpupillata* – LONGFIELD, Trans. R. ent. Soc. London, **85**: 480 (proposed synonymy with *rileyi* CALVERT, 1892).

1962 *Aeschna rileyi* var. *subpupillata* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 191.

1963 *Aeschna meruensis* – PINHEY, J. ent. Soc. S. Afr., **26**: 157 (proposed synonymy with *rileyi* CALVERT, 1892).

Distribution: South and Central Africa.

rileyi raphaeli PINHEY

1964 *Aeshna rileyi raphaeli* PINHEY, Publ. cult. Comp. Diam. Angola, **63**: 112. Type male: Nat. Mus., Bulawayo; type-locality: Zambezi.

Distribution: Zambia.

rufipes RIS

1916 *Aeschna rufipes* RIS, Arch. Naturg., (A) **82**: 167. Type female: not given – now presumably in Mus. Senckenberg; type-locality: Colombia.

1947 *Aeschna rufipes* – FRASER, Acta Zool. lilloana, 4: 445.

1956 *Aeshna (Aeshna) rufipes* – CALVERT, Mem. Am. ent. Soc., 15: 20.

Distribution: Colombia.

scotias PINHEY

1952 *Aeschna scotias* PINHEY, Occ. Pap. Coryndon Mus., 3: 14. Type male: British Museum (Nat. Hist.), London; type-locality: Uganda.

1962 *Aeshna scotias* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 191.

Distribution: Uganda.

septentrionalis BURMEISTER

1839 *Aeschna septentrionalis* BURMEISTER, Handb. Ent., 2: 839. Type female: Agassiz Mus., Cambridge (Mass.); type-locality: Labrador.

1898 *Aeshna septentrionalis* – CALVERT, Trans. Am. ent. Soc., 25: 54.

1908 *Aeschna septentrionalis* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 39 (redescription) (Labrador).

1910 *Aeschna septentrionalis* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, 1 (1): 113 (Labrador to Great Slave Lake).

Distribution: Canada, Northeast U.S.A.

serrata serrata HAGEN

1856 *Aeschna serrata* HAGEN, Stettiner ent. Ztg, 17: 370. Type male: unknown, perhaps in Warszawa Mus.; type-locality: Kirghisia.

1908 *Aeschna serrata* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 37 (Kirghisia).

1921 *Aeschna serrata* – VALLE, Acta soc. fauna et fl. Fenn., 48 (5): 27 (Finland).

1948 *Aeschna serrata* – AKRAMOVSKI, Zool. Zborn., Moscow, 5: 166 (Armenia).

Distribution: Finland to Armenia.

serrata osiliensis MIERZEJEWSKI

1913 *Aeschna osiliensis* MIERZEJEWSKI, Bull. Acad. Sci. Cracovie, 1913: 79. Type male: Jagello Univ., Crakow; type-locality: Poland.

1927 *Aeschna osiliensis fennica* VALLE, Acta soc. fauna et fl. Fenn., 48 (5): 20. Type: unknown; type-locality: Finland.

1933 *Aeschna osiliensis* – ANDER, Ent. Tidschr., 54: 120 (Sweden).

1985 *Aeschna serrata osiliensis* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 5 (North Europe).

Distribution: North Europe.

sitchensis HAGEN

1861 *Aeschna sitchensis* HAGEN, Syn. Neur. N. Amer., Washington: 119. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: Sitka.

1905 *Aeschna (Aeschna) sitchensis* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 764 (in foot note).

1908 *Aeschna sitchensis* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 41 (Alaska).

Distribution: Alaska.

subarctica subarctica WALKER

1908 *Aeschna subarctica* WALKER, Canad. Ent., 40: 375. Type male: Walker's Collection; type-locality: Nova Scotia.

1922 *Aeschna elisabethae* DJAKONOV, Bull. Sta. veg. Prot. Pl. Petrograd, 3: 121. Type male: perhaps in Zool. Inst. Mus. Acad. Sci., St. Petersburg; type-locality: Russia.

- 1927 *Aeshna subarctica* – RIS, Ent. Mitt., **16** (2): 99 (redescription) (N. America).
 1927 *Aeschna elisabethae* – MORTON, Entomologist's month. Mag., **63**: 86 (proposed synonymy with *subarctica* WALKER, 1908).
 1944 *Aeshna subarctica subarctica* – ANDER, Opusc. ent. Lund, **9**: 164.
 1985 *Aeshna subarctica elisabethae* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 3.

Distribution: Holarctic region: North America, Siberia and Northern and Central Europe (Finland, Russia, Poland to Alps).

subarctica interlineata ANDER

- 1944 *Aeshna subarctica interlineata* ANDER, Opusc. ent. Lund, **9**: 164. Type male: Naturhist. Riksmus., Stockholm; type-locality: Sweden.
 1985 *Aeshna subarctica interlineata* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 3 (as synonym of *subarctica elisabethae* DJAKONOV, 1922).

Distribution: Sweden.

tuberculifera WALKER

- 1908 *Aeshna tuberculifera* WALKER, Canad. Ent., **40**: 385. Type male: Acad. Sci. Calif.; type-locality: Ontario.
 1910 *Aeschna tuberculifera* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 114 (Ontario, Wisconsin).

Distribution: North America.

umbrosa umbrosa WALKER

- 1866 *Aeshna constricta* SCUDDER, (nec SAY, 1839, and nec CALVERT, 1895), Proc. Boston Soc. nat. Hist., **10**: 212 (emendation).
 1908 *Aeshna umbrosa* WALKER, Canad. Ent., **40**: 380. Type male: U.S. natn. Mus., Washington; type-locality: North America.

Distribution: U.S.A.

umbrosa occidentalis WALKER

- 1985 *Aeshna umbrosa occidentalis* WALKER, 1912 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 5.

Distribution: U.S.A.

undulata BARTENEF

- 1930 *Aeschna undulata* BARTENEF, Zool. Anz., Leipzig, **89**: 239. Type male: not given; type-locality: N. Russia.

Distribution: European Russia.

unicolor MARTIN

- 1908 *Aeschna unicolor* MARTIN, Coll. Zool. Selys de Longchamps, Bruxelles, **18**: 55. Type male: Martin's Collection – now perhaps in Paris Mus.; type-locality: Bolivia.
 1956 *Aeshna (Aeshna) unicolor* – CALVERT, Mem. Am. ent. Soc., **15**: 19.

Distribution: Bolivia.

variegata FABRICIUS

- 1775 *Aeshna variegata* FABRICIUS, Syst. Ent.: 425. Type male: unknown; type-locality: Tierra del Fuego.
 1908 *Aeschna variegata* – MARTIN, Coll. Zool. Selys de Longchamps, Bruxelles, **18**: 44.
 1916 *Aeschna variegata* – RIS, Arch. Naturg., (A) **82**: 162 (redescription) (Magellan).

- 1924 *Aeschna variegata* – MARTIN, Rev. Chileana Hist. nat., **27**: 109.
 1956 *Aeshna* (*Hesperaeschna*) *variegata* – CALVERT, Mem. Am. ent. Soc., **15**: 90 (redescription) (Bolivia, Argentina, Chile).
 1985 *Aeshna variegata* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 6 (as syn. of *diffinis risi* ENDERLEIN, 1912).

Distribution: Argentina, Chile, Bolivia.

verticalis HAGEN

- 1861 *Aeschna verticalis* HAGEN, Syn. Neur. N. Amer., Washington: 122. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: Washington.
 1866 *Aeschna propinqua* SCUDDER, Proc. Boston, Soc. nat. Hist., **10**: 215. Type male: Boston Mus.; type-locality: unknown.
 1890 *Aeschna verticalis* – KIRBY, Syn. Cat. Neur.-Odon. London: 89.
 1908 *Aeschna juncea* var. *verticalis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 35 (N. America).
 1910 *Aeschna propinqua* – KIRBY, Syn. Cat. Neur.-Odon., London: 89 (proposed synonymy with *verticalis* HAGEN, 1861).

Distribution: North America.

vigintipunctata RIS

- 1875 *Aeschna laticeps* HAGEN (nom.nud.), Proc. Boston Soc. nat. Hist., **18**: 39 (from Argentina, without description).
 1916 *Aeschna vigintipunctata* RIS, Arch. Naturg., (A) **82**: 163. Type female: not given; type-locality: Peru.
 1947 *Aeschna vigintipunctata* – FRASER, Acta Zool. lilloana, **4**: 446 (Argentina).
 1952 *Marmaraeschna vigintipunctata* – CALVERT, Ent. News, **63**: 256.
 1956 *Aeshna* (*Marmaraeschna*) *vigintipunctata* – CALVERT, Mem. Am. ent. Soc., **15**: 119 (redescription) (Bolivia, Argentina, Peru).

Distribution: Argentina, Peru, Bolivia.

viridis EVERSMAANN

- 1836 *Aeschna viridis* EVERSMAANN (nec RAMBUR, 1842), Bull. Mosc., **1836**: 242. Type: sex unknown; type-locality: Russia.
 1840 *Aeschna virens* CHARPENTIER (nec RAMBUR, 1842), Monogr. europ., Paris: 101. Type: not given
 1962 *Aeshna viridis* – DÉVAI, Folia ent. hung., **15**: 503 (Hungary).
 1985 *Aeshna viridis* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 6 (Eurasia).

Distribution: Siberia, and Northcentral Europe.

walkeri KENNEDY

- 1917 *Aeshna walkeri* KENNEDY, Proc. U.S. natn. Mus., **52**: 588. Type male: U.S. natn. Mus., Washington; type-locality: California.

Distribution: California.

williamsoniana CALVERT

- 1905 *Aeshna williamsoniana* CALVERT, Biol. Centr. Amer., London: 185. Type male: Deam's Collection; type-locality: Mexico.
 1908 *Aeschna williamsoniana* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 57 (Mexico, Panama).
 1908 *Aeschna panamensis* MARTIN, Coll. Zool. Selys de Longchamps, **18**: 57. Type male: Martin's Collection; type-locality: Panama.
 1956 *Aeshna* (*Hesperaeschna*) *williamsoniana* – CALVERT, Mem. Am. ent. Soc., **15**: 28 (redescription) (Mexico, Panama).

Distribution: Mexico to Panama.

wittei FRASER

1955 *Aeshna wittei* FRASER, Explor. Parc nat. Upemba, Miss. de Witte, **38**: 15. Type male: Inst. Parcs nat. C.B.; type-locality: Belgian Congo.

1962 *Aeshna wittei* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 191.

Distribution: Congo Republic.

Genus **Amphiaeschna** SELYS

1871 *Amphiaeschna* SELYS, Trans. ent. Soc. London, **1871**: 413. Type species: *Aeshna ampla* RAMBUR, 1842 (first emandation). – 1911 *Amphiaeschna* – MARTIN, Gen. Insectorum, Bruxelles, **115**: 15. – 1923 *Amphiaeschna* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 14. – 1954 *Amphiaeschna* – LIEFTINCK, Treubia, **22** Suppl.: 107.

ampla ampla (RAMBUR)

1842 *Aeshna ampla* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 195. Type female: Serville's Collection; type-locality: Java.

1871 *Amphiaeschna ampla* – SELYS, Trans. ent. Soc. London, **1871**: 413 (as generotype of *Amphiaeschna* SELYS, 1871).

1923 *Amphiaeschna ampla* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 15 (Tonkin, Java).

1926 *Amphiaeschna ampla* – FRASER, Treubia, **8**: 475.

1934 *Amphiaeschna ampla* – LIEFTINCK, Treubia, **14** (4): 442 (type in: R. Mus., Bruxelles) (Java).

1954 *Amphiaeschna ampla ampla* – LIEFTINCK, Treubia, **22** Suppl.: 107.

Distribution: Java, and ? Vietnam.

ampla basitincta LIEFTINCK

1940 *Amphiaeschna ampla basitincta* LIEFTINCK, Treubia, **17**: 385. Type male: Lieftinck's Collection; type-locality: Sumatra.

1954 *Amphiaeschna ampla basitincta* – LIEFTINCK, Treubia, **22** Suppl.: 108 (Sumatra).

Distribution: Sumatra.

Genus **Castoraeschna** CALVERT

1952 *Castoraeschna* CALVERT, Ent. News, **63**: 264. Type species: *Aeshna castor* BRAUER, 1865 (original designation). – 1956 *Castoraeschna* – CALVERT, Mem. Am. ent. Soc., **15**: 177 (revision, key to species).

castor (BRAUER)

1865 *Aeshna castor* BRAUER, Verh. Zool.-Bot. Ges. Wien, **15**: 906. Type male: not given; type-locality: Brazil.

1875 *Aeshna lunulata* SELYS MS (no description) (nec CHARPENTIER, 1825) in HAGEN, Proc. Boston Soc. nat. Hist., **18**: 40.

1908 *Aeshna castor* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 61 (Surinam, Brazil).

1916 *Coryphaeschna castor* – RIS, Arch. Naturg., (A) **82**: 171 (Brazil).

1952 *Castoraeschna castor* – CALVERT, Ent. News, **63**: 264 (as generotype of *Castoraeschna* CALVERT, 1952).

1956 *Castoraeschna castor* – CALVERT, Mem. Am. ent. Soc., **15**: 184 (Surinam, Brazil) (redescription).

Distribution: Brazil, Suriname.

colorata (MARTIN)

1908 *Aeshna colorata* MARTIN, Coll. Zool. Selys, de Longchamps, **18**: 58. Type female: Needham's Collection; type-locality: Brazil.

1952 *Castoraeschna colorata* – CALVERT, Ent. News, **63**: 264.

1956 *Castoraeschna colorata* – CALVERT, Mem. Am. ent. Soc., **15**: 187 (redescription) (Brazil).

Distribution: Brazil.

coronata (RIS)

1916 *Coryphaeschna coronata* RIS, Arch. Naturg., (A) **82**: 172. Type male: not given; type-locality: Bolivia.

1952 *Castoraeschna coronata* – CALVERT, Ent. News, **63**: 264.

1956 *Castoraeschna coronata* – CALVERT, Mem. Am. ent. Soc., **15**: 182 (redescription) (Peru, Bolivia).

Distribution: Bolivia, Peru.

decurvata DUNKLE & COOK

1985 *Castoraeschna decurvata* DUNKLE & COOK, 1984 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 7.

Distribution: Argentina.

januaria (HAGEN)

1867 *Aeschna januaria* HAGEN, Verh. Zool.-Bot. Ges. Wien, **17**: 51. Type male: type-locality: Brazil.

1908 *Aeschna januaria* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 60 (Brazil, Colombia, Mexico).

1952 *Castoraeschna januaria* – CALVERT, Ent. News, **63**: 264.

1956 *Castoraeschna januaria* – CALVERT, Mem. Am. ent. Soc., **15**: 178 (Mexico to Paraguay) (redescription).

Distribution: Central and South America.

longfieldae (KIMMINS)

1929 *Coryphaeschna longfieldae* KIMMINS, Ann. Mag. nat. Hist., (10) **3**: 489. Type male: British Museum (Nat. Hist.), London; type-locality: Brazil.

1952 *Castoraeschna longfieldae* – CALVERT, Ent. News, **63**: 264.

1956 *Castoraeschna longfieldae* – CALVERT, Mem. Am. ent. Soc., **15**: 180 (redescription) (Matto Grosso).

Distribution: Brazil.

margarethae JURZITZA

1985 *Castoraeschna margarethae* JURZITZA, 1979 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 7.

Distribution: Brazil.

Genus *Coryphaeschna* WILLIAMSON

1903 *Coryphaeschna* WILLIAMSON, Ent. News, **14**: 2. Type species: *Aeschna ingens* RAMBUR, 1842 (original designation). – 1911 *Coryphaeschna* – MARTIN, Gen. Insectorum, Bruxelles, **115**: 10 (as syn. of *Aeshna* FABRICIUS, 1775). – 1911 *Remartinia* NAVÁS, Rev. Mus. Paulista, **8**: 479. Type species: *Remartinia barbiellina* NAVÁS, 1911 (monotypy). – 1911 *Coryphaeschna* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 115. – 1916 *Coryphaeschna* – RIS, Arch. Naturg., (A) **82**: 169. – 1932 *Coryphaeschna* – KLOTS, Sci. Surv. Porto Rico & Virgin Is., New York Acad. Sci., **14** (1): 14. – 1943 *Coryphaeschna* – GEIJSKES, Ent. News, **54** (3): 61. – 1956 *Coryphaeschna* – CALVERT, Mem. Am. ent. Soc., **15**: 144 (revision, key to species). – 1956 *Remartinia* – CALVERT, Mem. Am. ent. Soc., **15**: 144 (proposed synonymy with *Coryphaeschna* WILLIAMSON, 1903).

adnexa (HAGEN)

- 1861 *Aeschna adnexa* HAGEN, Syn. Neur. N. Amer., Washington: 127. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: Cuba.
- 1865 *Aeschna macromia* BRAUER, Verh. Zool.-Bot. Ges. Wien, **15**: 906. Type male: Naturhist. Mus., Wien; type-locality: Brazil.
- 1903 *Coryphaeschna adnexa* – CALVERT, Ent. News, **14**: 9.
- 1908 *Aeschna adnexa* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 75 (Mexico, Honduras, Ecuador, Brazil, Cuba, Haiti).
- 1910 *Aeschna macromia* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 115 [proposed synonymy with *adnexa* (HAGEN, 1861)].
- 1910 *Coryphaeschna adnexa* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 115 (Mexico to Brazil, Cuba, Haiti).
- 1916 *Coryphaeschna adnexa* – RIS, Arch. Naturg., (A) **82**: 170 (Mexico, Brazil).
- 1917 *Aeschna adnexa* – SJÖSTEDT, Ark. Zool., Uppsala, **1** (15): 39 (Amazonas).
- 1919 *Aeschna adnexa* – CALVERT, Trans. Am. ent. Soc., **45**: 357 (Cuba).
- 1932 *Coryphaeschna adnexa* – GEJSKES, Zool. Meded., Leiden, **15**: 101 (Trinidad).
- 1943 *Coryphaeschna adnexa* – SCHMIDT, Beitr. Fauna Perus, **2**: 258 (Mexico to Argentina, Cuba).
- 1956 *Coryphaeschna adnexa* – CALVERT, Mem. Am. ent. Soc., **15**: 166 (Cuba, Haiti, Mexico, Guatemala, Honduras, Costa Rica, Panama, Surinam, Ecuador, Brazil, Argentina) (redescription).

Distribution: South and Central America.

ingens (RAMBUR)

- 1842 *Aeschna ingens* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 192. Type male: Serville's Collection; type-locality: unknown.
- 1863 *Aeschna abboti* HAGEN, Stettiner ent. Ztg., **24**: 373. Type female: unknown; type-locality: Cuba.
- 1890 *Aeschna ingens* – KIRBY, Syn. Cat. Neur.-Odon., London: 86 (Georgia, Florida, Cuba).
- 1890 *Aeschna abboti* – KIRBY, Syn. Cat. Neur.-Odon., London: 86 [proposed synonymy with *ingens* (RAMBUR, 1842)].
- 1903 *Coryphaeschna ingens* – WILLIAMSON, Ent. News, **14**: 8 (as generotype of *Coryphaeschna* WILLIAMSON, 1903).
- 1908 *Aeschna ingens* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 77 (Georgia, Florida, Cuba).
- 1910 *Coryphaeschna ingens* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 115 (Cuba, Panama) (type in Selys's Collection).
- 1913 *Coryphaeschna ingens* – COCKERELL, Proc. U.S. natn. Mus., **45**: 580.
- 1919 *Aeschna ingens* – CALVERT, Trans. Am. ent. Soc., **45**: 358 (Cuba, Florida).
- 1919 *Coryphaeschna ingens* – KENNEDY, Ent. News, **30** (4): 105.

Distribution: U.S.A., Cuba, and Panama.

luteipennis luteipennis (BURMEISTER)

- 1839 *Aeschna luteipennis* BURMEISTER, Handb. Ent., **2**: 837. Type male: Sommer's Collection in Naturhist. Mus. Wien; type-locality: Brazil.
- 1865 *Aeschna excisa* BRAUER, Verh. Zool.-Bot. Ges., Wien, **15**: 906. Type male: not given, perhaps in Naturhist. Mus. Wien; type-locality: Brazil.
- 1898 *Aeschna luteipennis* – CALVERT, Trans. ent. Soc. Amer., **25**: 53.
- 1908 *Aeschna luteipennis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 73 (California, Mexico, Brazil).
- 1908 *Aeschna excisa* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 73 [proposed synonymy with *luteipennis* (BURMEISTER, 1839)].
- 1911 *Remartinia barbiellina* NAVÁS, Rev. Mus. Paulina, **8**: 480 (as generotype of *Remartinia* NAVÁS, 1911), Type male: unknown; type-locality: Brazil.
- 1935 *Coryphaeschna luteipennis* – NAVÁS, Bol. Soc. ent. Esp., **17** (1–3): 33.
- 1956 *Coryphaeschna luteipennis* – CALVERT, Mem. Am. ent. Soc., **15**: 144 (Brazil, Colombia, Venezuela) (key to subspecies).

- 1956 *Remartinia barbiellina* – CALVERT, Mem. Am. ent. Soc., **15**: 144 [proposed synonymy with *luteipennis luteipennis* (BURMEISTER, 1839)].

Distribution: Mexico to Brazil.

luteipennis florida (HAGEN)

- 1861 *Aeschna florida* HAGEN, Syn. Neur. N. Amer., Washington: 125. Type female: Agassiz Mus., Cambridge (Mass.); type-locality: Florida.
 1908 *Aeschna luteipennis* var. *florida* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 74.
 1910 *Aeschna florida* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 112 [incorrect synonymy with *luteipennis* (BURMEISTER, 1839)].
 1941 *Aeshna* (*Coryphaeschna*) *luteipennis florida* – CALVERT, Ann. Ent. soc. Amer., **34**: 394.
 1956 *Coryphaeschna luteipennis florida* – CALVERT, Mem. Am. ent. Soc., **15**: 150 (redescription) (Mexico, Costa Rica, Panama).

Distribution: Central America.

luteipennis peninsularis (CALVERT)

- 1941 *Aeshna luteipennis peninsularis* CALVERT, Ann. ent. Soc. Amer., **34**: 395. Type male: Williamson's Collection; type-locality: California.
 1956 *Coryphaeschna luteipennis peninsularis* – CALVERT, Mem. Am. ent. Soc., **15**: 154 (redescription) (Mexico).

Distribution: California, Mexico.

perrensi (MCLACHLAN)

- 1887 *Aeschna perrensi* MCLACHLAN, Entomologist's month. Mag., **24**: 76. Type male: McLachlan's Collection; type-locality: Corrientes.
 1908 *Aeschna perrensi* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 75 (Surinam, Corrientes, Argentina).
 1913 *Coryphaeschna perrensi* – RIS, Mem. Soc. ent. Belg., **22**: 86.
 1933 *Coryphaeschna perrensi* – NAVÁS, Rev. Acad. Cienc. Madrid, **29**: 54.
 1956 *Coryphaeschna perrensi* – CALVERT, Mem. Am. ent. Soc., **15**: 171 (redescription) (Mexico, Panama, Peru, Brazil, Paraguay).
 1985 *Aeschna rufina* HAGEN, 1875 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 7.

Distribution: from Mexico to Paraguay.

rufipennis (KENNEDY)

- 1941 *Aeshna rufipennis* KENNEDY, Ann. ent. Soc. Amer., **34**: 397. Type male: Kennedy's Collection – now in U.S. natn. Mus., Washington; type-locality: Peru.
 1956 *Coryphaeschna rufipennis* – CALVERT, Mem. Am. ent. Soc., **15**: 155 (Ecuador, Peru) (redescription).

Distribution: Ecuador, Peru.

secreta CALVERT

- 1952 *Coryphaeschna secreta* CALVERT, Ent. News, **63**: 262. Type male: U.S. natn. Mus., Washington; type-locality: Cuba.
 1956 *Coryphaeschna secreta* – CALVERT, Mem. Am. ent. Soc., **15**: 158 (redescription) (Cuba).

Distribution: Cuba.

viriditas CALVERT

- 1842 *Aeschna virens* RAMBUR (nec CHARPENTIER, 1840), Hist. nat. Ins. Neuropt., Paris: 193. Type female: Selys's Collection; type-locality: Bolivia.

- 1903 *Coryphaeschna virens* – CALVERT, Ent. News, **14**: 9.
 1908 *Aeschna virens* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 76 (Georgia, Bolivia, Amazonas, Surinam, Trinidad, Cuba, Haiti).
 1919 *Aeschna virens* – CALVERT, Trans. Am. ent. Soc., **45**: 358 (Cuba).
 1932 *Coryphaeschna virens* – GEUSKES, Zool. Meded., Leiden, **15**: 101 (Trinidad).
 1952 *Coryphaeschna viriditas* CALVERT, Ent. News, **63**: 264 (new name for *Aeshna virens* RAMBUR, 1842, a junior secondary homonymy of *Aeshna virens* CHARPENTIER, 1840).
 1956 *Coryphaeschna viriditas* – CALVERT, Mem. Am. ent Soc., **15**: 162 (Florida, Mexico, British Honduras, Guatemala, Costa Rica, Panama, French Guiana, Brazil, Paraguay).

Distribution: Central and South America.

Genus *Indaeschna* FRASER

- 1926 *Indaeschna* FRASER, Treubia, **8** (3–4): 474. Type species: *Amphiaeschna grubaueri* FÖRSTER, 1904 (original designation). – 1954 *Indaeschna* – LIEFTINCK, Treubia, **22** Suppl.: 108.

baluga NEEDHAM & GYGER

- 1937 *Indaeschna baluga* NEEDHAM & GYGER, Philipp. J. Sci., **63** (1): 44. Type male: not given; type-locality: Luzon.
 1941 *Indaeschna baluga* – NEEDHAM & GYGER, Philipp. J. Sci., **74**: 142 (description of female).

Distribution: Philippine Islands.

grubaueri (FÖRSTER)

- 1904 *Amphiaeschna grubaueri* FÖRSTER, Insekten-Börse, **21**: 355. Type male: unknown; type-locality: Malacca.
 1909 *Amphiaeschna perampla* MARTIN, Coll. Zool. Selys de Longchamps, **19**: 115. Type male: Martin's Collection; type-locality: Java.
 1923 *Amphiaeschna grubaueri* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 14 (Siam, Borneo, Malacca, Java).
 1926 *Indaeschna grubaueri* – FRASER, Treubia, **8** (3–4): 474 (as generotype of *Indaeschna* FRASER, 1926).
 1926 *Indaeschna perampla* – FRASER, Treubia, **8** (3–4): 475 (Upper Malacca).
 1934 *Amphiaeschna grubaueri* – SCHMIDT, Arch. Hydrob. Suppl., **13**: 353.
 1934 *Amphiaeschna perampla* – SCHMIDT, Arch. Hydrob. Suppl., **13**: 353 [proposed synonymy with *grubaueri* (FÖRSTER, 1904)].
 1954 *Indaeschna grubaueri* – LIEFTINCK, Treubia, **22** Suppl.: 108 (Siam, Malaya, Sumatra, Java, Borneo).

Distribution: Oriental region.

Genus *Oreaeschna* LIEFTINCK

- 1937 *Oreaeschna* LIEFTINCK, Nova Guinea (N.S.), **1**: 357. Type species: *Oreaeschna dictatrix* LIEFTINCK, 1937 (original designation).

dictatrix LIEFTINCK

- 1937 *Oreaeschna dictatrix* LIEFTINCK, Nova Guinea (N.S.), **1**: 359. Type male: Rijksmus. Natuurl. Hist. Leiden; type-locality: New Guinea (as generotype of *Oreaeschna* LIEFTINCK, 1937).
 1942 *Oreaeschna dictatrix* – LIEFTINCK, Treubia, **18** (3): 574.

Distribution: New Guinea.

Tribe Anactini

Often blue and green enamel-like colours. Hind wing usually rounded at base in both sexes and then with no oreillets on segment 2. *Riii* abruptly bends towards stigma. Anal triangle absent (except *Anaciaeschna*).

- 1940 **Anactinae** TILLYARD & FRASER, Austr. Zool., 9: 378 (with genera *Anax*, *Hemianax*, *Anaciaeschna*, *Oreaeschna*). – 1962 *Anactinae* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 192 (key to African genera: *Anaciaeschna*, *Hemianax*, *Anax*). – 1977 *Anactinae* – BELYSHEV & KHARITONOV, Nauka, Novosibirsk: 66 (key to boreal genera). – 1985 **Anactini** DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 8 (with genera *Anaciaeschna*, *Anax*, *Hemianax*).

Genus *Anaciaeschna* SELYS

- 1878 **Aeschna** (***Anaciaeschna***) SELYS, Mitt. Zool. Mus. Dresden, 3: 317. Type species: *Aeschna jaspidea* BURMEISTER, 1839 (original designation). – 1908 **Protoaeschna** FÖRSTER, Ann. Soc. ent. Belg., 52: 216. Type species: *Protoaeschna pseudochiri* FÖRSTER, 1908 (monotypy). – 1908 *Anaciaeschna* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 30 (revision). – 1911 *Anaciaeschna* – MARTIN, Gen. Insectorum, Bruxelles, 115: 10. – 1911 *Protoaeschna* – MARTIN, Gen. Insectorum, Bruxelles, 115: 13. – 1921 *Anaciaeschna* – RIS, Anns S.Afr. Mus., 18: 365. – 1923 *Anaciaeschna* – LAIDLAW, Proc. U.S. natn. Mus., 62: 13. – 1954 *Anaciaeschna* – LIEFTINCK, Treubia, 22 Suppl.: 109. – 1962 *Anaciaeschna* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 192.

isosceles isosceles (MÜLLER)

- 1767 **Libellula quadrifasciata** var. **isosceles** MÜLLER, Nova Acta Leop. Carol., 3: 125. Type: not described; type-locality: Denmark.
- 1823 **Aeschna grandis** VAN DER LINDEN (nec LINNAEUS, 1758), Opusc. Sci., 4: 160 (emendation).
- 1825 **Aeschna chrysophthalmus** CHARPENTIER, Hor. Ent.: 33. Type male: Nat. Hist. Mus., Paris; type-locality: Silesia.
- 1825 **Aeschna rufescens** VAN DER LINDEN, Mon. Libell. Eur.: 27. Type male: unknown; type-locality: Italy.
- 1840 *Aeschna isosceles* – SELYS, Monogr. Libell. europ. Paris: 58.
- 1850 *Aeschna rufescens* – SELYS, Revue des Odonates, Paris: 129 (Dania, England, Germany, Belgium, Hungary, France, Italy, Russia).
- 1890 *Aeschna isosceles* – KIRBY, Syn. Cat. Neur.-Odon. London: 90.
- 1890 *Aeschna chrysophthalmus* – KIRBY, Syn. Cat. Neur.-Odon. London: 90 [proposed synonymy with *isosceles* (MÜLLER, 1767)].
- 1890 *Aeschna rufescens* – KIRBY, Syn. Cat. Neur.-Odon., London: 90 [proposed synonymy with *isosceles* (MÜLLER, 1767)].
- 1908 *Aeschna rufescens* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 71 (Europe, North Africa, Asia Minor).
- 1948 *Aeschna isosceles* – AKRAMOVSKI, Zool. Zborn., Moscow, 5: 167 (Armenia).
- 1950 *Aeschna isosceles* – MORERA, Inst. Esp. Ent., Madrid: 48 (Spain).
- 1954 *Anaciaeschna isosceles* – LONGFIELD, Entomologist's month. Mag., 90: 147.
- 1956 *Aeschna isosceles* – FRASER, R. Ent. Soc. London, 1 (10): 35 (England).

Distribution: Mediterranean subregion, and West Europe.

isosceles antehumeralis SCHMIDT

- 1950 **Anaciaeschna isosceles antehumeralis** SCHMIDT, Ent. Z., 60: 13. Type male: not given; type-locality: Asia Minor.

Distribution: Caucasus, Turkey, Iran.

donaldi FRASER

- 1922 *Anaciaeschna donaldi* FRASER, J. Bombay nat. Hist. Soc., **28**: 699. Type female: British Museum (Nat. Hist.), London; type-locality: India.
- 1924 *Anaciaeschna donaldi* – FRASER, Rec. Indian Mus., **26**: 465 [incorrect synonymy with *martini* (SELYS, 1897)].
- 1943 *Anaciaeschna donaldi* – FRASER, Entomologist's month. Mag., **79**: 88 (as valid taxon).
- 1966 *Anaciaeschna donaldi* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), **18**: 189.

Distribution: India.

jaspidea (BURMEISTER)

- 1839 *Aeschna jaspidea* BURMEISTER, Handb. Ent., **2**: 840. Type female: Halle Mus.; type-locality: Java.
- 1865 *Aeschna tahitensis* BRAUER, Verh. zool.-bot. Ges. Wien, **15**: 907. Type male: not given, perhaps in Naturhist. Mus., Wien; type-locality: Tahiti.
- 1866 *Anax jaspidea* – BRAUER, Reise d. Novara, Neur.: 63.
- 1878 *Anaciaeschna jaspidea* – SELYS, Mitt. Zool. Mus. Dresden, **3**: 317 (as generotype of *Anaciaeschna* SELYS, 1878).
- 1898 *Anaciaeschna jaspidea* – CALVERT, Trans. Am. ent. Soc., **25**: 55.
- 1908 *Protoaeschna pseudochiri* FÖRSTER, Ann. Soc. ent. Belg., **52**: 217 (as generotype of *Protoaeschna* FÖRSTER, 1908). Type male: Mus. Naturk., Berlin; type-locality: New Guinea.
- 1908 *Anaciaeschna jaspidea* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 30 (redescription) (Java, Lombok, Sumatra, Borneo, Formosa, Tahiti).
- 1910 *Anaciaeschna jaspidea* – RIS, Die Fauna Südwest Australiens, **2**: 434 (Lombok).
- 1916 *Anaciaeschna jaspidea* – RIS, Suppl. ent. Berlin, **5**: 63 (Formosa).
- 1924 *Anaciaeschna jaspidea* – FRASER, Rec. Indian Mus., **26**: 465 (India).
- 1934 *Anaciaeschna jaspidea* – LIEFTINCK, Treubia, **14** (4): 447 (Java).
- 1937 *Anaciaeschna jaspidea* – NEEDHAM & GYGER, Philipp. J. Sci., **63** (1): 41 (Luzon).
- 1954 *Anaciaeschna jaspidea* – LIEFTINCK, Treubia, **22** Suppl.: 109 (Sumatra, Java, Borneo).
- 1965 *Anaciaeschna jaspidea* – ASAHINA, Kontyû, **33** (4): 500 (Hong-Kong).

Distribution: Oriental region.

kashmirensis SANTOCK & BAIJAL

- 1954 *Anaciaeschna kashmirensis* SANTOCK & BAIJAL, Agra Univ. J. Res., **3** (2): 388. Type male: Indian Mus.; type-locality: Kashmir.

Distribution: Kashmir.

martini (SELYS)

- 1897 *Aeschna martini* SELYS, Ann. Soc. ent. Belg., **41**: 431. Type male: Martin's Collection; type-locality: Japan.
- 1908 *Aeschna martini* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 72 (Yokohama).
- 1924 *Anaciaeschna martini* – FRASER, Rec. Indian Mus., **26**: 465 (West India).
- 1926 *Aeschna martini* – OGUMA, Ins. matsum., **1** (2): 81 (Japan).

Distribution: Japan, and ? India.

megalopsis MARTIN

- 1908 *Anaciaeschna megalopsis* MARTIN, Coll. Zool. Selys de Longchamps, **18**: 31. Type male: Martin's Collection; type-locality: New Guinea.
- 1926 *Anaciaeschna huonensis* FRASER, Treubia, **8** (3–4): 473. Type male: British Museum (Nat. Hist.), London; type-locality: New Guinea.

Distribution: New Guinea.

melanostoma LIEFTINCK

1949 *Anaciaeschna melanostoma* LIEFTINCK, Treubia, **20** (2): 354. Type male: Naturhist. Mus., Basel; type-locality: Guadalcanal.

Distribution: Guadalcanal.

moluccana LIEFTINCK

1930 *Anaciaeschna moluccana* LIEFTINCK, Treubia, 7 Suppl.: 217. Type male: Lieftinck's Collection; type-locality: Molucca.

Distribution: Malaysia.

montivagans LIEFTINCK

1932 *Anaciaeschna montivagans* LIEFTINCK, Stylops, **1** (2): 251. Type male: Buitenzorg Mus.; type-locality: Java.

1934 *Anaciaeschna montivagans* – LIEFTINCK, Treubia, **14** (4): 447 (Java).

1943 *Anaciaeschna montivagans* – FRASER, Entomologist's month. Mag., **79**: 88 [incorrect synonymy with *martini* (SELYS, 1897)].

1954 *Anaciaeschna montivagans* – LIEFTINCK, Treubia, **22** Suppl.: 109 (Sumatra, Java).

Distribution: Sumatra, Java.

triangulifera MCLACHLAN

1896 *Anaciaeschna triangulifera* MCLACHLAN, Ann. Mag. nat. Hist., (6) **17**: 368. Type male: McLachlan's Collection; type-locality: Delagoa Bay (Mozambique).

1908 *Anaciaeschna triangulifera* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 32 (Madagascar, Natal).

1921 *Anaciaeschna triangulifera* – RIS, Annl. S. Afr. Mus., **18**: 366 (Abyssinia).

1958 *Anaciaeschna triangulifera* – PINHEY, Stuttg. Beitr. Naturk., **1958** (10): 2 (tropical and subtropical Africa).

1962 *Anaciaeschna triangulifera* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 192 (from Natal to Abyssinia, Congo, Angola, Madagascar).

Distribution: tropical Africa, Madagascar.

Genus **Anax** LEACH

1815 *Anax* LEACH, in Brewster's Edinb. Encycl., **9** (1): 137. Type species: *Anax imperator* LEACH, 1815 (monotypy). – 1905 *Anax* – JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 760 (key to species). – 1908 *Anax* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 9 (revision). – 1910 *Anax* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 105. – 1911 *Anax* – MARTIN, Gen. Insectorum, Bruxelles, **115**: 8 (revision). – 1921 *Anax* – RIS, Annl. S. Afr. Mus., **18**: 367 (key to South African species). – 1923 *Anax* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 11 (list of Oriental species). – 1926 *Anax* – OGUMA, Ins. matsum., **1** (2): 574 (key to species of New Guinea). – 1936 *Anax* – LONGFIELD, Trans. R. ent. Soc. London, **85**: 482. – 1954 *Anax* – LIEFTINCK, Treubia, **22** Suppl.: 110. – 1950 *Anax* – MORERA, Inst. Esp. Ent., Madrid, **41** (key to Spanish species). – 1962 *Anax* – LIEFTINCK, Insects of Micronesia, **5** (1): 46 (key to Micronesian species and subspecies). – 1976 *Anax* – PINHEY, Occ. Pap. natn. Mus. Monum. Rhod. (Nat.Sci.), **5** (10): 560 (key to species). – 1984 *Anax* – STEINMANN, Fauna Hung., **160**: 67 (key to Central European species).

amazili (BURMEISTER)

1839 *Aeschna amazili* BURMEISTER, Handb. Ent., **2**: 841. Type: lost; type-locality: S. America.

1842 *Anax maculatus* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 188. Type female: not given; type-locality: Brazil.

1890 *Anax amazili* – KIRBY, Syn. Cat. Neur.-Odon., London: 84.

- 1890 *Anax maculatus* – KIRBY, Syn. Cat. Neur.-Odon., London: 84 [proposed synonymy with *amazili* (BURMEISTER, 1839)].
 1898 *Anax amazili* – CALVERT, Trans. Am. ent. Soc., **25**: 56.
 1908 *Anax amazili* – MARTIN, Cool. Zool. Selys de Longchamps, **18**: 13 (Central America, Cuba, Barbados, Galapagos).
 1916 *Anax amazili* – RIS, Arch. Naturg., (A) **82**: 173 (U.S.: New Orleans, Mexico, Panama, Brazil).
 1919 *Anax amazili* – CALVERT, Trans. Am. ent. Soc., **45**: 357 (Cuba).

Distribution: from South U.S.A. to Brazil.

bangweuluensis KIMMINS

- 1955 *Anax bangweuluensis* KIMMINS, Entomologist, **88**: 110. Type male: British Museum (Nat. Hist.), London; type-locality: N. Rhodesia.
 1962 *Anax bangweuluensis* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 194.

Distribution: Zambia, Zimbabwe, Malawi.

chloromelas RIS

- 1911 *Anax chloromelas* RIS, Ann. Soc. ent. Belg., **55**: 321. Type male: Mus. r. Afr. centr., Tervuren; type-locality: West Africa.
 1962 *Anax chloromelas* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 194 (Spanish Guinea, Belgian Congo, Uganda, N. Rhodesia).

Distribution: tropical Africa.

concolor BRAUER

- 1865 *Anax concolor* BRAUER, Abh. Zool.-Bot. Ges. Wien, **15**: 508. Type male: not given, perhaps in Naturhist. Mus., Wien; type-locality: Rio Negro.
 1908 *Anax longipes* race *concolor* – MARTIN, Coll.Zool. Selys de Longchamps, **18**: 13 (Brazil).
 1910 *Anax concolor* – MUTTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 105 (Haiti, Mexico, Brazil).
 1970 *Anax concolor* – DONNELLY, Smiths. Contr. Zool., **37**: 8 (Dominica).

Distribution: Central America, Brazil.

congoliath congoliath FRASER

- 1953 *Anax congoliath* FRASER, Rev. Zool. Bot. afr., **48**: 301. Type male: Mus. r. Afr. centr., Tervuren; type-locality: Belgian Congo.
 1962 *Anax congoliath* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 194.

Distribution: Congo Republic.

congoliath lisomboae PINHEY

- 1962 *Anax congoliath lisomboae* PINHEY, Occ. Pap. nat. Mus. S. Rhod., (B) **3**: 908. Type male: South Rhod. Mus.; type-locality: Rhodesia.
 1964 *Anax congoliath lisomboae* – PINHEY, Publ. cult. Comp. Diam. Angola, **63**: 113 (Angola – Congo border).

Distribution: from Angola to Rhodesia.

dubius LACROIX

- 1921 *Anax dubius* LACROIX, Ann. Soc. linn. Lyon, **67**: 45. Type male: unknown; type-locality: Korea.

Distribution: Korea.

fumosus fumosus HAGEN

- 1867 *Anax fumosus* HAGEN, Verh. Zool.-Bot. Ges., Wien, **17**: 43. Type male: Hagen's Collection; type-locality: Ternate (Indonesia).

- 1900 *Anax gibbosulus* ab. *fumosus* – KARSCH, Abh. Senckenberg. Naturf. Ges., **25**: 213.
 1923 *Anax fumosus* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 13 (Himalayas, Japan).
 1926 *Anax fumosus* – LIEFTINCK, Treubia, **7** Suppl.: 315 (redescription of male and female).
 1927 *Anax fumosus* – RIS, Zool. Meded., Leiden, **10** (1): 34 (redescription) (Sumatra).
 1942 *Anax fumosus* – LIEFTINCK, Treubia, **18** (3): 594 (Ternate, Boeroe Island).

Distribution: from Japan to Sumatra.

fumosus celebense LIEFTINCK

- 1942 **Anax fumosus celebense** LIEFTINCK, Treubia, **18** (3): 595. Type male: Lieftinck's Collection; type-locality: Celebes.

Distribution: Celebes.

georgius SELYS

- 1872 **Anax georgius** SELYS, Rev. Zool., **23**: 179. Type male: R. Mus. Bruxelles; type-locality: Natal.
 1908 *Anax georgius* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 16 (Natal).
 1921 *Anax georgius* – RIS, Anns S. Afr. Mus., **18**: 371.
 1962 *Anax georgius* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 194.
 1990 *Anax georgius* – ASAHINA, Odonatologica, **19** (1): 71 (redescription; „habitat is certainly Timor, not Natal, South Africa“).

Distribution: Timor.

gibbosulus RAMBUR

- 1842 **Anax gibbosulus** RAMBUR, Hist. nat. Ins. Neuropt., Paris: 187. Type male: Mus. Nation. Hist. Nat., Paris; type-locality: Australia.
 1908 *Anax gibbosulus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 24 (redescription).
 1915 *Anax gibbosulus* – RIS, Nova Guinea, **13** (2): 84 (New Guinea).
 1923 *Anax gibbosulus* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 12.
 1933 *Anax gibbosulus* – LIEFTINCK, Revue suisse Zool., **40**: 437 (Flores, Sumba).
 1934 *Anax gibbosulus* – LIEFTINCK, Treubia, **14** (4): 448 (Java, Sumatra, Australia, Sunda, Kei).
 1942 *Anax gibbosulus* – LIEFTINCK, Treubia, **18** (3): 599 (New Guinea, Timor, Flores, N. Australia).

Distribution: North Australia, and Flores, Sumba, New Guinea, Java, Sumatra, Kei Island.

guttatus (BURMEISTER)

- 1839 **Aeschna guttata** BURMEISTER, Handb. Ent., **2**: 840. Type male: Sommer's Collection; type-locality: Java.
 1842 **Anax magnus** RAMBUR, Hist. nat. Ins. Neuropt., Paris: 188. Type male: Serville's Collection; type-locality: Java.
 1881 *Anax guttatus* – CABOT, Mus. Comp. Zool. Mem., **8**: 16.
 1898 *Anax guttatus* – CALVERT, Trans. Am. ent. Soc., **25**: 54.
 1908 *Anax guttatus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 23 (redescription) (India, Seychelles, Queensland).
 1916 *Anax guttatus* – RIS, Suppl. ent. Berlin, **5**: 63 (Formosa, China).
 1916 *Anax guttatus* – TILLYARD, J. Linn. Soc. London, Zool., **33**: 66 (Queensland).
 1922 **Anax goliathus** FRASER, J. Bombay nat. Hist.Soc., **28**: 900. Type male: Fraser's Collection; type-locality: Burma.
 1923 *Anax guttatus* – „RAMBUR“ – LAIDLAW, Proc. U.S. natn. Mus., **62**: 12 (India, Ceylon, Malaya, Borneo).
 1926 *Anax guttatus* – OGUMA, Ins. matsum., **1** (2): 79 (Japan, Formosa).
 1934 *Anax guttatus* – SCHMIDT, Arch. Hydrobiol. Suppl., **13**: 354 (Java).
 1936 *Anax guttatus* – LIEFTINCK, Revue suisse Zool., **43** (5): 151 (Bali).

1954 *Anax guttatus* – LIEFTINCK, Treubia, **22** Suppl.: 110 (Siam, Malaya, Sumatra, Krakatau, Bali, Borneo).

1964 *Anax guttatus* – ASAHINA, Kontyû, **32** (1): 5 (Ryukyu).

Distribution: extends from the Seychelles to North Australia, and eastward to Samoa and the Taumotu Islands in the Pacific.

immaculifrons RAMBUR

1842 *Anax immaculifrons* RAMBUR, Hist. nat. Ins. Neuropt. Paris: 189. Type male: not given; type-locality: India.

1905 *Anax immaculifrons* – JACOBSON & BIANKI, Pryam. lozhnos Ross. imp.: 762 (India).

1908 *Anax immaculifrons* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 18 (redescription) (India, Hong-Kong).

1916 *Anax immaculifrons* – RIS, Suppl. ent. Berlin, **5**: 63 (India, China).

1924 *Anax immaculifrons* – FRASER, Rec. Indian Mus., **26**: 463 (West India).

Distribution: India, China, and Middle East, Turkey and Isle of Karpathos in the Aegean.

imperator LEACH

1815 *Anax imperator* LEACH, Edinb. Encycl., **9**: 137 (as genotype of *Anax* LEACH, 1815). Type male: lost; type-locality: England.

1823 *Aeschna formosa* VAN DER LINDEN, Opusc. Sci., **4**: 158. Type male: Mus. Naturk., Berlin; type-locality: Silesia (Poland).

1825 *Aeschna azurea* CHARPENTIER, Hor. Ent.: 31. Type: not given.

1839 *Aeschna dorsalis* BURMEISTER, Handb. Ent., **2**: 840. Type female: Sommer's Collection; type-locality: Cape of Good Hope.

1842 *Anax mauritanus* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 184. Type sex not given: Marchal's Collection; type-locality: Mauritius.

1856 *Aeschna lunata* KOLENATI, Bull. Mosc., **29** (2): 499. Type: lost; type-locality: Kirghisia.

1866 *Anax dorsalis* – BRAUER, Reise d. Novara, Neur.: 61.

1896 *Anax dorsalis* – KIRBY, Ann. Mag. nat. Hist., (7) **2**: 243 (Pretoria).

1898 *Aeschna azurea* – CALVERT, Trans. Am. ent. Soc., **25**: 54 (Hungary, Italy).

1898 *Anax mauritanus* – KIRBY, Ann. Mag. nat. Hist., (7) **2**: 243 (Pretoria, Nyassaland).

1898 *Anax dorsalis* – CALVERT, Trans. Am. ent. Soc., **25**: 56.

1908 *Anax dorsalis* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 17 (South Africa).

1908 *Anax mauritanus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 10 (South Africa, Mauritius, Madagascar).

1921 *Anax imperator mauritanus* – RIS, Annl. S. Afr. Mus., **18**: 368 (South Africa, Abyssinia, Madagascar, Mauritius).

1928 *Anax formosus* – ANDRES, Mém. Soc. R. ent. Egypt, **3** (1): 27 (Egypt).

1934 *Anax imperator mauritanus* – SCHOUDETEN, Ann. Mus. Congo Belge, Zool., **3 II 3**: 47 (Belgian Congo).

1936 *Anax imperator mauritanus* – LONGFIELD, Trans. R. ent. Soc. London, **85**: 482 (Africa).

1940 *Anax imperator* – NIELSEN, Mem. Soc. ent. ital., **19**: 244 (Sardinia).

1948 *Anax imperator* – AKRAMOVSKI, Zool. Zborn., Moscow, **5**: 168 (Armenia).

1950 *Anax imperator* – MORERA, Inst. Esp. Ent., Madrid, **42** (Spain).

1956 *Anax lunatus* – FRASER, R. Ent. Soc. London, **1** (10): 37 (England).

1960 *Anax lunatus* – HOFFMANN, Archives, **27**: 229 (France, Belgium, Germany, Holland, Luxembourg).

1961 *Anax imperator* – BELYSHV, Fragm. Faun. Warszawa, **9** (4): 34 (Kazakhstan).

1962 *Anax dorsalis* – PINHEY, Publ. cult. comp. Diam. Angola, **59**: 194 (type female: not in Mus. Halle).

1962 *Anax lunatus* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 195 (Africa, South Europe, West Asia).

1984 *Anax imperator mauritanus* – RAYAH & ZUBEIRA, Entomologist's month. Mag., **120**: 157 (Sudan).

1984 *Anax imperator* – STEINMANN, Fauna Hung., **160**: 68 (Hungary).

Distribution: tropical and subtropical Africa, and Madagascar, Europe (except Scotland, Denmark, Norway, Finland and North Russia), Asia Minor, West Asia.

indicus LIEFTINCK

1942 *Anax indicus* LIEFTINCK, Treubia, **18** (3): 589. Type male: Lieftinck's Collection; type-locality: Barkuda Island.

1955 *Anax indicus* – LIEFTINCK, Zool. Meded., Leiden, **34** (5): 84 (Ceylon).

Distribution: India, Sri Lanka.

junius (DRURY)

1773 *Libellula junia* DRURY, Ill. Ex. Ent., **1**: 47. Type: not given – lectotype male: Agassiz Mus., Cambridge (Mass.); type-locality: Kentucky.

1839 *Aeschna junius* – BURMEISTER, Handb. Ent., **2**: 841.

1842 *Anax spiniferus* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 186. Type male: Serville's Collection; type-locality: Italy(?).

1850 *Anax junius* – SELYS, Rev. Odon.: 328.

1898 *Anax junius* – CALVERT, Trans. Am. ent. Soc., **25**: 56.

1908 *Anax junius* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 11 (N. America, Cuba, Kamtchatka, China, Hawaii).

1910 *Anax spiniferus* – MUTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 105 [proposed synonymy with *junius* (DRURY, 1773) (North America, Hawaiian Islands, Eastern Coast of Asia)].

1919 *Anax junius* – CALVERT, Trans. Am. ent. Soc., **45**: 357 (Cuba).

1931 *Anax junius* – SCHMIDT, Konowia, **10** (3): 185 (China).

1936 *Anax junius* – WILLIAMS, Proc. Haw. ent. Soc., **9**: 287 (Hawaii) (redescription).

1946 *Anax junius* – LA RIVERS, Ent. News, **57**: 215 (Nevada).

Distribution: North America, Eastern Coast of Asia, Hawaii.

longipes HAGEN

1861 *Anax longipes* HAGEN, Syn. Neur. N.Amer., Washington: 118. Type sex not given: Zürich Mus.; type-locality: Georgia.

1874 *Anax longipes* – MCLACHLAN, Entomologist's month. Mag., **10**: 227 (mutilated male description – Dublin Mus.).

1908 *Anax longipes* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 12 (U.S., Haiti, Mexico, Brazil).

1910 *Anax longipes* – MUTKOWSKI, Bull. Publ. Mus., Milwaukee, **1** (1): 106 (type female in Zürich Mus.).

Distribution: South U.S.A., Mexico, Brazil.

maclachlani FÖRSTER

1898 *Anax maclachlani* FÖRSTER, Természetr. Füz., Budapest, **21**: 290. Type male: Förster's Collection; type-locality: New Guinea.

1908 *Anax maclachlani* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 25 (New Guinea, Bismarck Archipelago).

1934 *Anax maclachlani* – KENNEDY, Annls Ent. Soc. Amer., **27**: 353 (redescription of male).

1942 *Anax maclachlani* – LIEFTINCK, Treubia, **18** (3): 603 (New Guinea).

Distribution: New Guinea, Bismarck Archipelago.

marginope BAIJAL & AGARWAL

1955 *Anax marginope* BAIJAL & AGARWAL, Agra Univ. J. Res., **4** (2): 453. Type female: Nation. Coll. zool. Surv. India, Calcutta; type-locality: India.

Distribution: India.

maritimus PROVANCHER

1895 *Anax maritimus* PROVANCHER, Nat. Canad., **22**: 79. Type sex and locality unknown; type-locality: Madeleine Island.

Distribution: Canada.

nigrofasciatus OGUMA

1915 *Anax nigrofasciatus* OGUMA, Ent. Mag., Kyoto, **1** (3): 121. Type male: Hokkaido Univ.; type-locality: Japan.

1926 *Anax nigrofasciatus* – OGUMA, Ins. matsum., **1**: 78.

1961 *Anax nigrofasciatus* – ASAHINA, Ins. matsum., **24**: 61 (Japan).

Distribution: Japan.

nigrolineatus FRASER

1935 *Anax nigrolineatus* FRASER, J. Darjeeling nat. Hist. Soc., **10**: 23. Type male: British Museum (Nat. Hist.), London; type-locality: India.

Distribution: India.

parthenope parthenope (SELYS)

1839 *Aeschna parthenope* SELYS, Bull. Acad. r. Belg., **6** (2): 389. Type male: R. Mus. Bruxelles; type-locality: Italy: Naples.

1840 *Anax parthenope* – SELYS, Monogr. Libell. europ., Paris: 119.

1842 *Anax parisius* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 185. Type sex and locality unknown.

1867 *Anax bacchus* HAGEN, Verh. Zool.-Bot. Ges., Wien, **17**: 48. Type male: Hagen's Collection; type-locality: Himalaya.

1887 *Anax parthenope* – SELYS, Ann. Soc. ent. Belg., **31**: 35 (France, Suisse, Italy, Algeria, Turkestan, Transcaucasica).

1898 *Anax bacchus* – CALVERT, Proc. Acad. nat. Sci. Philad., **1**: 148 [proposed synonymy with *parthenope* (SELYS, 1839)].

1908 *Anax parthenope* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 21 (redescription) (Europe, N. Africa, Asia Minor and Central Asia).

1908 *Anax bacchus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 22 (redescription) (Sikkim, Himalaya).

1928 *Anax parthenope* – ANDRES, Mém. Soc. R. ent. Egypt, **3** (1): 27 (Egypt).

1940 *Anax parthenope* – NIELSEN, Mem. Soc. ent. ital., **19**: 244 (Sardinia).

1948 *Anax parthenope* – AKRAMOWSKI, Zool. Zborn., Moscow, **5**: 168 (Armenia).

1950 *Anax parthenope* – MORERA, Inst. Esp. Ent., Madrid, **43** (Spain).

1952 *Anax parthenope* – RAYMOND, Bull. Soc. Sci. nat. Maroc, **32**: 88 (Sahara).

1961 *Anax parthenope* – BELYSHEV, Fragm. Faun. Warszawa, **9** (4): 35 (Kazakhstan).

1962 *Anax parthenope* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 196 (Somalia, Senegal, French Equatorial Africa).

1984 *Anax parthenope* – STEINMANN, Fauna Hung., **160**: 68 (Hungary).

Distribution: Western Palaearctic subregion, and Equatorial Africa.

parthenope geyri BUCHHOLTZ

1955 *Anax parthenope geyri* BUCHHOLTZ, Bonn. zool. Beitr., **6**: 129. Type male: Koenig Mus., Bonn; type-locality: Spain.

1962 *Anax parthenope geyri* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 196 (Spanish North Africa, and French Equatorial Africa).

Distribution: Spain, and North-central Africa.

parthenope jordansi BUCHHOLTZ

1955 *Anax parthenope jordansi* BUCHHOLTZ, Bonn. zool. Beitr., **6**: 129. Type male: Koenig Mus., Bonn; type-locality: Greece.

Distribution: Greece.

parthenope julius BRAUER

1865 *Anax julius* BRAUER, Abh. Zool.-Bot. Ges. Wien, **15**: 508. Type male: not given; type-locality: Shanghai.

1908 *Anax parthenope* race *julius* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 21 (Japan, China, Formosa, Bengal).

1916 *Anax parthenope julius* – RIS, Suppl. ent. Berl., **5**: 63 (Formosa, Japan, Korea, China).

1931 *Anax parthenope julius* – SCHMIDT, Konowia, **10** (3): 185 (China).

1952 *Anax parthenope julius* – ASAHINA, Mushi, **23** (6): 45 (Bonin Island).

1962 *Anax parthenope julius* – LIEFTINCK, Insects of Micronesia, **5** (1): 47.

Distribution: from the Bonin, Ryukyu, Japan, Korea and China.

parthenope major GÖTZ

1925 *Anax parthenope major* GÖTZ, Mitt. münch. ent. Ges., **13**: 36. Type male: unknown; type-locality: Anatolia.

Distribution: Turkey.

piraticus KENNEDY

1908 *Anax guttatus* race *panybeus* MARTIN (nec HAGEN, 1867), Coll. Zool. Selys de Longchamps, **18**: 24. Male from Celebes.

1934 *Anax piraticus* KENNEDY, Ann. Ent. Soc. Amer., **27** (2): 346. Type male: U.S. natn. Mus., Washington; type-locality: Guam.

1962 *Anax piraticus* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 195 (Seychelles, Eastern Asia).

1962 *Anax piraticus* – LIEFTINCK, Insects of Micronesia? **5** (1): 48 (Guam, Saipan).

Distribution: from Seychelles to Guam, and Saipan.

panybeus HAGEN

1867 *Anax panybeus* HAGEN (nec MARTIN, 1908), Verh. Zool.-Bot. Ges. Wien, **17**: 42. Type male: Rijksmus. Natuurl. Hist., Leiden; type-locality: Celebes.

1942 *Anax panybeus* – LIEFTINCK, Treubia, **18** (3): 597 (Celebes).

1954 *Anax panybeus* – LIEFTINCK, Treubia, **22** Suppl.: 110 (Sumatra, Java, Bali, Borneo).

Distribution: Borneo, Celebes, Java, Sumatra, Bali.

pugnax LIEFTINCK

1942 *Anax pugnax* LIEFTINCK, Treubia, **18** (3): 605. Type male: Lieftinck's Collection; type-locality: New Guinea.

Distribution: New Guinea.

selysi FÖRSTER

1900 *Anax selysii* FÖRSTER, Természetr. Füz., Budapest, **23**: 38. Type male: unknown, perhaps undesignated in Természett. Múz., Budapest; type-locality: New Guinea.

- 1908 *Anax selysi* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 26 (type male in Förster's Collection) (New Guinea).
 1942 *Anax selysi* – LIEFTINCK, Treubia, **18** (3): 593 (type in Ann Arbor Mus.) (New Guinea).

Distribution: New Guinea.

speratus HAGEN

- 1867 *Anax speratus* HAGEN, Verh. Zool.-Bot. Ges. Wien, **17**: 46. Type male: Hagen's Collection; type-locality: Cape of Good Hope.
 1883 *Anax rutherfordi* MCLACHLAN, Entomologist's month. Mag., **20**: 128. Type male: British Museum (Nat. Hist.), London; type-locality: Sierra Leone.
 1896 *Anax rutherfordi* – CALVERT, Proc. U.S. natn. Mus., **43**: 137 (description of female).
 1908 *Anax speratus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 20 (Cap.).
 1908 *Anax rutherfordi* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 20 (redescription) (Sierra Leone, Congo, Tanzania).
 1921 *Anax speratus* – RIS, Annls S. Afr. Mus., **18**: 368 (Natal, Transvaal, Congo, Abyssinia, Eritrea).
 1934 *Anax rutherfordi* – SCHOUDETEN, Ann. Mus. Congo Belg., Zool., (3) **II** 3: 48 (Belgian Congo).
 1959 *Anax speratus* – LONGFIELD, Publ. cult. Comp. Diam. Angola, **45**: 30 (Angola).
 1962 *Anax speratus* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 196 (Continental Ethiopian Region).
 1962 *Anax rutherfordi* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 196 (proposed synonymy with *speratus* HAGEN, 1867).

Distribution: Continental Africa.

strenuus HAGEN

- 1867 *Anax strenuus* HAGEN, Verh. Zool.-Bot. Ges. Wien, **17**: 34. Type female: Univ. zool. Mus., København; type-locality: Oahu.
 1884 *Anax strenuus* – BLACKBURN, Ann. Mag. nat. Hist. (5) **14**: 413 (descripton of male).
 1908 *Anax strenuus* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 11 (Hawaii).
 1936 *Anax strenuus* – WILLIAMS, Proc. Haw. ent. Soc., **9**: 274 (redescription) (Hawaii).
 1948 *Anax strenuus* – ZIMMERMANN, Ins. Hawaii, **2**: 331.

Distribution: Hawaii.

tristis HAGEN

- 1867 *Anax tristis* HAGEN, Verh. Zool.-Bot. Ges. Wien, **17**: 35. Type female: Univ. zool. Mus., København; type-locality: Guinea.
 1872 *Anax goliath* SELYS, Rev. Zool., (2) **23**: 178. Type male: R. Mus. Bruxelles; type-locality: Madagascar.
 1908 *Anax goliath* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 15 (Madagascar, Guinea, Nyassa).
 1917 *Anax goliath* – SJÖSTEDT, Ark. Zool. Uppsala, **11** 813): 3 (Madagascar).
 1921 *Anax tristis* – RIS, Annls S. Afr. Mus., **18**: 370 (Rhodesia).
 1953 *Anax tristis* – FRASER, Rev. Zool. Bot. afr., **48**: 301.
 1953 *Anax goliath* – FRASER, Rev. Zool. Bot. afr., **48**: 301 (proposed synonymy with *tristis* HAGEN, 1867).
 1956 *Anax tristis* – FRASER, Faune Madag., **1**: 14.
 1962 *Anax tristis* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 196 (tropical Central and West Africa, Madagascar).

Distribution: Central and Equatorial African subregion, Madagascar.

tumorifer MCLACHLAN

- 1885 *Anax tumorifer* MCLACHLAN, Entomologist's month. Mag., **21**: 250. Type male: British Museum (Nat. Hist.), London; type-locality: Madagascar.

1908 *Anax tumorifer* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 19 (redescription) (Madagascar).

1962 *Anax tumorifer* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 197.

Distribution: Madagascar.

walshinghami MCLACHLAN

1881 *Anax validus* HAGEN, 1873 – loc. cit. CABOT, Mem. Mus. Comp. Zool., **8**: 15.

1882 *Anax walshinghami* MCLACHLAN, Entomologist's month. Mag., **20**: 127. Type male: McLachlan's Collection in British Museum (Nat. Hist.), London; type-locality: California.

1908 *Anax walsinghami* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 14 (California, Arizona, Guatemala).

1910 *Anax walsinghami* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 106 (California, Arizona, Guatemala).

Distribution: Southern U.S.A., Guatemala.

Genus *Hemianax* SELYS

1839 *Cyrtosoma* BURMEISTER, Handb. Ent., **2**: 839 (emendation). – 1871 *Cyrtosoma* – SELYS, Trans. ent. Soc. London, **1871**: 412. – 1883 *Hemianax* SELYS, Bull. Acad. Sci. Belg., (3) **5**: 723 (new name for *Cyrtosoma* BURMEISTER, 1839, a junior primary homonymy of *Cyrtosoma* CURTIS, 1829 in Hymenoptera). – 1890 *Cyrtosoma* – KIRBY, Syn. Cat. Neur.-Odon., London: 83 (proposed synonymy with *Anax* LEACH, 1815). – 1905 *Proanax* SELYS – loc. cit. JACOBSON & BIANKI, Pryam. lozhnos. Ross. imp.: 782. – 1911 *Hemianax* – MARTIN, Gen. Insectorum Bruxelles, **115**: 9. – 1921 *Hemianax* – RIS, Anns S. Afr. Mus., **18**: 372 (revision). – 1962 *Hemianax* – PINHEY, Publ. Cult. comp. Angola, **59**: 193.

ephippiger (BURMEISTER)

1839 *Cyrtosoma ephippiger* BURMEISTER, Handb. Ent., **2**: 840. Type male: Hoffmannsegg's Collection in Halle Mus.; type-locality: Madras.

1840 *Anax mediterranea* SELYS, Mon. Libell. Europ., Paris: 120. Type male: Mus. Nation. Hist. Nat. Paris; type-locality: France.

1842 *Anax senegalensis* RAMBUR, Hist. nat. Ins. Neuropt. Paris: 190. Type: not given; type-locality: Senegal.

1866 *Anax ephippiger* – BRAUER, Reise d. Novara, Neur.: 63.

1883 *Hemianax ephippiger* – SELYS, Bull. Acad. r. Belg., (2) **5**: 723 (as generotype of *Hemianax* SELYS, 1883).

1890 *Hemianax ephippiger* – KIRBY, Syn. Cat. Neur.-Odon., London: 85.

1895 *Hemianax ephippiger* – CALVERT, Trans. Am. ent. Soc., **25**: 55.

1908 *Hemianax ephippiger* – MARTIN, Coll. Zool. Selys de Longchamps, **18**: 28 (Africa, Seychelles, Asia, South Europe).

1921 *Hemianax ephippiger* – RIS, Anns S. Afr. Mus., **18**: 373 (Transvaal).

1924 *Hemianax ephippiger* – FRASER, Rec. Indian Mus., **26**: 463 (West India).

1928 *Hemianax ephippiger* – ANDRES, Mém. Soc. R. ent. Egypt, **3** (1): 27 (Egypt).

1929 *Hemianax ephippiger* – DELMAS, Bull. Soc. Hist. nat. Toulouse, **58**: 639 (France).

1938 *Hemianax ephippiger* – SCHMIDT, Sitzber. Akad. Wiss. Wien, (1) **147**: 147 (Israel).

1940 *Hemianax ephippiger* – NIELSEN, Mem. Soc. ent. ital., **19**: 244 (Sardinia).

1950 *Hemianax ephippiger* – MORERA, Inst. Esp. Ent., Madrid: 43 (Spain).

1952 *Hemianax ephippiger* – REYMOND, Bull. Soc. Sci. nat. Maroc, **32**: 88 (Sahara).

1962 *Hemianax ephippiger* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 193 (Africa, Seychelles, Madagascar, South Europe, Turkestan).

Distribution: from Turkestan, and India to South Africa, and Madagascar, Seychelles, Southcentral Europe.

papuensis (BURMEISTER)

- 1839 **Aeschna papuensis** BURMEISTER, Handb. Ent., 2: 841. Type male: Sommer's Collection; type-locality: Australia.
- 1842 **Anax congener** RAMBUR, Hist. nat. Ins. Neuropt., Paris: 191. Type male: Mus. Nation. Hist. Nat. Paris; type-locality: unknown.
- 1866 *Anax papuensis* – BRAUER, Verh. Zool.-Bot. Ges. Wien, 16: 33.
- 1890 *Hemianax papuensis* – KIRBY, Syn. Cat. Neur.-Odon., London: 86.
- 1898 *Hemianax papuensis* – CALVERT, Trans. Am. ent. Soc., 25: 56.
- 1901 *Hemianax papuensis* – MARTIN, Mem. Soc. zool. France, 14: 233 (Victoria, South Australia).
- 1908 *Hemianax papuensis* – MARTIN, Coll. Zool. Selys de Longchamps, 18: 29 (Australia, New Guinea).
- 1916 *Anax papuensis* – TILLYARD, J. Linn. Soc. London, Zool., 33: 67 (Victoria, West Australia).
- 1917 *Hemianax papuensis* – SJÖSTEDT, Ark. Zool. Uppsala, 11 (11): 18 (North-west Australia).
- 1954 *Hemianax papuensis* – LIEFTINCK, Treubia, 22 Suppl.: 111 (Java).

Distribution: Australia, New Guinea, Java.

Tribe Gynacanthini

Long abdomen, very large eyes. Hind wing of male angulated at base. *Riii* not bent towards stigma; anal triangle present. Oreillets on segment 2 of male. Female with dentigerous plate produced into 2 or 3 long robust spines projecting under segment 10.

- 1923 **Gynacanthinae** LAIDLAW, Proc. U.S. natn. Mus., 62: 3. – 1940 *Gynacanthaginae* – TILLYARD & FRASER, Austr. Zool., 9: 379 (with genera *Gynacantha*, *Austrogynacantha*, *Plattycantha*, *Cornacantha*, *Heliaeschna*, *Triaecanthagyna*, *Neuraeschna*, *Staurophlebia*, *Aeschnophlebia*, *Telephlebia*). – 1954 *Gynacanthaginae* – LIEFTINCK, Treubia, 22: 99. – 1962 *Gynacanthaginae* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 197 (key to African genera: *Acanthagyna*, *Heliaeschna*). – 1977 *Gynacanthagyna* – BELYSEV & KHARATONOV, Nauka, Novosibirsk; 66 (key to boreal genera). – 1985 **Gynacanthini** DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 11 (with genera *Agyrtacantha*, *Austrogynacantha*, *Gynacantha*, *Heliaeschna*, *Limnetron*, *Neuraeschna*, *Plattycantha*, *Staurophlebia*, *Subaeschna*, *Tetracanthagyna*, *Triaecanthagyna*).

Genus Agyrtacantha LIEFTINCK

- 1937 **Agyrtacantha** LIEFTINCK, Nova Guinea (N.S.) 1: 341. Type species: *Triaecanthagyna dirupta* KARSCH, 1889 (original designation).

dirupta (KARSCH)

- 1889 **Triaecanthagyna dirupta** KARSCH, Ent. Nachr., 15 (15): 236. Type male: Mus. Naturk., Berlin; type-locality: Key Island.
- 1890 *Gynacantha dirupta* – KIRBY, Syn. Cat. Neur.-Odon., London: 94.
- 1909 *Plattycantha dirupta* – MARTIN, Bull. Soc. ent. ital., 60: 20.
- 1909 *Cornacantha dirupta* – FÖRSTER, Jb. Nassau Ver. Naturk. Wiesb., 62: 216.
- 1909 **Platacantha foersteri** MARTIN, Coll. Zool. Selys de Longchamps, 19: 154. Type male: unknown; type-locality: Malay Archipelago.
- 1911 *Platacantha dirupta* – MARTIN, Gen. Insectorum, Bruxelles, 115: 23.
- 1911 *Platacantha foersteri* – MARTIN, Gen. Insectorum, Bruxelles, 115: 23.
- 1926 **Gynacantha reticulata** FRASER, Treubia, 8 (3–4): 478. Type male: Buitenzorg Mus.; type-locality: Key Island.
- 1930 *Plattycantha dirupta* – LIEFTINCK, Treubia, 12: 166.

- 1930 *Gynacantha reticulata* – LIEFTINCK, Treubia, **12**: 166 [proposed synonymy with *dirupta* (KARSCH, 1889)].
 1934 *Plattycantha dirupta* – COWLEY, Entomologist's month. Mag., **70**: 246.
 1942 *Agyrtacantha dirupta* – LIEFTINCK, Treubia, **18** (3): 570 (Moluccas, Key, New Guinea, New Ireland, North Australia, Solomon Islands).
 1937 *Agyrtacantha dirupta* – LIEFTINCK, Nova Guinea (N.S.) **1**: 341 (as generotype of *Agyrtacantha* LIEFTINCK, 1937).

Distribution: Oriental region, and North Australia.

microstigma (SELYS)

- 1878 *Gynacantha microstigma* SELYS, Mitt. Zool. Mus. Dresden **3**: 316. Type male: Selys's Collection; type-locality: Moluccas.
 1890 *Acanthagyna microstigma* – KIRBY, Syn. Cat. Neur.-Odon., London: 95.
 1900 *Karschia angulata* FÖRSTER, Természetr. Füz., Budapest, **23**: 96. Type female: Természett. Múz., Budapest; type-locality: New Guinea.
 1909 *Platacantha microstigma* – MARTIN, Coll. Zool. Selys de Longchamps, **19**: 155.
 1913 *Platycantha microstigma* – RIS, Nova Guinea, **9** (3): 489.
 1937 *Agyrtacantha microstigma* – LIEFTINCK, Nova Guinea (N.S.) **1**: 344.
 1942 *Agyrtacantha microstigma* – LIEFTINCK, Treubia, **18** (3): 570 (New Guinea, Ternate, Aroe Island).

Distribution: New Guinea, Moluccas.

othello LIEFTINCK

- 1942 *Agyrtacantha othello* LIEFTINCK, Treubia, **18** (3): 571. Type female: Lieftinck's Collection; type-locality: New Guinea.

Distribution: New Guinea.

tumidula LIEFTINCK

- 1937 *Agyrtacantha tumidula* LIEFTINCK, Nova Guinea (N.S.) **1**: 345. Type male: Rijksmus. Natuurl. Hist. Leiden; type-locality: New Guinea.

Distribution: New Guinea.

Genus *Austrogynacantha* TILLYARD

- 1908 *Austrogynacantha* TILLYARD, Proc. Linn. Soc. N.S. Wales, **33**: 425. Type species: *Austrogynacantha heterogena* TILLYARD, 1908 (original designation). – 1911 *Austrogynacantha* – MARTIN, Gen. Insectorum, Bruxelles, **115**: 25 (incorrect synonymy with *Gynacantha* RAMBUR, 1842). – 1916 *Austrogynacantha* – TILLYARD, J. Linn. Soc. London, Zool., **33**: 73 (revision).

heterogena TILLYARD

- 1908 *Austrogynacantha heterogena* TILLYARD, Proc. Linn. Soc. N.S. Wales, **33**: 428. Type male: Tillyard's Collection; type-locality: Queensland (as generotype of *Austrogynacantha* TILLYARD, 1908).
 1916 *Austrogynacantha* – TILLYARD, J. Linn. Soc. London, Zool., **33**: 74.

Distribution: Australia.

Genus *Gynacantha* RAMBUR

- 1842 *Gynacantha* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 209. Type species: *Gynacantha nervosa* RAMBUR, 1842 (genotype not given – designated by CALVERT, 1905; Biol. Centr.-Amer., Neur., London: 189). – 1890 *Acanthagyna* KIRBY, Syn. Cat. Neur.-Odon., London: 94 (fixed the type of *Gynacantha trifida* RAMBUR, 1842). – 1905 *Gynacantha* – JACOBSON & BIANKI, Pryam.

lozhnos. Ross. imp.: 763 (key to species). – 1905 *Selysiophlebia* FÖRSTER, Insekten-Börse, 1905: 75. Type species: *Selysiophlebia aratrix* FÖRSTER, 1905 (original designation). – 1911 *Acanthagyna* – MARTIN, Gen. Insectorum, Bruxelles, 115: 25 (proposed synonymy with *Gynacantha* RAMBUR, 1842). – 1921 *Gynacantha* – RIS, Annl. S. Afr. Mus., 18: 358 (key to South African species). – 1923 *Gynacantha* – LAIDLAW, Proc. U.S. natn. Mus., 62: 19 (revision, list of Oriental species). – 1926 *Gynacantha* – OGUMA, Ins. matsum., 1 (2): 84 (key to Japanese species). – 1934 *Acanthagyna* – COWLEY, Entomologist, 67: 200 (as valid taxon, type species: *Gynacantha nervosa* RAMBUR, 1842, original designation). – 1962 *Gynacantha* – FRASER, Rev. Zool. Bot. afr., 65: 3 (key to African species). – 1962 *Gynacantha* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 197.

adela MARTIN

- 1909 *Gynacantha adela* MARTIN, Coll. Zool. Selys de Longchamps, 19: 174. Type male: Martin's Collection; type-locality: Bolivia.
 1911 *Gynacantha martinii* NAVÁS, Rev. Mus. Paulista, 8: 479. Type male: unknown; type-locality: Brazil.
 1923 *Gynacantha adela* – WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Michigan, 9: 27 (Bolivia, Peru).
 1943 *Gynacantha adela* – SCHMIDT, Beitr. Fauna Perus, 2: 255.

Distribution: Bolivia, Peru.

africana (BEAUVOIS)

- 1805 *Aeschna africana* BEAUVOIS, Ans. Afr. Amer.: 67. Type: unknown; type-locality: West Africa.
 1890 *Acanthagyna africana* – KIRBY, Syn. Cat. Neur.-Odon., London: 95.
 1895 *Acanthagyna africana* – MCLACHLAN, Ann. Mag. nat. Hist., (6) 17: 413.
 1958 *Acanthagyna africana* – PINHEY, Stuttg. Beitr. Naturk., 1958 (10): 3 (Uganda, Belgian Congo, Tanganyika).
 1962 *Gynacantha africana* – FRASER, Rev. Zool. Bot. afr., 65: 7 (tropical Africa).

Distribution: tropical Africa.

albistyla FRASER

- 1927 *Gynacantha albistyla* FRASER, Rec. Indian Mus., 29: 75. Type male: British Museum (Nat. Hist.), London; type-locality: Bihar.
 1966 *Acanthagyna albistyla* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), 18: 177.

Distribution: India.

alcathone LIEFTINCK

- 1961 *Gynacantha alcathone* LIEFTINCK, Fieldiana (Zool.), 42: 145. Type male: unknown; type-locality: Mindanao.

Distribution: Philippine Islands.

apiaensis FRASER

- 1927 *Gynacantha apiaensis* FRASER, Ins. Samoa, 7: 35. Type male: British Museum (Nat. Hist.), London; type-locality: Samoa.
 1966 *Acanthagyna apiaensis* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), 18: 178.

Distribution: Samoa.

apicalis FRASER

- 1924 *Gynacantha apicalis* FRASER, Mem. Dept. Agr. India, 8: 83. Type female: British Museum (Nat. Hist.), London; type-locality: India.
 1966 *Acanthagyna apicalis* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), 18: 178.

Distribution: India.

aratrix (FÖRSTER)

1905 *Selysiophlebia aratrix* FÖRSTER, Insekten-Börse, **1905**: 75 (as generotype of *Selysiophlebia* FÖRSTER, 1905). Type male: Mus. Naturk., Berlin; type-locality: Paraguay.

1985 *Gynacantha aratrix* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 11.

Distribution: Paraguay.

arsinoe LIEFTINCK

1948 *Gynacantha arsinoe* LIEFTINCK, Treubia, **19** (3): 422. Type male: Rijksmus. Natuurl. Hist., Leiden type-locality: Talaud Island.

Distribution: Talaud Island (Indonesia).

arthuri LIEFTINCK

1953 *Gynacantha arthuri* LIEFTINCK, Verh. naturf. Ges. Basel, **64**: 177. Type male: Wagner's Collection; type-locality: Sumba.

Distribution: Sumba.

auricularis MARTIN

1909 *Gynacantha auricularis* MARTIN, Coll. Zool. Selys de Longchamps, **17**: 176. Type male: unknown; type-locality: Surinam.

1934 *Gynacantha auricularis* – HINCKS, Ent. Rec. Jn. Variat, **46**: 78.

1943 *Gynacantha auricularis* – SCHMIDT, Beitr. Fauna Perus, **2**: 255 (Costa Rica, Matto Grosso, Surinam).

Distribution: from Costa Rica to Brazil.

bainbriggei FRASER

1922 *Gynacantha bainbriggei* FRASER, Mem. Dept. Agr. India, **7**: 75. Type male: British Museum (Nat. Hist.), London; type-locality: Assam.

1966 *Acanthagyna bainbriggei* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), **18**: 181.

Distribution: India.

basiguttata SELYS

1882 *Gynacantha basiguttata* SELYS, Ann. Soc. Esp. nat. Hist., **11**: 18. Type male: Semper's Collection; type-locality: Luzon.

1890 *Acanthagyna basiguttata* – KIRBY, Syn. Cat. Neur.-Odon., London: 95.

1911 *Gynacantha basiguttata* – MARTIN, Gen. Insectorum Bruxelles, **115**: 26.

1923 *Gynacantha basiguttata* – LAIDLAW, Proc. U.S.natn. Mus., **62**: 21 (Burma, Indo-Chinese Peninsula, Celebes).

1926 *Gynacantha basiguttata* – OGUMA, Ins. matsum., **1** (2): 85 (Japan).

1926 *Gynacantha javica* FRASER, Treubia, **8** (3–4): 479. Type male: not given, perhaps in Fraser's Collection; type-locality: Java.

1930 *Gynacantha javica* – LIEFTINCK, Treubia, **12**: 165 (proposed synonymy with *basiguttata* SELYS, 1882).

1934 *Gynacantha basiguttata* – LIEFTINCK, Treubia, **14** (4): 444 (Java) (type male in R. Mus., Bruxelles).

1954 *Gynacantha basiguttata* – LIEFTINCK, Treubia, **22** Suppl.: 99 (Siam, Malaya, Sumatra, Java, Borneo).

Distribution: from Japan to Java.

bayadera SELYS

- 1892 *Gynacantha bayadera* SELYS, Ann. Mus. civ.stor. nat. Genova, (2) **10**: 483. Type male: Mus. civ. Stor. nat., Genova; type-locality: Burma.
- 1915 *Gynacantha bayadera* – RIS, Nova Guinea, **13**: 111 (Sikkim, Formosa, Java, Borneo, Celebes).
- 1923 *Gynacantha bayadera* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 26 (Sikkim to Formosa, and Celebes).
- 1926 *Gynacantha lytoni* FRASER, J. Darjeeling nat. Hist. Soc., **1**: 31. Type male: British Museum (Nat. Hist.), London; type-locality: India.
- 1926 *Gynacantha bayadera* – RIS, Zool. Meded., Leiden, **10** (1): 34 (Sumatra).
- 1930 *Gynacantha bayadera* – LIEFTINCK, Treubia, **12**: 164 (Java, Celebes).
- 1937 *Gynacantha bayadera* – NEEDHAM & GYGER, Philipp. J. Sci., **63** (1): 48 (Luzon, Mindanao).
- 1954 *Gynacantha bayadera* – LIEFTINCK, Treubia, **22** Suppl.: 100 (Siam, Malaya, Java, Borneo).
- 1964 *Gynacantha bayadera* – SCHMIDT, Ent. Tidschr., **85**: 160 (Burma).
- 1966 *Gynacantha lytoni* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), **18**: 202 (proposed synonymy with *bayadera* SELYS, 1892).

Distribution: Oriental region.

bifida bifida RAMBUR

- 1842 *Gynacantha bifida* RAMBUR, Hist. nat. Ins. Neuropt. Paris: 213. Type female: Mus. Nation., Hist. Nat. Paris; type-locality: not given.
- 1890 *Acanthagyna bifida* – KIRBY, Syn. Cat. Neur.-Odon. London: 95.
- 1911 *Gynacantha bifida* – MARTIN, Gen. Insectorum, Bruxelles, **115**: 25 (Florida).
- 1918 *Gynacantha bifida bifida* – RIS, Arch. Naturg., (A) **82**: 155.

Distribution: Florida.

bifida croceipennis MARTIN

- 1909 *Gynacantha bifida* var. *croceipennis* MARTIN, Coll Zool. Selys de Longchamps, **17**: 173. Male from Bolivia.
- 1918 *Gynacantha bifida croceipennis* – RIS, Arch. Naturg., (A) **82**: 155 (Peru, Bolivia).
- 1923 *Gynacantha croceipennis* – WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Mich., **9**: 44.
- 1943 *Gynacantha bifida croceipennis* – SCHMIDT, Beitr. Fauna Perus, **2**: 255 (Peru).
- 1984 *Gynacantha croceipennis* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 12.

Distribution: Peru, Bolivia.

biharica FRASER

- 1927 *Gynacantha biharica* FRASER, Rec. Indian Mus., **29**: 74. Type male: British Museum (Nat. Hist.), London; type-locality: Bihar.
- 1966 *Acanthagyna biharica* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), **18**: 182.

Distribution: India.

bispina RAMBUR

- 1842 *Gynacantha bispina* RAMBUR, Hist. nat. Ins. Neuropt. Paris: 211. Type sex not given: Marchal's Collection; type-locality: Mauritius.
- 1890 *Acanthagyna bispina* – KIRBY, Syn. Cat. Neur.-Odon., London: 95.
- 1911 *Gynacantha bispina* – MARTIN, Gen. Insectorum, Bruxelles, **115**: 25.
- 1962 *Acanthagyna bispina* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 200 (type female in Hope Mus. – ex Marchal's Collection).
- 1962 *Gynacantha bisipina* – FRASER, Rev. Zool. Bot. afr., **65**: 15 (Mauritius).

Distribution: Mauritius.

bonguensis FÖRSTER

1901 *Gynacantha bonguensis* FÖRSTER, 1898 – loc. cit. MARTIN, Mém. Soc. zool. France, **14**: 243 (emendation).

Distribution: Queensland.

bullata bullata KARSCH

1891 *Gynacantha bullata* KARSCH, Ent. Nachr., **17** (18): 282. Type male: Mus. Naturk., Berlin; type-locality: Sierra Leone.

1891 *Gynacantha bullata* – KARSCH, Ent. Nachr., **17** (20): 306 (redescription).

1934 *Gynacantha bullata* – SCHOUDETEN, Ann. Mus. Congo Belge, Zool., **3 II 3**: 51 (Belgian Congo).

1947 *Gynacantha bullata* – FRASER, Trans. R. ent. Soc. London, **98**: 34 (Ivory Coast).

1962 *Acanthagyna bullata* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 198 (Ivory Coast, French Guinea, Cameroon, Belgian Congo, Tanganyika, Uganda, Nigeria).

1962 *Gynacantha bullata* – FRASER, Rev. Zool. Bot. afr., **65**: 17 (tropical Africa).

Distribution: tropical Africa.

bullata elongata FRASER

1957 *Gynacantha bullata elongata* FRASER, Rev. Zool. Bot. afr., **55**: 339. Type male: Mus. r. Afr. centr., Tervuren; type-locality: Belgian Congo.

1962 *Acanthagyna bullata elongata* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 198.

Distribution: Congo Republic.

burmana LIEFTINCK

1960 *Gynacantha burmana* LIEFTINCK, Mem. Soc. ent. ital., **38**: 248. Type male: unknown; type-locality: Burma.

Distribution: Burma.

calliope LIEFTINCK

1953 *Gynacantha calliope* LIEFTINCK, Treubia, **22**: 260. Type male: unknown; type-locality: Waigeo Island.

Distribution: Waigeo Island (Indonesia).

calypso RIS

1916 *Gynacantha calypso* RIS, Nova Guinea, **13** (2): 108. Type male: Ris's Collection; type-locality: Ceram.

1926 *Gynacantha calypso* – LIEFTINCK, Treubia, **7**: 279 (Buru).

1930 *Gynacantha calypso* – LIEFTINCK, Treubia, **7**, Suppl.: 318.

1948 *Gynacantha calypso* – LIEFTINCK, Treubia, **19** (3): 418.

Distribution: Ceram, and Buru.

caudata KARSCH

1891 *Gynacantha caudata* KARSCH, Soc. Ent., **6**: 121. Type male: Mus. Naturk., Berlin; type-locality: Ecuador.

Distribution: Ecuador.

chelifera MCLACHLAN

1896 *Gynacantha chelifera* MCLACHLAN (SELYS MS), Ann. Mag. nat. Hist., (6) 17: 416. Type male: not given; type-locality: Brazil.

Distribution: Brazil.

convergens FÖRSTER

1908 *Gynacantha convergens* FÖRSTER, Ann. Soc. ent. Belg., 52: 215. Type male: R. Mus. Bruxelles; type-locality: Paraguay.

1916 *Gynacantha limai* NAVÁS, Mem. Pont. Acc. n. Linc., (2) 2: 71. Type: unknown; type-locality: Brazil.

Distribution: Brazil, Paraguay.

cylindrata KARSCH

1891 *Gynacantha cylindrata* KARSCH, Ent. Nachr., 17 (18): 282. Type male: Mus. Naturk., Berlin; type-locality: West Africa.

1891 *Gynacantha cylindria* (misprint) – KARSCH, Ent. Nachr., 17 (20): 308 (redescription).

1962 *Acanthagyna cylindrata* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 198 (Dahomey, Cameroon, Belgian Congo, Uganda).

1962 *Gynacantha cylindrata* – FRASER, Rev. Zool. Bot. afr., 65: 9.

1985 *Gynacantha lindratocy* LE ROI, 1915 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 13.

Distribution: tropical Africa.

demeter RIS

1911 *Gynacantha demeter* RIS, Ann. Soc. ent. Belg., 55: 245. Type male: Mus. Naturk., Berlin; type-locality: Borneo.

1923 *Gynacantha demeter* – LAIDLAW, Proc. U.S. natn. Mus., 62: 22 (Borneo).

1954 *Gynacantha demeter* – LIEFTINCK, Treubia, 22 Suppl.: 100 (Borneo).

Distribution: Borneo.

dobsoni FRASER

1951 *Gynacantha dobsoni* FRASER, Entomologist's month. Mag., 87: 307. Type male: British Museum (Nat. Hist.), London; type-locality: Australia.

1977 *Gynacantha dobsoni* – WATSON, Journ. Austr. ent. Soc., 16 (3): 278.

Distribution: Australia.

dohrni (KRÜGER)

1898 *Alloneura dohrni* KRÜGER, Stettiner ent. Ztg., 59: 114. Type male: Mus. Naturk., Berlin; type-locality: Sumatra.

1916 *Gynacantha dohrni* – TILLYARD, J. Linn. Soc. London, Zool., 33: 73 (Queensland).

1923 *Gynacantha dohrni* – LAIDLAW, Proc. U.S. natn. Mus., 62: 22 (Borneo).

1934 *Idionyx dohrni* – SCHMIDT, Arch. Hydrobiol. Suppl., 13: 377 (Sumatra).

1934 *Gynacantha dohrni* – LIEFTINCK, Treubia, 14 (4): 445 (Java).

1954 *Gynacantha dohrni* – LIEFTINCK, Treubia, 22 Suppl.: 100 (Mentawai Isl., Sumatra, Java Borneo).

Distribution: Oriental region, and Queensland.

dravida LIEFTINCK

1906 *Gynacantha dravida* LIEFTINCK, Mem. Soc. ent. ital., 38: 252. Type: unknown; type-locality: West India.

1985 *Gynacantha hyalina* FRASER, 1922 (nec SELYS, 1882) – loc. cit. DAVIES & TOBIN, *The Dragonflies of the World*, Utrecht, **2**: 12.

Distribution: India.

ereagris GUNDLACH

1888 *Gynacantha ereagris* GUNDLACH, *Contr. Fauna cubana*, **2**: 243. Type male: originally in Habana Mus.; type-locality: Cuba.

1919 *Gynacantha ereagris* – CALVERT, *Trans. Am. ent.Soc.* **45**: 359 (Cuba).

Distribution: Cuba.

furcata RAMBUR

1842 *Gynacantha furcata* RAMBUR, *Hist. nat. Ins. Neuropt. Paris*: 210. Type female: unknown; type-locality: Borneo.

1890 *Acanthagyna furcata* – KIRBY, *Syn. Cat. Neur.-Odon.*, London: 95.

1911 *Gynacantha furcata* – MARTIN, *Gen. Insectorum, Bruxelles*, **115**: 26.

1954 *Gynacantha furcata* – LIEFTINCK, *Treubia*, **22** Suppl.: 100 (incorrect synonymy with *bayadera* SELYS, 1892).

Distribution: Borneo.

hyalina SELYS

1882 *Gynacantha hyalina* SELYS (nec FRASER, 1922), *Ann. Soc. Esp. hist. Nat., Madrid*, **11**: 17. Type male: Semper's Collection; type-locality: Luzon.

1890 *Acanthagyna hyalina* – KIRBY, *Syn. Cat. Neur.-Odon.*, London: 95.

1911 *Gynacantha hyalina* – MARTIN, *Gen. Insectorum, Bruxelles*, **115**: 26.

1916 *Gynacantha hyalina* – RIS, *Suppl. ent. Berlin*, **5**: 59 (redescription) (Formosa).

1923 *Gynacantha hyalina* – LAIDLAW, *Proc. U.S. natn. Mus.*, **62**: 23 (Assam, Siam).

1926 *Gynacantha hyalina* – OGUMA, *Ins. matsum.*, **1** (2): 85 (Japan).

1937 *Gynacantha hyalina* – NEEDHAM & GYGER, *Philipp. J. Sci.*, **63** (1): 48 (Luzon, Palawan).

1960 *Gynacantha hyalina* – LIEFTINCK, *Mem. Soc. ent. ital.*, **38**: 251 (redescription).

Distribution: from Japan to Thailand, and Philippine Islands.

flavipes FRASER

1956 *Gynacantha flavipes* FRASER, *Rev. Zool. Bot. afr.*, **54**: 386. Type male: Mus. r. Afr. centr., Tervuren; type-locality: Belgian Congo.

1962 *Acanthagyna flavipes* – PINHEY, *Publ. cult. Comp. Diam. Angola*, **59**: 198.

1962 *Gynacantha flavipes* – FRASER, *Rev. Zool. Bot.afr.*, **65**: 18.

Distribution: Congo Republic.

kirbyi KRÜGER

1898 *Gynacantha kirbyi* KRÜGER, *Stettiner ent. Z.*, **59**: 282. Type male: Mus. Naturk., Berlin; type-locality: Borneo.

1926 *Gynacantha fulvia* FRASER, *Treubia*, **8** (3–4): 477. Type female: Buitenzorg Mus.; type-locality: Java.

1985 *Gynacantha kirbyi* – DAVIES & TOBIN, *The Dragonflies of the World*, Utrecht, **2**: 13 (New Guinea).

Distribution: Borneo, Java, New Guinea.

helenga WILLIAMSON & WILLIAMSON

- 1930 *Gynacantha helenga* WILLIAMSON & WILLIAMSON, Occ. Pap. Mus. Zool. Univ. Mich., **281**: 1. Type male: Williamson's Collection; type-locality: Mexico.
 1959 *Gynacantha helenga* – KORMONDY, Ohio J. Sci., **59**: 311 (redescription).

Distribution: Mexico.

hova FRASER

- 1956 *Gynacantha hova* FRASER, Faune Madag., **1**: 10. Type male: Mus. Nation. Hist. Nat., Paris; type-locality: Madagascar.
 1962 *Acanthagyna hova* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 200.
 1962 *Gynacantha hova* – FRASER, Rev. Zool. Bot. afr., **65**: 18 (Madagascar).

Distribution: Madagascar.

immaculifrons FRASER

- 1956 *Gynacantha immaculifrons* FRASER, Rev. Zool. Bot. afr., **54**: 385. Type male: Mus. r. Afr. centr., Tervuren; type-locality: Belgian Congo.
 1962 *Acanthagyna immaculifrons* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 198.
 1962 *Gynacantha immaculifrons* – FRASER, Rev. Zool. Bot. afr., **65**: 20 (Congo).

Distribution: Congo Republic.

incisura FRASER

- 1935 *Gynacantha incisura* FRASER, Rec. Indian Mus., **37**: 325. Type male: British Museum (Nat. Hist.), London; type-locality: Shan States (Burma).
 1966 *Acanthagyna incisura* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), **18**: 196.

Distribution: Burma.

interioris WILLIAMSON

- 1923 *Gynacantha interioris* WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Mich., **9**: 48. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: „Campaniente“.
 1943 *Gynacantha interioris* – SCHMIDT, Beitr. Fauna Perus, **2**: 256 (Venezuela, Brazil).

Distribution: Venezuela, Brazil.

japonica BARTENEF

- 1909 *Gynacantha japonica* BARTENEF, Samml. Zool. Mus. Univ. Tomsk, **11–12**: 7. Type male: Tomsk Mus.; type-locality: Japan.
 1916 *Gynacantha japonica* – RIS, Suppl. ent. Berlin, **5**: 61 (Formosa, Japan, China) (redescription).
 1923 *Gynacantha japonica* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 24.
 1928 *Gynacantha japonica* – MORTON, Trans. ent. Soc. London, **76**: 118 (Yunnan).

Distribution: Japan, China, Taiwan.

jessei WILLIAMSON

- 1923 *Gynacantha jessei* WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Mich., **9**: 33. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: South America.

Distribution: South America.

klagesi WILLIAMSON

1923 *Gynacantha klagesi* WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Mich., **9**: 36. Type male: Williamson's Collection; type-locality: French Guiana.

1943 *Gynacantha klagesi* – SCHMIDT, Beitr. Fauna Perus, **2**: 255 (Peru).

Distribution: French Guiana, and Peru.

laticeps WILLIAMSON

1923 *Gynacantha laticeps* WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Mich., **9**: 26. Type male: Agassiz Mus., Cambridge (Mass.); type-locality: South America.

Distribution: South America.

lieftincki COMPTE SART

1985 *Gynacantha lieftincki* COMPTE SART, 1964 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 13.

Distribution: West Africa.

limbalis KARSCH

1892 *Gynacantha limbalis* KARSCH, Ent. Nachr., **18** (16): 252. Type male: Mus. Naturk., Berlin; type-locality: Java.

1934 *Gynacantha limbalis* – LIEFTINCK, Treubia, **14** (4): 445 (Java, Borneo).

1954 *Gynacantha limbalis* – LIEFTINCK, Treubia, **22** Suppl.: 101 (Malaya, Sumatra, Java, Borneo).

Distribution: Malaysia, Sumatra, Java, Borneo.

litoralis WILLIAMSON

1923 *Gynacantha litoralis* WILLIAMSON, Misc. Publ. Mus. Zool. Univ. Mich., **9**: 44. Type male: Williamson's Collection; type-locality: "Paramaribe".

1943 *Gynacantha litoralis* – SCHMIDT, Beitr. Fauna Perus, **2**: 255.

Distribution: Peru.

maclachlani KRÜGER

1898 *Gynacantha maclachlani* KRÜGER, Stettiner ent. Ztg., **59**: 281. Type male: Mus. Naturk., Berlin; type-locality: Sumatra.

1909 *Gynacantha maclachlani* – MARTIN, Coll. Zool. Selys de Longchamps, **20**: 200.

1923 *Gynacantha maclachlani* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 22 (Malay Peninsula, Celebes, India, Burma, Himalayas).

1954 *Gynacantha maclachlani* – LIEFTINCK, Treubia, **22** Suppl.: 101 (Sumatra, Borneo).

Distribution: from Himalayas to Borneo.

membranalis KARSCH

1891 *Gynacantha membranalis* KARSCH, Ent. Nachr., **17** (18): 281. Type male: Mus. Naturk., Berlin; type-locality: Bogota.

1891 *Gynacantha membranalis* – KARSCH, Ent. Nachr., **17** (20): 305 (redescription).

1915 *Gynacantha jubilaris* NAVÁS, Mem. R. Acad. Barcelona, **11** (27): 3. Type male: Cienc. Mus., Barcelona; type-locality: Colombia.

1916 *Gynacantha membranalis* – RIS, Arch. Naturg., (A) **82**: 155 (Colombia, Ecuador, Venezuela, Brazil).

1917 *Gynacantha membranalis* – SJÖSTEDT, Ark. Zool., Uppsala, **11** (15): 39 (Amazonas).

1920 *Gynacantha membranalis* – NAVÁS, Bol. Soc. Ent. Esp., **3**: 90.

1932 *Gynacantha membranalis* – GEUSKES, Zool. Meded., Leiden, **15**: 98 (Trinidad).

1943 *Gynacantha membranalis* – SCHMIDT, Beitr. Fauna Perus, **2**: 256 (Peru, Costa Rica, Para, Bolivia).

Distribution: tropical America.

malgassica FRASER

1962 *Gynacantha malgassica* FRASER, Rev. Zool. Bot. afr., **65**: 21. Type male: not given; type-locality: Madagascar.

Distribution: Madagascar.

manderica (GRÜNBERG)

1902 *Gynacantha manderica* GRÜNBERG, Sitzber. Ges. naturf. Fr. Berlin: 234. Type female: Mus. Naturk., Berlin; type-locality: Africa.

1921 *Gynacantha manderica* – RIS, Annls S. Afr. Mus., **18**: 360 (South Africa).

1934 *Gynacantha manderica* – SCHOUDETEN, Ann. Mus. Congo Belge, Zool., **3 II 3**: 52 (Belgian Congo).

1962 *Acanthagyna manderica* – PINHEY, Publ. cult Comp. Diam. Angola, **59**: 199 (Rhodesia, Nyasaland, Belgian Congo, Kenya, Somalia, Dahomey, Sudan, Nigeria).

1962 *Gynacantha manderica* – FRASER, Rev. Zool. Bot. afr., **65**: 22 (Tanganyika, Uganda).

Distribution: tropical Africa.

mexicana SELYS

1869 *Gynacantha mexicana* SELYS, C. R. Soc. Ent. Belg., **11**: 69. Type female: Selys's Collection; type-locality: Mexico.

1890 *Acanthagyna mexicana* – KIRBY, Syn. Cat. Neur.-Odon., London: 95.

1910 *Gynacantha mexicana* – MUTTKOWSKI, Bull. Publ.Mus. Milwaukee, **1** (1): 107 (Mexico, Honduras).

Distribution: Central America.

mocsaryi FÖRSTER

1898 *Gynacantha mocsaryi* FÖRSTER, Természetr. Füz., Budapest, **21**: 292. Type male: Förster's Collection; type-locality: New Guinea.

1900 *Gynacantha simillima* FÖRSTER, Természetr. Füz., Budapest, **23**: 98. Type male: Természett. Múz., Budapest; type-locality: New Guinea.

1916 *Gynacantha mocsaryi* – TILLYARD, J. Linn. Soc. London, Zool., **33**: 72 (Queensland, New Guinea, Lombok).

1949 *Gynacantha mocsaryi* – LIEFTINCK, Treubia, **20** (2): 353 (Solomon Islands).

Distribution: Oriental region, and Queensland.

musa KARSCH

1892 *Gynacantha musa* KARSCH, Ent. Nachr., **18** (16): 253. Type male: Mus. Naturk., Berlin; type-locality: Java.

1934 *Gynacantha musa* – LIEFTINCK, Treubia, **14** (4): 445 (Java).

1936 *Gynacantha musa* – LIEFTINCK, Rev. suisse Zool., **43** (5): 150 (Flores).

1954 *Gynacantha musa* – LIEFTINCK, Treubia, **22** Suppl.: 102 (Java).

Distribution: Java, and Flores.

nausicaa RIS

1916 *Gynacantha nausicaa* RIS, Nova Guinea, **13** (2): 109. Type male: Ris's Collection; type-locality: Celebes.

1923 *Gynacantha nausicaa* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 26.

1948 *Gynacantha nausicaa* – LIEFTINCK, Treubia, **19** (3): 421 (Celebes) (redescription).

Distribution: Celebes.

nervosa RAMBUR

1839 *Aeschna gracilis* BURMEISTER, Handb. Ent., **2**: 837. Type female: Naturhist. Mus. Wien; type-locality: Bahia.

1842 *Gynacantha nervosa* RAMBUR, Hist. nat. Ins. Neuropt. Paris: 213. Type male: Mus. Nation.Hist. Nat., Paris; type-locality: Bolivia.

1888 *Gynacantha robusta* KOLBE, Arch. f. Nat., **54**: 170. Type male: unknown; type-locality: Brazil.

1890 *Acanthagyna nervosa* – KIRBY, Syn. Cat. Neur.-Odon., London: 94.

1910 *Gynacantha nervosa* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 107.

1910 *Aeschna gracilis* – MUTTKOWSKI, Bull. Publ. Mus. Milwaukee, **1** (1): 107 (proposed synonymy with *nervosa* RAMBUR, 1842).

1910 *Gynacantha robusta* – MUTTKOWSKI, Bull. Publ.Mus. Milwaukee, **1** (1): 107 (proposed synonymy with *nervosa* RAMBUR, 1842).

1943 *Gynacantha nervosa* – SCHMIDT, Beitr. Fauna Perus, **2**: 255 (tropical South America).

Distribution: tropical South America.

nigeriensis (GAMBLES)

1956 *Acanthagyna nigeriensis* GAMBLES, Entomologist's month. Mag., **92**: 194. Type male: British Museum (Nat. Hist.), London; type-locality: Nigeria.

1962 *Gynacantha nigeriensis* – FRASER, Rev. Zool. Bot. afr., **65**: 22 (Nigeria).

Distribution: Nigeria.

nigripes McLACHLAN

1896 *Gynacantha khasiaca* McLACHLAN, Ann. Mag. nat.Hist., (6) **17**: 411. Type male: not given; type-locality: India.

1985 *Gynacantha nigripes* McLACHLAN, 1883 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 13. Male from Tibet.

1985 *Gynacantha nigripes* f. *khasiaca* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 13.

Distribution: India, Bangladesh, Bhutan, and Tibet.

nympha NAVÁS

1933 *Gynacantha nympha* NAVÁS, Rev. Acad. Cien. Madrid, **29**: 193. Type male: unknown; type-locality: Brazil.

Distribution: Brazil.

ochraceipes (PINHEY)

1960 *Acanthagyna ochraceipes* PINHEY, Occ. Papp. nat. Mus. S. Rhodesia, **3**: 511. Type male: Nat. Mus., Bulawayo; type-locality: Tanganyika.

1962 *Gynacantha ochraceipes* (misprint) – FRASER, Rev. Zool. Bot. afr., **65**: 10 (Rhodesia).

Distribution: East Africa.

odoneli FRASER

1922 *Gynacantha o'doneli* FRASER, J. Bombay nat. Hist. Soc., **78**: 700. Type male: British Museum (Nat. Hist.), London; type-locality: Bengal.

1966 *Acanthagyna odoneli* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), **18**: 207.

Distribution: India.

pasiphae LIEFTINCK

1948 *Gynacantha pasiphae* LIEFTINCK, Treubia, **19** (3): 420. Type male: Rijksmus. Natuurl. Hist., Leiden; type-locality: Halmahera.

Distribution: Halmahera.

penelope RIS

1916 *Gynacantha penelope* RIS, Nova Guinea, **13** (2): 110. Type male: Ris's Collection; type-locality: Celebes.

1923 *Gynacantha penelope* – LAIDLAW, Proc. U.S. natn. Mus., **62**: 26.

1948 *Gynacantha penelope* – LIEFTINCK, Treubia, **19** (3): 418 (redescription) (Celebes).

Distribution: Celebes.

phaeomeria LIEFTINCK

1960 *Gynacantha phaeomeria* LIEFTINCK, Mem. Soc. ent.ital., **38**: 253. Type male: unknown; type-locality: Thailand.

Distribution: Thailand.

radama FRASER

1869 *Gynacantha radama* SELYS, Pollen et van Dam, **25**: 10 (nom.nud.) (female from Madagascar).

1872 *Gynacantha radama* – SELYS, Rev. Zool., (2) **23**: 182 (emendation) (Madagascar).

1956 *Gynacantha ramada* FRASER, Faune Madag., **1**: 8. Type female: Mus. Nation. hist. Nat., Paris; type-locality: Madagascar.

1962 *Acanthagyna radama* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 200 (Madagascar, Réunion).

1962 *Gynacantha ramada* – FRASER, Rev. Zool. Bot. afr., **65**: 12 (Madagascar).

Distribution: Madagascar, and Réunion.

rammohani MITRA & LAHIRI

1985 *Gynacantha rammohani* MITRA & LAHIRI, 1975 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 14.

Distribution: India.

remartinia NAVÁS

1934 *Gynacantha remartinia* NAVÁS, Brotéria, **30** (3): 133. Type male: not given; type-locality: Colombia.

Distribution: Colombia.

risi LAIDLAW

1931 *Gynacantha risi* LAIDLAW, J. Fed. Mal. States, **16**: 205. Type male: Laidlaw's Collection; type-locality: Perak.

1954 *Gynacantha risi* – LIEFTINCK, Treubia, **22** Suppl.: 102 (Malaya, Sumatra, Java).

Distribution: Malaysia, Sumatra, Java.

rosenbergi BRAUER

1867 *Gynacantha rosenbergi* BRAUER, Verh. Zool.-Bot. Ges. Wien. Type male: Darmstadt Mus.; type-locality: Papua.

1890 *Acanthagyna rosenbergi* – KIRBY, Syn. Cat. Neur.-Odon., London: 95 (Papua, Celebes, Japan).

1900 *Gynacantha rosenbergi* – FÖRSTER, Természetr. Füz., Budapest, **23**: 101 (New Guinea).

1901 *Gynacantha rosenbergi* – MARTIN, Mém. Soc. zool. France, **14**: 243 (Queensland).

- 1916 *Gynacantha rosenbergi* – TILLYARD, J. Linn. Soc. London, Zool., **33**: 71 (North Australia, Queensland to Singapore and Japan).
 1926 *Gynacantha rosenbergi* – OGUMA, Ins. matsum., **1** (2): 85 (Japan).
 1942 *Gynacantha rosenbergi* – LIEFTINCK, Treubia, **18** (3): 573 (New Guinea).
 1949 *Gynacantha rosenbergi* – LIEFTINCK, Treubia, **20** (2): 353 (New Ireland, Guadalcanal).
 1977 *Gynacantha rosenbergi* – WATSON, Journ. Austr. ent. Soc., **16** (3): 278.

Distribution: from Japan to Australia.

rotundata NAVÁS

- 1930 *Gynacantha rotundata* NAVÁS, Rev. Acad. Ci. Zaragoza, **13**: 31. Type male: unknown; type-locality: India.

Distribution: India.

ryukyuensis ASAHINA

- 1985 *Gynacantha ryukyuensis* ASAHINA, 1962 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, **2**: 14.

Distribution: Ryukyu Island.

saltatrix MARTIN

- 1909 *Gynacantha saltatrix* MARTIN, Coll. Zool. Selys de Longchamps, **20**: 194. Type male: unknown; type-locality: Tonkin.
 1926 *Gynacantha saltatrix* – OGUMA, Ins. matsum., **1** (2): 85 (Formosa).

Distribution: Taiwan, Hainan, and Vietnam.

sevastopuloi (PINHEY)

- 1961 *Acanthagyna sevastopuloi* PINHEY, Publ. Brit. Mus. nat. Hist. (Ent.), **15**: 100. Type male: British Museum, (Nat. Hist.), London; type-locality: Kampala.
 1962 *Acanthagyna sevastopuloi* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (Nyassaland, Zanzibar).
 1962 *Gynacantha sevastopuloi* – FRASER, Rev. Zool. Bot. afr., **65**: 25 (Uganda).

Distribution: East Africa.

sextans MCLACHLAN

- 1896 *Gynacantha sextans* MCLACHLAN, Ann. Mag. nat.Hist., (6) **17**: 413. Type male: British Museum (Nat. Hist.), London; type-locality: Cameroon.
 1915 *Gynacantha schultzei* LE ROI, Ergeb. zweit.Deutsch. Zentral Afr. Exp., **1**: 347. Type male: unknown, perhaps in Bonn Mus.; type-locality: Spanish Guinea.
 1917 *Gynacantha maesi* SCHOUDETEN, Revue zool. Afr., **5**: 104. Type male: Mus. r. Afr. centr., Tervuren; type-locality: Lake Leopold.
 1934 *Gynacantha maesi* – SCHOUDETEN, Ann. Mus. Congo Belge, Zool., **3 II 3**: 52 (proposed synonymy with *schultzei* LE ROI, 1915).
 1947 *Gynacantha sextans* – FRASER, Trans. R. ent. Soc. London, **48**: 33 (Ivory Coast).
 1959 *Acanthagyna (Gynacantha) sextans* – LONGFIELD, Publ. cult. Comp. Diam. Angola, **45**: 30 (Ghana, Cameroon, Angola).
 1962 *Acanthagyna sextans* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (Cameroon, Ivory Coast, Spanish Guinea, Belgian Congo, Angola).
 1962 *Gynacantha schultzei* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (proposed synonymy with *sextans* MCLACHLAN, 1896).

Distribution: tropical Africa.

stenoptera LIEFTINCK

- 1934 *Gynacantha stenoptera* LIEFTINCK, Stylops, 3: 265. Type male: Rijksmus. Natuurl. Hist., Leiden; type-locality: Java.
 1934 *Gynacantha stenoptera* – LIEFTINCK, Treubia, 14 (4): 447 (Java).
 1954 *Gynacantha stenoptera* – LIEFTINCK, Treubia, 22 Suppl.: 102 (Java).

Distribution: Java.

stevensoni FRASER

- 1927 *Gynacantha stevensoni* FRASER, Ins. Samoa, 7: 36. Type male: British Museum (Nat. Hist.), London; type-locality: Samoa.
 1966 *Acanthagyna stevensoni* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), 18: 214.
 1985 *Gynacantha stevensoni* – DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 14 (Tonga).

Distribution: Samoa, and Tonga.

stylata MARTIN

- 1896 *Gynacantha stylata* MARTIN, Mém. Soc. zool. France, 9: 106. Type male: Mus. Nation. Hist. Nat., Paris; type-locality: Seychelles.
 1962 *Acanthagyna stylata* – PINHEY, Publ. cult. Comp. Diam. Angola, 59: 200.
 1962 *Gynacantha stylata* – FRASER, Rev. Zool. Bot. afr., 65: 26 (Seychelles).

Distribution: Seychelles.

subinterrupta RAMBUR

- 1842 *Gynacantha subinterrupta* RAMBUR, Hist. nat. Ins. Neuropt., Paris: 212. Type male: R. Mus. Bruxelles; type-locality: Java.
 1890 *Acanthagyna subinterrupta* – KIRBY, Syn. Cat. Neur.-Odon., London: 95.
 1911 *Gynacantha subinterrupta* – MARTIN, Gen. Insectorum, Bruxelles, 115: 26.
 1915 *Gynacantha subinterrupta* – RIS, Nova Guinea, 13 (2): 110 (Lombok).
 1922 *Gynacantha hanumana* FRASER, Mem. Dept. Agr. India, 7: 76. Type male: British Museum (Nat. Hist.), London; type-locality: Darjeeling.
 1927 *Gynacantha subinterrupta* – RIS, Zool. Meded., Leiden, 10 (1): 33 (Sumatra).
 1934 *Gynacantha subinterrupta* – LIEFTINCK, Treubia, 14 (4): 446 (Java).
 1937 *Gynacantha subinterrupta* – NEEDHAM & GYGER, Philipp. J. Sci., 63 (1): 47 (Luzon).
 1954 *Gynacantha subinterrupta* – LIEFTINCK, Treubia, 22 Suppl.: 102 (Malaysia, Sumatra, Java, Borneo).
 1966 *Gynacantha hanumana* – KIMMINS, Bull. Brit. Mus. nat. Hist. (Ent.), 18: 195 (proposed synonymy with *subinterrupta* RAMBUR, 1842).

Distribution: Oriental region.

subviridis SELYS

- 1985 *Gynacantha subviridis* SELYS, 1850 – loc. cit. DAVIES & TOBIN, The Dragonflies of the World, Utrecht, 2: 14.

Distribution: Brazil.

tenuis MARTIN

- 1909 *Gynacantha tenuis* MARTIN, Coll. Zool. Selys de Longchamps, 17: 176. Type male: Martin's Collection; type-locality: Amazonas.
 1923 *Gynacantha tenuis* – NAVÁS, Neuropt. Colomb., Bogota, Sep.: 16.
 1932 *Gynacantha tenuis* – GEIJSKES, Zool. Meded., Leiden, 15: 97 (Trinidad).
 1943 *Gynacantha tenuis* – SCHMIDT, Beitr. Fauna Perus, 2: 255 (Colombia, Venezuela, Peru, Amazonas, Surinam).

Distribution: Northern part of South America.

tibiata KARSCH

- 1891 *Gynacantha tibiata* KARSCH, Soc. Ent., **6**: 121. Type male: Mus. Naturk., Berlin; type-locality: Mexico.
 1916 *Gynacantha tibiata* – RIS, Arch. Naturg., (A) **82**: 156 (Mexico, Panama, Ecuador).

Distribution: from Mexico to Ecuador.

usambarica SJÖSTEDT

- 1909 *Gynacantha usambarica* SJÖSTEDT, Kilimandjaro-Meru Exp., **2** (14): 36. Type male: Naturhist. Riksmus., Stockholm; type-locality: Usambara.
 1962 *Acanthagyna usambarica* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (Kenya, Tanganyika).
 1962 *Gynacantha usambarica* – FRASER, Rev. Zool. Bot. afr., **65**: 27.

Distribution: East Africa.

vesiculata KARSCH

- 1891 *Gynacantha vasiculata* KARSCH, Ent. Nachr., **17** (18): 282. Type male: Mus. Naturk., Berlin; type-locality: West Africa.
 1891 *Gynacantha vesiculata* – KARSCH, Ent. Nachr., **17** (20): 307 (redescription).
 1896 *Gynacantha quadrina* McLACHLAN, Ann. Mag. nat. Hist., (6) **17**: 414. Type male: British Museum (Nat. Hist.), London; type-locality: West Africa.
 1962 *Acanthagyna vesiculata* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (Cameroon, French Equatorial Africa, Kenya).
 1962 *Gynacantha quadrina* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (proposed synonymy with *vesiculata* KARSCH, 1891).
 1962 *Gynacantha vesiculata* – FRASER, Rev. Zool. Bot. afr., **65**: 12 (tropical Africa: Congo, Katanga, Kenya, Tanganyika).

Distribution: tropical Africa.

victoriae (PINHEY)

- 1961 *Acanthagyna victoriae* PINHEY, Publ. Brit. Mus. nat. Hist.: 101. Type male: British Museum (Nat. Hist.), London; type-locality: Uganda.
 1962 *Acanthagyna victoriae* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199.
 1962 *Gynacantha victoriae* – FRASER, Rev. Zool. Bot. afr., **65**: 28 (Uganda).

Distribution: Uganda.

villosa GRÜNBERG

- 1902 *Gynacantha villosa* GRÜNBERG, Sitz. Berich. Ges. naturf. Fr. Berlin: 233. Type male: Mus. Naturk. Berlin; type-locality: Delagoa Bay (Mozambique).
 1921 *Gynacantha villosa* – RIS, Anns S. Afr. Mus., **18**: 358.
 1962 *Acanthagyna villosa* – PINHEY, Publ. cult. Comp. Diam. Angola, **59**: 199 (Port. East Africa, Nyassaland, Tanganyika, Uganda, Belgian Congo, Nigeria).
 1962 *Gynacantha villosa* – FRASER, Rev. Zool. Bot. afr., **65**: 13 (Uganda, Tanganyika, Congo, Nyassaland).

Distribution: tropical Africa.

vilma STEINMANN **nom. nov.**

- 1842 *Aeschna viridis* RAMBUR (nec EVERSMAAN, 1836), Hist. nat. Ins. Neuropt., Paris: 200. Type: sex not given; unknown, originally in Mus. Nation. Hist. nat., Paris; type-locality: unknown.