

## Checklist of Mesozoic Curculionoidea (Coleoptera) with description of new taxa

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129 species of the Curculionid-beetles are known from the Mesozoic (Obrieniidae – 7, Nemonychidae – 74, Ithyceridae – 29, Belidae – 4, Anthribidae – 2, Rhynchitidae – 3, Brentidae – 2, Curculionidae – 7, Scolytidae – 1). New genera *Cretoxenoides* Legalov, gen.n. (type species: *Cretoxenoides erdeniensis* Legalov, sp.n.), *Buryatnemonyx* Legalov, gen.n. (type species: *Buryatnemonyx gratshevi* Legalov, sp.n.), *Selengarhynchoides* Legalov, gen.n. (type species: *Selengarhynchoides sharyngolensis* Legalov, sp.n.), *Creterhirhinus* Legalov, gen.n. (type species: *Creterhirhinus kzyldzharensis* Legalov, sp.n.), *Archaralites* Legalov, gen.n. (type species: *Archaralites zherichini* Legalov, sp.n.), and new species *Oxycorynoides gurbanensis* Legalov, sp.n. (Mongolia, Lower Cretaceous), *Cretoxenoides erdeniensis* Legalov, sp.n. (Mongolia, Lower Cretaceous), *Buryatnemonyx gratshevi* Legalov, sp.n. (Buryatiya, Lower Cretaceous), *Selengarhynchoides sharyngolensis* Legalov, sp.n. (Mongolia, Lower Cretaceous), *Gobicar ulugeiensis* Legalov, sp.n. (Mongolia, Upper Jurassic - Lower Cretaceous), *Creterhirhinus kzyldzharensis* Legalov, sp.n. (Kazakhstan, Upper Cretaceous), *Archaralites zherichini* Legalov, sp.n. (Arhara, Upper Cretaceous - Palaeocene).

Key words: Coleoptera, Curculionoidea, Jurassic, Cretaceous, checklist, new taxa.

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### INTRODUCTION

The Curculionid-beetles have great importance in ecosystems. Transition of these beetles from development of generative organs to vegetative parts was a basis for differentiation of this group in the Mesozoic era. The basic groups of Curculionoidea were formed in Mesozoic era at first on proangiosperms and then on angiosperms. A study of Mesozoic Curculionid-

beetles is necessary for the decision of problems of evolution and a phylogeny of recent groups.

129 Curculionid-species (Obrieniidae – 7, Nemonychidae – 74, Ithyceridae – 29, Belidae – 4, Anthribidae – 2, Rhynchitidae – 3, Brentidae – 2, Curculionidae – 7, Scolytidae – 1) are known from the Mesozoic (6 species from the Triassic, 52 species from the Jurassic (51 from the Middle - Upper and 1 from Upper), 11 species from Upper Jurassic or Lower Cretaceous and 60 species from the Cretaceous (54 from Lower and 6 from

Upper)) (Arnoldi, 1977; Gratshev, 1998; Gratshev, Zherichin, 1995, 1996, 1997, 1999, 2000a, 2000b, 2003; Gratshev, Legalov, 2009, 2010; Kirejtshuk, Azar, Beaver, Mandelshtam, Nel, 2009; Kuschel, 1959, 1983; Kuschel, Poinar, 1993; Kuschel, Oberprieler, Rayner, 1994; Legalov, 2003, 2007, 2009a, 2009b, 2009c, 2009d; Liu, Ren, 2006, 2007; Liu, Ren, Shih, 2006; Liu, Ren, Tan, 2006; Martynov, 1926; Poinar, 2006, 2008, 2009; Poinar, Brown, 2009; Ponomarenko, Zherikhin, Kirejtshuk, 2004; Ren, 1995; Rheinheimer, 2004; Soriano, Gratshev, Delclòs, 2006; Soriano, 2009; Whalley, Jarzembowski, 1985; Zherichin, 1977, 1986, 1993; Zherichin, Gratshev, 1993, 1997, 2003, 2004).

## MATERIAL AND METHODS

The list of locations: Russia: Arhara - Amur Prov., Arharinsk District, bottom of an open-cast mine of the Arhara hill, Arhara station, Upper Cretaceous - Palaeocene, Maastrichtian - Danian; Baissa - Buryatiya (Buryat Republic), Bauntovo District (in papers, appears as Eravnoe District or Sosnovoozersk District), left bank of the Vitim River downstream of the Baissa River, Lower Cretaceous, Neocomian, Zaza Formation; Khasurtyi - Buryatiya (Buryat Republic), Zakamensk District, 10 km SSE Tsakir, Khasurtyi River, Lower Cretaceous, Neocomian; Khetana - Khabarovskii krai, Okhotsk District, upstream of mouth of Snezhny Creek, left bank of Khetana River (tributary of Ul'ya River), Lower Cretaceous, Middle Albian, Uchulikanskaya and Emanrinskaya Formations; Mongolia: Bontsagaan - Bayan-Khongor aymag, 8 km S Bontsagan-Nur Lake, foothill of Dund-Ula Range, Lower Cretaceous, ?Lower Aptian, Bontsagan series, Ulan-Argalant and Khurilt beds; Gurban-Ereny-Nuruu - Western Mongolia, Gobi-Altay aymag, SW of Ikhes-Nuur Lake and Darbi-Somon settlement, Lower Cretaceous, Lower Neocomian, Gurban-Eren Formation, Zereg Formation; Hutel-Hara - South-eastern Mongolia, Dorno-Gobi aymag, 70 km SE of Sain-Shand town, Khutel-Khara Mountain, Lower Cretaceous, Neocomian, Tsagaan-Tsav Formation; Khutuliyin-Khira - Umnu-Gobi aymag, 25 km S Mandal-Obo-Somon

settlement, Mushugay, Upper Jurassic - Lower Cretaceous, Ulugei Formation; Shar-Tolgoy - South Mongolia, Dorno-Gobi aymag, SE Ikh-Bogdo-Mount, 33 km N Bajan-Leg-Somon, Bayan-Khongor aymag, Mongolia, Lower Cretaceous, ?Lower Aptian, Bontsagan series, Shar-Tologoy Beds; Shar-Teg - South-western Mongolia, Gobi-Altay aymag, southeast of Adgh-Bogdo, southern Shar-Teg-Mountains, Upper Jurassic, Tithonian, Shar-Teg Sequence; Sharyn-Gol - North Mongolia, Selenga aymag, 45 km SE Darkhan town, Sharyn-Gol coal quarry, Lower Cretaceous, Middle Neocomian, Sharyn-Gol Formation; Erdeni-Uul - Ubur-Khangay aymag, 80 km E Hovd-Somon settlement, S slopes Erdeni-Ula mount, Lower Cretaceous, Middle Neocomian, Huhtyk Formation; Kazakhstan: Kenderlyk - East Kazakhstan Region, Zaysan District, left bank of Akkolka Creek in Kenderlyk River Basin, Upper Triassic, Norian - Rhaetian, Tologoy Formation; Karatau - South Kazakhstan, Chimkent Oblast, Algabass District, Kara-Tau Range, outcrops near villages of Kitaevka and Uspenovka, right bank of Kashkar-Ata River valley, Kara-Bas-Tau, Tchokhay, Mikhailovka, Galkino; Middle - Upper Jurassic, ?Oxfordian, Karabastau Formation; Kzyl-Dzhar - South Kazakhstan, Kzyl-Ordinskaya Region, Chiili District, NE spurs of Kara-Tau mountain range, Upper Cretaceous, Turonian; Kyrgyzstan: Madygen - Ost Region, Lyalyak District, south-western area of Madygen Triassic field; Middle - Upper Triassic, Ladian - Carnian, Madygen Formation; UK: Purbeck - South UK, Dorset, Isle of Portland, Suckthumb Quarry; Lower Cretaceous, Lower Berriasian, Purbeck Limestone Group, Lower Purbeck beds; Spain: Montsec - Lleida Province, Quarry near Rubies, Sta. Maria de Meia, Sierra del Montsec; Lower Cretaceous, Berriasian - Barremian, Calcaires lithographiques a Plantes et Vertebres de la Pedrera de Rubies Formation; Las Hoyas - Cuenca Province, 30 km E of Cuenca city; Lower Cretaceous, Hauterivian - Barremian; La Huerguina Formation; France: French amber - SW France Archingeay-Les Nouillers, Charente-Maritime, Lower Cretaceous, Albian; Lebanon: Lebanon amber - North Lebanon, South of Jezzín village, 30 km East of Saida Mt.; Lower Cretaceous, Middle Neocomian

-Lower Aptian, Chouf Sandstone Formation; Brazil: Santana - Northeast Brazil, southern margin of Chapada do Araripe; Lower Cretaceous, Aptian-Albian; Crato Formation; Chile: Magallanes - Gerro Guido, Magallanes, Upper Cretaceous, Maastrichtian; USA: New Jersey amber - Central New Jersey; Upper Cretaceous, Turonian, South Amboy Fire Clay, Raritan Formation; Botswana: Orapa - Central Botswana, Orapa diamond mine, Orapa, Upper Cretaceous, Cenomanian; China: Xiazhuang - West Beijing, Jingxi Basin; Lower Cretaceous, Aptian-Albian, Xiazhuang Formation; Yixian - Western Liaoning province, Lingyuan Country, 25 km SE of Beipiao city, Chaoyang, Daxinfangzi and Chaomidian villages; Upper Jurassic - Lower Cretaceous, Yixian Formation; Myanmar: Myanmar amber - Northern Myanmar (Burma), amber from Irravadi river basin; Upper Cretaceous, Cenomanian or Lower Cretaceous, Albian.

Figs. 4-6 have been made by V.G. Gratshev.

## RESULTS

### Family Obrieniidae Zherikhin & Gratshev, 1993

Obrieniidae Zherikhin & Gratshev, 1993: 51  
Type genus: *Obrienia* Zherikhin & Gratshev, 1993

### Subfamily Obrieniinae Zherikhin & Gratshev, 1993

Obrieniinae Zherikhin & Gratshev, 1993: 51  
Type genus: *Obrienia* Zherikhin & Gratshev, 1993

### Genus *Obrienia* Zherikhin & Gratshev, 1993

*Obrienia* Zherikhin & Gratshev, 1993: 51  
Type species: *Obrienia kuscheli* Zherikhin & Gratshev, 1993

### *Obrienia illaetabilis* Zherikhin & Gratshev, 1993

*Obrienia illaetabilis* Zherikhin & Gratshev, 1993: 56

*Obrienia illaetabilis*: Legalov, 2009c: 285

**Distribution.** Madygen.

### *Obrienia ingurgata* Zherikhin & Gratshev, 1993

*Obrienia ingurgata* Zherikhin & Gratshev, 1993: 55

*Obrienia ingurgata*: Legalov, 2009c: 285

**Distribution.** Madygen.

### *Obrienia kuscheli* Zherikhin & Gratshev, 1993

*Obrienia kuscheli* Zherikhin & Gratshev, 1993: 53

*Obrienia kuscheli*: Ponomarenko, 2002: 171

*Obrienia kuscheli*: Legalov, 2009: 285

**Distribution.** Madygen.

### Genus *Guillermia* Zherikhin & Gratshev, 1993

*Guillermia* Zherikhin & Gratshev, 1993: 52

Type species: *Guillermia lecticula* Zherikhin & Gratshev, 1993

### *Guillermia lecticula* Zherikhin & Gratshev, 1993

*Guillermia lecticula* Zherikhin & Gratshev, 1993: 57

*Guillermia lecticula*: Legalov, 2009c: 285

**Distribution.** Madygen.

### Subfamily Kararhynchinae Zherikhin & Gratshev, 1993

Kararhynchinae Zherikhin & Gratshev, 1993: 52

Type genus: *Kararhynchus* Zherikhin & Gratshev, 1993

### Tribe Kenderlykanini Legalov, 2009

Kenderlykanini Legalov, 2009c: 285

Type genus: *Kenderlyka* Zherikhin & Gratshev, 1993

### Genus *Madygenorhynchus* Zherikhin & Gratshev, 1993

*Madygenorhynchus* Zherikhin & Gratshev, 1993: 52

Type species: *Madygenorhynchus multifidus* Zherikhin & Gratshev, 1993

### *Madygenorhynchus multifidus* Zherikhin & Gratshev, 1993

*Madygenorhynchus multifidus* Zherikhin & Gratshev, 1993: 59

*Madygenorrhynchus multifidus*: Legalov, 2009c: 285

**Distribution.** Madygen.

**Genus *Kenderlyka* Zherikhin & Gratshev, 1993**

*Kenderlyka* Zherikhin & Gratshev, 1993: 52

Type species: *Kenderlyka consobrina* Zherikhin & Gratshev, 1993

***Kenderlyka consobrina* Zherikhin & Gratshev, 1993**

*Kenderlyka consobrina* Zherikhin & Gratshev, 1993: 60

*Kenderlyka consobrina*: Legalov, 2009c: 285

**Distribution.** Kenderlyk.

**Tribe *Kararhynchini* Zherikhin & Gratshev, 1993**

*Kararhynchinae* Zherikhin & Gratshev, 1993: 52

Type genus: *Kararhynchus* Zherikhin & Gratshev, 1993

**Genus *Kararhynchus* Zherikhin & Gratshev, 1993**

*Kararhynchus* Zherikhin & Gratshev, 1993: 52

Type species: *Kararhynchus occiduus* Zherikhin & Gratshev, 1993

***Kararhynchus occiduus* Zherikhin & Gratshev, 1993**

*Kararhynchus occiduus* Zherikhin & Gratshev, 1993: 62

*Kararhynchus occiduus*: Legalov, 2009c: 285

**Distribution.** Karatau.

**Family *Nemonychidae* Bedel, 1820**

*Nemonychidae* Bedel, 1820: 3

Type genus: *Nemonyx* Redtenbacher, 1845

**Subfamily *Eobelinae* L. Arnoldi, 1977**

*Eobelidae* L. Arnoldi, 1977: 144

Type genus: *Eobelus* L. Arnoldi, 1977

**Tribe *Eobelini* L. Arnoldi, 1977**

*Eobelidae* L. Arnoldi, 1977: 144

Type genus: *Eobelus* L. Arnoldi, 1977

**Genus *Archaeorrhynchoides* Legalov, 2009**

*Archaeorrhynchoides* Legalov, 2009c: 287

Type species: *Archaeorrhynchus paradoxopus* L. Arnoldi, 1977

***Archaeorrhynchoides latitarsis* (L. Arnoldi, 1977)**

*Archaeorrhynchus latitarsis* L. Arnoldi, 1977:

150

*Archaeorrhynchus latitarsis*: Soriano,

Gratshev, Delclòs, 2006: 564

*Archaeorrhynchus latitarsis*: Soriano, 2009: 104

*Archaeorrhynchus latitarsis*: Legalov, 2009b: 203

*Archaeorrhynchoides latitarsis*: Legalov, 2009c: 285

**Distribution.** Karatau.

***Archaeorrhynchoides paradoxopus* (L. Arnoldi, 1977)**

*Archaeorrhynchus paradoxopus* L. Arnoldi, 1977: 149

*Archaeorrhynchus paradoxopus*: Kuschel, 1983: 501

*Archaeorrhynchus paradoxopus*: Soriano, Gratshev, Delclòs, 2006: 564

*Archaeorrhynchus paradoxopus*: Soriano, 2009: 104

*Archaeorrhynchus paradoxopus*: Legalov, 2009b: 203

*Archaeorrhynchoides paradoxopus*: Legalov, 2009c: 285

**Distribution.** Karatau.

**Genus *Archaeorrhynchus* Martynov, 1926**

*Archaeorrhynchus* Martynov, 1926: 23

Type species: *Archaeorrhynchus tenuicornis* Martynov, 1926

***Archaeorrhynchus acutirostris* L. Arnoldi, 1977**

*Archaeorrhynchus acutirostris* L. Arnoldi, 1977: 148

*Archaeorrhynchus acutirostris*: Soriano,

Gratshev, Delclòs, 2006: 564

*Archaeorrhynchus acutirostris*: Soriano, 2009: 104

*Archaeorrhynchus acutirostris*: Legalov, 2009b: 203

**Distribution.** Karatau.

***Archaeorrhynchus tenuicornis* Martynov, 1926**

*Archaeorrhynchus tenuicornis* Martynov, 1926: 25

*Archaeorrhynchus tenuicornis*: L. Arnoldi, 1977: 148

*Archaeorrhynchus tenuicornis*: Kuschel, 1983: 500

*Archaeorrhynchus tenuicornis*: Soriano, Gratshev, Delclòs, 2006: 564

*Archaeorrhynchus tenuicornis*: Soriano, 2009: 104

*Archaeorrhynchus tenuicornis*: Legalov, 2009b: 203

**Distribution.** Karatau.

**Genus *Eobelus* L. Arnoldi, 1977**

*Eobelus* L. Arnoldi, 1977: 147

Type species: *Eobelus longipes* L. Arnoldi, 1977

***Eobelus longipes* L. Arnoldi, 1977**

*Eobelus longipes* L. Arnoldi, 1977: 147

*Eobelus longipes*: Soriano, Gratshev, Delclòs, 2006: 564

*Eobelus longipes*: Soriano, 2009: 104

*Eobelus longipes*: Legalov, 2009b: 203

**Distribution.** Karatau.

**Tribe Probelini Legalov, 2009**

Probelini Legalov, 2009c: 287

Type genus: *Probelus* L. Arnoldi, 1977

**Genus *Probelus* L. Arnoldi, 1977**

*Probelus* L. Arnoldi, 1977: 151

Type species: *Probelus curvispinus* L. Arnoldi, 1977

*Probelopsis* L. Arnoldi, 1977: 153; type species:

*Probelopsis acutiapex* L. Arnoldi, 1977

**Subgenus *Probelus* s. str.**

***Probelus (Probelus) acutiapex* (L. Arnoldi, 1977)**

*Probelopsis acutiapex* L. Arnoldi, 1977: 154

*Probelopsis acutiapex*: Soriano, Gratshev, Delclòs, 2006: 564

*Probelopsis acutiapex*: Soriano, 2009: 104

*Probelopsis acutiapex*: Legalov, 2009b: 203

*Probelus acutiapex*: Legalov, 2009c: 287

**Distribution.** Karatau.

***Probelus (Probelus) curvispinus* L. Arnoldi, 1977**

*Probelus curvispinus* L. Arnoldi, 1977: 151

*Probelus curvispinus*: Soriano, Gratshev, Delclòs, 2006: 564

*Probelus curvispinus*: Soriano, 2009: 104

*Probelus curvispinus*: Legalov, 2009b: 203

*Probelus curvispinus*: Legalov, 2009c: 287

**Distribution.** Karatau.

***Probelus (Probelus) longitarsus* L. Arnoldi, 1977**

*Probelus longitarsus* L. Arnoldi, 1977: 152

*Probelus longitarsus*: Soriano, Gratshev, Delclòs, 2006: 564

*Probelus longitarsus*: Soriano, 2009: 104

*Probelus longitarsus*: Legalov, 2009b: 203

*Probelus longitarsus*: Legalov, 2009c: 287

**Distribution.** Karatau.

**Subgenus *Probeloides* Legalov, 2009**

*Probeloides* Legalov, 2009c: 287

Type species: *Probelus tibialis* L. Arnoldi, 1977

***Probelus (Probeloides) tibialis* L. Arnoldi, 1977**

*Probelus tibialis* L. Arnoldi, 1977: 152

*Probelus tibialis*: Soriano, Gratshev, Delclòs, 2006: 564

*Probelus tibialis*: Soriano, 2009: 104

*Probelus tibialis*: Legalov, 2009b: 203

*Probelus tibialis*: Legalov, 2009c: 287

**Distribution.** Karatau.

**Genus *Arnoldibelus* Legalov, 2009**

*Arnoldibelus* Legalov, 2009c: 287

Type species: *Belonotarix karatavicus* L. Arnoldi, 1977

***Arnoldibelus karatavicus* (L. Arnoldi, 1977)**

*Belonotaris karatavicus* L. Arnoldi, 1977: 156  
*Belonotaris karatavicus*: Soriano, Gratshev, Delclòs, 2006: 564  
*Belonotaris karatavicus*: Soriano, 2009: 104  
*Belonotaris karatavicus*: Legalov, 2009b: 203  
*Arnoldibelus karatavicus*: Legalov, 2009c: 287

**Distribution.** Karatau.

**Tribe Oxycorynoidini L. Arnoldi, 1977**

Oxycorynoidinae L. Arnoldi, 1977: 159  
 Type genus: *Oxycorynoides* L. Arnoldi, 1977

**Genus *Ampliceps* L. Arnoldi, 1977**

*Ampliceps* L. Arnoldi, 1977: 166  
 Type species: *Ampliceps dentitibia* L. Arnoldi, 1977

***Ampliceps dentitibia* L. Arnoldi, 1977**

*Ampliceps dentitibia* L. Arnoldi, 1977: 16  
*Ampliceps dentitibia*: Soriano, Gratshev, Delclòs, 2006: 564  
*Ampliceps dentitibia*: Legalov, 2009b: 203

**Distribution.** Karatau.

***Ampliceps furcitibia* L. Arnoldi, 1977**

*Ampliceps furcitibia* L. Arnoldi, 1977: 167  
*Ampliceps furcitibia*: Soriano, Gratshev, Delclòs, 2006: 564  
*Ampliceps furcitibia*: Legalov, 2009b: 204

**Distribution.** Karatau.

**Genus *Belonotaris* L. Arnoldi, 1977**

*Belonotaris* L. Arnoldi, 1977: 154  
 Type species: *Belonotaris punctatissimus* L. Arnoldi, 1977

***Belonotaris punctatissimus* L. Arnoldi, 1977**

*Belonotaris punctatissimus* L. Arnoldi, 1977: 155  
*Belonotaris punctatissimus*: Soriano, Gratshev, Delclòs, 2006: 564  
*Belonotaris punctatissimus*: Soriano, 2009: 104  
*Belonotaris punctatissimus*: Legalov, 2009b: 203  
*Belonotaris punctatissimus*: Legalov, 2009c: 287

**Distribution.** Karatau.

**Genus *Belonotaroides* Legalov, 2009**

*Belonotaroides* Legalov, 2009c: 287  
 Type species: *Belonotaris lineatipunctatus* L. Arnoldi, 1977

***Belonotaroides lineatipunctatus* (L. Arnoldi, 1977)**

*Belonotaris lineatipunctatus* L. Arnoldi, 1977: 155  
*Belonotaris lineatipunctatus*: Soriano, Gratshev, Delclòs, 2006: 564  
*Belonotaris lineatipunctatus*: Soriano, 2009: 104  
*Belonotaris lineatipunctatus*: Legalov, 2009b: 204  
*Belonotaroides lineatipunctatus*: Legalov, 2009c: 287

**Distribution.** Karatau.

**Genus *Cratomacer* Zherichin & Gratshev, 2004**

*Cratomacer* Zherichin & Gratshev, 2004: 59  
 Type species: *Cratomacer immersus* Zherichin & Gratshev, 2004

***Cratomacer ephippiger* Zherichin & Gratshev, 2004**

*Cratomacer ephippiger* Zherichin & Gratshev, 2004: 61  
*Cratomacer ephippiger*: Soriano, Gratshev, Delclòs, 2006: 563  
*Cratomacer ephippiger*: Legalov, 2009b: 204

**Distribution.** Santana.

***Cratomacer immersus* Zherichin & Gratshev, 2004**

*Cratomacer immersus* Zherichin & Gratshev, 2004: 60  
*Cratomacer immersus*: Soriano, Gratshev, Delclòs, 2006: 563  
*Cratomacer immersus*: Legalov, 2009b: 204

**Distribution.** Santana.

**Genus *Khetanamonyx* Legalov, 2009**

*Khetanamonyx* Legalov, 2009c: 288  
 Type species: *Oxycorynoides crassirostris* Zherikhin, 1993

***Khetanamonyx crassirostris* (Zherikhin, 1993)**

*Oxycorynoides crassirostris* Zherikhin, 1993:  
21

*Oxycorynoides crassirostris*: Soriano,  
Gratshev, Delclòs, 2006: 563

*Khetanamonyx crassirostris*: Legalov, 2009c:  
288

**Distribution.** Khetana.

**Genus *Microprobelus* Liu, Ren, Shih, 2006**

*Microprobelus* Liu, Ren, Shih, 2006: 885

Type species: *Microprobelus liuae* Liu, Ren,  
Shih, 2006

***Microprobelus liuae* Liu, Ren, Shih, 2006**

*Microprobelus liuae* Liu, Ren, Shih, 2006: 886

*Microprobelus liuae*: Legalov, 2009b: 204

**Distribution.** Yixian.

**Genus *Oxycorynoides* L. Arnoldi, 1977**

*Oxycorynoides* L. Arnoldi, 1977: 159

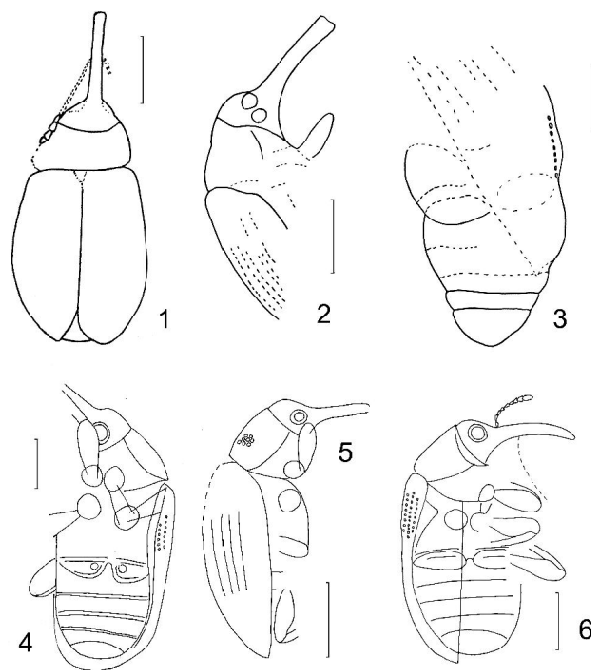
Type species: *Oxycorynoides similis* L.  
Arnoldi, 1977

**Subgenus *Oxycorynoides* s. str.**

***Oxycorynoides (Oxycorynoides) gurbanensis*  
Legalov, sp.n. (Fig. 2)**

**Material.** Holotype – ex. (PIN<sup>1</sup> 3149/980),  
Western Mongolia, Gobi-Altay aimag, SW of  
Ikhes-Nuur Lake and Darbi-Somon settlement,  
Lower Cretaceous, Lower Neocomian, Gurvan-  
Eren Formation, Zereg Formation.

**Description.** Body light brown. Rostrum long,  
5.48 times longer than the width, 1.47 times longer  
than pronotum, equal width on profemora. Frons  
convex, narrow. Eyes not large, almost round.  
Temples shorter than eye. Pronotum weakly  
elongated, with lateral carina. Disk, probably,  
largely punctate. Elytra weakly convex, with  
distinct striae. Intervals wide, possibly, weakly  
convex. Procoxa located near the prothorax basis.  
Precoxal part of the prothorax elongated.  
Metathorax wide. Femora weakly widened.  
Length of the extant part of body: 2.5 mm.



Figs. 1-6. Curculionoidea gen. spp.: 1 – *Buryatnemonyx gratshevi* (PIN<sup>1</sup> 5026/41), 2 – *Oxycorynoides gurbanensis* (PIN<sup>1</sup> 3149/980), 3 – *Archaralites zherichini* (PIN<sup>1</sup> 2055/34), 4 – *Selengarhynchoides sharyngolensis* (PIN<sup>1</sup> 4306/2), 5 – *Cretoxenoides erdenienseis* (PIN<sup>1</sup> 4300/1), 6 – *Gobicar ulugeienseis* (PIN<sup>1</sup> 4288/362). Scale 1.0 mm.

**Diagnosis.** This new species differs from *Oxycorynoides mongolicus* Zherikhin, 1986 by the stronger widened basis of the rostrum, smaller eyes and larger punctate pronotum.

**Etymology.** The name is derived from the location “Gurvan” – “gurvanensis”.

**Distribution.** Gurvan-Ereny-Nuruu.

***Oxycorynoides (Oxycorynoides) mongolicus* Zherikhin, 1986**

? *Oxycorynoides mongolicus* Zherikhin, 1986: 107

*Oxycorynoides mongolicus*: Soriano, Gratshev, Delclòs, 2006: 564

*Oxycorynoides mongolicus*: Legalov, 2009b: 204

**Distribution.** Gurvan-Ereny-Nuruu.

***Oxycorynoides (Oxycorynoides) ponomarenkoi* L. Arnoldi, 1977**

*Oxycorynoides ponomarenkoi* L. Arnoldi, 1977: 161

*Oxycorynoides ponomarenkoi*: Soriano, Gratshev, Delclòs, 2006: 564

*Oxycorynoides ponomarenkoi*: Legalov, 2009b: 204

**Distribution.** Karatau.

***Oxycorynoides (Oxycorynoides) rohdendorfi* L. Arnoldi, 1977**

*Oxycorynoides rohdendorfi* L. Arnoldi, 1977: 161

*Oxycorynoides rohdendorfi*: Soriano, Gratshev, Delclòs, 2006: 564

*Oxycorynoides rohdendorfi*: Legalov, 2009b: 204

**Distribution.** Karatau.

***Oxycorynoides (Oxycorynoides) similis* L. Arnoldi, 1977**

*Oxycorynoides similis* L. Arnoldi, 1977: 159

*Oxycorynoides similis*: Soriano, Gratshev, Delclòs, 2006: 564

*Oxycorynoides similis*: Legalov, 2009b: 204

**Distribution.** Karatau.

***Oxycorynoides (Oxycorynoides) zherichini* L. Arnoldi, 1977**

*Oxycorynoides zherichini* L. Arnoldi, 1977: 162

*Oxycorynoides zherichini* Soriano, Gratshev, Delclòs, 2006: 564

*Oxycorynoides zherichini*: Legalov, 2009b: 204

**Distribution.** Karatau.

**Subgenus *Pseudoxycorynoides* Legalov, 2009**

*Pseudoxycorynoides* Legalov, 2009c: 287

Type species: *Oxycorynoides brevipes* L. Arnoldi, 1977

***Oxycorynoides (Pseudoxycorynoides) brevipes* L. Arnoldi, 1977**

*Oxycorynoides brevipes* L. Arnoldi, 1977: 160

*Oxycorynoides brevipes*: Soriano, Gratshev, Delclòs, 2006: 564

*Oxycorynoides brevipes*: Legalov, 2009b: 204

*Oxycorynoides brevipes*: Legalov, 2009c: 287

**Distribution.** Karatau.

**Genus *Scelocamptus* L. Arnoldi, 1977**

*Scelocamptus* L. Arnoldi, 1977: 164

Type species: *Scelocamptus tenuirostris* L. Arnoldi, 1977

***Scelocamptus curvipes* L. Arnoldi, 1977**

*Scelocamptus curvipes* L. Arnoldi, 1977: 165

*Scelocamptus curvipes*: Soriano, Gratshev, Delclòs, 2006: 564

*Scelocamptus curvipes*: Legalov, 2009b: 204

**Distribution.** Karatau.

***Scelocamptus tenuirostris* L. Arnoldi, 1977**

*Scelocamptus tenuirostris* L. Arnoldi, 1977: 164

*Scelocamptus tenuirostris*: Soriano, Gratshev, Delclòs, 2006: 564

*Scelocamptus tenuirostris*: Legalov, 2009b: 204

**Distribution.** Karatau.

**Genus *Khetanamonyx* Legalov, 2009**

*Khetanamonyx* Legalov, 2009c: 288

Type species: *Belonotaris retardatus* Zherikhin, 1993

***Khetanamonyx retardatus* (Zherikhin, 1993)**

*Belonotaris (?) retardatus* Zherikhin, 1993: 21

*Belonotaris retardatus*: Soriano, Gratshev, Delclòs, 2006: 563



*Belonotaris retardatus*: Soriano, 2009: 104  
*Belonotaris retardatus*: Legalov, 2009b: 204  
*Khetanamony retardatus*: Legalov, 2009c: 288  
**Distribution.** Khetana.

**Tribe Karataucarini Legalov, 2009**

Karataucarini Legalov, 2009c: 288  
Type genus: *Karataucar* Legalov, 2009

**Genus *Karataucar* Legalov, 2009**

*Karataucar* Legalov, 2009c: 288  
Type species: *Oxycorynoides progressivus* L. Arnoldi, 1977

***Karataucar progressivus* (L. Arnoldi, 1977)**

*Oxycorynoides progressivus* L. Arnoldi, 1977: 163

*Oxycorynoides progressivus*: Soriano, Gratshev, Delclòs, 2006: 564

*Karataucar progressivus*: Legalov, 2009c: 288

**Distribution.** Karatau.

**Genus *Gratshevicar* Legalov, 2009**

*Gratshevicar* Legalov, 2009c: 288  
Type species: *Scelocamptus dubius* L. Arnoldi, 1977

***Gratshevicar dubius* (L. Arnoldi, 1977)**

*Scelocamptus dubius* L. Arnoldi, 1977: 165

*Scelocamptus dubius*: Soriano, Gratshev, Delclòs, 2006: 564

*Gratshevicar dubius*: Legalov, 2009c: 288

**Distribution.** Karatau.

**Tribe Nanophydini L. Arnoldi, 1977**

Nanophydinae L. Arnoldi, 1977: 173  
Type genus: *Nanophydes* L. Arnoldi, 1977

**Genus *Nanophydes* L. Arnoldi, 1977**

*Nanophydes* L. Arnoldi, 1977: 173  
Type species: *Nanophydes ovatus* L. Arnoldi, 1977

***Nanophydes ovatus* L. Arnoldi, 1977**

*Nanophydes ovatus* L. Arnoldi, 1977: 173

*Nanophydes ovatus*: Soriano, Gratshev, Delclòs, 2006: 564

*Nanophydes ovatus*: Soriano, 2009: 104

*Nanophydes ovatus*: Legalov, 2009b: 204

**Distribution.** Karatau.

**Subfamily Cretonemonychinae Gratshev & Legalov, 2009**

Cretonemonychinae Gratshev & Legalov, 2009: 412

Type genus: *Cretonemonyx* Gratshev & Legalov, 2009

**Genus *Pseudonemonyx* Gratshev & Legalov, 2009**

*Pseudonemonyx* Gratshev & Legalov, 2009: 412

Type species: *Cretonemonyx profligatus* Gratshev & Legalov, 2009

***Pseudonemonyx stupendus* Gratshev & Legalov, 2009**

*Pseudonemonyx stupendus* Gratshev & Legalov, 2009: 412

**Distribution.** Baissa.

**Genus *Cretonemonyx* Gratshev & Legalov, 2009**

*Cretonemonyx* Gratshev & Legalov, 2009: 412

Type species: *Cretonemonyx profligatus* Gratshev & Legalov, 2009

***Cretonemonyx longirostris* Gratshev & Legalov, 2009**

*Cretonemonyx longirostris* Gratshev & Legalov, 2009: 413

**Distribution.** Baissa.

***Cretonemonyx profligatus* Gratshev & Legalov, 2009**

*Cretonemonyx profligatus* Gratshev & Legalov, 2009: 413:

**Distribution.** Baissa.

**Subfamily Paleocartinae Legalov, 2003**

Paleocartini Legalov, 2003: 78

Type genus: *Paleocartus* Legalov, 2003

**Tribe Paleocartini Legalov, 2003**

Paleocartini Legalov, 2003: 78

Type genus: *Paleocartus* Legalov, 2003

**Genus *Paleocartus* Legalov, 2003**

*Paleocartus* Legalov, 2003: 78

Type species: *Brenthorrhinoides pubescens* Gratshev & Zherikhin, 1996

***Paleocartus pubescens* (Gratshev & Zherikhin, 1996)**

*Brenthorrhinoides pubescens* Gratshev & Zherikhin, 1996: 115

*Paleocartus pubescens*: Legalov, 2003: 78

*Brenthorrhinoides pubescens*: Liu, Ren, Tan, 2006: 607

*Brenthorrhinoides pubescens*: Soriano, Gratshev, Delclòs, 2006: 564

*Paleocartus pubescens*: Legalov, 2007: 29

*Paleocartus pubescens*: Legalov, 2009a: 121

*Paleocartus pubescens*: Legalov, 2009c: 288

**Distribution.** Karatau.

**Tribe Nebrenthorrhinini Legalov, 2007**

Nebrenthorrhinina Legalov, 2007: 34

Type genus: *Nebrenthorrhinus* Legalov, 2003

**Genus *Nebrenthorrhinus* Legalov, 2003**

*Nebrenthorrhinus* Legalov, 2003f: 89

Type species: *Nebrenthorrhinus lacasai* Gratshev & Zherikhin, 2000

***Nebrenthorrhinus lacasai* (Gratshev & Zherikhin, 2000)**

*Brenthorrhinoides lacasai* Gratshev & Zherikhin, 2000b: 41

*Nebrenthorrhinus lacasai*: Legalov, 2003: 89

*Brenthorrhinoides lacasai*: Liu, Ren, Tan, 2006: 607

*Brenthorrhinoides lacasai*: Soriano, Gratshev, Delclòs, 2006: 564

*Nebrenthorrhinus lacasai*: Legalov, 2007: 34

*Nebrenthorrhinus lacasai*: Legalov, 2009a: 122

*Nebrenthorrhinus lacasai*: Legalov, 2009c: 288

**Distribution.** Montsec.

**Subfamily Metrioxenoidinae Legalov, 2009**

Metrioxenoidinae Legalov, 2009c: 288

Type genus: *Metrioxenoides* Gratshev, Zherikhin, Jarzembowski, 1998

**Genus *Metrioxenoides* Gratshev, Zherikhin, Jarzembowski, 1998**

*Metrioxenoides* Gratshev, Zherikhin, Jarzembowski, 1998: 323

Type species: *Metrioxenoides pusillus*

Gratshev, Zherikhin, Jarzembowski, 1998

***Metrioxenoides pusillus* Gratshev, Zherikhin, Jarzembowski, 1998**

*Metrioxenoides pusillus* Gratshev, Zherikhin, Jarzembowski, 1998: 324

*Metrioxenoides pusillus*: Soriano, Gratshev, Delclòs, 2006: 564

*Metrioxenoides pusillus*: Legalov, 2009b: 206

*Metrioxenoides pusillus*: Legalov, 2009c: 289

**Distribution.** Purbeck.

**Genus *Megametrioxenoides* Gratshev & Legalov, 2009**

*Megametrioxenoides* Gratshev & Legalov, 2009: 413

Type species: *Megametrioxenoides longus*

Gratshev & Legalov, 2009

***Megametrioxenoides longus* Gratshev & Legalov, 2009**

*Megametrioxenoides longus* Gratshev & Legalov, 2009: 413

**Distribution.** Hutel-Hara.

**Genus *Medmetrioxenoides* Gratshev & Legalov, 2009**

*Medmetrioxenoides* Gratshev & Legalov, 2009: 414

Type species: *Medmetrioxenoides prodromus*

Gratshev & Legalov, 2009

***Medmetrioxenoides prodromus* Gratshev & Legalov, 2009**

*Medmetrioxenoides prodromus* Gratshev & Legalov, 2009: 414

**Distribution.** Karatau.

**Genus *Cretoxenoides* Legalov, gen.n. (Fig. 5)**

Type species: *Cretoxenoides erdeniensis*

Legalov, sp.n.

**Description.** Body brown. Rostrum long, longer than pronotum, narrower than profemora. Eyes round. Temples short. Pronotum with lateral carina. Disk largely punctate. Elytra weakly convex, with distinct striae. Intervals wide, flat.

Exterior margin of elytra straight line. Procoxa located near the prothorax basis. Abdomen convex. 1st and 2nd ventrites of almost equal length, narrow. Femora weakly widened. Length of body: 3.4 mm.

**Diagnosis.** This new genus differs from *Medmetrioxenoides* Gratshev and Legalov, 2009 by the rostrum thinner than tibiae, stronger convex body and largely punctate pronotum.

**Etymology.** The name is formed from the words “Cretaceous” and “Metrioxenoides”.

***Cretoxenoides erdeniensis* Legalov, sp.n.** (Fig. 5)

**Material.** Holotype – ?female (PIN <sup>1</sup> 4300/1), Mongolia, Ubur-Khangay ajmag, 80 km E Hovd-Somon settlement, S slopes Erdeni-Ula mount; Lower Cretaceous, Middle Neocomian, Huhtyk Formation.

**Description.** Body, judging from the chitin remains, dark brown. Rostrum long, 5.75 times longer than the width, little longer than pronotum, narrower than profemora. Frons flattened. Eyes not large, round. Temples shorter than eye. Pronotum weakly elongated, with lateral margin. Disk largely punctate. Elytra weakly convex, 3.36 times longer than pronotum, with distinct striae. Intervals wide, flat. Exterior margin of elytra straight line. Procoxa spherical, located near the prothorax basis. Precoxal part of the prothorax elongated. Metathorax wide. Abdomen convex. 1st and 2nd ventrites of almost equal length, narrow. Femora weakly widened. Length of body: 3.4 mm.

**Etymology.** The name is derived from the location “Erdeni” – “erdenensis”.

**Distribution.** Erdeni-Uul.

**Genus *Libanorhinus* Kuschel & Poinar, 1993**

*Libanorhinus* Kuschel & Poinar, 1993: 144

Type species: *Libanorhinus succinus* Kuschel & Poinar, 1993

***Libanorhinus succinus* Kuschel & Poinar, 1993**

*Libanorhinus succinus* Kuschel & Poinar, 1993: 144

*Libanorhinus succinus*: Soriano, Gratshev, Delclòs, 2006: 563

*Libanorhinus succinus*: Legalov, 2009b: 207

*Libanorhinus succinus*: Legalov, 2009c: 289

**Distribution.** Lebanon amber.

**Genus *Brasilnemonyx* Legalov, 2009**

*Brasilnemonyx* Legalov, 2009c: 289

Type species: *Brasilnemonyx zherichini* Legalov, 2009

***Brasilnemonyx zherichini* Legalov, 2009**

*Brasilnemonyx zherichini* Legalov, 2009c: 289

**Distribution.** Santana.

**Subfamily Selengarhynchinae Gratshev & Legalov, 2009**

Selengarhynchinae Gratshev & Legalov, 2009: 414

Type genus: *Selengarhynchus* Gratshev & Legalov, 2009

**Genus *Selengarhynchus* Gratshev & Legalov, 2009**

*Selengarhynchus* Gratshev & Legalov, 2009: 415

Type species: *Selengarhynchus ovalis* Gratshev & Legalov, 2009

***Selengarhynchus ovalis* Gratshev & Legalov, 2009**

*Selengarhynchus ovalis* Gratshev & Legalov, 2009: 415

**Distribution.** Sharyn-Gol.

**Genus *Selengarhynchoides* Legalov, gen.n.**

(Fig. 4)

Type species: *Selengarhynchoides sharyngolensis* Legalov, sp.n.

**Description.** Body light brown. Rostrum, probably, long, narrow. Frons convex. Eyes large. Temples short. Pronotum weakly elongated, with lateral carina. Disk largely and densely punctate. Elytra with distinct striae. Intervals wide. Points in striae large. Exterior margin of elytra curved. Procoxa near prothorax basis. Precoxal part of the prothorax elongated. Metathorax wide. Abdomen flattened. 1st and 2nd ventrites of almost equal length. 5th ventrite elongated. Femora weakly widened. Length of body: 5.5 mm.

**Diagnosis.** This new genus differs from *Selengarhynchus* Gratshev et Legalov, 2009 by the larger body (5.5 mm), thicker rostrum and larger points in elytral striae.

**Etymology.** The name is formed by addition of the ending “-ides” to “Selengarhynchus”.

***Selengarhynchoides sharyngolensis* Legalov, sp.n.** (Fig. 4)

**Material.** Holotype – ?male (PIN<sup>1</sup> 4306/2), North Mongolia, Selenga aймаг, 45 km SE Darkhan town, Sharyn-Gol coal quarry, Lower Cretaceous, Middle Neocomian, Sharyn-Gol Formation. Paratype – ?female (PIN<sup>1</sup> 4306/3), idem.

**Description.** Body light brown. Rostrum, probably, long, narrower than profemora. Frons convex. Eyes large, round. Temples shorter than eye. Pronotum weakly elongated, 1.87 times longer than head, with lateral carina. Disk largely and densely punctate. Elytra 3.0 times longer than pronotum, with distinct striae. Intervals wide, flat. Points in striae large. Exterior margin of the elytra curved. Epipleura distinct. Procoxa spherical, located near prothorax basis. Precoxal part of the prothorax elongated. Metathorax wide. Abdomen flattened. 1st and 2nd ventrites of almost equal length, narrow. 3rd ventrite narrower than 2nd ventrite. 4th ventrite narrower than 3rd ventrite. 5th ventrite little wider than 1st ventrite. Femora weakly widened. Length of body: 5.5 mm.

**Etymology.** The name is derived from the location “Sharyn-Gol” – “sharyngolensis”.

**Distribution.** Sharyn-Gol.

**Subfamily Eccoptarthrinae L. Arnoldi, 1977**

Eccoptarthrini L. Arnoldi, 1977: 169

Type genus: *Eccoptarthrus* L. Arnoldi, 1977

Procurculionini L. Arnoldi, 1977: 157; type

genus: *Procurculio* L. Arnoldi, 1977

Eccoptothoracini L. Arnoldi, 1977: 158; type

genus: *Eccoptothorax* L. Arnoldi, 1977

**Genus *Eccoptarthrus* L. Arnoldi, 1977**

*Eccoptarthrus* L. Arnoldi, 1977: 169

Type species: *Eccoptarthrus crassipes* L. Arnoldi, 1977

*Pseudobrenthorrhinus* Gratshev & Zherikhin, 1996: 114; type species: *Pseudobrenthorrhinus crassicornis* Gratshev & Zherikhin, 1996

***Eccoptarthrus crassicornis* (Gratshev & Zherikhin, 1996)**

*Pseudobrenthorrhinus crassicornis*

Gratshev & Zherikhin, 1996: 114

*Pseudobrenthorrhinus crassicornis*:

Soriano, Gratshev, Delclòs, 2006: 564

*Pseudobrenthorrhinus crassicornis*:

Legalov, 2009b: 209

*Eccoptarthrus crassicornis*: Legalov,

2009c: 289

**Distribution.** Karatau.

***Eccoptarthrus crassipes* L. Arnoldi, 1977**

*Eccoptarthrus crassipes* L. Arnoldi, 1977: 169

*Eccoptarthrus crassipes*: Soriano, Gratshev, Delclòs, 2006: 564

*Eccoptarthrus crassipes*: Legalov, 2009a: 121

*Eccoptarthrus crassipes*: Legalov, 2009c: 289

**Distribution.** Karatau.

***Eccoptarthrus magnus* (Gratshev & Zherikhin, 1996)**

*Pseudobrenthorrhinus magnus* Gratshev & Zherikhin, 1996: 114

*Pseudobrenthorrhinus magnus*: Soriano, Gratshev, Delclòs, 2006: 564

*Pseudobrenthorrhinus magnus*: Legalov, 2009b: 209

*Eccoptarthrus magnus*: Legalov, 2009c:

289

**Distribution.** Karatau.

***Eccoptarthrus tenuicornis* (Gratshev & Zherikhin, 1996)**

*Pseudobrenthorrhinus tenuicornis*

Gratshev & Zherikhin, 1996: 114

*Pseudobrenthorrhinus tenuicornis*:

Soriano, Gratshev, Delclòs, 2006: 564

*Pseudobrenthorrhinus tenuicornis*:

Legalov, 2009b: 209

*Eccoptarthrus tenuicornis*: Legalov,

2009c: 289

**Distribution.** Karatau.

**Genus *Procurculio* L. Arnoldi, 1977**

*Procurculio* L. Arnoldi, 1977: 157

Type species: *Procurculio fortipes* L. Arnoldi, 1977

*Eccoptothorax* L. Arnoldi, 1977: 158; type species: *Eccoptothorax latipennis* L. Arnoldi, 1977

***Procurculio fortipes* L. Arnoldi, 1977**

*Procurculio fortipes* L. Arnoldi, 1977: 157  
*Procurculio fortipes*: Gratshev & Zherikhin, 1995: 92

*Procurculio fortipes*: Soriano, Gratshev, Delclòs, 2006: 564

*Procurculio fortipes*: Legalov, 2009b: 209

**Distribution.** Karatau.

***Procurculio latipennis* (L. Arnoldi, 1977)**

*Eccoptothorax latipennis* L. Arnoldi, 1977: 158

*Procurculio latipennis*: Gratshev & Zherikhin, 1995: 92

*Procurculio latipennis*: Soriano, Gratshev, Delclòs, 2006: 564

*Procurculio latipennis*: Legalov, 2009b: 209

**Distribution.** Karatau.

***Procurculio pallens* Gratshev & Zherikhin, 1995**

*Procurculio pallens* Gratshev & Zherikhin, 1995: 93

*Procurculio pallens*: Soriano, Gratshev, Delclòs, 2006: 564

*Procurculio pallens*: Legalov, 2009b: 209

**Distribution.** Karatau.

**Subfamily Brentorrhiniinae L. Arnoldi, 1977**

Brentorrhiniinae L. Arnoldi, 1977: 171

Type genus: *Brentorrhhinus* L. Arnoldi, 1977

**Tribe Brentorrhinoidini Legalov, 2003**

Brentorrhinoidini Legalov, 2003f: 88

Type genus: *Brentorrhinoides* Gratshev & Zherikhin, 1996

**Genus *Brentorrhinoides* Gratshev & Zherikhin, 1996**

*Brentorrhinoides* Gratshev & Zherikhin, 1996: 119

Type species: *Brentorrhinoides mandibulatus* Gratshev & Zherikhin, 1996

***Brentorrhinoides mandibulatus***

**Gratshev & Zherikhin, 1996**

*Brentorrhinoides mandibulatus* Gratshev & Zherikhin, 1996: 115

*Brentorrhinoides mandibulatus*: Legalov, 2003: 88

*Brentorrhinoides mandibulatus*: Liu, Ren, Tan, 2006: 607

*Brentorrhinoides mandibulatus*: Soriano, Gratshev, Delclòs, 2006: 564

*Brentorrhinoides mandibulatus*: Legalov, 2007: 34

*Brentorrhinoides mandibulatus*: Legalov, 2009a: 121

*Brentorrhinoides mandibulatus*: Legalov, 2009c: 289

**Distribution.** Karatau.

***Brentorrhinoides robustus* Gratshev & Zherikhin, 1996**

*Brentorrhinoides robustus* Gratshev & Zherikhin, 1996: 115

*Paleocartus robustus*: Legalov, 2003: 78

*Brentorrhinoides robustus*: Liu, Ren, Tan, 2006: 607

*Brentorrhinoides robustus*: Soriano, Gratshev, Delclòs, 2006: 564

*Paleocartus robustus*: Legalov, 2007: 29

*Paleocartus robustus*: Legalov, 2009a: 121

*Brentorrhinoides robustus*: Legalov, 2009c: 289

**Distribution.** Karatau.

**Tribe Brentorrhinini L. Arnoldi, 1977**

Brentorrhinini L. Arnoldi, 1977: 171

Type genus: *Brentorrhhinus* L. Arnoldi, 1977

**Genus *Abrentorrhhinus* Legalov, 2009**

*Abrentorrhhinus* Legalov, 2009c: 290

Type species: *Brentorrhhinus brevirostris* Gratshev & Zherikhin, 1996

***Abrentorrhhinus brevirostris* (Gratshev & Zherikhin, 1996)**

*Brentorrhhinus brevirostris* Gratshev & Zherikhin, 1996: 115

*Brentorrhhinus brevirostris*: Soriano, Gratshev, Delclòs, 2006: 564

*Brentorrhhinus brevirostris*: Legalov, 2009b: 210

*Abrenthorrhinus breviostris*: Legalov, 2009c: 290

**Distribution.** Karatau.

**Genus *Brenthorrhinus* L. Arnoldi, 1977**  
*Brenthorrhinus* L. Arnoldi, 1977: 172  
 Type species: *Brenthorrhinus mirabilis* L. Arnoldi, 1977

***Brenthorrhinus mirabilis* L. Arnoldi, 1977**  
*Brenthorrhinus mirabilis* L. Arnoldi, 1977: 172  
*Brenthorrhinus mirabilis*: Gratshev & Zherikhin, 1996: 125-126  
*Brenthorrhinus mirabilis*: Ponomarenko, 2002: 181  
*Brenthorrhinus mirabilis*: Kuschel, 1983: 501  
*Brenthorrhinus mirabilis*: Soriano, Gratshev, Delclòs, 2006: 564  
*Brenthorrhinus mirabilis*: Legalov, 2009b: 210  
*Brenthorrhinus mirabilis*: Legalov, 2009c: 290  
**Distribution.** Karatau.

**Genus *Chinabrenthorrhinus* Legalov, 2009**  
*Chinabrenthorrhinus* Legalov, 2009c: 290  
 Type species: *Brenthorrhinus longidigitatus* Ren, 1995

***Chinabrenthorrhinus longidigitatus* (Ren, 1995)**  
*Brenthorrhinus longidigitatus* Ren, 1995: 90  
*Brenthorrhinus longidigitatus*: Soriano, Gratshev, Delclòs, 2006: 564  
*Brenthorrhinus longidigitatus*: Legalov, 2009b: 210  
*Brenthorrhinus longidigitatus*: Legalov, 2009c: 290  
**Distribution.** Xiazhuang.

**Genus *Gobibrenthorrhinus* Gratshev & Legalov, 2009**  
*Gobibrenthorrhinus* Gratshev & Legalov, 2009: 415  
 Type species: *Gobibrenthorrhinus gigas* Gratshev & Legalov, 2009

***Gobibrenthorrhinus gigas* Gratshev & Legalov, 2009**

*Gobibrenthorrhinus gigas* Gratshev & Legalov, 2009: 416

**Distribution.** Khutuliy-Khira.

**Subfamily *Distenorrhininae* L. Arnoldi, 1977**  
*Distenorrhinini* L. Arnoldi, 1977: 170  
 Type genus: *Distenorrhinus* L. Arnoldi, 1

**Genus *Buryatnemonyx* Legalov, gen.n.** (Fig. 1)  
 Type species: *Buryatnemonyx gratshevi* Legalov, sp.n.

**Description.** Body flattened. Rostrum long. Antennae attached before the rostrum middle, reaching the pronotum middle. Eyes not convex. Temples shorter than eye. Clava not compact. Pronotum strongly transversal, with the greatest width on the middle. Elytra wide. Femora weakly widened. Length of body: 4.1 mm.

**Diagnosis.** This new genus differs from *Distenorrhinus* L. Arnoldi, 1977 by antennae located before rostrum middle and narrow clava not distinct separated from funicle.

**Etymology.** The name is formed from the words “Buryatiya” and “Nemonyx”.

***Buryatnemonyx gratshevi* Legalov, sp.n.** (Fig. 1)  
**Material.** Holotype – ex. (PIN <sup>1</sup> 5026/41), Buryatiya (Buryat Republic), Zakamensk District, 10 km SSE Tsakir, Khasurtyi River.

**Description.** Body flattened dorsoventrally, black. Rostrum long, hardly narrowed to place of antennal attachment, further weakly widened to apex, 12.1 times longer than width, 2.43 times longer than pronotum. Antennae located before the rostrum middle. Head large, wider than length. Eyes large, not convex. Temples shorter than eye. Antennae long, reaching the pronotum middle. Funicle segments elongated. 7th segment of funicle similar to claval segments. Clava not compact, 1.75 times wider than funicle. 1st segment trapezoid. 2nd segment trapezoid, longer than 1st segment. 3rd segment tear-shaped. Pronotum transversal, 2.37 times wider than long. The greatest width on the middle. Elytra wide, 1.36 times longer than width, 4.86 times longer than pronotum. Elytra in humeri wider than

pronotum. Femora weakly widened. Length of body: 4.1 mm.

**Etymology.** This new species is named in honour of V.G. Gratshev.

**Distribution.** Khasurtyi.

**Genus *Distenorrhinus* L. Arnoldi, 1977**

*Distenorrhinus* L. Arnoldi, 1977: 170

Type species: *Distenorrhinus antennatus* L. Arnoldi, 1977

**Subgenus *Distenorrhinus* s. str.**

*Paroxycorynoides* L. Arnoldi, 1977: 168; type species: *Paroxycorynoides elegans* L. Arnoldi, 1977

***Distenorrhinus (Distenorrhinus)***

***angulatus* L. Arnoldi, 1977**

*Distenorrhinus angulatus* L. Arnoldi, 1977: 170

*Distenorrhinus angulatus*: Gratshev & Zherikhin, 1995: 85

*Distenorrhinus angulatus*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus angulatus*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Distenorrhinus)***

***antennatus* L. Arnoldi, 1977**

*Distenorrhinus antennatus* L. Arnoldi, 1977: 171

*Distenorrhinus antennatus*: Gratshev & Zherikhin, 1995: 86

*Distenorrhinus antennatus*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus antennatus*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Distenorrhinus)***

***arnoldii* Gratshev & Zherikhin, 1995**

*Distenorrhinus arnoldii* Gratshev & Zherikhin, 1995: 85

*Distenorrhinus arnoldii*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus arnoldii*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Distenorrhinus) elegans***

**(L. Arnoldi, 1977)**

*Paroxycorynoides elegans* L. Arnoldi, 1977: 168

*Paroxycorynoides elegans*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus elegans*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Distenorrhinus)***

***ocularis* Soriano, Gratshev, Delclòs, 2006**

*Distenorrhinus ocularis* Soriano, Gratshev, Delclòs, 2006: 562

**Distribution.** Montsec.

***Distenorrhinus (Distenorrhinus)***

***pallidirostris* Gratshev & Zherikhin, 1995**

*Distenorrhinus pallidirostris* Gratshev & Zherikhin, 1995: 85

*Distenorrhinus pallidirostris*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus pallidirostris*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Distenorrhinus)***

***rotundicollis* Gratshev & Zherikhin, 1995**

*Distenorrhinus rotundicollis* Gratshev & Zherikhin, 1995: 85

*Distenorrhinus rotundicollis*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus rotundicollis*: Legalov, 2009b: 210

**Distribution.** Karatau.

**Subgenus *Parabrenthorrhinus* Gratshev &**

***Zherikhin, 1996***

*Parabrenthorrhinus* Gratshev & Zherikhin, 1996: 85

Type species: *Distenorrhinus sinuatipes* Gratshev & Zherikhin, 1995

***Distenorrhinus (Parabrenthorrhinus)***

***sinuatipes* Gratshev & Zherikhin, 1995**

*Distenorrhinus sinuatipes* Gratshev & Zherikhin, 1995: 85

*Parabrenthorrhinus sinuatipes*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus sinuatipes*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Parabrenthorhinus) xavieri* (Zherichin & Gratshev, 2003)**

*Distenorrhinus xavieri* Zherichin & Gratshev, 2003: 70

*Distenorrhinus xavieri*: Soriano, Gratshev, Delclòs, 2006: 563

*Distenorrhinus xavieri*: Legalov, 2009b: 210

**Distribution.** Las Hoyas.

**Subgenus *Astenorrhinus* Gratshev & Zherikhin, 1995**

*Astenorrhinus* Gratshev & Zherikhin, 1995: 85

Type species: *Distenorrhinus elongatus* Gratshev & Zherikhin, 1995

***Distenorrhinus (Astenorrhinus) elongatus* Gratshev & Zherikhin, 1995**

*Distenorrhinus elongatus* Gratshev & Zherikhin, 1995: 85

*Distenorrhinus elongatus*: Gratshev, Zherikhin, 2003: 133

*Astenorrhinus elongatus*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus elongatus*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Distenorrhinus (Astenorrhinus) major* Gratshev & Zherikhin, 1995**

*Distenorrhinus major* Gratshev & Zherikhin, 1995: 85

*Astenorrhinus major*: Soriano, Gratshev, Delclòs, 2006: 564

*Distenorrhinus major*: Legalov, 2009b: 210

**Distribution.** Karatau.

**Genus *Megabrenthorhinus* Gratshev & Zherikhin, 1996**

*Megabrenthorhinus* Gratshev & Zherikhin, 1996:

Type species: *Megabrenthorhinus grandis* Gratshev & Zherikhin, 1996

***Megabrenthorhinus grandis* Gratshev & Zherikhin, 1996**

*Megabrenthorhinus grandis* Gratshev & Zherikhin, 1996: 115

*Megabrenthorhinus grandis*: Soriano, Gratshev, Delclòs, 2006: 564

*Megabrenthorhinus grandis*: Legalov, 2009b: 210

**Distribution.** Karatau.

***Megabrenthorhinus longicornis* Gratshev & Zherikhin, 1996**

*Megabrenthorhinus longicornis* Gratshev & Zherikhin, 1996: 115

*Megabrenthorhinus longicornis*: Soriano, Gratshev, Delclòs, 2006: 564

*Megabrenthorhinus longicornis*: Legalov, 2009b: 210

**Distribution.** Karatau.

**Genus *Microbrenthorhinus* Gratshev & Zherikhin, 2000**

*Microbrenthorhinus* Gratshev & Zherikhin, 2000b: 40

Type species: *Microbrenthorhinus martinezi* Gratshev & Zherikhin, 2000

***Microbrenthorhinus martinezi* Gratshev & Zherikhin, 2000**

*Microbrenthorhinus martinezi* Gratshev & Zherikhin, 2000b: 41

*Microbrenthorhinus martinezi*: Soriano, Gratshev, Delclòs, 2006: 564

*Microbrenthorhinus martinezi*: Soriano, 2009: 104

*Microbrenthorhinus martinezi*: Legalov, 2009b: 210

**Distribution.** Montsec.

**Subfamily *Cimberindinae* des Gozis, 1882**

*Cimberidae* des Gozis, 1882: 58

Type genus: *Cimberis* des Gozis, 1881

**Genus *Chinocimberis* Legalov, 2009**

*Chinocimberis* Legalov, 2009b: 205

Type species: *Brenthorhinoides angustipecteris* Liu, Ren, Tan, 2006



- Chinocimberis angustipeteris* (Liu, Ren, Tan, 2006)**  
*Brenthorrhinoides angustipeteris* Liu, Ren, Tan, 2006: 607  
*Chinocimberis angustipeteris*: Legalov, 2009b: 205  
**Distribution.** Yixian.
- Chinocimberis magnoculi* (Liu, Ren, Tan, 2006)**  
*Brenthorrhinoides magnoculi* Liu, Ren, Tan, 2006: 607  
*Chinocimberis magnoculi*: Legalov, 2009b: 205  
**Distribution.** Yixian.
- Subfamily Rhinorhynchinae Voss, 1922**  
Rhinorhynchini Voss, 1922: 2  
Type genus: *Rhinorhynchus* Sharp, 1882
- Tribe Mecomacerini Kuschel, 1994**  
Mecomacerini Kuschel, 1994: 576  
Type genus: *Mecomacer* Kuschel, 1954
- Genus *Renicimberis* Legalov, 2009**  
*Renicimberis* Legalov, 2009b: 206  
Type species: *Brenthorrhinoides latipeeteris* Liu, Ren, Tan, 2006
- Renicimberis latipeeteris* (Liu, Ren, Tan, 2006)**  
*Brenthorrhinoides latipeeteris* Liu, Ren, Tan, 2006: 607  
*Renicimberis latipeeteris*: Legalov, 2009b: 206  
**Distribution.** Yixian.
- Family Ithyceridae Schoenherr, 1823**  
Ithycerides Schoenherr, 1823: 1136  
Type genus: *Ithycerus* Schoenherr, 1823  
Pachyrhynchidae Kirby, 1837: 203; type genus: *Pachyrhynchus* Kirby, 1837
- Subfamily Mongolocarinae Gratshev & Legalov, 2010**  
Mongolocarinae Gratshev & Legalov, 2010: ?  
Type genus: *Mongolocar* Gratshev & Legalov, 2010
- Genus *Paleocar* Gratshev & Legalov, 2010**  
*Paleocar* Gratshev & Legalov, 2010: ?
- Type species: *Paleocar princeps* Gratshev & Legalov, 2010
- Paleocar princeps* Gratshev & Legalov, 2010**  
*Paleocar princeps* Gratshev & Legalov, 2010: ?  
**Distribution.** Shar-Tolgoy.
- Genus *Mongolocar* Gratshev & Legalov, 2010**  
*Mongolocar* Gratshev & Legalov, 2010: ?  
Type species: *Mongolocar orcinus* Gratshev & Legalov, 2010
- Mongolocar orcinus* Gratshev & Legalov, 2010**  
*Mongolocar orcinus* Gratshev & Legalov, 2010: ?  
**Distribution.** Shar-Tolgoy.
- Genus *Praecar* Gratshev & Legalov, 2010**  
*Praecar* Gratshev & Legalov, 2010: ?  
Type species: *Praecar stolidus* Gratshev & Legalov, 2010
- Praecar stolidus* Gratshev & Legalov, 2010**  
*Praecar stolidus* Gratshev & Legalov, 2010: ?  
**Distribution.** Karatau.
- Genus *Karacar* Gratshev & Legalov, 2010**  
*Karacar* Gratshev & Legalov, 2010  
Type species: *Karacar contractus* Gratshev & Legalov, 2010: ?
- Karacar contractus* Gratshev & Legalov, 2010**  
*Karacar contractus* Gratshev & Legalov, 2010: ?  
**Distribution.** Karatau.
- Genus *Baissacar* Gratshev & Legalov, 2010**  
*Baissacar* Gratshev & Legalov, 2010: ?  
Type species: *Baissacar passarius* Gratshev & Legalov, 2010
- Baissacar passarius* Gratshev & Legalov, 2010**  
*Baissacar passarius* Gratshev & Legalov, 2010: ?  
**Distribution.** Baissa.
- Subfamily Carinae Thompson, 1992**

Carinae Thompson, 1992: 882  
 Type genus: *Car* Blackburn, 1897  
 Carinae Zimmermann, 1994a: 449 [non  
 Thompson, 1992]; type genus: *Car* Blackburn,  
 1897  
 Carinae Kuschel, 1995: 18 [non Thompson,  
 1992, nec Zimmermann, 1994]; type genus: *Car*  
 Blackburn, 1897

**Supertribe Baissorhynchitae Zherikhin, 1993**

Baissorhynchini Zherikhin, 1993: 30  
 Type genus: *Baissorhynchus* Zherikhin, 1977

**Tribe Gobicarini Legalov, 2009**

Gobicarini Legalov, 2009c: 291  
 Type genus: *Gobicar* Gratshev & Zherikhin, 1999

**Genus *Gobicar* Gratshev & Zherikhin, 1999**

*Gobicar* Gratshev & Zherikhin, 1999: 40  
 Type species: *Gobicar ponomarenkoi* Gratshev  
 & Zherikhin, 1999

***Gobicar ponomarenkoi* Gratshev & Zherikhin,  
 1999**

*Gobicar ponomarenkoi* Gratshev & Zherikhin,  
 1999: 41  
*Gobicar ponomarenkoi*: Gratshev, Zherikhin,  
 2003: 131, 133  
*Gobicar ponomarenkoi*: Soriano, Gratshev,  
 Delclòs, 2006: 564  
*Gobicar ponomarenkoi*: Legalov, 2009a: 123  
*Gobicar ponomarenkoi*: Legalov, 2009c: 291

**Distribution.** Shar-Teg.

***Gobicar ulugeiensis* Legalov, sp.n. (Fig. 6)**

**Material.** Holotype – ?female (PIN<sup>1</sup> 4288/362),  
 Mongolia, Umnu-Gobi ajmag, 25 km S Mandal-  
 Obo-Somon settlement, Mushugay, Upper  
 Jurassic - Lower Cretaceous, Ulugei Formation.  
**Description.** Body dark brown. Rostrum long,  
 7.67 times longer than the width, 1.44 times longer  
 than pronotum, narrower than femora, weakly  
 curved. Antennae attached in first third of  
 rostrum. Frons weakly convex. Eyes large, round.  
 Temples shorter than eye. Antennae short.  
 Segments trapezoid. Clava not compact, shorter  
 and wider than funicle. 1st segment trapezoid.  
 2nd segment little longer than 1st segment. 3rd  
 segment elongated, equal on length to the

previous segments together taken. Pronotum  
 weakly elongated, with lateral carina. Disk  
 flattened, probably, small punctate. Elytra 3.2  
 times longer than pronotum, with distinct striae.  
 Intervals narrow, flat. Exterior margin of elytra  
 straight line. Procoxa spherical, located near the  
 prothorax basis. Precoxal part of prothorax weakly  
 elongated. Metepisternum narrow. Metathorax  
 wide. Abdomen flattened. 1st-4th ventrites of  
 almost equal length. 5th ventrite elongated.  
 Femora weakly widened. Length of body: 4.4 mm.  
**Diagnosis.** This new species is like to *Gobicar*  
*ponomarenkoi* Gratshev & Zherikhin, 1999 but  
 differs by larger sizes of body, more strongly  
 curved rostrum and longer 5th ventrite.  
 Etymology. The name is derived from the location  
 “Ulugei” – “ulugeiensis”.

**Distribution.** Khutuliy-Khira.

**Tribe Mesophyletini Poinar, 2006**

Mesophyletinae Poinar, 2006: 879  
 Type genus: *Mesophyletis* Poinar, 2006

**Genus *Mesophyletis* Poinar, 2006**

*Mesophyletis* Poinar, 2006: 879  
 Type species: *Mesophyletis calhouni* Poinar,  
 2006

***Mesophyletis calhouni* Poinar, 2006**

*Mesophyletis calhouni* Poinar, 2006: 880  
*Mesophyletis calhouni*: Legalov, 2009a: 124

**Distribution.** Myanmar amber.

**Tribe Baissorhynchini Zherikhin, 1993**

Baissorhynchini Zherikhin, 1993: 30  
 Type genus: *Baissorhynchus* Zherikhin, 1977

**Subtribe Abrocarina Legalov, 2009**

Abrocarina Legalov, 2009c: 291  
 Type genus: *Abrocar* Liu & Ren, 2006

**Genus *Abrocar* Liu & Ren, 2006**

*Abrocar* Liu & Ren, 2006: 62  
 Type species: *Abrocar brachyorhinos* Liu & Ren,  
 2006

***Abrocar brachyorhinos* Liu & Ren, 2006**

*Abrocar brachyorhinos* Liu & Ren, 2006: 64  
*Abrocar brachyorhinos*: Legalov, 2009a: 121

- Abrocar brachyorhinos*: Legalov, 2009c: 291  
**Distribution.** Yixian.
- Abrocar macilentus Liu & Ren, 2007**  
*Abrocar macilentus* Liu & Ren, 2007: 644  
*Abrocar macilentus*: Legalov, 2009a: 121  
*Abrocar macilentus*: Legalov, 2009c: 291  
**Distribution.** Yixian.
- Subtribe Baissorhynchina Zherikhin, 1993**  
Baissorhynchini Zherikhin, 1993: 30  
Type genus: *Baissorhynchus* Zherikhin, 1977
- Genus Cretonanophyes Zherikhin, 1977**  
*Cretonanophyes* Zherikhin, 1977: 178  
Type species: *Cretonanophyes longirostris* Zherikhin, 1977
- Cretonanophyes longirostris Zherikhin, 1977**  
*Cretonanophyes longirostris* Zherikhin, 1977: 178  
*Cretonanophyes longirostris*: Ponomarenko, 2002: 168  
*Cretonanophyes longirostris*: Kuschel, 1983: 501  
*Cretonanophyes longirostris*: Soriano, Gratshev, Delclòs, 2006: 564  
*Cretonanophyes longirostris*: Legalov, 2009a: 123  
**Distribution.** Baissa.
- Genus Cretocar Gratshev & Zherikhin, 2000**  
*Cretocar* Gratshev & Zherikhin, 2000a: 246  
Type species: *Cretocar luzzii* Gratshev & Zherikhin, 2000
- Cretocar luzzii Gratshev & Zherikhin, 2000**  
*Cretocar luzzii* Gratshev & Zherikhin, 2000a: 248  
*Cretocar luzzii*: Gratshev, Zherikhin, 2003: 133  
*Cretocar luzzii*: Grimaldi, Engel, 2005: 398  
*Cretocar luzzii*: Soriano, Gratshev, Delclòs, 2006: 563  
*Cretocar luzzii*: Legalov, 2009a: 123  
**Distribution.** New Jersey amber.
- Genus Emanrhynchus Zherikhin, 1993**  
*Emanrhynchus* Zherikhin, 1993: 31
- Type species: *Emanrhynchus lebedevi* Zherikhin, 1993
- Emanrhynchus lebedevi Zherikhin, 1993**  
*Emanrhynchus lebedevi* Zherikhin, 1993: 31  
*Emanrhynchus lebedevi*: Soriano, Gratshev, Delclòs, 2006: 563  
*Emanrhynchus lebedevi*: Legalov, 2009a: 123  
**Distribution.** Khetana.
- Genus Gratshevibelus Soriano, 2009**  
*Gratshevibelus* Soriano, 2009: 100  
Type species: *Gratshevibelus erici* Soriano, 2009
- Gratshevibelus erici Soriano, 2009**  
*Gratshevibelus erici* Soriano, 2009: 101  
*Gratshevibelus erici*: Legalov, 2009a: 123  
**Distribution.** French amber.
- Genus Montsecanomalus Soriano, Gratshev, Delclòs, 2006**  
*Montsecanomalus* Soriano, Gratshev, Delclòs, 2006: 558  
Type species: *Montsecanomalus zherichini* Soriano, Gratshev, Delclòs, 2006
- Subgenus Montsecanomalus s. str.**
- Montsecanomalus (Montsecanomalus) punctatus (Liu & Ren, 2007)**  
*Cretonanophyes punctatus* Liu & Ren, 2007: 645  
*Montsecanomalus punctatus*: Legalov, 2009a: 123  
*Montsecanomalus punctatus*: Legalov, 2009c: 291  
**Distribution.** Yixian.
- Montsecanomalus (Montsecanomalus) sorianoii Legalov, 2009**  
*Montsecanomalus sorianoii* Legalov, 2009c: 291  
*Montsecanomalus zherichini* Soriano, Gratshev, Delclòs, 2006: 559  
*Montsecanomalus zherichini*: Legalov, 2009a: 123  
**Distribution.** Montsec.
- Montsecanomalus (Montsecanomalus) zherichini (Liu & Ren, 2006)**  
*Cretonanophyes zherichini* Liu & Ren, 2006: 61

*Montsecanomalus zherichini*: Legalov, 2009a: 123

*Montsecanomalus zherichini*: Legalov, 2009c: 291

**Distribution.** Yixian.

**Subgenus *Leptocar* Liu & Ren, 2007**

*Leptocar* Liu & Ren, 2007: 642

Type species: *Leptocar polychaetus* Liu & Ren, 2007

***Montsecanomalus (Leptocar) polychaetus (Liu & Ren, 2007)***

*Leptocar polychaetus* Liu & Ren, 2007: 642

*Montsecanomalus polychaetus*: Legalov, 2009a: 123

*Montsecanomalus polychaetus*: Legalov, 2009c: 291

**Distribution.** Yixian.

**Subgenus *Hispanocarodes* Legalov, 2009**

*Hispanocarodes* Legalov, 2009c: 291

Type species: *Gobicar hispanicus* Gratshev & Zherikhin, 2000

***Montsecanomalus (Hispanocarodes) hispanicus* Gratshev & Zherikhin, 2000**

?Curculionioidea: family, genus, species uncertain: Zherikhin & Gratshev, 1997: 631  
*Gobicar hispanicus* Gratshev & Zherikhin, 2000b: 42

*Gobicar hispanicus*: Soriano, Gratshev, Delclòs, 2006: 564

*Gobicar hispanicus*: Legalov, 2009a: 123

*Montsecanomalus hispanicus*: Legalov, 2009c: 291

**Distribution.** Montsec.

**Subgenus *Rugosocar* Legalov, 2009**

*Rugosocar* Legalov, 2009c: 291

Type species: *Cretonanophyes rugosithorax* Gratshev & Zherikhin, 2000

***Montsecanomalus (Rugosocar) rugosithorax (Gratshev & Zherikhin, 2000)***

*Cretonanophyes rugosithorax* Gratshev & Zherikhin, 2000b: 43

*Cretonanophyes rugosithorax*: Soriano, Gratshev, Delclòs, 2006: 564

*Montsecanomalus rugosithorax*: Legalov, 2009a: 123

*Montsecanomalus rugosithorax*: Legalov, 2009c: 291

**Distribution.** Montsec.

**Genus *Baissorhynchus* Zherikhin, 1977**

*Baissorhynchus* Zherikhin, 1977: 176

Type species: *Baissorhynchus tarsalis* Zherikhin, 1977

***Baissorhynchus tarsalis* Zherikhin, 1977**

*Baissorhynchus tarsalis* Zherikhin, 1977: 177

*Baissorhynchus tarsalis*: Soriano, Gratshev, Delclòs, 2006: 563, 564

*Baissorhynchus tarsalis*: Legalov, 2009a: 124

**Distribution.** Baissa.

**Genus *Martinsnetoa* Zherichin & Gratshev, 2004**

*Martinsnetoa* Zherichin & Gratshev, 2004: 65

Type species: *Martinsnetoa dubia* Zherichin & Gratshev, 2004

***Martinsnetoa dubia* Zherichin & Gratshev, 2004**

*Martinsnetoa dubia* Zherichin & Gratshev, 2004: 66

*Martinsnetoa dubia*: Soriano, Gratshev, Delclòs, 2006: 563

*Martinsnetoa dubia*: Legalov, 2009a: 124

**Distribution.** Santana.

**Genus *Jarzebowski* Zherikhin & Gratshev, 1997**

*Jarzebowski* Zherikhin & Gratshev, 1997: 628

Type species: *Jarzebowski* *edmundi* Zherikhin & Gratshev, 1997

***Jarzebowski* *edmundi* Zherikhin & Gratshev, 1997**

*Jarzebowski* *edmundi* Zherikhin & Gratshev, 1997: 629

*Jarzebowski* *edmundi*: Gratshev & Zherikhin, 2000b: 44

*Jarzebowski* *edmundi*: Soriano, Gratshev, Delclòs, 2006: 564

*Jarzebowski* *edmundi*: Legalov, 2009a: 124

- Distribution.** Montsec.
- Genus *Hispanocar* Soriano, Gratshev, Delclòs, 2006**  
*Hispanocar* Soriano, Gratshev, Delclòs, 2006: 561  
Type species: *Hispanocar kseniae* Soriano, Gratshev, Delclòs, 2006
- Hispanocar kseniae* Soriano, Gratshev, Delclòs, 2006**  
*Hispanocar kseniae* Soriano, Gratshev, Delclòs, 2006: 561  
*Hispanocar kseniae*: Legalov, 2009a: 124
- Distribution.** Montsec.
- Supertribe Caritae Thompson, 1992**  
Carinae Thompson, 1992: 882  
Type genus: *Car* Blackburn, 1897  
Carinae Zimmermann, 1994a: 449 [non Thompson, 1992]; type genus: *Car* Blackburn, 1897  
Carinae Kuschel, 1995: 18 [non Thompson, 1992, nec Zimmermann, 1994]; type genus: *Car* Blackburn, 1897
- Tribe Carini Thompson, 1992**  
Carinae Thompson, 1992: 882  
Type genus: *Car* Blackburn, 1897  
Carinae Zimmermann, 1994a: 449 [non Thompson, 1992]; type genus: *Car* Blackburn, 1897  
Carinae Kuschel, 1995: 18 [non Thompson, 1992, nec Zimmermann, 1994]; type genus: *Car* Blackburn, 1897
- Tribe Chilecarini Legalov, 2009**  
Chilecarini Legalov, 2009a: 125  
Type genus: *Chilecar* Kuschel, 1992
- Subtribe incertae sedis**
- Genus *Auletomacer* Zherichin, 1993**  
*Auletomacer* Zherichin, 1993: 24  
Type species: *Auletomacer disruptus* Zherichin, 1993
- Auletomacer disruptus* Zherichin, 1993**  
*Auletomacer disruptus* Zherichin, 1993: 25
- Auletomacer disruptus*: Soriano, Gratshev, Delclòs, 2006: 563**  
*Auletomacer disruptus*: Soriano, 2009: 104  
*Auletomacer disruptus*: Legalov, 2009a: 127
- Distribution.** Khetana.
- Subfamily Ulyaninae Zherichin, 1993**  
Ulyanidae Zherichin, 1993: 26  
Type genus: *Ulyaniana* Zherichin, 1993
- Genus *Ulyaniana* Zherichin, 1993**  
*Ulyaniana* Zherichin, 1993: 27  
Type species: *Ulyaniana nobilis* Zherichin, 1993
- Ulyaniana excellens* Gratshev, 1998**  
*Ulyaniana excellens* Gratshev, 1998: 44  
*Ulyaniana excellens*: Gratshev, 1998: 44-45  
*Ulyaniana excellens*: Gratshev, Zherikhin, 2003: 133  
*Ulyaniana excellens*: Legalov, 2009a: 127
- Distribution.** Bon-Tsagaan.
- Ulyaniana nobilis* Zherichin, 1993**  
*Ulyaniana nobilis* Zherichin, 1993: 27  
*Ulyaniana nobilis*: Gratshev, 1998: 44  
*Ulyaniana nobilis*: Legalov, 2009a: 127
- Distribution.** Khetana.
- Subfamily Slonikinae Zherichin, 1977**  
Slonikinae Zherichin, 1977: 179  
Type genus: *Slonik* Zherichin, 1977
- Tribe Slonikini Zherichin, 1977**  
Slonikinae Zherichin, 1977: 179  
Type genus: *Slonik* Zherichin, 1977
- Genus *Slonik* Zherichin, 1977**  
*Slonik* Zherichin, 1977: 180  
Type species: *Slonik sibiricus* Zherichin, 1977
- Slonik sibiricus* Zherichin, 1977**  
*Slonik sibiricus* Zherichin, 1977: 180  
*Slonik sibiricus*: Legalov, 2009a: 128
- Distribution.** Baissa.
- Tribe Ulyaniscini Legalov, 2009**  
Ulyaniscini Legalov, 2009a: 128  
Type genus: *Ulyanisca* Gratshev, 1998
- Genus *Ulyanisca* Gratshev, 1998**

*Ulyanisca* Gratshev, 1998: 45  
Type species: *Ulyanisca dentipes* Gratshev, 1998

***Ulyanisca dentipes* Gratshev, 1998**

*Ulyanisca dentipes* Gratshev, 1998: 45  
*Ulyanisca dentipes*: Legalov, 2009a: 128

**Distribution.** Bon-Tsagaan.

**Family Belidae Schoenherr, 1826**

Belides Schoenherr, 1826: 73  
Type genus: *Belus* Schoenherr, 1823: 1137

**Subfamily Belinae Schoenherr, 1826**

Belides Schoenherr, 1826: 73  
Type genus: *Belus* Schoenherr, 1823: 1137

**Supertribe Pachyuritae Kuschel, 1959**

Pachyurini Kuschel, 1959b: 253  
Type genus: *Pachyura* Hope, 1833

**Tribe Pachyurini Kuschel, 1959**

Pachyurini Kuschel, 1959b: 253  
Type genus: *Pachyura* Hope, 1833

**Genus *Davidibelus* Zherichin & Gratshev, 2004**

*Davidibelus* Zherichin & Gratshev, 2004: 63  
Type species: *Davidibelus cearensis* Zherichin & Gratshev, 2004

***Davidibelus cearensis* Zherichin & Gratshev, 2004**

*Davidibelus cearensis* Zherichin & Gratshev, 2004: 64  
*Davidibelus cearensis*: Soriano, Gratshev, Delclòs, 2006: 563  
*Davidibelus cearensis*: Soriano, 2009: 104  
*Davidibelus cearensis*: Legalov, 2009d: 299

**Distribution.** Santana.

**Supertribe Belitae Schoenherr, 1826**

Belides Schoenherr, 1826: 73  
Type genus: *Belus* Schoenherr, 1823

**Tribe Belini Schoenherr, 1826**

Belides Schoenherr, 1826: 73  
Type genus: *Belus* Schoenherr, 1823

**Subtribe Belina Schoenherr, 1826**

Belides Schoenherr, 1826: 73  
Type genus: *Belus* Schoenherr, 1823: 1137

**Genus *Montsecbelus* Zherikhin & Gratshev, 1997**

*Montsecbelus* Zherikhin & Gratshev, 1997: 626  
Type species: *Eobelus solutus* Whalley & Jarzembowski, 1985

***Montsecbelus solutus* (Whalley & Jarzembowski, 1985)**

*Eobelus solutus* Whalley & Jarzembowski, 1985: 400  
*Montsecbelus solutus*: Gratshev & Zherikhin, 2000b: 44  
*Montsecbelus solutus*: Gratshev, Zherikhin, 2003: 133  
*Montsecbelus solutus*: Soriano, Gratshev, Delclòs, 2006: 564  
*Montsecbelus solutus*: Soriano, 2009: 104  
*Montsecbelus solutus*: Legalov, 2009d: 303

**Distribution.** Montsec.

**Subfamily Oxycoryninae Schoenherr, 1840**

Oxycorynides Schoenherr, 1840: 581  
Type genus: *Oxycorynus* Chevrolat, 1832

**Supertribe Oxycoryninae Schoenherr, 1840**

Oxycorynides Schoenherr, 1840: 581  
Type genus: *Oxycorynus* Chevrolat, 1832

**Oxycoryninae incertae sedis**

**Genus *Khetana* Zherikhin, 1993**

*Khetana* Zherikhin, 1993: 23  
Type species: *Khetana decapitata* Zherikhin, 1993

***Khetana decapitata* Zherikhin, 1993**

*Khetana decapitata* Zherikhin, 1993: 23  
*Khetana decapitata*: Soriano, Gratshev, Delclòs, 2006: 563  
*Khetana decapitata*: Soriano, 2009: 104  
*Khetana decapitata*: Legalov, 2009d: 313

**Distribution.** Khetana.

**Supertribe Aglycyderitae Wollaston, 1864**

Aglycyderidae Wollaston, 1864: 384  
Type genus: *Aglycyderes* Westwood, 1864

- Tribe Distenorrhinoidini Legalov, 2009**  
Distenorrhinoidini Legalov, 2009d: 313  
Type genus: *Distenorrhinoides* Gratshev & Zherikhin, 2000
- Genus *Distenorrhinoides* Gratshev & Zherikhin, 2000**  
*Distenorrhinoides* Gratshev & Zherikhin, 2000: 39  
Type species: *Distenorrhinoides simulator* Gratshev & Zherikhin, 2000
- Distenorrhinoides simulator* Gratshev & Zherikhin, 2000**  
*Distenorrhinoides simulator* Gratshev & Zherikhin, 2000: 39  
*Distenorrhinoides simulator*: Soriano, Gratshev, Delclòs, 2006: 564  
*Distenorrhinoides simulator*: Legalov, 2009d: 313  
**Distribution.** Montsec.
- Family Anthribidae Billberg, 1820**  
Anthribides Billberg, 1820: 39  
Type genus: *Anthribus* Geoffroy, 1762
- Subfamily Anthribinae Billberg, 1820**  
Anthribides Billberg, 1820: 39  
Type genus: *Anthribus* Geoffroy, 1762
- Tribe Cretanthribini Legalov, 2009**  
Cretanthribini Legalov, 2009c: 291  
Type genus: *Cretanthribus* Legalov, 2009
- Genus *Cretanthribus* Legalov, 2009**  
*Cretanthribus* Legalov, 2009c: 292  
Type species: *Anthribites cretaceus* Zherikhin, 1993
- Cretanthribus cretaceus* (Zherikhin, 1993)**  
*Anthribites cretaceus* Zherikhin, 1993: 29  
*Anthribites cretaceus*: Gratshev, Zherikhin, 2003: 132  
*Anthribites cretaceus*: Rheinheimer, 2004: 124  
*Anthribites cretaceus*: Soriano, Gratshev, Delclòs, 2006: 563  
*Cretanthribus cretaceus*: Legalov, 2009c: 292  
**Distribution.** Khetana.
- Subfamily Choraginae Kirby, 1819**  
Choragidae Kirby, 1819: 447  
Type genus: *Choragus* Kirby, 1819
- Genus *Cretochoragus* Soriano, Gratshev, Delclòs, 2006**  
*Cretochoragus* Soriano, Gratshev, Delclòs, 2006: 557  
Type species: *Cretochoragus pygmaeus* Soriano, Gratshev, Delclòs, 2006
- Cretochoragus pygmaeus* Soriano, Gratshev, Delclòs, 2006**  
*Cretochoragus pygmaeus* Soriano, Gratshev, Delclòs, 2006: 557  
*Cretochoragus pygmaeus*: Legalov, 2009c: 292  
**Distribution.** Montsec.
- Family Rhynchitidae Gistel, 1848**  
Rhynchitidae Gistel, 1848: 2  
Type genus: *Rhynchites*: Herbst, 1797 = (*Rhynchites* Schneider, 1791)
- Supertribe Rhinocartitae Voss, 1931**  
Rhinocartini Voss, 1931a: 162  
type genus: *Rhinocartus* Voss, 1922
- Tribe Sanyrevilleini Legalov, 2003**  
Sanyrevilleina Legalov, 2003: 85  
Type genus: *Sanyrevilleus* Gratshev & Zherikhin, 2000
- Subtribe Sanyrevilleina Legalov, 2003**  
Sanyrevilleina Legalov, 2003: 85  
Type genus: *Sanyrevilleus* Gratshev & Zherikhin, 2000
- Genus *Orapauletes* Legalov, 2009**  
*Orapauletes* Legalov, 2009c: 292  
Type species: *Orapauletes cretaceus* Legalov, 2009
- Orapauletes cretaceus* Legalov, 2009**  
*Orapauletes cretaceus* Legalov, 2009c: 292  
**Distribution.** Orapa.
- Genus *Sanyrevilleus* Gratshev & Zherikhin, 2000**  
*Sanyrevilleus* Gratshev & Zherikhin, 2000a: 244

Type species: *Sanyrevilleus grimaldii*  
Gratshev & Zherikhin, 2000

***Sanyrevilleus grimaldii* Gratshev &  
Zherikhin, 2000**  
*Sanyrevilleus grimaldii* Gratshev & Zherikhin,  
2000a: 245

*Sanyrevilleus grimaldii*: Legalov, 2003: 85  
*Sanyrevilleus grimaldii*: Legalov, 2007: 31  
*Sanyrevilleus grimaldii*: Legalov, 2009c: 292

**Distribution.** New Jersey amber.

**Genus *Zherichiniletes* Legalov, 2007**  
*Zherichiniletes* Legalov, 2007: 69  
Type species: *Zherichiniletes khetanus*  
Legalov, 2007

***Zherichiniletes khetanus* Legalov, 2007**  
Rhynchitini gen. et sp. indet: Zherichin,  
1993: 32  
*Zherichiniletes khetanus* Legalov, 2007:  
69

*Zherichiniletes khetanus*: Legalov,  
2009c: 292

**Distribution.** Khetana.

**Family Brentidae Billberg, 1820**  
Brenthides Billberg, 1820: 40  
Type genus: *Brenthus* Illiger, 1801 = *Brentus*  
Fabricius, 1787

**Subfamily Eurhynchinae Lacordaire, 1863**  
Eurhynchides Lacordaire, 1863: 527  
Type genus: *Eurynchus* Kirby, 1828

**Tribe Axeirodiellini Legalov, 2009**  
Axeirodiellini Legalov, 2009c: 292  
Type genus: *Axeirodiellus* Zhericin & Gratshev,  
2004

**Genus *Axeirodiellus* Zhericin & Gratshev,  
2004**  
*Axeirodiellus* Zhericin & Gratshev, 2004: 66  
Type species: *Axeirodiellus ruptus* Zhericin &  
Gratshev, 2004

***Axeirodiellus ruptus* Zhericin & Gratshev, 2004**  
*Axeirodiellus ruptus* Zhericin & Gratshev, 2004:  
67

*Axeirodiellus ruptus*: Legalov, 2009c: 292  
**Distribution.** Santana.

**Tribe Eurhynchini Lacordaire, 1863**  
Eurhynchides Lacordaire, 1863: 527  
Type genus: *Eurynchus* Kirby, 1828

**Genus *Orapaeus* Kuschel & Oberprieler,  
1994**  
*Orapaeus* Kuschel & Oberprieler, 1994: 139  
Type species: *Orapaeus cretaceus* Kuschel &  
Oberprieler, 1994

***Orapaeus cretaceus* Kuschel & Oberprieler,  
1994**  
*Orapaeus cretaceus* Kuschel & Oberprieler,  
1994: 140  
*Orapaeus cretaceus*: Gratshev, Zherikhin, 2003:  
134  
*Orapaeus cretaceus*: Legalov, 2009c: 293  
**Distribution.** Orapa.

**Family Curculionidae Latreille, 1802**  
Curculionites Latreille, 1802: 195  
Type genus: *Curculio* Linnaeus, 1758

**Subfamily Erirhininae Schoenherr, 1825**  
Erirhinides Schoenherr, 1825: 582  
Type genus: *Erirhinus* Schoenherr, 1825

**Tribe Cretuliini Legalov, 2009**  
Cretuliini Legalov, 2009c: 293  
Type genus: *Cretulio* Zherikhin, 1993

**Genus *Cretulio* Zherikhin, 1993**  
*Cretulio* Zherikhin, 1993: 33  
Type species: *Cretulio nucula* Zherikhin, 1993

***Cretulio nucula* Zherikhin, 1993**  
*Cretulio nucula* Zherikhin, 1993: 35  
*Cretulio nucula*: Gratshev, Zherikhin, 2003: 132,  
133  
*Cretulio nucula*: Legalov, 2009c: 293  
**Distribution.** Khetana.

**Erirhininae tribe incertae sedis**  
**Genus *Creterhirhinus* Legalov, gen.n.** (Figs. 7-  
10)



Type species: *Creterhirhinus kzyldzharensis* Legalov, sp.n.

**Description.** Body light brown. Head roundish. Rostrum long, widened to apex. Eyes no protruding from contour of the head. Pronotum weakly transversal, with punctate disk. Elytra convex, with distinct striae and narrow intervals. Abdomen convex. 1st and 2nd ventrites elongated. 3rd - 5th ventrites narrow. Length of body: 1.9 mm.

**Diagnosis.** This new genus differs from unique described cretaceous genus *Cretulio* Zherikhin, 1993 of subfamily Eriirhininae by the form of body, shorter rostrum and small sizes of body.

**Etymology.** The name is formed from the words "Cretaceous" and "Eriirhinus".

***Creterhirhinus kzyldzharensis* Legalov, sp.n.** (Figs. 7-10)

**Material.** Holotype – male (PIN<sup>1</sup> 2383/266), South Kazakhstan, Kzyl-Ordinskaya Region, Chiili District, NE spurs of Kara-Tau mountain range.

**Description.** Body light brown. Head roundish. Rostrum long, 5.33 times longer than width and equal on length to pronotum, widened to apex. Eyes no protruding from contour of the head. Pronotum weakly transversal, 1.09 times wider than length. Disk convex, punctate. Elytra convex, 2.11 times longer than width on the middle, 2.81 times longer than pronotum, with distinct striae. Points in striae large. Intervals narrow, convex. Abdomen convex, small punctate. 1st and 2nd ventrites elongated, approximately equal length. 3rd - 5th ventrites narrow. 2nd ventrite 1.55 times longer than 3rd ventrite. 4th ventrite little narrower than 3rd ventrite. 5th ventrite equal on width to 4th ventrite. Length of body: 1.9 mm.

**Etymology.** The name is derived from the location "Kzyl-Dzhar" – "kzyldzharensis".

**Distribution.** Kzyl-Dzhar.

#### **Subfamily Molytinae Schoenherr, 1823**

Molytides Schoenherr, 1823: 1142

Type genus: *Molytes* Schoenherr, 1823

#### **Genus *Gyrbykana* Zherikhin, 1993**

*Gyrbykana* Zherikhin, 1993: 36

Type species: *Gyrbykana curvipes* Zherikhin, 1993

#### ***Gyrbykana curvipes* Zherikhin, 1993**

*Gyrbykana curvipes* Zherikhin, 1993: 36

*Gyrbykana curvipes*: Legalov, 2009c: 293

**Distribution.** Khetana.

#### **Genus *Archaralites* Legalov, gen.n. (Fig. 3)**

Type species: *Archaralites zherichini* Legalov, sp.n.

**Description.** Body light. Elytra convex, with deep striae and wide intervals. Metathorax convex, punctate. Abdomen small and densely punctate. 1st and 2nd ventrites elongated. 3rd and 4th ventrites narrow. 5th ventrite elongated. Length of metathorax and abdomen: 3.6 mm.

**Diagnosis.** This new genus differs from *Gyrbykana* Zherikhin, 1993 by the dense punctate bottom, elongated 5th ventrite, convex metathorax and larger sizes of the body.

**Etymology.** The name is formed from the word "Archara".

#### ***Archaralites zherichini* Legalov, sp.n. (Fig. 3)**

**Material.** Holotype – male (PIN<sup>1</sup> 2055/34), Amur Prov., Arharinsk District, bottom of an open-cast mine of the Arhara hill, Arhara station.

**Description.** Body light. Elytra of bad safety. Striae deep, with small points. Intervals wide, convex, smooth. Metathorax convex, dense and largely punctate. Metacoxal cavities large oval. Abdomen small and densely punctate. Intervals convex. 1st and 2nd ventrites elongated, approximately equal length. 2nd and 4th ventrites narrow, approximately equal length, little wider than 3rd ventrite. 5th ventrite elongated, convex, longer than 3rd and 4th ventrites together taken. Length of metathorax and abdomen: 3.6 mm.

**Remarks.** The beetle is presented only by metathorax, abdomen and part of left elytra. The abdomen is weakly pressed shows on the male.

**Etymology.** This new species is named in honour of V.V. Zherichin.

**Distribution.** Arkhara.

#### **Subfamily Cryptorhynchinae Schoenherr, 1825**

Cryptorhynchinae Schoenherr, 1825

Type genus: *Cryptorhynchus* Illiger, 1807

#### **Genus *Paleocryptorhynchus* Poinar, 2009**

*Paleocryptorhynchus* Poinar, 2009: 587  
Type species: *Paleocryptorhynchus burmanus*  
Poinar, 2009

***Paleocryptorhynchus burmanus* Poinar, 2009**  
*Paleocryptorhynchus burmanus* Poinar, 2009: 587  
*Paleocryptorhynchus burmanus*: Legalov, 2009c: 293

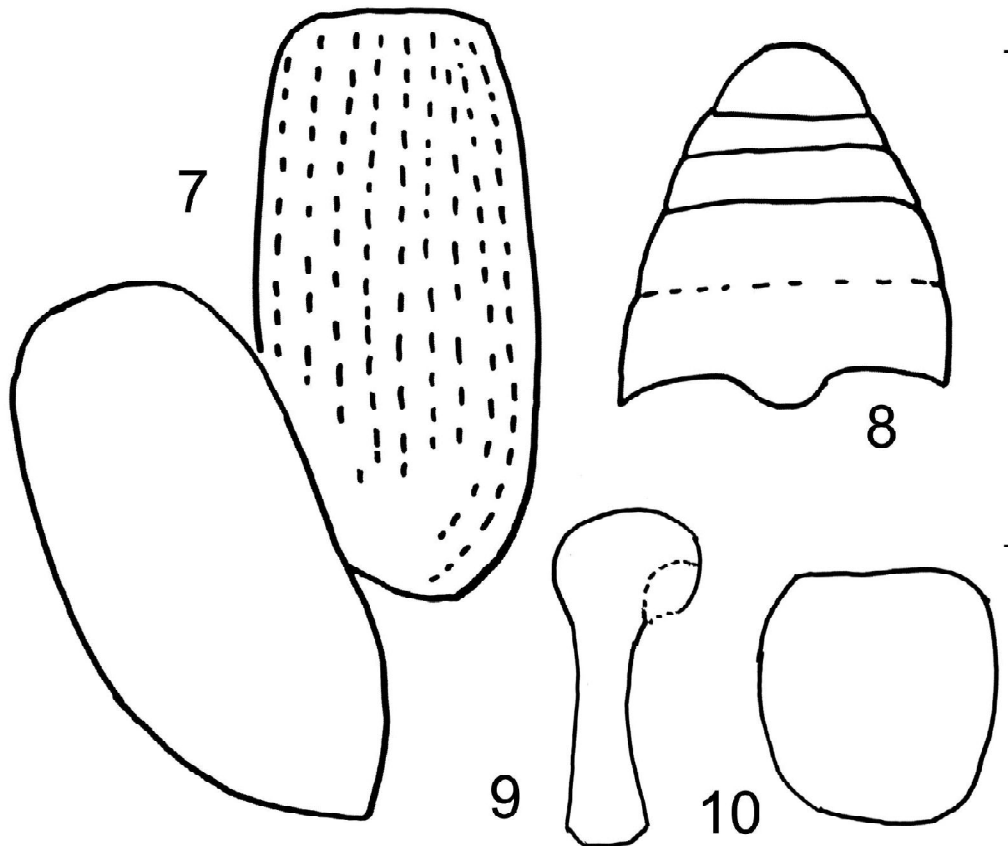
**Distribution.** Myanmar amber.

**Subfamily Curculioninae Latreille, 1802**  
Curculionites Latreille, 1802: 195  
Type genus: *Curculio* Linnaeus, 1758

**Genus *Anchineus* Poinar & Brown, 2009**  
*Anchineus* Poinar & Brown, 2009: 264  
Type species: *Anchineus dolichobothris* Poinar  
& Brown, 2009

***Anchineus dolichobothris* Poinar & Brown, 2009**  
*Anchineus dolichobothris* Poinar & Brown, 2009: 266  
*Anchineus dolichobothris*: Legalov, 2009c: 293  
**Distribution.** Myanmar amber.

**Subfamily Entiminae Schoenherr, 1823**  
Entimides Schoenherr, 1823: 1138  
Type genus: *Entimus* Germar, 1817



Figs. 7-10. *Creterhirhinus kzyldzharensis* (PIN<sup>1</sup> 2383/266): 7 – elytra, 8 – abdomen, 9 – rostrum and head, 10 – pronotum. Scale 1.0 mm.

**Tribe Cylydrorhinini Lacordaire, 1863**

Cylydrorhinides Lacordaire, 1863: 339

Type genus: *Cylydrorhinus* Guerin-Meneville, 1838

**Genus *Dorotheus* Kuschel, 1959**

*Dorotheus* Kuschel, 1959: 50

Type species: *Dorotheus guidensis* Kuschel, 1959

***Dorotheus guidensis* Kuschel, 1959**

*Dorotheus guidensis* Kuschel, 1959a: 50

*Dorotheus guidensis*: Gratshev, Zherikhin, 2003: 134

*Dorotheus guidensis*: Legalov, 2009c: 293

**Distribution.** Magallanes.

**Family Scolytidae Latreile, 1804**

Scolitarii Latreile, 1804: 156

Type genus: *Scolytus* Geoffroy, 1762

**Subfamily Scolytinae Latreile, 1804**

Scolitarii Latreile, 1804: 156

Type genus: *Scolytus* Geoffroy, 1762

**Tribe Cyliandrobrotoni Kirejtshuk, Azar,**

**Beaver, Mandelshtam & Nel, 2009**

Cyliandrobrotoni Kirejtshuk, Azar, Beaver, Mandelshtam & Nel, 2009: 102

Type genus: *Cyliandrobrotonus* Kirejtshuk, Azar, Beaver, Mandelshtam & Nel, 2009

**Genus *Cyliandrobrotonus* Kirejtshuk, Azar,**

**Beaver, Mandelshtam & Nel, 2009**

*Cyliandrobrotonus* Kirejtshuk, Azar, Beaver, Mandelshtam & Nel, 2009: 105

Type species: *Cyliandrobrotonus pectinatus* Kirejtshuk, Azar, Beaver, Mandelshtam & Nel, 2009

***Cyliandrobrotonus pectinatus* Kirejtshuk, Azar, Beaver, Mandelshtam & Nel, 2009**

*Cyliandrobrotonus pectinatus* Kirejtshuk, Azar, Beaver, Mandelshtam & Nel, 2009: 105

*Cyliandrobrotonus pectinatus*: Alonso-Zarazaga, Lyal, 2009: 49

*Cyliandrobrotonus pectinatus*: Legalov, 2009c: 293

**Distribution.** Lebanon amber.

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