

A new species of the genus *Zherichiniletus* Legalov, 2003 with systematic notes on the tribes Sanyrevilleini, Auletini and Cesautetini (Coleoptera: Rhynchitidae)

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A new species *Zherichiniletus ponomarenkoi* Legalov, sp.n. (Indonesia: Kalimantan) similar to *Zh. ovatus* (Philippines) is described. Seven synonyms and four systematic placements are newly presented, new faunistic data are provided. Twenty four new taxonomic combinations are proposed.

Key words: Coleoptera, Curculionoidea, Rhynchitidae, new species, new status, new synonym, new data.

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INTRODUCTION

Small monophyletic group of the superfamily Curculionoidea, the family Rhynchitidae, includes more than 2000 species. This family emerged in Early Cretaceous (Legalov 2009, 2010) and join species rolling leaves into tubes for the larvae development as well as species using other substrata for oviposition. Representatives of primitive tribes, the most interesting for systematic and evolution investigations of the family, are widely distributed in different ecosystems. However, the centres of biodiversity of Rhynchitidae are located in Oriental, Ethiopian, Australian and Neotropical areas.

Representative material including type specimens was studied by the author in a course of the work resulted in the present paper.

MATERIAL AND METHODS

Types and specimens are kept in the following collections and museums: DEI – Deutsches Entomologisches Institut (Germany: Müncheberg); HNHM – Hungarian Natural History Museum (Hungary: Budapest); ISNB – Institut Royal des Sciences Naturelles de Belgique (Belgium: Brussels); MCSN – Museo Civico di Storia Naturale “Giacomo Doria” (Italy:

Genova); MMUE – The Manchester Museum, The University of Manchester (UK: Manchester); MRAC – Musée Royal de l’Afrique Centrale (Belgium: Tervuren); MZLU – Lund University (Sweden: Lund); NHRS – Naturhistoriska riksmuseet (Swedish Museum of Natural History) (Sweden; Stockholm); NME – Naturkundemuseum Erfurt (Germany: Erfurt); NMPC – National Museum of Natural History (Czech Republic: Prague); RDP – R. Dunda Collection (Czech Republic: Prague); SAMC – Iziko Museum of Capetown (formerly South African Museum) (South Africa: Cape Town); SMTD – Staatliches Museum für Tierkunde (Germany: Dresden); SZMN – Zoological Museum, Institute of Animal Systematics and Ecology (Russia: Novosibirsk); USNM – National Museum of Natural History, [formerly, United States National Museum] (USA: Washington); ZIN – Zoological Institute of Russian Academy of Sciences (Russia: St. Petersburg); ZMHB – Museum für Naturkunde der Humboldt-Universität (Germany: Berlin); ZFMK – Zoologische Forschungsinstitut und Museum “Alexander Koenig” (Germany: Bonn); ZMUC – Zoological Museum, University of Copenhagen (Denmark: Copenhagen), ZMUM – Zoological Museum of Moscow State University (Russia: Moscow).

RESULTS

Family Rhynchitidae Gistel, 1848

Tribe Sanyrevilleini Legalov, 2003

Subtribe Parauletanina Legalov, 2007

Genus *Zherichiniletus* Legalov, 2003

Subgenus *Zherichiniletoides* Legalov, 2007

Zherichiniletus (Zherichiniletoides) ovatus (Voss, 1922), *comb.n., placem.n.*

Auletobius ovatus Voss, 1922a: 31

Material. 1 female (RDP), Philippines, Mindanao, 30 km W of Maramag, 1600 m, 28-30.XII.1990, Bolm.

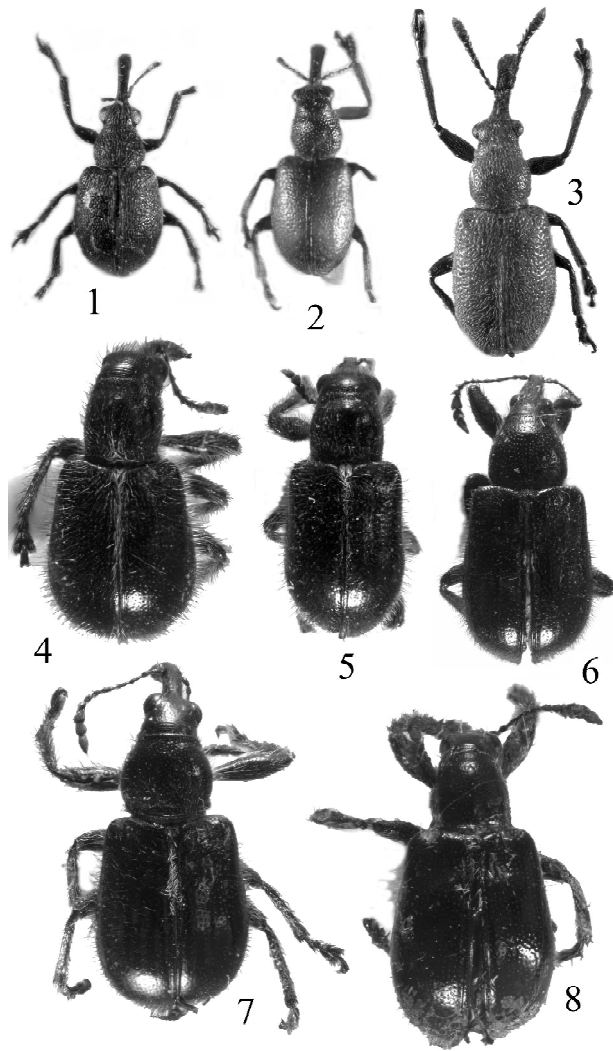
Distribution. Philippines.

Remarks. Previously, this species has been placed wrongly in genus *Auletobius* Desbrochers des Loges, 1869.

Zherichiniletus (Zherichiniletoides) ponomarenkoi Legalov, sp.n. (Figs. 1, 15)

Material. Holotype – male (NMPC), Indonesia, S Kalimantan, Kandangan Distr., 17 km NE Loksado, 3-22.IX.1997.

Description. Male. Body black. Mandible, apex of the rostrum, tarsi and antennae brownish. Body with adjoining, light setae. Rostrum long, 6.0 times longer than width, 1.2 times longer than pronotum, almost straight, weakly widened to apex, small punctate. Mandible with 1 tooth at exterior margin. Place of antennal attachment located subbasal. Eyes large, strongly convex. Frons wide, flattened, small punctate. Temples straight lines, short. Antennae long, reaching for pronotum first line. Scapus and 1st segment of the funicle oval. Scapus little longer than 1st segment. 2nd-4th segments elongated-oval, narrower. 2nd segment longer than 1st segment. 3rd segment hardly shorter than 2nd segment. 4th segment of almost equal to 3rd segment. 5th-6th segments short-oval. Pronotum almost campaniform, 1.2 times wider than length, with weakly rounded sides, weakly narrowed to the basis and apex. Disk convex, small and densely punctate. The greatest width on the middle. Scutellum trapezoid. Elytra almost rectangular, elongated, 1.29 times longer than width. The greatest width located behind the middle. Humeri weakly smoothed. Striae reduced. Points large and deep. Intervals weakly convex. Elytral apex of elytra is rounded. Thorax small and sparsely punctate. Metepisternum narrow. Abdomen convex. 1st and 2nd ventrites wide. 2nd ventrite hardly wider than 1st ventrite. 3rd-5th ventrites narrower, narrower than 2nd ventrites, approximately of equal width. Pygidium convex, punctate. Legs long. Femora widened. Tibiae almost straight, weakly widened to apex. Protibiae narrower and long. Tarsi long, protarsi hardly more elongated than meso- and metatarsi. 1st segment elongated-triangular. 2nd segment wider-



Figs. 1-8. Rhynchitidae gen. spp. (body, dorsal view): 1 – *Zherichiniletus ponomarenkoi* sp.n. (holotype), 2 – *Auletobius fukienensis* (lectotype), 3 – *Pseudomesauletes klapperichi* (lectotype), 4 – *Pseudauletes albilineatus* (holotype), 5 – *P. calosicollis* (lectotype), 6 – *P. curvirostris* (holotype), 7 – *P. championi* (male), 8 – *P. freiburgensis* (lectotype).

triangular. 3rd segment bilobed. Clausal segment elongated. Claws with long teeth. Length of body: 2.0 mm.

Diagnosis. This new species is close to *Zh. ovatus* but differs by the more strongly rounded sides of the pronotum and armament of the endophallus.

Distribution. Indonesia.

Etymology. This new species is named in honour of A.G. Ponomarenko.

Tribe Auletini Desbrochers des Loges, 1908

Subtribe Auletohiina Legalov, 2001

Genus *Auletobius* Desbrochers des Loges, 1869

Subgenus *Auletobius* s. str.

Auletobius (Auletobius) nigrolimbatus (Peringuey, 1888), **comb.n., placem.n.**
Rhynchites nigrolimbatus Peringuey, 1888: 177

Distribution. S-Africa.

Remarks. The lectotype is designated by the author – a female from the collection SAMC with labels “Type”, “Type, SAM/Ent, 4058”, “*Rhynchites nigro-limbatus* Typ Pg.”, “Imaged Entovision”, “Lectotype *Rhynchites nigrolimbatus* Peringuey, 1888, A. Legalov design. 2010”.

Previously, this species has been placed wrongly in the subgenus *Mandelschtamius* Legalov, 2003 of the genus *Pseudominurus* Voss, 1956.

Auletobius (Auletobius) fumigatus (Roelofs, 1874) (Figs. 2, 16)

Auletes fumigatus Roelofs, 1874: 151

Auletes testaceus Roelofs, 1874: 152

Auletobius fukienensis Voss, 1941: 239, syn.n.

Material. 1 male (ZFMK), “Kuatun (2300 m), 27,40n, Br. 117, 40 ö, L. J. Klapperich, 30.4. 1938 (Fukien)”, “*Auletobius fukienensis* m. ausgeführt, det. E. Voss”; 1 male (ZIN), Japan, Ofune, 14.VI.1936; 1 male (RDP), 1 male (SZMN), 1 female (RDP), NE Laos, Hua Phan prov., Ban Saluei, Phu Phan Mt., 20°15'N, 104°02'E, 1500-2000 m, 26.IV.-11.V.2001, J. Bezdek.

Distribution. China (Fujian), Japan, Laos.

Remarks. The lectotype of *Auletobius fukienensis* is designated by the author – a male from the collection

ZFMK with labels “Shaowu - Fukien (500 m), J. Klapperich, 26.6. 1937”, “Type”, “*Auletobius fukienensis* n. sp.”, “Lectotype *Auletobius fukienensis* Voss, 1941, A. Legalov design. 2010”. Paralectotype – a male (ZFMK) with labels “Shaowu - Fukien (500 m), J. Klapperich, 26.1. 1937”, “Type”, “*Auletobius fukienensis* n. sp.”, “Paralectotype *Auletobius fukienensis* Voss, 1941, A. Legalov design. 2010”.

Lectotype and paralectotype of *A. fumigatus* are studied by the author – female from the collection ISNB with labels “type”, “Coll. R. I. Sc. N. B., Japon: Japon: Lewis, Coll. Roelofs”, “*A. fumigatus* R. Japon. L.” and male from the collection BMNH with labels “Type. H.T.”, “Japan, G. Lewis, 1910–320”, “*Auletetes fumigatus* R.”.

A study of type specimens and material from Japon and China has shown that *Auletobius fukienensis* Voss, 1941, syn.n. is synonym to *A. (A.) fumigatus* (Roelofs, 1874).

This species is proven the first time for the fauna of Laos.

***Auletobius (Auletobius) ghumensis* Legalov, 2007**

Auletobius ghumensis Legalov, 2007: 38

Material. 1 male (NME), 1 female (NME), Nepal, S Kathmandu, Phulckoki, 1500-1600 m, 25.VI.1980, C. Holzschuh.

Distribution. Eastern India, Nepal.

Remarks. This species is proven the first time for the fauna of Nepal.

***Auletobius (Auletobius) arunachalensis* Legalov, 2007**

Auletobius arunachalensis Legalov, 2007: 36

Material. 2 male (RDP), 2 male (SZMN), India, W-Arunachal pr., Dirang vicinity, 27°21-23'N, 92°13-16'E, 1500-1800 m, 1-10.VI.2004, L. Dembicky.

Distribution. India.

***Auletobius (Auletobius) lumlensis* Legalov, 2003**

Auletobius lumlensis Legalov, 2003: 97

Material. 1 female (NME), Nepal, S Kathmandu, Shivapuri, 1800-2500 m, 24.VI.1980, C. Holzschuh; 1 female (ZIN), Nepal, Kathmandu env., Royal Nagarjin Forest, 27°44'N, 85°17'E, 1728 m, 16.V.2000, Konstantinov, Lingafelter, Volkovitsh; 1 female (USNM), Nepal, Pokhara reg, Lumle Ag. Res., 28°17'82'N, 83°49'11'E, 20.IV.2000, Konstantinov, Lingafelter, Volkovitsh.

Distribution. Nepal.

***Auletobius (Auletobius) medvedevi* Legalov, 2003**

Auletobius medvedevi Legalov, 2003: 99

Material. 2 female (ZMUM), S Vietnam, 120 km NNE of Ho Chi Mihn, env. Cat Tien Nat.Park, XI-XII.2004, D. Fedorenko.

Distribution. Vietnam.

Subtribe Mandelschamiina Legalov, 2003

Genus *Caboverdeletus* Legalov, 2007

***Caboverdeletus euphorbiae* (Wollaston, 1867)**

Auletetes euphorbiae Wollaston, 1867: 126

Distribution. Cabo Verde.

Remarks. The syntypes are studied by the author – a female from the collection HNHM with labels “Cap Verde, Inseln”, “Paratypus 1867 *Auletetes euphorbiae* Wollaston”, “*Auletetes typ euphorbiae* C. Verde Ins. Woll.”, “Coll. Reitter”, “*Auletobius euphorbiae* Woll., E. Voss det. 1954”.

Subtribe Pseudauletina Voss, 1933

Genus *Pseudauletetes* Voss, 1922

Pseudauletetes Voss, 1922a: 27

type species: *Rhynchites rufiventris* Jekel, 1860

Subgenus *Pseudauletetes* s. str.

***Pseudauletetes (Pseudauletetes) curvirostris* Voss, 1922** (Figs. 6, 18)

Pseudauletetes curvirostris Voss, 1922: 97

Distribution. Mexico.

Remarks. The holotype is studied by the author – a male from the collection DEI with labels “Mexico”, “Coll. Kraatz”, “Voss det.”, “Holotypus”, “*Pseudauletes curvirostris* n. sp.”, “DEI Müncheberg Col-00111”, “*Pseudauletes curvirostris* Voss”, “Holotype *Pseudauletes curvirostris* Voss, 1922, A. Legalov det. 2010”.

***Pseudauletes (Pseudauletes) flaviventris* (Sharp, 1889)**

Rhynchites flaviventris Sharp, 1889: 23

Distribution. Mexico.

Remarks. The specimen is studied by the author – almost destroyed female from the collection ZMHB with labels “Almolonga 6”, “Mexico, J. Flohr G.”, “*flaviventris* Sh”, “*Pseudauletes flaviventris* Shrp.”.

***Pseudauletes (Pseudauletes) rufiventris* (Jekel, 1860)** (Figs. 11, 20)

Rhynchites rufiventris Jekel, 1860: 226

Material. 1 male (ZMUC), “Mus. Western.”, “Mexico”, “*Rhynchites*”; 1 male (ISNB), “Mexique”, “Coll. Roelofs”; 1 female (ISNB), “Mexique”, “Coll. Roelofs”; 1 female (MMUE), “*Rhynchites rufiventris* Chev., Mex.”; female (MCSN), “Mexico”, “Ind. In coll. D. Witte, Brasilia”, “Museo Genova, coll. H. Jekel, via coll. A. Solari (acquisto 2000)”.

Distribution. Central America.

Remarks. The lectotype is designated by the author – male (MCSN) with labels “*Rhynchites* Chevr., Salle, Mexico”, “Syntypus *Rhynchites rufiventris* Jekel, 1860”, “Museo Genova, coll. H. Jekel, via coll. A. Solari (acquisto 2000)”, “Lectotype *Rhynchites rufiventris* Jekel, 1860, A. Legalov design. 2010”, “*Pseudauletes rufiventris* (Jekel, 1860), A. Legalov det. 2010”. Paralectotypes: female (MCSN) with labels “199, Lac. Com.”, “*Rhynchites (Lasiorhynch.) rufiventris* J. Mexico”, “Syntypus *Rhynchites rufiventris* Jekel, 1860”, “Museo Genova, coll. H. Jekel, via coll. A. Solari (acquisto 2000)”, “Paralectotype *Rhynchites rufiventris* Jekel, 1860, A. Legalov design. 2010”, “*Pseudauletes rufiventris* (Jekel, 1860), A. Legalov det. 2010” and

female (MCSN) with labels “996”, “*Rhynchites rufiventris* Ch. Mexico”, “Syntypus *Rhynchites rufiventris* Jekel, 1860”, “Museo Genova, coll. H. Jekel, via coll. A. Solari (acquisto 2000)”, “Paralectotype *Rhynchites rufiventris* Jekel, 1860, A. Legalov design. 2010”, “*Pseudauletes ? inermis* (Sharp, 1889), A. Legalov det. 2010”.

Subgenus *Eopseudauletes* Legalov, 2007

Eopseudauletes Legalov, 2007: 54

type species: *Rhynchites luceus* Gyllenhal, 1839
Nepseudauletes Legalov, 2007: 54, **syn.n.**

type species: *Pseudauletes subelongatus* Voss, 1922

Remarks. Comparative study of Central and Southern American species of the genus *Pseudauletes* showed that *Nepseudauletes* Legalov, 2007, **syn.n.** is synonym to *Eopseudauletes* Legalov, 2007.

***Pseudauletes (Eopseudauletes) albilineatus* Voss, 1922** (Fig. 4)

Pseudauletes albilineatus Voss, 1922: 98

Distribution. Brazil.

Remarks. The holotype is studied by the author – a female from the collection DEI with labels “Jatahy, Prov. Goyas. Brésil”, “Coll. Kraatz”, “Holotypus”, “*Pseudauletes albilineatus* n. sp.”, “DEI Müncheberg Col-00110”, “*Pseudauletes albilineatus* Voss”, “Holotype *Pseudauletes albilineatus* Voss, 1922, A. Legalov det. 2010”.

***Pseudauletes (Eopseudauletes) calosicollis* Voss, 1922** (Fig. 5)

Pseudauletes calosicollis Voss, 1922: 98

Material. 1 female (ISNB), “Coll. I.R.Sc.N.B., Bresil., Jatahy, Ex Coll. Oberthur, I.G.18.293”.

Distribution. Brazil.

Remarks. The lectotype is designated by the author – a female from the collection DEI with labels “Jatahy, Prov. Goyas. Brésil”, “Coll. Kraatz”, “Voss det.”, “Syntypus”, “DEI Müncheberg Col-00113”, “Lectotype *Pseudauletes calosicollis* Voss, 1922, A. Legalov design. 2010”. Paralectotype – a female from the collection DEI

with labels “Jatahy, Prov. Goyas. Brésil”, “Coll. Kraatz”, “Voss det.”, “Syntypus”, “*Pseudauletes calosicollis* n. sp.”, “DEI Müncheberg Col-00112”, “*Pseudauletes calosicollis* Voss”, “Paralectotype *Pseudauletes calosicollis* Voss, 1922, A. Legalov design. 2010”.

***Pseudauletes (Eopseudauletes) championi* (Sharp, 1889)** (Figs. 7, 21)

Rhynchites championi Sharp, 1889: 23

Distribution. Guatemala, Honduras, Mexico.

Remarks. The specimens are studied by the author – almost destroyed a female from the collection ZMHB with labels “Tapachula 16”, “Championi Sh”, “*Pseudauletes Championi* Sharp” and a male with labels “Mexico, J. Flohr G.”,

***Pseudauletes (Eopseudauletes) luceus* (Gyllenhal, 1839)** (Figs. 8, 19)

Rhynchites luceus Gyllenhal, 1839: 322

Rhynchites violaceus Lucas, 1857: 150, syn.n.

Pseudauletes freiburgensis Voss, 1922: 98, syn.n.

Pseudauletes nitens Voss, 1930: 61, syn.n.

Material. 1 ex. (SMTD), “Brasilien, Dohrn”, “Coll. J. Faust, Ankauf 1900”, “Staatl. Museum für Tierkunde, Dresden”; 1 ex. (SMTD), “Petropolis, Dr. Ohaus”, “24, 1906”, “Staatl. Museum für Tierkunde, Dresden”; 1 female (ZMHB), “N. Freiburg”, “Coll. I. W. Schaufuss”, “spec. ?”; 1 male (ZMUC), “Brasilia, Bescku, Mus. Drews.”; 1 female (ZMUC), “Lagoa Santa, Reinhardt”; 1 male (ISNB), 1 female (ISNB), “Minas Geraes”, “Coll. Roelofs”; 1 male (SZMN), “Bresil”, “Coll. Roelofs”; 1 female (ISNB), “Rio Janeiro”, “Coll. Castelnau, Coll. Roelofs”; 1 female (ISNB), “Brasile”, “Coll. Castelnau, Coll. Roelofs”, “*Coarctatus*. Dej.”.

Distribution. South-eastern Brazil.

Remarks. The lectotype is designated by the author – a female from the collection NHRS with labels “Typus”, “*Rh. atropurpureus* Schh., Brazil, Fald.”, “*Rh. luceus*”, “411, 65”, “Lectotype *Rhynchites luceus* Gyllenhal, 1839, A. Legalov design. 2009”. By the author is studied specimen

– a male with labels “*Rh. luceus*, Brazil, Germar”, “411, 65”.

The lectotype of *Pseudauletes freiburgensis* Voss, 1922 is designated by the author – a male from the collection ZMHB with labels “N Freiburg”, “Coll. I. W. Schaufuss”, “*Pseudauletes freiburgensis* n. sp.”, “SYNTYPUS *Pseudauletes freiburgensis* Voss, 1922, labelled by MNHUB 2009”, “Lectotype *Pseudauletes freiburgensis* Voss, 1922, A. Legalov design. 2009”.

The lectotype *Pseudauletes nitens* Voss, 1930 is designated by the author – a male from the collection NMPC with labels “Sao Paulo, Beas. Mraz lgt., Mus. Pragense”, “*Pseudauletes nitens* n. sp., Det. E. Voss”, “Lectotype *Pseudauletes nitens* Voss, A. Legalov. design. 2008”.

Study of the type specimens and Brazilian material proved that *Pseudauletes freiburgensis* Voss, 1922, syn.n., *P. nitens* Voss, 1930, syn.n. and *Rhynchites violaceus* Lucas, 1857, syn.n. are synonyms to *Pseudauletes luceus* (Gyllenhal, 1839).

***Pseudauletes (Eopseudauletes) mixtus* (Sharp, 1889)** (Fig. 9)

Rhynchites mixtus Sharp, 1889: 24

Distribution. Mexico.

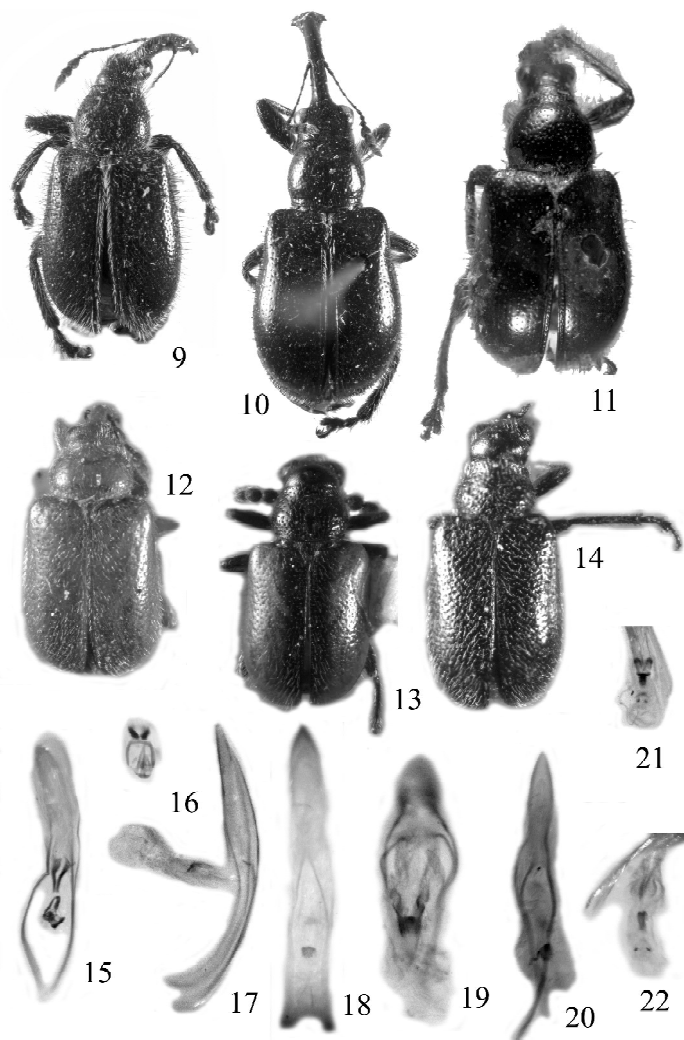
Remarks. The specimen is studied by the author – a female from the collection ZMHB with labels “*mixtus* Sh.”, “Mexico, J. Flohr G.”, “*Pseudauletes mixtus* Sharp”.

***Pseudauletes (Eopseudauletes) subelongatus* Voss, 1922** (Fig. 22)

Pseudauletes subelongatus Voss, 1922: 97

Distribution. Costa Rica.

Remarks. The specimen is studied by the author – a female from the collection SMTD with labels “Costa Rica, OO, Berlin-Wilm.”, “Surrubres, 3, A. Heyne”, “Samml. K.F. Hartmann, Ankauf 1941.1”, “Statl. Museum für Tierkunde, Dresden”, “*Pseudauletes subelongatus* m. Det. E. Voss” and male (SMTD) with labels “Costa Rica, OO, Berlin-



Figs. 9-22. Rhynchitidae gen. spp.: 9-14, body, dorsal view: 9 – *Pseudauletetes mixtus* (female), 10 – *P. modestus* (lectotype), 11 – *P. rufiventris* (lectotype), 12 – *Auletetes laticollis* (lectotype), 13 – *A. rufipennis* (holotype), 14 – *Cesauletetes viridis* (lectotype); 15-22, genitalia of male: 15 – *Zherichiniletus ponomarenkoi* sp.n. (aedeagus, holotype), 16 – *Auletobius fukienensis* (armament of the endophallus, lectotype), 17 – *Pseudomesauletetes klapperichi* (aedeagus, lectotype), 18 – *Pseudauletetes curvirostris* (aedeagus, holotype), 19 – *P. freiburgensis* (aedeagus, lectotype), 20 – *P. rufiventris* (aedeagus, lectotype), 21 – *P. championi* (armament of the endophallus), 22 – *P. subelongatus* (armament of the endophallus).

Wilm.”, “Surrubres, 3, A. Heyne”, “Samml. K.F. Hartmann, Ankauf 1941.1”, “Statl. Museum für Tierkunde, Dresden”.

***Pseudauletetes (Eopseudauletetes) modestus* Voss, 1936 (Fig. 10)**

Pseudauletetes modestus Voss, 1936: 286

Distribution. Mexico.

Remarks. The lectotype is designated by the author – a female from the collection ZMHB with labels “San Antonio, Chiapas, Türeckheim”, “Coll. I. W. Schaufuss”, “*Pseudauletetes modestus* n. sp.”, “SYNTYPUS *Pseudauletetes freiburgensis* Voss, 1936, labelled by MNHUB 2009”, “Lectotype *Pseudauletetes modestus* Voss, 1936, A. Legalov design. 2009”.

Subtribe *Pseudomesauletina* Legalov, 2003

Genus *Rhynchitobius* Sharp, 1889

Rhynchitobius Sharp, 1889: 26

Type species: *Rhynchitobius longicollis* Sharp, 1889

Remarks. This genus includes the American species with antennae located in first third of the rostrum.

Key to subgenera of genus *Rhynchitobius*

1. Elytral apex of males with hardly distinct matte stains without setae.

- Body naked, usually yellowy-brown or brown.....2
- Elytral apex of males with well distinct stains with setae. Body with setae.....4
2. Antennae inserted in the first quarter, closer to the rostrum middle. Rostrum long and thin. Eyes strongly convex. Body yellow, without metal lustre.....
.....*Gymnauletes*
- Antennae inserted more close to the rostrum basis. Rostrum shorter, wide behind place of antennal attachment.....3
3. Rostrum shorter, behind antennal attachment wide. Eyes weakly convex and body dark, with metal lustre.....*Amerauletes*
- Rostrum longer, behind antennal attachment narrower. Eyes stronger convex.....*Gymnauletobius*
4. Body dark, with rare setae.....*Colombletes*
- Body yellow- or red-brown, rarer brown, with more dense setae as a rule forming elytral drawing.....5
5. Body with dense, long setae. Mesotibiae strongly curved.....*Rhynchitobius* s.str.
- Body with more rare setae. Mesotibiae almost straight.*Hamiltoniauletes* s.str.

Subgenus *Gymnauletes* Legalov, 2001, stat.res.
Auletobius subgenus *Gymnauletes* Legalov, 2001: 38

Type species: *Auletes glaber* Faust, 1892

Remarks. *Rh. (G.) bicolor* (Voss, 1922), comb.n., *Rh. (G.) castaneus* (Voss, 1930), comb.n., *Rh. (G.) cognatus* (Voss, 1930), comb.n. from Brazil and *Rh. (G.) glaber* (Faust, 1892), comb.n. from Brazil, Colombia, Venezuela are assigned to this subgenus.

***Rhynchitobius (Gymnauletes) glaber* (Faust, 1892)**

Auletobius glaber Faust, 1892: 43

Distribution. Brazil, Colombia, Venezuela.

Remarks. The specimens are studied by the author – a male from the collection ZMHB with labels “green small square”, “Caracas Morih”, “344414”, “*pygmaeus* m.”, “*Auletobius glaber*

Fst.” and a female from the collection ZMHB with labels “Bmpis Nirm”, “344416”.

Subgenus *Gymnauletobius* Legalov, 2007, stat.n.

Gymnauletobius Legalov, 2007: 53

Type species: *Auletobius nitidus* Voss, 1922

Hamiltoniletes Legalov, 2007: 56, **syn.n.**

Type species: *Auletobius affinis* Sharp, 1890

Remarks. *Rh. (G.) affinis* (Sharp, 1890), comb.n. from Guatemala and Honduras, *Rh. (G.) kuscheli* (Voss, 1957), comb.n. from Bolivia, *Rh. (G.) nitidus* (Voss, 1922), comb.n. from Bolivia, *Rh. (G.) nudus* (Sharp, 1890), comb.n. from Colombia and Panama, *Rh. (G.) peruanus* (Legalov, 2007), comb.n. from Peru and *Rh. (G.) rostralis* (Sharp, 1890), comb.n. from Costa Rica, Guatemala, Honduras, Mexico and Panama are assigned to this subgenus.

Subgenus *Amerauletes* Legalov, 2007, placem.n.

Amerauletes Legalov, 2007: 53 Type species: *Auletobius tibialis* Faust, 1892

Remarks. There is monotypical subgenus with *Rh. (A.) tibialis* (Faust, 1892), comb.n. from Venezuela.

Subgenus *Colombletes* Legalov, 2007, placem.n.

Colombletes Legalov, 2007: 61

Type species: *Auletobius columbiensis* Voss, 1922

Remarks. There is monotypical subgenus with *Rh. (C.) columbiensis* (Voss, 1922), comb.n. from Colombia. This taxa is transitive between the genus *Rhynchitobius* and genus *Pseudomesauletes*.

Subgenus *Hamiltoniauletes* Legalov, 2001, stat.res.

Auletobius subgenus *Hamiltoniauletes* Legalov, 2001: 49

Type species: *Auletes cassandrae* LeConte, 1876

Remarks. *Rh. (H.) cassandrae* (LeConte, 1876), comb.n. from North America, *Rh. (H.)*

guadelupensis (Hustache, 1929), comb.n. from Guadeloupe, *Rh. (H.) hondurasensis* (Legalov, 2007), comb.n. from Honduras, *Rh. (H.) humeralis* (Boheman, 1859), comb.n. from USA, *Rh. (H.) oaxacus* (Legalov, 2007), comb.n. from Mexico, *Rh. (H.) optatus* (Sharp, 1890), comb.n. and *Rh. (H.) panamensis* (Legalov, 2007), comb.n. from Panama, *Rh. (H.) subseriepunctatus* (Voss, 1922), comb.n. from Mexico, *Rh. (H.) tabaci* (Voss, 1922), comb.n. from Brazil and *Rh. (H.) trifasciatus* (Suffrian, 1870), comb.n. from Cuba, Dominican Republic and Bahamas are assigned to this subgenus.

Subgenus *Rhynchitobius* s. str.

Remarks. There is monotypical subgenus with *Rh. (Rh.) longicollis* Sharp, 1889 from Panama.

Genus *Tanzanauletes* Legalov, 2010

Tanzanauletes hustachei (Dalla Torre & Voss, 1937)

Auletobius hustachei Dalla Torre & Voss, 1937: 26 [RN]

Auletobius orientalis Hustache, 1929a: 501 [non Lea, 1926]

Material. 1 female (RDP), Kenya, Eastern Nguni, N of Ngomeni, 30.XII.2007, Snizek.

Distribution. Kenya, Tanzania.

Remarks. This species is proven the first time for the fauna of Kenya.

Genus *Pseudomesauletes* Legalov, 2001

Subgenus *Afromesauletes* Legalov, 2003

Pseudomesauletes callosus - group

Pseudomesauletes (Afromesauletes) callosus (Voss, 1922)

Auletobius callosus Voss, 1922: 35

Auletobius togoensis f. *viridimicans* Voss, 1939: 48, syn.n.

Material. 1 male (MRAC), “Musée du Congo, Eala: VIII – 1930, J. Vrydagh”, “R. Dét. J 3890”, “*Auletobius callosus* m., Det. E. Voss”; 1 male

(MRAC), “Coll. Mus. Congo, Tshuapa: Flandria, IX – 1946 / VIII – 1947, Rév. P. Hulstaert”, “R. Dét. X 5790”, “*Auletobius callosus* Voss, Det. G.A.K. Marshall”, 1 female (ISNB), “Congo belge, Masua (Lubutu), 9-ix-1929, A. Collart”; 1 male (ISNB), “Congo belge, Lubutu: Masua, 10-ix-1929, A. Collart”.

Distribution. Cameroon, Guinea, Zaire.

Pseudomesauletes (Afromesauletes) conformis (Voss, 1922)

Auletobius conformis Voss, 1922: 110

Material. 3 ex. (MZLU, SZMN), Sierra Leone: S.L. Peninsula, Mac Donald, 13°04' W, 8°16' N, swept along roadside, 25.XI.1993, R. Danielsson, R. Hall; 1 female (MZLU), Guinea Bissau, Regia Cacheu, 12 km W of Sedengal, 1.XI.1992, M. Söderlund.

Distribution. Gabon, Guinea Bissau, Sierra Leone.

Remarks. This species is proven the first time for the faunae of Guinea Bissau and Sierra Leone.

Pseudomesauletes (Afromesauletes) togoensis (Voss, 1922)

Auletobius togoensis Voss, 1922: 109

Material. 1 male, 1 female (MZLU), Cameroon, 20 km S Kribi, 5 km S of Ilende Dibe, at small stream in primary forest, 2.I.1978, Gärdenfors, Hall, Danielsson; 2 males, 1 female (MCSN), “Rhubomp, Sierra Leone, v. d. Poll”.

Distribution. Cameroon, Guinea, Sierra Leone, Togo, Zaire.

Remarks. This species is proven the first time for the fauna of Sierra Leone.

Subgenus *Rubrauletes* Legalov, 2003

Pseudomesauletes (Rubrauletes) klapperichi (Voss, 1941) (Figs. 3, 17)

Auletobius klapperichi Voss, 1941: 241

Distribution. China (Fujian).

Remarks. The lectotype is designated by the author – a male from the collection ZFMK with labels “Shaowu - Fukien (500 m), J. Klapperich, 7.8. 1937”, “Type”, “*Auletobius Klapperichi* n.

sp.”, “Lectotype *Auletobius klapperichi* Voss, 1941, A. Legalov design. 2010”. Paralectotype – a female (ZFMK) with labels “Shaowu - Fukien (500 m), J. Klapperich, 14.6. 1937”, “Type”, “*Auletobius Klapperichi* n. sp.”, “Paralectotype *Auletobius klapperichi* Voss, 1941, A. Legalov design. 2010”.

Tribe Cesauletini Legalov, 2003

Genus *Cesauletes* Hamilton, 1983

Key to species of genus *Cesauletes*

1. Rostrum densely punctate. Frons pressed, densely punctate. Body with weak metal lustre. Beetles smaller. Length of body 1.9 mm.....
.....*A. viridis*

-. Rostrum sparsely punctate. Frons weakly convex or flat, without points or weakly punctate. Body without metal lustre. Beetles larger. Length of body 2.4-3.4 mm.....*A. nasalis*

***Cesauletes nasalis* (LeConte, 1876)** (Figs. 12-13)

Auletes nasalis LeConte, 1876: 412

Auletes laticollis Casey, 1888: 233

Auletes rufipennis Pierce, 1910: 327

Auletes mariposae Zimmerman, 1932: 181

Distribution. USA.

Remarks. The lectotype of *Auletes laticollis* is designated by the author – a female from the collection USNM with labels “Cal.”, “Casey, hegaest, 1925”, “TYPE USNM 36785”, “*Auletes laticollis* C”, “Lectotype *Auletes laticollis* Casey, 1888, A. Legalov design. 2010” and the holotype of *Auletes rufipennis* is studied by the author – a female from the collection USNM with labels “922”, “Los Angeles Co., Cal.”, “Collection Coquillett”, “*Auletes*”, “TYPE 12589 U.S.N.M.”, “*Auletes rufipennis* Pierce, Type”, “Holotype *Auletes rufipennis* Pierce, 1910, A. Legalov det. 2010”.

***Cesauletes viridis* (Pierce, 1910)** (Fig. 14)

Auletes viridis Pierce, 1910: 327

Distribution. USA.

Remarks. The lectotype is designated by the author – a male from the collection USNM with labels “July”, “Siskiyou Co., Cal.”, “TYPE No. 12588”, “*Auletes viridis* Pierce, Type”, “Lectotype *Auletes viridis* Pierce, 1910, A. Legalov design. 2010”.T

SUMMARY

A new species *Zherichiniletes ponomarenkoi* Legalov, **sp.n.** (Indonesia: Kalimantan) similar to *Zh. ovatus* (Philippines) is described. Seven new synonyms, *Auletobius fukienensis* Voss, 1941, **syn.n.** for *A. fumigatus* (Roelofs, 1874), *Nepseudauletes* Legalov, 2007, **syn.n.** for *Eopseudauletes* Legalov, 2007, *Pseudauletes freiburgensis* Voss, 1922, **syn.n.**, *P. nitens* Voss, 1930, **syn.n.** and *Rhynchites violaceus* Lucas, 1857, **syn.n.** for *Pseudauletes luceus* (Gyllenhal, 1839), *Hamiltoniletes* Legalov, 2007 **syn.n.** for *Gymnauletobius* Legalov, 2007, *Auletobius togoensis* f. *viridimicans* Voss, 1939, **syn.n.** for *Auletobius callosus* Voss, 1922; four new systematic placements, *Zherichiniletoides ovatus* (Voss, 1922), **placem.n.** from *Auletobius* Desbrochers des Loges, 1869 to *Zherichiniletoides* Legalov, 2007, *Auletobius (Auletobius) nigrolimbatus* (Peringuey, 1888), **placem.n.** from subgenus *Mandelschtamius* Legalov, 2003 of the genus *Pseudominurus* Voss, 1956 to subgenus *Auletobius* s.str. of the genus *Auletobius*, subgenus *Amerauletes* Legalov, 2007, **placem.n.** from the genus *Gymnauletobius* to the genus *Rhynchitobius* Sharp, 1889 and subgenus *Colombletes* Legalov, 2007, **placem.n.** from the genus *Pseudomesauletes* Legalov, 2001 to the genus *Rhynchitobius* Sharp, 1889; and 24 new combinations, *Zherichiniletes ovatus* (Voss, 1922), **comb.n.**, *Auletobius nigrolimbatus* (Peringuey, 1888), **comb.n.**, *Rhynchitobius bicolor* (Voss, 1922), **comb.n.**, *Rh. castaneus* (Voss, 1930), **comb.n.**, *Rh. cognatus* (Voss, 1930), **comb.n.**, *Rh. glaber* (Faust, 1892), **comb.n.**, *Rh. affinis* (Sharp, 1890), **comb.n.**, *Rh. kuscheli* (Voss, 1957), **comb.n.**, *Rh. nitidus* (Voss, 1922), **comb.n.**, *Rh. nudus* (Sharp, 1890), **comb.n.**, *Rh. peruanus*

(Legalov, 2007), **comb.n.**, *Rh. rostralis* (Sharp, 1890), **comb.n.**, *Rh. tibialis* (Faust, 1892), **comb.n.**, *Rh. columbiensis* (Voss, 1922), **comb.n.**, *Rh. cassandrae* (LeConte, 1876), **comb.n.**, *Rh. guadelupensis* (Hustache, 1929), **comb.n.**, *Rh. hondurasensis* (Legalov, 2007), **comb.n.**, *Rh. humeralis* (Boheman, 1859), **comb.n.**, *Rh. oaxacus* (Legalov, 2007), **comb.n.**, *Rh. optatus* (Sharp, 1890), **comb.n.**, *Rh. panamensis* (Legalov, 2007), **comb.n.**, *Rh. subseriepunctatus* (Voss, 1922), **comb.n.**, *Rh. tabaci* (Voss, 1922), **comb.n.** and *Rh. trifasciatus* (Suffrian, 1870), **comb.n.**) are presented. New localities for five species, *Auletobius fumigatus* (Roelofs, 1874) in Laos, *A. ghumensis* Legalov, 2007 in Nepal, *Tanzanauletes hustachei* (Dalla Torre & Voss, 1937) in Kenya, *Pseudomesauletes conformis* (Voss, 1922) in Guinea Bissau and Sierra Leone, *P. togoensis* (Voss, 1922) in Sierra Leone are recorded for the first time.

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