

REVISION OF THE ASIAN FOREST SCORPIONS (HETEROMETRINAE SIMON, 1879)

List of Asian Forest Scorpion revision

HETEROMETRINAE (SIMON, 1879)

Heterometrus sp

Heterometrus cimrmani (Kovařík, 2004)
Heterometrus glaucus (Thorell, 1876)
Heterometrus laevigatus (Thorell, 1876)
Heterometrus laoticus (Couzijn, 1981)
Heterometrus longimanus (Herbst, 1800)
Heterometrus petersii (Thorell, 1876)
Heterometrus *silenus* (Simon, 1884)
Heterometrus spinifer (Ehrenberg, 1828)
Heterometrus thorellii (Pocock, 1897)

Chersonesometrus sp

Chersonesometrus bastawadei (Prendini & Loria, 2020)
Chersonesometrus beccaloniae (Kovařík, 2004)
Chersonesometrus fulvipes (C. L. Koch, 1837)
Chersonesometrus hendersoni (Prendini & Loria, 2020)
Chersonesometrus madraspatensis (Pocock, 1900)
Chersonesometrus nathanorum (Prendini & Loria, 2020)
Chersonesometrus pelekomanus (Couzijn, 1981)
Chersonesometrus shivashankari (Prendini & Loria, 2020)
Chersonesometrus tristis (Henderson, 1919)

Chersonesometrus wroughtoni (Pocock, 1899)

Deccanometrus sp

Deccanometrus bengalensis (C. L. Koch, 1841)

Deccanometrus latimanus (Pocock, 1894)

Deccanometrus liurus (Pocock, 1897)

Deccanometrus obscurus (Couzijn, 1981)

Deccanometrus phipsoni (Pocock, 1893)

Deccanometrus ubicki (Kovarík, 2004)

Deccanometrus xanthopus (Pocock, 1897)

Gigantometrus sp

Gigantometrus swammerdami (Simon, 1872)

Gigantometrus titanicus (Couzijn, 1981)

Javanimetrus sp

Javanimetrus cyaneus (C. L. Koch, 1836)

Sahyadrimetrus sp

Sahyadrimetrus barberi (Pocock, 1900)

Sahyadrimetrus kanarensis (Pocock, 1900)

Sahyadrimetrus mathewi (Prendini & Loria, 2020)

Sahyadrimetrus rugosus (Couzijn, 1981)

Sahyadrimetrus scaber (Thorell, 1876)

Sahyadrimetrus tikaderi (Prendini & Loria, 2020)

Rugodentus sp

Rugodentus keralaensis (Bastawade, Sureshan & Radhakrishnan, 2005)

Srilankametrus sp

Srilankametrus caesar (C. L. Koch, 1841)

Srilankametrus couzijni (Prendini & Loria, 2020)

Srilankametrus gravimanus (Pocock, 1894)

Srilankametrus indus (DeGeer, 1778)

Srilankametrus pococki (Prendini & Loria, 2020)

Srilankametrus serratus (Pocock, 1900)

Srilankametrus yaleensis (Kovarik, Ranawana, Jayarathne, Hoferek & Stahlavsky, 2019)

Rugodentus keralaensis Bastawade et al., 2005, stat. rev., are revalidated, and subfamily Rugodentinae Bastawade et al., 2005, revalidated and elevated to the rank of fam-

ily, Rugodentidae Bastawade et al., 2005, stat. nov. et stat. rev.; Heterometrinae Simon, 1879, stat.

nov., and Opisthophthalminae Rossi, 2016, stat. nov., are elevated to the rank of subfamily; Pandi-

nopsis Vachon, 1974, stat. nov., and Pandipalpus Rossi, 2015, stat. nov., are elevated to the rank of

genus, resulting in two new combinations: *Pandinopsis dictator* (Pocock, 1888), comb. nov., and

Pandipalpus viatoris (Pocock, 1890) and 10 new synonyms are presented: *Pandinop-*
sini Rossi, 2016 = *Pandininae* Thorell, 1876

Protophthalmini Rossi, 2016 = *Opisthophthalminae* Rossi, 2016

Protophthalmus Lawrence, 1969 = *Opisthophthalmus* C.L. Koch, 1837

Pandinoides (Dunlopandinoides) Rossi, 2016 = *Pandinoides* Fet, 2000

Pandinurus (Pandicaporiaccous) Rossi, 2015 = *Pandiborellius* Rossi, 2015

Buthus defensor C.L. Koch, 1837 = *Pandinurus gregoryi* (Pocock, 1896)

Buthus heros C.L. Koch, 1837 = *Pandinurus exitialis* (Pocock, 1888)

Pandinus lowei Kovarik, 2012 = *Pandipalpus viatoris* (Pocock, 1890)

Pandinurus (Pandipalpus) *pygmaeus* Rossi, 2015 = *Pandipalpus viatoris* (Pocock, 1890)

Pandinus intermedius Borelli, 1919 = *Pandinurus citernii* (Borelli, 1919)

The following revisions are implemented to the classification of the Asian forest scorpions (Heterometrinae). Three former subgenera of *Heterometrus* Ehrenberg, 1828 are revalidated and

elevated to the rank of genus: *Chersonesometrus* Couzijn, 1978, *Javanimetrus* Couzijn, 1981 and

Srilankametrus Couzijn, 1981

subgenus is elevated to the rank of genus:

Gigantometrus Couzijn, 1978, stat. nov. Two new genera

and eight new species are described:

Deccanometrus

Sahyadrimetrus

Chersonesometrus bastawadei,

Chersonesometrus hendersoni
Chersonesometrus nathanorum
Chersonesometrus shivashankari
Sahyadrimetrus mathewi
Sahyadrimetrus tikaderi
Srilankametrus couzijni
Srilankametrus pococki

Heterometrus sensu stricto is restricted to eight species of the nominotypical subgenus, all other species, formerly placed in *Heterometrus*, are transferred to appropriate genera, five species are revalidated, and two subspecies elevated to the rank of species, resulting in 28 new combinations:

Chersonesometrus beccaloniae (Kovarík, 2004)
Chersonesometrus fulvipes (C.L. Koch, 1837)
Chersonesometrus madraspatensis (Pocock, 1900)
Chersonesometrus pelekomanus (Couzijn, 1981)
Chersonesometrus tristis (Henderson, 1919)
Chersonesometrus wroughtoni (Pocock, 1899)
Deccanometrus bengalensis (C.L. Koch, 1841)
Deccanometrus latimanus (Pocock, 1894)
Deccanometrus liurus (Pocock, 1897)
Deccanometrus obscurus (Couzijn, 1981)
Deccanometrus phipsoni (Pocock, 1893)
Deccanometrus ubicki (Kováčik, 2004)
Deccanometrus xanthopus (Pocock, 1897)
Gigantometrus swammerdami (Simon, 1872)
Gigantometrus titanicus (Couzijn, 1981)
Heterometrus glaucus (Thorell, 1876)
Heterometrus laevigatus (Thorell, 1876)
Heterometrus silenus (Simon, 1884)
Javanimetrus cyaneus (C.L. Koch, 1836)
Sahyadrimetrus barberi (Pocock, 1900)
Sahyadrimetrus kanarensis (Pocock, 1900)
Sahyadrimetrus rugosus (Couzijn, 1981)
Sahyadrimetrus scaber (Thorell, 1876)
Srilankametrus caesar (C.L. Koch, 1841)
Srilankametrus gravimanus (Pocock, 1894)
Srilankametrus indus (DeGeer, 1778),
Srilankametrus serratus (Pocock, 1900)
Srilankametrus yaleensis (Kovarík et al., 2019)
Scorpio leioderma Dufour, 1856 = *Sahyadrimetrus scaber* (Thorell, 1876)
Palamnaeus costimanus var. *B borneensis* Thorell, 1876 = *Heterometrus longimanus* (Herbst, 1800)
Palamnaeus liophysa Thorell, 1888 = *Heterometrus longimanus* (Herbst, 1800)
Palamnaeus oatesii Pocock, 1900 = *Heterometrus petersii* (Thorell, 1876)
Palamnaeus swammerdami flavimanus Pocock, 1900 = *Gigantometrus swammerdami*

(Simon, 1872)

Heterometrus liophysa var. *madoerensis* Kopstein, 1921 = *Heterometrus glaucus* (Thorell, 1876)

Heterometrus laevifrons Roewer, 1943 = *Heterometrus glaucus* (Thorell, 1876)

Heterometrus (*Chersonesometrus*) *granulomanus* Couzijn, 1981 = *Srilankametrus caesar* (C.L. Koch, 1841)

Heterometrus (*Heterometrus*) *liophysa separatus* Couzijn, 1981 = *Heterometrus glaucus* (Thorell, 1876)

Heterometrus (*Heterometrus*) *liophysa spartanicus* Couzijn, 1981 = *Heterometrus glaucus* (Thorell, 1876)

Heterometrus (*Heterometrus*) *longimanus bengkalitensis* Couzijn, 1981 = *Heterometrus longimanus* (Herbst, 1800)

Heterometrus (*Heterometrus*) *longimanus marmoratus* Couzijn, 1981 = *Heterometrus longimanus* (Herbst, 1800) *Heterometrus* (*Heterometrus*) *petersii mindanaensis* Couzijn, 1981 = *Heterometrus silenus* (Simon, 1884)

Heterometrus (*Heterometrus*) *spinifer solitarius* Couzijn, 1981 = *Heterometrus spinifer* (Ehrenberg, 1828)

Heterometrus (*Srilankametrus*) *indus laevitensus* Couzijn, 1981 = *Srilankametrus indus* (DeGeer, 1778)

Heterometrus (*Heterometrus*) *keralaensis* Tikader and Bastawade, 1983 = *Sahyadrimetrus rugosus* (Couzijn, 1981)

Heterometrus cimrmani Kovatik, 2004 = *Heterometrus laevigatus* (Thorell, 1876)

Heterometrus mysorensis Kovarik, 2004 = *Chersonesometrus tristis* (Henderson, 1919)

Heterometrus nepalensis Kovarik, 2004 = *Deccanometrus bengalensis* (Pocock, 1900)

Heterometrus rolciki Kovatik, 2004 = *Sahyadrimetrus scaber* (Thorell, 1876)

Heterometrus sejnai Kovatik, 2004 = *Javanimetrus cyaneus* (C.L. Koch, 1836)

Heterometrus tibetanus Lourenco et al., 2005 = *Deccanometrus bengalensis* (Pocock, 1900)

Heterometrus liangi Zhu and Yang, 2007 = *Heterometrus silenus* (Simon, 1884)

Heterometrus telanganaensis Javed et al., 2010 = *Deccanometrus xanthopus* (Pocock, 1897)

Heterometrus atrascorpius Mirza et al., 2012 = *Chersonesometrus beccaloniae* (Kovatik, 2004)

Heterometrus minotaurus Pliskova et al., 2016 = *Heterometrus laevigatus* (Thorell, 1876)

Heterometrus bastawadei Rossi, 2016 = *Rugodentus keralaensis* Bastawade et al., 2005

Another 25 synonyms by previous authors are confirmed, for a total of 51 synonyms in subfamily Heterometrinae.