

**NEW NAMES FOR SOME PREOCCUPIED SPECIFIC EPITHETS
IN CHALCOIDEA I: FAMILIES AGAONIDAE, APHELINIDAE,
CHALCIDIDAE, ENCYRTIDAE, EULOPHIDAE
(HYMENOPTERA: PARASITICA)**

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ABSTRACT. According to the International Code of Zoological Nomenclature (ICZN, 1999), *Sycoscapter tibialis* Wiebes, 1981 (**Agaonidae: Sycoryctinae**); *Coccophagus saissetiae* (Annecke & Mynhardt, 1979); *Encarsia citricola* Myartseva & Evans, 2008; *Encarsia clavata* Myartseva & González, 2008: 103-105; *Encarsia verticina* Myartseva & González, 2008 and *Pteroptrix stenoptera* Huang, 1994 (**Aphelinidae: Coccophaginae**); *Brachymeria secundaria* Habu, 1960; *Brachymeria tibialis* Steffan, 1958; *Conura maculata* (Holmgren, 1868) and *Conura picta* (André, 1881) (**Chalcididae: Chalcidinae**); *Antrocephalus bicolor* (Masi, 1932) and *Hockeria fumipennis* (Cameron, 1907) (**Chalcididae: Haltichellinae**); *Aphycooides speciosus* Hoffer, 1965; *Cheiloneurus bifasciatus* (Trjapitzin, 1962); *Cheiloneurus hemipterus* (Timberlake, 1922); *Cheiloneurus phenacocci* Shi, 1994; *Copidosoma gelechia* (Howard, 1898); *Encyrtus dubius* (Mercet, 1921); *Metaphycus acanthococci* Myartseva, 1987; *Metaphycus ericeri* Xu & Jiang, 1991; *Metaphycus flavus* (Shi, Si & Wang, 1994); *Metaphycus insularis* (Sharkov, 1988); *Metaphycus turkmenicus* Myartseva, 1987; *Syrphophagus nigricornis* (De Santis, 1964) and *Syrphophagus parvus* (Girault, 1923) (**Encyrtidae: Encyrtinae**); *Aprostocetus arsenjevi* (Kostjukov, 1990); *Aprostocetus bouceki* Khan, Agnihotri & Sushil, 2005; *Aprostocetus bouceki* (Khan & Shafee, 1988); *Aprostocetus hyalinipennis* (Girault, 1914); *Aprostocetus pallidipes* (Perkins, 1912); *Aprostocetus senegalensis* (Risbec, 1951: 96); *Leptomastix histrio* Mayr, 1876 and *Rhopus flavus* Xu, 2004 (**Encyrtidae: Tetracneminae**); *Chrysonotomyia reticulata* Hansson, 2004; *Closterocerus (Achrysocharis) longus* Hansson, 1994; *Closterocerus pulcher* (Girault, 1913); *Closterocerus trifasciatus* (Girault, 1913); *Closterocerus violaceus* (Askew, 1999); *Closterocerus (Achrysocharis) violaceus* Hansson, 1994; *Entedon leucopus* (Ashmead, 1888); *Entedon tibialis* Szélnyi, 1978 and *Pediobius ni* Khan, 1996 (**Eulophidae: Entedoninae**); *Aulogymnus indicus* Khan, Agnihotri & Sushil, 2005; *Cirrospilus nigrivariegatus* (Girault, 1917); *Cirrospilus pulcher* (Girault, 1913); *Di cladocerus japonicus* Yoshimoto, 1976; *Diglyphomorphomyia nigra* Narendran, 2005 and *Microlycus erdoesi* (Szélnyi, 1976) (**Eulophidae: Eulophinae**); *Aprostocetus auriflavus* (Girault, 1915); *Aprostocetus distinguendis* (Masi, 1917); *Aprostocetus elongatus* (Doutt, 1961); *Aprostocetus flavus* (Girault, 1913: 240); *Aprostocetus flavus* (Girault, 1913: 217, 220); *Aprostocetus longiventris* (Masi, 1917); *Aprostocetus purpureus* Girault, 1913; *Tetrastichus breviscapus* Kostjukov, 1995; *Tetrastichus breviscapus* Kostjukov, 1978; *Tetrastichus clavatus* Khan, Agnihotri & Sushil, 2005; *Tetrastichus clavatus* Yang, 1996; *Tetrastichus coeruleus* (Bingham, 1906); *Tetrastichus dignus* Kostjukov, 1995; *Tetrastichus lepidus* Masi, 1940; *Tetrastichus lopezi* Blanchard, 1936; *Tetrastichus magnus* Kostjukov, 1995; *Tetrastichus magnus* Risbec, 1958; *Tetrastichus niger* Kostjukov, 1995; *Tetrastichus nigriscapus* Kostjukov, 1995; *Tetrastichus orientalis* Khan, Agnihotri & Sushil, 2005; *Tetrastichus planipectus* Kostjukov, 1995; *Tetrastichus tibialis* Kostjukov, 1995 and *Tetrastichus thoracicus* Khan, Agnihotri & Sushil, 2005 (**Eulophidae: Tetrastichinae**) are not correct because the specific epithets are illegitimate. Accordingly, the following replacement names are proposed for the preoccupied specific names respectively: *Sycoscapter wiebesi* nom. nov. (**Agaonidae: Sycoryctinae**); *Coccophagus eusaissetiae* nom. nov. and *Encarsia neocitricola* nom. nov.; *Encarsia eumexicana* nom. nov.; *Encarsia*

verticinella nom. nov. and *Pteroptrix sinica* nom. nov. (**Aphelinidae: Coccophaginae**); *Brachymeria habui* nom. nov.; *Brachymeria steffani* nom. nov.; *Conura equadorica* nom. nov. and *Conura noyesi* nom. nov. (**Chalcididae: Chalcidinae**); *Antrocephalus masii* nom. nov. and *Hockeria cameroni* nom. nov. (**Chalcididae: Haltichellinae**); *Aphycoides czekiacus* nom. nov.; *Cheiloneurus daghestanicus* nom. nov.; *Cheiloneurus hawaiiicus* nom. nov.; *Cheiloneurus sinensis* nom. nov.; *Copidosoma americana* nom. nov.; *Encyrtus merceti* nom. nov.; *Metaphycus myartsevai* nom. nov.; *Metaphycus xujiangi* nom. nov.; *Metaphycus sinensis* nom. nov.; *Metaphycus sharkovi* nom. nov.; *Metaphycus euturkmenicus* nom. nov.; *Syrphophagus noyesi* nom. nov. and *Syrphophagus australis* nom. nov. (**Encyrtidae: Encyrtinae**); *Aprostocetus primoricus* nom. nov.; *Aprostocetus indicus* nom. nov.; *Aprostocetus jaipurensis* Khan & Shafee, 1988; *Aprostocetus cengizi* nom. nov.; *Aprostocetus moluccasicus* nom. nov.; *Aprostocetus eusenegalensis* nom. nov.; *Leptomastix mayri* nom. nov. and *Rhopus sinicus* nom. nov. (**Encyrtidae: Tetracneminae**); *Chrysonotomyia costaricana* nom. nov.; *Closterocerus hanssoni* nom. nov.; *Closterocerus eupulcher* nom. nov.; *Closterocerus australis* nom. nov.; *Closterocerus askewi* nom. nov.; *Closterocerus americanus* nom. nov.; *Entedon nearcticus* nom. nov.; *Entedon neotibialis* nom. nov. and *Pediobius khani* nom. nov. (**Eulophidae: Entedoninae**); *Aulogymnus arifaokhani* nom. nov.; *Cirrospilus americanus* nom. nov.; *Cirrospilus noyesi* nom. nov.; *Dicladocerus yoshimotoi* nom. nov.; *Diglyphomorphyomyia keralana* nom. nov. and *Microlycus hungarica* nom. nov. (**Eulophidae: Eulophinae**); *Aprostocetus giraulti* nom. nov.; *Aprostocetus seychellensis* nom. nov.; *Aprostocetus doutti* nom. nov.; *Aprostocetus euflavus* nom. nov.; *Aprostocetus neoflavus* nom. nov.; *Aprostocetus metei* nom. nov.; *Aprostocetus pseudopurpureus* nom. nov.; *Tetrastichus breviscapella* nom. nov.; *Tetrastichus ukrainensis* nom. nov.; *Tetrastichus uttaranchalicus* nom. nov.; *Tetrastichus yangi* nom. nov.; *Tetrastichus pehlivani* nom. nov.; *Tetrastichus dignella* nom. nov.; *Tetrastichus meridionalis* nom. nov.; *Tetrastichus argentinacus* nom. nov.; *Tetrastichus primoricus* nom. nov.; *Tetrastichus acaciae* nom. nov.; *Tetrastichus khabarovskensis* nom. nov.; *Tetrastichus euprimoricus* nom. nov.; *Tetrastichus hindicus* nom. nov.; *Tetrastichus euplanipectus* nom. nov.; *Tetrastichus kostjukovi* nom. nov. and *Tetrastichus neothoracicus* nom. nov. (**Eulophidae: Tetrastichinae**);

KEY WORDS. Nomenclatural change, homonymy, replacement name, Hymenoptera, Chalcidoidea.

HYMENOPTERA PARASITICA

CHALCOIDEA

AGAONIDAE

SYCORICTINAE

Genus *SYCOSCAPTER*

Sycoscapter wiebesi nom. nov.

Junior secondary homonym: *Sycoscapter tibialis* Wiebes, 1981.

Distribution: Réunion.

Senior homonym: *Sycoscapter tibialis* (Mayr, 1906).

Original combination: *Sycoryctes tibialis* Mayr, 1906.

Distribution: Indonesia.

Replacement name: *Sycoscapter wiebesi* **nom. nov.**

pro *Sycoscapter tibialis* Wiebes, 1981 **syn. nov.**

Etymology: The name is dedicated to J. T. Wiebes who is the author of the preexisting species *S. tibialis*.

APHELINIDAE**COCCOPHAGINAE****Genus COCCOPHAGUS*****Coccophagus eusaissetiae* nom. nov.**

Junior secondary homonym: *Coccophagus saissetiae* (Annecke & Mynhardt, 1979).
Original combination: *Prococcophagus saissetiae* Annecke & Mynhardt, 1979.
Distribution: Israel, Italy, South Africa, America (California).

Senior homonym: *Coccophagus saissetiae* Gahan, 1922.
Distribution: Cuba, Panama, Uruguay.

Replacement name: *Coccophagus eusaissetiae* **nom. nov.**
pro *Coccophagus saissetiae* (Annecke & Mynhardt, 1979) **syn. nov.**
Etymology: From the specific epithet.

Genus ENCARSIA***Encarsia neocitricola* nom. nov.**

Junior primary homonym: *Encarsia citricola* Myartseva & Evans, 2008.
Distribution: Mexico.

Senior homonym: *Encarsia citricola* Myartseva, 2007.
Distribution: Mexico.

Replacement name: *Encarsia neocitricola* **nom. nov.**
pro *Encarsia citricola* Myartseva & Evans, 2008 **syn. nov.**
Etymology: From the specific epithet.

***Encarsia verticinella* nom. nov.**

Junior primary homonym: *Encarsia verticina* Myartseva & González, 2008.
Distribution: Mexico.

Senior homonym: *Encarsia verticina* Myartseva & González, 2008.
Distribution: Mexico.

Replacement name: *Encarsia verticinella* **nom. nov.**
pro *Encarsia verticina* Myartseva & González, 2008 **syn. nov.**
Etymology: From the specific epithet.

Genus PTEROPTRIX***Pteroptrix sinica* nom. nov.**

Junior secondary homonym: *Pteroptrix stenoptera* Huang, 1994.
Distribution: Fujian, China.

Senior homonym: *Archenomus stenopterus* Huang, 1992.
Original combination: *Pteroptrix stenoptera* (Huang, 1992).
Distribution: Fujian, China.

Replacement name: *Pteroptrix sinica* **nom. nov.**
pro *Encarsia clavata* Myartseva & González, 2008 **syn. nov.**
Etymology: From the type locality.

CHALCIDIDAE

CHALCIDINAE

Genus *BRACHYMERIA**Brachymeria habui* **nom. nov.**

Junior secondary homonym: *Brachymeria secundaria* Habu, 1960.

Distribution: India, China, Japan.

Senior homonym: *Brachymeria secundaria* (Ruschka, 1922).

Original combination: *Chalcis secundaria* Ruschka, 1922.

Distribution: Europe, Russia, Turkey, Central Asia, India, Japan.

Replacement name: *Brachymeria habui* **nom. nov.**

pro *Brachymeria secundaria* Habu, 1960 **syn. nov.**

Etymology: The name is dedicated to A. Habu who is the author of the preexisting species *B. secundaria*.

Brachymeria steffani **nom. nov.**

Junior secondary homonym: *Brachymeria tibialis* Steffan, 1958.

Distribution: Madagascar.

Senior homonym: *Brachymeria tibialis* (Walker, 1834).

Original combination: *Chalcis tibialis* Walker, 1834.

Distribution: Europe, Caucasus, Russia, Kazakhstan, Uzbekistan, Turkey, Cyprus, Syria, Israel, Lebanon, Iraq, Iran, North Africa, Pakistan, India, North America (America, Canada).

Replacement name: *Brachymeria steffani* **nom. nov.**

pro *Brachymeria tibialis* Steffan, 1958 **syn. nov.**

Etymology: The name is dedicated to J. R. Steffan who is the author of the preexisting species *B. tibialis*.

Genus *CONURA**Conura equadorica* **nom. nov.**

Junior primary homonym: *Conura maculata* (Holmgren, 1868).

Original combination: *Chalcis maculata* Holmgren, 1868.

Distribution: Equador.

Senior homonym: *Conura maculata* (Fabricius, 1787).

Original combination: *Chalcis maculata* Fabricius, 1787

Distribution: Argentina, Brasil, Colombia, Costa Rica, Equador, French Guiana, Paraguay, Mexico, America.

Replacement name: *Conura equadorica* **nom. nov.**

pro *Conura maculata* (Holmgren, 1868) **syn. nov.**

Etymology: From the type locality Equador.

Conura noyesi **nom. nov.**

Junior secondary homonym: *Conura picta* (André, 1881).

Original combination: *Smicra picta* André, 1881.

Distribution: Brasil, French Guiana.

Senior homonym: *Conura picta* (Fabricius, 1804).

Original combination: *Chalcis picta* Fabricius, 1804.

Distribution: Neotropical.

Replacement name: *Conura noyesi* **nom. nov.**

pro *Conura picta* (André, 1881) **syn. nov.**

Etymology: The name is dedicated to J. S. Noyes.

HALTICHELLINAE

Genus *ANTROCEPHALUS*

***Antrocephalus masii* nom. nov.**

Junior secondary homonym: *Antrocephalus bicolor* (Masi, 1932).

Original combination: *Sabatiella bicolor* Masi, 1932.

Distribution: India, Singapore, Sri Lanka, Taiwan.

Senior homonym: *Antrocephalus bicolor* (Ashmead, 1900).

Original combination: *Haltichella bicolor* Ashmead, 1900.

Distribution: Australia.

Replacement name: *Antrocephalus masii* **nom. nov.**

pro *Antrocephalus bicolor* (Masi, 1932) **syn. nov.**

Etymology: The name is dedicated to L. Masi who is the author of the preexisting species *A. angustipennis*.

Genus *HOCKERIA*

***Hockeria cameroni* nom. nov.**

Junior secondary homonym: *Hockeria fumipennis* (Cameron, 1907).

Original combination: *Stomatoceras fumipennis* Cameron, 1907.

Distribution: South Africa.

Senior homonym: *Hockeria fumipennis* (Walker, 1871).

Original combination: *Halticella fumipennis* Walker, 1871.

Distribution: Spain, France, Albania, Greece.

Replacement name: *Hockeria cameroni* **nom. nov.**

pro *Hockeria fumipennis* (Cameron, 1907) **syn. nov.**

Etymology: The name is dedicated to P. Cameron who is the author of the preexisting species *H. fumipennis*.

ENCYRTIDAE

ENCYRTINAE

Genus *APHYCOIDES*

***Aphycoides czekiacus* nom. nov.**

Junior secondary homonym: *Aphycoides speciosus* Hoffer, 1965.

Distribution: Czechia.

Senior homonym: *Aphycoides speciosus* (Hoffer, 1968).

Original combination: *Plesiomicroterys speciosus* Hoffer, 1968.

Distribution: Czechia, Finland, Russia, Slovakia, Sweden.

Replacement name: *Aphycoides czekiacus* **nom. nov.**

pro *Aphycoides speciosus* **syn. nov.**

Etymology: From the type locality Czechia.

Genus CHEILONEURUS***Cheiloneurus daghestanicus* nom. nov.**

Junior secondary homonym: *Cheiloneurus bifasciatus* (Trjapitzin, 1962).
 Original combination: *Tobiasia bifasciata* Trjapitzin, 1962.
 Distribution: Daghestan ASSR, Russia, Caucasus, Turkmenistan.

Senior homonym: *Cheiloneurus bifasciatus* (Timberlake, 1922).
 Original combination: *Aulonops bifasciata* Timberlake, 1922.
 Distribution: Hawaii.

Replacement name: *Cheiloneurus daghestanicus* **nom. nov.**
 pro *Cheiloneurus bifasciatus* (Trjapitzin, 1962) **syn. nov.**
 Etymology: From the type locality Daghestan ASSR, Russia.

***Cheiloneurus hawaiiicus* nom. nov.**

Junior secondary homonym: *Cheiloneurus hemipterus* (Timberlake, 1922).
 Original combination: *Hypergonatopus hemipterus* Timberlake, 1922.
 Distribution: Hawaii

Senior homonym: *Cheiloneurus hemipterus* (Girault, 1920).
 Original combination: *Eusemionella hemiptera* Girault, 1920.
 Distribution: Queensland, Australia.

Replacement name: *Cheiloneurus hawaiiicus* **nom. nov.**
 pro *Cheiloneurus hemipterus* (Timberlake, 1922) **syn. nov.**
 Etymology: From the type locality Hawaii.

***Cheiloneurus sinensis* nom. nov.**

Junior primary homonym: *Cheiloneurus phenacocci* Shi, 1994.
 Distribution: China (Henan, Shianxi).

Senior homonym: *Cheiloneurus phenacocci* Trjapitzin, 1964.
 Distribution: Primor'ye Kray, Russia and Japan.

Replacement name: *Cheiloneurus sinensis* **nom. nov.**
 pro *Cheiloneurus phenacocci* Shi, 1994 **syn. nov.**
 Etymology: From the type locality China.

Genus COPIDOSOMA***Copidosoma americana* nom. nov.**

Junior secondary homonym: *Copidosoma gelechia* (Howard, 1898).
 Original combination: *Parapsilophrys gelechia* Howard, 1898.
 Distribution: America.

Senior homonym: *Copidosoma gelechia* Howard, 1885.
 Distribution: Canada, America, Peru.

Replacement name: *Copidosoma americana* **nom. nov.**
 pro *Copidosoma gelechia* (Howard, 1898) **syn. nov.**
 Etymology: From the type locality America.

Genus *ENCYRTUS****Encyrtus merceti* nom. nov.**

Junior secondary homonym: *Encyrtus dubius* (Mercet, 1921).

Original combination: *Eucomys dubius* Mercet, 1921.

Distribution: Canary Islands, Spain.

Senior homonym: *Encyrtus dubius* Fonscolombe, 1840.

Distribution: France.

Replacement name: *Encyrtus merceti* **nom. nov.**

pro *Encyrtus dubius* (Mercet, 1921) **syn. nov.**

Etymology: The name is dedicated to R. G. Mercet who is the author of the preexisting species *E. dubius*.

Genus *METAPHYCUS****Metaphycus myartsevai* nom. nov.**

Junior primary homonym: *Metaphycus acanthococci* Myartseva, 1987.

Distribution: Turkmenistan.

Senior homonym: *Metaphycus acanthococci* Myartseva, 1984.

Distribution: Turkmenistan.

Replacement name: *Metaphycus myartsevai* **nom. nov.**

pro *Metaphycus acanthococci* Myartseva, 1987 **syn. nov.**

Etymology: The name is dedicated to S. N. Myartseva who is the author of the preexisting species *M. acanthococci*.

***Metaphycus xujiangi* nom. nov.**

Junior primary homonym: *Metaphycus ericeri* Xu & Jiang, 1991.

Distribution: China (Hunan, Sichuan, Yunnan).

Senior homonym: *Metaphycus ericeri* Trjapitzin, 1967.

Distribution: China, Russia.

Replacement name: *Metaphycus xujiangi* **nom. nov.**

pro *Metaphycus ericeri* Xu & Jiang, 1991 **syn. nov.**

Etymology: The name is dedicated to Z. H. Xu and D. Jiang who are the authors of the preexisting species *M. ericeri*.

***Metaphycus sinensis* nom. nov.**

Junior primary homonym: *Metaphycus flavus* (Shi, Si & Wang, 1994).

Original combination: *Aenasioidea flava* Shi, Si & Wang, 1994.

Distribution: Shandong, China.

Senior homonym: *Metaphycus flavus* (Howard, 1881).

Original combination: *Aphycus flavus* Howard, 1881.

Distribution: Europe, North, Central and South America, Antilles, Australia, Caucasus, Middle East, Iran, Canary Islands, North Africa, India.

Replacement name: *Metaphycus sinensis* **nom. nov.**

pro *Metaphycus flavus* (Shi, Si & Wang, 1994) **syn. nov.**

Etymology: From the type locality China.

***Metaphycus sharkovi* nom. nov.**

Junior secondary homonym: *Metaphycus insularis* (Sharkov, 1988).
 Original combination: *Aenasioidea insularis* Sharkov, 1988.
 Distribution: Kamchatka blast, Russia.

Senior homonym: *Metaphycus insularis* Annecke & Mynhardt, 1981.
 Distribution: Afrotropical, Mauritius.

Replacement name: *Metaphycus sharkovi* **nom. nov.**
 pro *Metaphycus insularis* (Sharkov, 1988) **syn. nov.**

Etymology: The name is dedicated to A. V. Sharkov who is the author of the preexisting species *M. insularis*.

***Metaphycus euturkmenicus* nom. nov.**

Junior primary homonym: *Metaphycus turkmenicus* Myartseva, 1987.
 Distribution: Turkmenistan.

Senior homonym: *Metaphycus turkmenicus* Myartseva, 1984.
 Distribution: Turkmenistan.

Replacement name: *Metaphycus euturkmenicus* **nom. nov.**
 pro *Metaphycus ericeri* Xu & Jiang, 1991 **syn. nov.**

Etymology: From the specific epithet.

Genus SYRPHOPHAGUS***Syrphophagus noyesi* nom. nov.**

Junior secondary homonym: *Syrphophagus nigricornis* (De Santis, 1964).
 Original combination: *Syrphidencyrtus nigricornis* De Santis, 1964.
 Distribution: Argentina.

Senior homonym: *Syrphophagus nigricornis* (Girault, 1922).
 Original combination: *Hexanusia nigricornis* Girault, 1922.
 Distribution: Queensland, Australia.

Replacement name: *Syrphophagus noyesi* **nom. nov.**
 pro *Syrphophagus nigricornis* (De Santis, 1964) **syn. nov.**

Etymology: The name is dedicated to J. S. Noyes.

***Syrphophagus australis* nom. nov.**

Junior secondary homonym: *Syrphophagus parvus* (Girault, 1923).
 Original combination: *Cerchysiopsis parva* Girault, 1923.
 Distribution: Queensland, Australia.

Senior homonym: *Syrphophagus parvus* (Mercet, 1921).
 Original combination: *Microterys parvus* Mercet, 1921.
 Distribution: Spain.

Replacement name: *Syrphophagus australis* **nom. nov.**
 pro *Syrphophagus parvus* (Girault, 1923) **syn. nov.**

Etymology: From the type locality Australia.

TETRACNEMINAE**Genus *LEPTOMASTIX******Leptomastix mayri* nom. nov.**

Junior secondary homonym: *Leptomastix histrio* Mayr, 1876.

Distribution: Europe (Czechia, Germany, Hungary, Italy, Moldova, Slovakia, Spain, Montenegro), Mongolia, Pakistan, China, Hawaii.

Senior homonym: *Leptomastix histrio* (Förster, 1856).

Original combination: *Sterrhocoma histrio* Förster, 1856.

Distribution: Germany.

Replacement name: *Leptomastix mayri* **nom. nov.**

pro *Leptomastix histrio* Mayr, 1876 **syn. nov.**

Etymology: The name is dedicated to G. Mayr who is the author of the preexisting species *L. histrio*.

Genus *RHOPUS****Rhopus sinicus* nom. nov.**

Junior secondary homonym: *Rhopus flavus* Xu, 2004.

Distribution: Liaoning, China.

Senior homonym: *Rhopus flavus* (Mercet, 1921).

Original combination: *Pholidoceras flava* Mercet, 1921.

Distribution: Spain.

Replacement name: *Rhopus sinicus* **nom. nov.**

pro *Rhopus flavus* Xu, 2004 **syn. nov.**

Etymology: From the type locality China.

EULOPHIDAE**ENTEDONINAE****Genus *CHRYSONOTOMYIA******Chrysonotomyia costaricana* nom. nov.**

Junior primary homonym: *Chrysonotomyia reticulata* Hansson, 2004.

Distribution: Costa Rica.

Senior homonym: *Chrysonotomyia reticulata* Sheng & Zhan, 2000.

Distribution: China (Guangdong, Jiangxi).

Replacement name: *Chrysonotomyia costaricana* **nom. nov.**

pro *Chrysonotomyia reticulata* Hansson, 2004 **syn. nov.**

Etymology: From the type locality Costa Rica.

Genus *CLOSTROCERUS****Closterocerus hanssoni* nom. nov.**

Junior secondary homonym: *Closterocerus (Achrysocharis) longus* Hansson, 1994.

Distribution: America.

Senior homonym: *Closterocerus longus* (Girault, 1915).

Original combination: *Achrysocharis longus* Girault, 1915.

Distribution: New South Wales, Australia.

Replacement name: *Closterocerus hanssoni* **nom. nov.**

pro *Closterocerus (Achrysocharis) longus* Hansson, 1994 **syn. nov.**

Etymology: The name is dedicated to C. Hansson who is the author of the preexisting species *C. longus*.

***Closterocerus eupulcher* nom. nov.**

Junior secondary homonym: *Closterocerus pulcher* (Girault, 1913).

Original combination: *Chrysocharella pulchra* Girault, 1913.

Distribution: Queensland, Australia.

Senior homonym: *Closterocerus pulcher* (Howard, 1897).

Original combination: *Entedon pulcher* Howard, 1897.

Distribution: Grenada.

Replacement name: *Closterocerus eupulcher* **nom. nov.**

pro *Closterocerus pulcher* (Girault, 1913) **syn. nov.**

Etymology: From the specific epithet.

***Closterocerus australis* nom. nov.**

Junior secondary homonym: *Closterocerus trifasciatus* (Girault, 1913).

Original combination: *Achrysocharis trifasciatus* Girault, 1913.

Distribution: Queensland, Australia.

Senior homonym: *Closterocerus trifasciatus* Westwood, 1833.

Distribution: Europe, Russia, Yemen, China, Japan, Canada, America.

Replacement name: *Closterocerus australis* **nom. nov.**

pro *Closterocerus trifasciatus* (Girault, 1913) **syn. nov.**

Etymology: From the type locality Australia.

***Closterocerus askewi* nom. nov. and *Closterocerus americanus* nom. nov.**

Junior secondary homonym: *Closterocerus violaceus* (Askew, 1999).

Original combination: *Neochrysocharis violacea* Askew, 1999.

Distribution: Canary Islands, Spain.

Junior secondary homonym: *Closterocerus (Achrysocharis) violaceus* Hansson, 1994.

Distribution: America.

Senior homonym: *Closterocerus violaceus* (Ferrière, 1936).

Original combination: *Teleopterus violaceus* Ferrière, 1936.

Distribution: Afrotropical.

Replacement name: *Closterocerus askewi* **nom. nov.**

pro *Closterocerus violaceus* (Askew, 1999) **syn. nov.**

Etymology: The name is dedicated to R. R. Askew who is the author of the preexisting species *C. violaceus*.

Replacement name: *Closterocerus americanus* **nom. nov.**

pro *Closterocerus (Achrysocharis) violaceus* Hansson, 1994 **syn. nov.**

Etymology: From the distribution area of the species.

Genus ENTEDON***Entedon nearcticus* nom. nov.**

Junior secondary homonym: *Entedon leucopus* (Ashmead, 1888).
Original combination: *Pleurotropis leucopus* Ashmead, 1888.
Distribution: Canada, America.

Senior homonym: *Entedon leucopus* Dalman, 1820.
Distribution: Sweden.

Replacement name: *Entedon nearcticus* **nom. nov.**
pro *Entedon leucopus* (Ashmead, 1888) **syn. nov.**
Etymology: From the distribution area of the species.

***Entedon neotibialis* nom. nov.**

Junior secondary homonym: *Entedon tibialis* Szelényi, 1978.
Distribution: Hungary, Netherlands.

Senior homonym: *Entedon tibialis* (Nees, 1834).
Original combination: *Eulophus tibialis* Nees, 1834.
Distribution: Europe.

Replacement name: *Entedon neotibialis* **nom. nov.**
pro *Entedon tibialis* Szelényi, 1978 **syn. nov.**
Etymology: From the specific epithet.

Genus PEDIOBIUS***Pediobius khani* nom. nov.**

Junior primary homonym: *Pediobius ni* Khan, 1996.
Distribution: Uttar Pradesh, India.

Senior homonym: *Pediobius ni* Peck, 1985.
Distribution: Costa Rica, Honduras, America (Arizona).

Replacement name: *Pediobius khani* **nom. nov.**
pro *Pediobius ni* Khan, 1996 **syn. nov.**
Etymology: The name is dedicated to M. A. Khan who is the author of the preexisting species *P. ni*.

EULOPHINAE**Genus AULOGYMNUS*****Aulogymnus arifaokhani* nom. nov.**

Junior secondary homonym: *Aulogymnus indicus* Khan, Agnihotri & Sushil, 2005.
Distribution: Uttaranchal, India.

Senior homonym: *Aulogymnus indicus* (Arifa & Khan, 1992).
Original combination: *Olynx indicus* Arifa & Khan, 1992.
Distribution: Uttar Pradesh, India.

Replacement name: *Aulogymnus arifaokhani* **nom. nov.**
pro *Aulogymnus indicus* Khan, Agnihotri & Sushil, 2005 **syn. nov.**
Etymology: The name is dedicated to N. Arifa and M. A. Khan who are the authors of the preexisting species *A. indicus*.

Genus CIRROSPILUS***Cirrospilus americanus* nom. nov.**

Junior secondary homonym: *Cirrospilus nigrivariiegatus* (Girault, 1917).
 Original combination: *Pseudiglyphomyia nigrivariiegata* Girault, 1917.
 Distribution: America.

Senior homonym: *Cirrospilus nigrivariiegatus* (Girault, 1915).
 Original combination: *Cirrospilopsis nigrivariiegatus* Girault, 1915.
 Distribution: Queensland, Australia.

Replacement name: *Cirrospilus americanus* **nom. nov.**
 pro *Cirrospilus nigrivariiegatus* (Girault, 1917) **syn. nov.**
 Etymology: From the type locality America.

***Cirrospilus noyesi* nom. nov.**

Junior secondary homonym: *Cirrospilus pulcher* (Girault, 1913).
 Original combination: *Gyrolasella pulchra* Girault, 1913.
 Distribution: Queensland, Australia and Ul'yanovsk Oblast, Russia
 Senior homonym: *Cirrospilus pulcher* Masi, 1911.
 Distribution: Italy, Czechia, Hungary, Switzerland, Slovakia, Moldova, Morocco, New Zealand.

Replacement name: *Cirrospilus noyesi* **nom. nov.**
 pro *Cirrospilus pulcher* (Girault, 1913) **syn. nov.**
 Etymology: The name is dedicated to J. S. Noyes.

Genus DICLADOCERUS***Di cladocerus yoshimotoi* nom. nov.**

Junior secondary homonym: *Di cladocerus japonicus* Yoshimoto, 1976.
 Distribution: Japan, America.

Senior homonym: *Di cladocerus japonicus* (Ashmead, 1904).
 Original combination: *Eulophus japonicus* Ashmead, 1904.
 Distribution: Japan, Russia, America.

Replacement name: *Di cladocerus yoshimotoi* **nom. nov.**
 pro *Di cladocerus japonicus* Yoshimoto, 1976 **syn. nov.**
 Etymology: The name is dedicated to C. M. Yoshimoto who is the author of the preexisting species *D. japonicus*.

Genus DIGLYPHOMORPHOMYIA***Diglyphomorphomyia keralana* nom. nov.**

Junior primary homonym: *Diglyphomorphomyia nigra* Narendran, 2005.
 Distribution: Kerala, India.

Senior homonym: *Diglyphomorphomyia nigra* Zhu & Huang, 2003.
 Distribution: China (Fujian, Hainan).

Replacement name: *Diglyphomorphomyia keralana* **nom. nov.**
 pro *Diglyphomorphomyia nigra* Narendran, 2005 **syn. nov.**
 Etymology: From the type locality Kerala, India.

Genus *MICROLYCUS****Microlycus hungarica* nom. nov.**

Junior secondary homonym: *Microlycus erdoesi* (Szelényi, 1976).

Original combination: *Neolachertus erdoesi* Szelényi, 1976.

Distribution: Hungary, Sweden.

Senior homonym: *Microlycus erdoesi* Boucek, 1959.

Distribution: Sweden, Austria, Bulgaria, Czechia, Hungary, Moldova, Slovakia, England, Turkey, Russia.

Replacement name: *Microlycus hungarica* **nom. nov.**

pro *Microlycus erdoesi* (Szelényi, 1976) **syn. nov.**

Etymology: From the type locality Hungary.

Genus *SYMPIESIS****Sympiesis turkmenica* nom. nov. and *Sympiesis myartsevai* nom. nov.**

Junior primary homonym: *Sympiesis elaeagni* Myartseva, 1999.

Distribution: Turkmenistan.

Junior primary homonym: *Sympiesis elaeagni* Myartseva, 1998.

Distribution: Turkmenistan.

Senior homonym: *Sympiesis elaeagni* Myartseva, 1997.

Distribution: Turkmenistan.

Replacement name: *Sympiesis turkmenica* **nom. nov.**

pro *Sympiesis elaeagni* Myartseva, 1999 **syn. nov.**

Etymology: From the type locality Turkmenistan.

Replacement name: *Sympiesis myartsevai* **nom. nov.**

pro *Sympiesis elaeagni* Myartseva, 1998 **syn. nov.**

Etymology: The name is dedicated to S. N. Myartseva who is the author of the preexisting species *S. elaeagni*.

TETRASTICHINAE**Genus *APROSTOCETUS******Aprostocetus primoricus* nom. nov.**

Junior secondary homonym: *Aprostocetus arsenjevi* (Kostjukov, 1990).

Distribution: Primor'ye Kray, Russia.

Senior homonym: *Aprostocetus arsenjevi* (Kostjukov, 1995).

Distribution: Kamchatka Oblast, Russia.

Replacement name: *Aprostocetus primoricus* **nom. nov.**

pro *Aprostocetus arsenjevi* (Kostjukov, 1990) **syn. nov.**

Etymology: From the type locality Primor'ye Kray, Russia.

***Aprostocetus giraulti* nom. nov.**

Junior secondary homonym: *Aprostocetus auriflavus* (Girault, 1915).

Original combination: *Tetrastichodes auriflavus* Girault, 1915.

Distribution: Queensland, Australia.

Senior homonym: *Aprostocetus auriflavus* (Girault, 1913).
 Original combination: *Syntomosphyrella auriflava* Girault, 1913.
 Distribution: Queensland, Australia.

Replacement name: *Aprostocetus giraulti* **nom. nov.**

pro *Aprostocetus auriflavus* (Girault, 1915) **syn. nov.**

Etymology: The name is dedicated to A. A. Girault who is the author of the preexisting species *A. auriflavus*.

***Aprostocetus indicus* nom. nov. and *Aprostocetus jaipurensis* Khan & Shafee, 1988**

Junior primary homonym: *Aprostocetus bouceki* Khan, Agnihotri & Sushil, 2005.
 Distribution: Uttranchal, India.

Junior secondary homonym: *Aprostocetus bouceki* (Khan & Shafee, 1988).
 Original combination: *Tetrastichus bouceki* Khan & Shafee, 1988.
 Synonym: *Tetrastichus jaipurensis* Khan & Shafee, 1988.
 Distribution: India (Maharashtra, Rajasthan).

Senior homonym: *Aprostocetus (Aprostocetus) bouceki* Graham, 1987.
 Distribution: Spain.

Replacement name: *Aprostocetus indicus* **nom. nov.**

pro *Aprostocetus bouceki* Khan, Agnihotri & Sushil, 2005 **syn. nov.**

Etymology: From the type locality India.

Replacement name: *Aprostocetus jaipurensis* (Khan & Shafee, 1988)
 pro *Aprostocetus bouceki* (Khan & Shafee, 1988) **syn. nov.**
 Etymology: From the available synonym name of *A. bouceki*.

***Aprostocetus seychellensis* nom. nov.**

Junior secondary homonym: *Aprostocetus distinguendus* (Masi, 1917).
 Original combination: *Tetrastichus distinguendus* Masi, 1917.
 Distribution: Seychelles.

Senior homonym: *Aprostocetus distinguendus* (Perkins, 1912).
 Original combination: *Ootetrastichus distinguendus* Perkins, 1912.
 Distribution: Europe.

Replacement name: *Aprostocetus seychellensis* **nom. nov.**

pro *Aprostocetus distinguendus* (Masi, 1917) **syn. nov.**

Etymology: From the type locality.

***Aprostocetus doutti* nom. nov.**

Junior secondary homonym: *Aprostocetus elongatus* (Doutt, 1961).
 Original combination: *Ootetrastichus elongatus* Doutt, 1961.
 Distribution: Japan.

Senior homonym: *Aprostocetus elongatus* (Förster, 1841).
 Original combination: *Eulophus elongatus* Förster, 1841.
 Distribution: Europe.

Replacement name: *Aprostocetus doutti* **nom. nov.**

pro *Aprostocetus elongatus* (Doutt, 1961) **syn. nov.**

Etymology: The name is dedicated to R. L. Doutt who is the author of the preexisting species *A. elongatus*.

***Aprostocetus euflavus* nom. nov. and *Aprostocetus neoflavus* nom. nov.**

Junior secondary homonym: *Aprostocetus flavus* (Girault, 1913).
Original combination: *Aprostocerella flava* Girault, 1913: 240.
Distribution: Queensland, Australia.

Junior secondary homonym: *Aprostocetus flavus* (Girault, 1913).
Original combination: *Ootetrastichus flavus* Girault, 1913: 217, 222.
Distribution: Queensland, Australia.

Senior homonym: *Aprostocetus flavus* Girault, 1913: 212.
Distribution: Queensland, Australia.

Replacement name: *Aprostocetus euflavus* **nom. nov.**
pro *Aprostocetus flavus* (Girault, 1913) **syn. nov.**
Aprostocerella flava Girault, 1913: 240.
Etymology: From the specific epithet.

Replacement name: *Aprostocetus neoflavus* **nom. nov.**
pro *Aprostocetus flavus* (Girault, 1913) **syn. nov.**
Ootetrastichus flavus Girault, 1913: 217, 222.
Etymology: From the specific epithet.

***Aprostocetus cengizi* nom. nov.**

Junior secondary homonym: *Aprostocetus hyalinipennis* (Girault, 1914).
Original combination: *Syntomosphyrum hyalinipenne* Girault, 1914.
Distribution: Queensland, Australia.

Senior homonym: *Aprostocetus hyalinipennis* (Girault, 1911).
Original combination: *Tetrastichodes hyalinipennis* Girault, 1911.
Distribution: Paraguay.

Replacement name: *Aprostocetus cengizi* **nom. nov.**
pro *Aprostocetus hyalinipennis* (Girault, 1914) **syn. nov.**
Etymology: The name is dedicated to Gökhan Cengiz (Turkey).

***Aprostocetus metei* nom. nov.**

Junior secondary homonym: *Aprostocetus longiventris* (Masi, 1917).
Original combination: *Tetrastichus longiventris* Masi, 1917.
Distribution: Seychelles.

Senior homonym: *Aprostocetus longiventris* (Girault, 1913).
Original combination: *Ootetrastichella longiventris* Girault, 1913.
Distribution: Queensland, Australia.

Replacement name: *Aprostocetus metei* **nom. nov.**
pro *Aprostocetus longiventris* (Masi, 1917) **syn. nov.**
Etymology: The name is dedicated to Mete Murat Haliloğlu (Turkey).

***Aprostocetus moluccasicus* nom. nov.**

Junior secondary homonym: *Aprostocetus pallidipes* (Perkins, 1912).
Original combination: *Ootetrastichus pallidipes* Perkins, 1912.
Distribution: South Moluccas, Indonesia and Mauritius.

Senior homonym: *Aprostocetus pallidipes* (Ashmead, 1904).
Original combination: *Tetrastichodes pallidipes* Ashmead, 1904.

Distribution: Japan.

Replacement name: *Aprostocetus moluccasicus* **nom. nov.**

pro *Aprostocetus pallidipes* (Perkins, 1912) **syn. nov.**

Etymology: From the type locality Moluccas, Indonesia.

***Aprostocetus pseudopurpureus* nom. nov.**

Junior secondary homonym: *Aprostocetus purpureus* Girault, 1913.

Distribution: Queensland, Australia.

Senior homonym: *Aprostocetus purpureus* (Cameron, 1913).

Original combination: *Hadrothrix purpurea* Cameron, 1913.

Distribution: Australia, Bangladesh, India, Malaysia, Pakistan, China (Zhejiang).

Replacement name: *Aprostocetus pseudopurpureus* **nom. nov.**

pro *Aprostocetus purpureus* Girault, 1913 **syn. nov.**

Etymology: From the specific epithet.

***Aprostocetus eusenegalensis* nom. nov.**

Junior secondary homonym: *Aprostocetus senegalensis* (Risbec, 1951: 96).

Original combination: *Hyperteles senegalensis* Risbec, 1951: 96.

Distribution: Senegal.

Senior homonym: *Aprostocetus senegalensis* (Risbec, 1951: 89).

Original combination: *Tetrastichodes senegalensis* Risbec, 1951: 89.

Distribution: Senegal.

Replacement name: *Aprostocetus eusenegalensis* **nom. nov.**

pro *Aprostocetus purpureus* Girault, 1913 **syn. nov.**

Etymology: From the specific epithet.

Genus *TETRASTICHUS*

***Tetrastichus breviscapella* nom. nov. and *Tetrastichus ukrainensis* nom. nov.**

Junior primary homonym: *Tetrastichus breviscapus* Kostjukov, 1995.

Distribution: Primor'ye Kray, Russia.

Junior primary homonym: *Tetrastichus breviscapus* Kostjukov, 1978.

Distribution: Ukraine.

Senior homonym: *Tetrastichus breviscapus* Kostjukov, 1977.

Distribution: Ukraine.

Replacement name: *Tetrastichus breviscapella* **nom. nov.**

pro *Tetrastichus breviscapus* Kostjukov, 1995 **syn. nov.**

Etymology: From the specific epithet.

Replacement name: *Tetrastichus ukrainensis* **nom. nov.**

pro *Tetrastichus breviscapus* Kostjukov, 1978 **syn. nov.**

Etymology: From the type locality Ukraine.

***Tetrastichus uttaranchalicus* nom. nov. and *Tetrastichus yangi* nom. nov.**

Junior primary homonym: *Tetrastichus clavatus* Khan, Agnihotri & Sushil, 2005.

Synonym: *Tetrastichus clavus* Khan, Agnihotri & Sushil, 2005 [Alternative original spelling of *Tetrastichus clavatus* Kostjukov (page 177)]

Distribution: India.

Junior primary homonym: *Tetrastichus clavatus* Yang, 1996.
Distribution: Shaanxi, China.

Senior homonym: *Tetrastichus clavatus* Kostjukov, 1995.
Distribution: Primor'ye Kray, Russia.

Replacement name: *Tetrastichus uttaranchalicus* **nom. nov.**
pro *Tetrastichus clavatus* Khan, Agnihotri & Sushil, 2005 **syn. nov.**
Etymology: From the type locality Uttaraanchal, India.

Replacement name: *Tetrastichus yangi* **nom. nov.**
pro *Tetrastichus clavatus* Yang, 1996 **syn. nov.**
Etymology: The name is dedicated to Z. Q. Yang who is the author of the preexisting species *T. clavatus*.

***Tetrastichus pehlivani* nom. nov.**

Junior secondary homonym: *Tetrastichus coeruleus* (Bingham, 1906).
Original combination: *Microterys coeruleus* Bingham, 1906.
Distribution: Queensland, Australia.

Senior homonym: *Tetrastichus coeruleus* (Nees, 1834).
Original combination: *Eulophus coeruleus* Nees, 1834.
Distribution: Europe, Canada, America.

Replacement name: *Tetrastichus pehlivani* **nom. nov.**
pro *Tetrastichus coeruleus* (Bingham, 1906) **syn. nov.**
Etymology: The name is dedicated to Prof. Dr. Sevil Pehlivan and Prof. Dr. Ferit Pehlivan (Turkey).

***Tetrastichus dignella* nom. nov.**

Junior primary homonym: *Tetrastichus dignus* Kostjukov, 1995.
Distribution: Primor'ye Kray, Russia.

Senior homonym: *Tetrastichus dignus* Kostjukov, 1995.
Distribution: Khabarovsk Kray, Russia.

Replacement name: *Tetrastichus dignella* **nom. nov.**
pro *Tetrastichus dignus* Kostjukov, 1995 **syn. nov.**
Etymology: From the specific epithet.

***Tetrastichus meridionalis* nom. nov.**

Junior primary homonym: *Tetrastichus lepidus* Masi, 1940.
Distribution: Somalia, Ivory Coast, Senegal, West Africa.

Senior homonym: *Tetrastichus lepidus* Walker, 1874.
Distribution: Amur Oblast, Russia.

Replacement name: *Tetrastichus meridionalis* **nom. nov.**
pro *Tetrastichus lepidus* Masi, 1940 **syn. nov.**
Etymology: From the distribution area of the species.

***Tetrastichus argentinacus* nom. nov.**

Junior primary homonym: *Tetrastichus lopezi* Blanchard, 1936.

Distribution: Argentina.

Senior homonym: *Tetrastichus lopezi* Cristobal, 1936.
Distribution: Argentina.

Replacement name: *Tetrastichus argentinacus* **nom. nov.**
pro *Tetrastichus lopezi* Blanchard, 1936 **syn. nov.**
Etymology: From the type locality Argentina.

***Tetrastichus primoricus* nom. nov. and *Tetrastichus acaciae* nom. nov.**

Junior primary homonym: *Tetrastichus (Tetrastichus) magnus* Kostjukov, 1995.
Distribution: Primor'ye Kray, Russia.

Junior primary homonym: *Tetrastichus magnus acaciae* Risbec, 1958.
Distribution: Madagascar.

Senior homonym: *Tetrastichus magnus* Risbec, 1951.
Distribution: Ivory Coast.

Replacement name: *Tetrastichus primoricus* **nom. nov.**
pro *Tetrastichus (Tetrastichus) magnus* Kostjukov, 1995 **syn. nov.**
Etymology: From the type locality Primor'ye Kray, Russia.

Replacement name: *Tetrastichus acaciae* **nom. nov.**
pro *Tetrastichus magnus acaciae* Risbec, 1958 **syn. nov.**
Etymology: From the name of Risbec.

***Tetrastichus khabarovskensis* nom. nov.**

Junior primary homonym: *Tetrastichus (Tetrastichus) niger* Kostjukov, 1995
Distribution: Khabarovsk Kray, Russia.

Senior homonym: *Tetrastichus niger* Ranaweera, 1950.
Distribution: India, Sri Lanka.

Replacement name: *Tetrastichus khabarovskensis* **nom. nov.**
pro *Tetrastichus (Tetrastichus) niger* Kostjukov, 1995 **syn. nov.**
Etymology: From the type locality Khabarovsk Kray, Russia.

***Tetrastichus euprimoricus* nom. nov.**

Junior secondary homonym: *Tetrastichus nigriscapus* Kostjukov, 1995.
Distribution: Primor'ye Kray, Russia.

Senior homonym: *Tetrastichus nigriscapus* (Howard, 1897).
Original combination: *Tetrastichodes nigriscapus* Howard, 1897.
Distribution: Grenada.

Replacement name: *Tetrastichus primoricus* **nom. nov.**
pro *Tetrastichus nigriscapus* Kostjukov, 1995 **syn. nov.**
Etymology: From the type locality Primor'ye Kray, Russia.

***Tetrastichus hindicus* nom. nov.**

Junior primary homonym: *Tetrastichus orientalis* Khan, Agnihotri & Sushil, 2005.
Distribution: India.

Senior homonym: *Tetrastichus (Musciiformia) orientalis* Kostjukov, 1995.

Distribution: Russia.

Replacement name: *Tetrastichus hindicus* **nom. nov.**

pro *Tetrastichus orientalis* Khan, Agnihotri & Sushil, 2005 **syn. nov.**

Etymology: From the type locality India.

***Tetrastichus euplanipectus* nom. nov.**

Junior primary homonym: *Tetrastichus planipectus* Kostjukov, 1995.

Distribution: Primor'ye Kray, Russia.

Senior homonym: *Tetrastichus planipectus* Kostjukov, 1978.

Distribution: St. Petersburg, Russia.

Replacement name: *Tetrastichus euplanipectus* **nom. nov.**

pro *Tetrastichus planipectus* Kostjukov, 1995 **syn. nov.**

Etymology: From the specific epithet.

***Tetrastichus neothoracicus* nom. nov.**

Junior primary homonym: *Tetrastichus thoracicus* Khan, Agnihotri & Sushil, 2005.

Distribution: Uttaranchal, India.

Senior homonym: *Tetrastichus thoracicus* Yang, 1996.

Distribution: Heilongjiang, China.

Replacement name: *Tetrastichus neothoracicus* **nom. nov.**

pro *Tetrastichus thoracicus* Khan, Agnihotri & Sushil, 2005 **syn. nov.**

Etymology: From the specific epithet.

***Tetrastichus kostjukovi* nom. nov.**

Junior secondary homonym: *Tetrastichus tibialis* Kostjukov, 1995.

Distribution: Russia.

Senior homonym: *Tetrastichus tibialis* (Ashmead, 1894).

Original combination: *Tetrastichodes tibialis* Ashmead, 1894.

Distribution: Canada, America.

Replacement name: *Tetrastichus kostjukovi* **nom. nov.**

pro *Tetrastichus tibialis* Kostjukov, 1995 **syn. nov.**

Etymology: The name is dedicated to Kostjukovi who is the author of the preexisting species *T. tibialis*.

* The references will be give at the end of the next paper.