

## New records and preliminary list of Curculionoidea (Coleoptera) in Pakistan

### Новые находки и предварительный список Curculionoidea (Coleoptera) Пакистана

Z. Ahmed\*, A.A. Legalov\*\*

З. Ахмед\*, А.А. Легалов\*\*

\* Department of Zoology, Federal Urdu University of Arts, Sciences and Technology, Karachi, Pakistan. E-mail: zbrahmed36@gmail.com.

\*\* Кафедра зоологии, Федеральный университет искусств Урду, Пакистан.

\*\* Institute of Systematics and Ecology of Animals, Russian Academy of Sciences, Siberian Branch, Frunze Str. 11, Novosibirsk 630091 Russia. E-mail: fossilweevils@gmail.com.

\*\* Институт систематики и экологии животных СО РАН, ул. Фрунзе 11, Новосибирск 630091 Россия.

**Key words:** Curculionoidea, Rhynchitidae, Brentidae, Curculionidae, new records, distribution, checklist, Pakistan.

**Ключевые слова:** Curculionoidea, Rhynchitidae, Brentidae, Curculionidae, новые находки, распространение, список, Пакистан.

**Abstract.** A list of 331 species of weevils (Rhynchitidae, Attelabidae, Brentidae and Curculionidae) of Pakistan is presented. *Aplemonus arabicus* (Wagner, 1909), *Menecleonus anxius* (Gyllenhal, 1834), *Conorhynchus verecundus* (Faust, 1904), *Acythopeus curvirostris* (Boheman, 1844), *Pachytychius obscuricollis* Voss, 1959, *Sitona fairmairei* Allard, 1869, *Myllocerus benignus* Faust, 1892, and *Myllocerus scitus* Voss, 1942 are recorded in Pakistan for the first time.

**Резюме.** Составлен список долгоносикообразных жуков (Rhynchitidae, Attelabidae, Brentidae and Curculionidae) Пакистана, включающий 331 вид. *Aplemonus arabicus* (Wagner, 1909), *Menecleonus anxius* (Gyllenhal, 1834), *Conorhynchus verecundus* (Faust, 1904), *Acythopeus curvirostris* (Boheman, 1844), *Pachytychius obscuricollis* Voss, 1959, *Sitona fairmairei* Allard, 1869, *Myllocerus benignus* Faust, 1892 и *Myllocerus scitus* Voss, 1942 приводятся для Пакистана впервые.

Species diversity of beetle superfamily Curculionoidea in Pakistan is still poorly known. The first and perhaps only serious attempt of describing at least part of the weevils of this country were made by Marshall [1916] in the series «Fauna of British India», but this work was just preliminary and is now well out of date. Since that time were published several papers on various taxa which only marginally included Pakistan, mainly dealing with weevils from Iran, Afghanistan and India [Voss, 1957, 1959a, b, 1960a, b, 1961, 1963, 1964; Supare et al., 1990; Ramamurthy, Ayri, 2010; Ramamurthy, Ghai, 1989; Ramamurthy, Supare, 1990]. Aslam [1961, 1966a, b, 1969] published some papers on Tanymericinae genera, on *Leptomias* Faust, 1886, and *Parisomias* Faust, 1897 from Indo-Pakistan region from where he described a few new species and draw up keys to

species of *Leptomias*, *Parisomias*, *Achlainomus* Waterhouse, 1853 and *Strophosomoides* Aslam, 1966 occurring or potentially occurring in Pakistan. Chaudhary et al. [1966] drew up an inventory of Curculionidae of Pakistan, reporting only 42 species from the country, most only named to generic level. The list of Curculionidae from Pakistan by Hashmi and Tashfeen [1992] quotes very small number of species. However, a contribution exclusively dedicated clarify the diversity of the weevils of Pakistan, so that our knowledge of weevils occurring in Pakistan is very poor.

The world catalogue of the genera of weevils by Zarazaga and Lyal [1999, 2002] gives just some incomplete information about the occurrence of some genera in Pakistan. We provide here an annotated list of weevils recently collected in Pakistan, being some of them recorded from the country for the first time.

It is worthy to point out that further field researches, in addition to inventories of existing collections, are needed to achieve a more precise knowledge of these beetles in Pakistan. This checklist of weevils of this country would facilitate further researches on this diverse group, comprising also several pests of cultivated trees and crops.

The majority of species are deposited in the Federal Urdu University of Arts.

The list of 331 species from 171 genera, 52 tribes, 16 subfamilies and 5 families of Curculionoidea (without Scolytidae) are presented for territory of Pakistan. The known published records [Voss, 1960a, 1964; Aslam, 1961, 1966a, 1966b, 1969; Chaudhry et al., 1966; Supare et al., 1990; Hashmi, Tashfeen, 1992; Rizvi et al., 2002, 2006; Ahmed et al., 2006, 2009, 2014a, b] are included in the list.

### Preliminary list of weevils for the territory of Pakistan

- Anthribidae Billberg, 1820  
 Anthribinae Billberg, 1820  
 Platystomini Pierce, 1916  
*Litotropis* sp.  
*Phloeobius alternans* (Wiedemann, 1819)
- Xenocerini Lacordaire, 1866  
*Xenocerus rectilineatus* Jordan, 1894
- Rhynchitidae Gistel, 1856  
 Rhynchitinae Gistel, 1856  
 Auletini Desbrochers, 1908  
 Pseudomesauletina Legalov, 2003  
*Pseudomesauletes longicollis* (Faust, 1898)
- Deporaini Voss, 1929  
*Caenorhinus marginatus* (Pascoe, 1883)  
*C. robertsi* (Voss, 1935)
- Rhynchitini Gistel, 1856  
 Rhynchitina Gistel, 1856  
*Pilosoinvolvulus densatus* (Voss, 1969), new record  
*P. solutus* (Faust, 1886)
- Attelabidae Billberg, 1820  
 Attelabinae Billberg, 1820  
 Attelabini Billberg, 1820  
 Paramacolabina Legalov, 2003  
*Paramacolabus feae* (Faust, 1894)
- Apoderinae Jekel, 1860  
 Clitostyliini Voss, 1926  
 Allapoderina Legalov, 2003  
*Allapoderus manaliensis* (Voss, 1920)  
*Pseudallapoderus sissus* (Marshall, 1913)
- Hoplapoderini Voss, 1926  
 Hoplapoderina Voss, 1926  
*Paroplapoderus lefroyi* (Marshall, 1913)  
*Hoplapoderus echinatus* (Gyllenhal, 1833)  
*H. gemmatus* (Thunberg, 1784)  
*Agomadaranus bihumeratus* (Jekel, 1860)
- Apoderini Jekel, 1860  
 Leptapoderina Legalov, 2003  
*Leptapoderus proximus* (Voss, 1929)  
*Paracompsus bistrisolatus* (Faust, 1898)  
*P. seclusus* (Faust, 1898)  
*Korotyaevirhinus notatus* (Fabricius, 1792)  
*Microcorynus blandus* (Faust, 1894)
- Centrocorynina Legalov, 2003  
*Centrocorynus scutellaris* (Gyllenhal, 1833)
- Cycnotrachelina Legalov, 2003  
*Paracycnotrachelus cygneus* (Fabricius, 1801)  
*P. brachmanus* Voss, 1924
- Brentidae Billberg, 1820  
 Apioninae Schoenherr, 1823  
 Ceratapiini Alonso-Zarazaga, 1990  
*Ceratapion scalptum* (Mulsant et Rey, 1858)
- Aplemonini Kissinger, 1968  
*Hoplopodapion depressum* Bhateja et Pajini, 1989  
*Perapion himalayense* Bhateja et Pajini, 1989  
*Aplemonus arabicus* (Wagner, 1909), new record
- Piezotrachelini Voss, 1959  
*Piezotrachelus lindemanna* Voss, 1961  
*P. sulcatulicollis* Voss, 1956  
*Pseudoconapion pakistanum* Voss, 1960
- Cyladinae Schoenherr, 1823  
*Cylas formicarius* (Fabricius, 1798)
- Brentinae Billberg, 1820  
 Brentini Billberg, 1820  
 Eremoxenina Semenov-Tian-Shanskij, 1892  
*Amorphocephala delicata* Kleine, 1925
- Arrhenodina Lacordaire, 1866  
*Baryrhynchus miles* (Boheman, 1845)  
*B. rudis* Senna, 1893  
*Orychodes* sp.  
*Parorychodes degener* (Senna, 1892)
- Nanophyinae Gistel, 1856  
 Nanophyini Gistel, 1856  
*Nanophyes nigrifulus* Boheman, 1859
- Curculionidae Latreille, 1802  
 Eriirhininae Schoenherr, 1825  
 Eriirhinini Schoenherr, 1825  
*Echinocnemus margelanicus* Faust, 1887  
*E. oryzae* Marshall, 1925
- Tadiini Zimmerman, 1993  
*Tadius laticollis* Faust, 1898
- Desmidophorini Morimoto, 1962  
*Desmidophorus brachmanus* Faust, 1895  
*D. hebes* (Fabricius, 1781)
- Bagoiini Thomson, 1859  
*Bagous affaber* Faust, 1887  
*B. alexanderi* O'Brien, 1995  
*B. laevigatus* O'Brien et Pajni, 1989  
*B. loisae* O'Brien, 1995  
*B. mucronatus* Caldara et O'Brien, 1998  
*B. trapae* Parshad, 1961  
*B. vicinus* Hustache, 1926  
*Hydronomidius molitor* Faust, 1898
- Dryophthorinae Schoenherr, 1825  
 Orthognathini Lacordaire, 1866  
 Orthognathina Lacordaire, 1866  
*Sipalinus gigas* (Fabricius, 1775)

- Rhynchophorini Schoenherr, 1833  
 Rhynchophorina Schoenherr, 1833  
*Rhynchophorus ferrugineus* (Olivier, 1790)  
*Cyrtotrachelus longimanus* (Fabricius, 1775)  
*Protocerius fervidus* Pascoe, 1871
- Litosomina Lacordaire, 1866  
*Sitophilus granarius* (Linnaeus, 1758)  
*S. linearis* (Herbst, 1797)  
*S. oryzae* (Linnaeus, 1763)  
*S. quadrinotatus* Wiedemann, 1823  
*S. rugicollis* (Casey, 1892)  
*S. zeamais* (Motschulsky, 1855)  
*Myocalandra exarata* (Boheman, 1838)
- Diocalandrina Zimmermann, 1993  
*Diocalandra frumenti* (Fabricius, 1801)
- Polytina Zimmerman, 1993  
*Polytus mellerborgii* (Boheman, 1838)
- Sphenophorina Lacordaire, 1866  
*Trochorhopalus sacchari* Marshall, 1932  
*Scyphophorus ocupunctatus* Gyllenhal, 1838  
*Cosmopolites sordida* (Germar, 1824)  
*Cercidocerus bimaculatus* Boheman, 1845  
*C. pictus* Faust, 1894  
*Odoiporus longicollis* (Olivier, 1807)
- Molytinae Schoenherr, 1823  
 Hylobiini Kirby, 1837  
 Hylobiina Kirby, 1837  
*Aclees psendocribratus* Osella, 1989  
*Hylobius angustus* Faust, 1891  
*Paramecops farinosus* (Wiedemann, 1821)  
*Pimelocerus fletcheri* (Marshall, 1919)  
*P. malignus* (Marshall, 1919)
- Mecysolobini Reitter, 1913  
*Cylindralcides affaber* (Aurivillius, 1892)  
*C. bubo* (Fabricius, 1801)  
*C. mali* (Marshall, 1919)  
*C. mysticus* (Faust, 1894)  
*Sternuchopsis chaudiroi* (Chevrolat, 1844)  
*S. collaris* (Pascoe, 1887)  
*S. fabricii* (Fabricius, 1798)  
*S. frenatus* (Faust, 1894)  
*S. pictus* (Boheman, 1844)  
*S. porrectirostris* (Marshall, 1913)  
*S. signatus* Boheman, 1836  
*Merus leopardus* (Olivier, 1807)  
*M. scenicus* (Faust, 1894)  
*M. westermanni* (Boheman, 1844)
- Paipalesomini Marshall, 1932  
*Peribleptus scalptus* Boheman, 1843
- Lixinae Schoenherr, 1823  
 Lixini Schoenherr, 1823  
*Larinus syriacus* Gyllenhal, 1835  
*Microlarinus rhinocylloides* Hochhuth, 1847  
*Gasteroclisus arcurostris* Petri, 1912  
*G. augurius* (Boheman, 1835)  
*G. binodulus* (Boheman, 1835)
- Hypolixus pica* (Fabricius, 1798)  
*Lixus aethiops* (Herbst, 1795)  
*L. auriculatus* Sahlberg, 1823  
*L. binodulus* Boheman, 1836
- Cleonini Schoenherr, 1826  
*Ammocleonus aschabadensis* (Faust, 1884)  
*A. hieroglyphicus* (Olivier, 1807)  
*A. ramakrishnai* Marshall, 1943  
*Asproparthenis foveicollis* (Gebler, 1834)  
*A. punctiventris* (Germar, 1824)  
*Atactogaster dejeani* Faust, 1894  
*A. orientalis* (Chevrolat, 1873)  
*A. zebra* (Chevrolat, 1873)  
*Chromonotus menetriesi* Faust, 1884  
*Chromosomus fischeri* (Fähræus, 1842)  
*Cleonis pigra* (Scopoli, 1763)  
*Coniocleonus mesopotamicus* (Olivier, 1807)  
*Cosmogaster cordofana* (Fähræus, 1842)  
*C. lateralis* (Gyllenhal, 1834)  
*Isomerops baluchicus* (Marshall, 1913)  
*Liocleonus clathratus* (Olivier, 1807)  
*Leucomigus candidatus* (Pallas, 1771)  
*Lixocleonus incanus* Marshall, 1923  
*Meneoleonus anxius* (Gyllenhal, 1834), new record  
*M. signaticollis* (Gyllenhal, 1834)  
*M. virgatus* (Schoenherr 1832)  
*Neocleonus sannio* (Herbst, 1795)  
*Pachycerus cynoglossi* Marshall, 1928  
*P. sellatus* Faust, 1904  
*Pycnodactylopsis tomentosa* (Fähræus, 1842)  
*Rhabdorrhynchus seriegranosus* Chevrolat, 1873  
*Temnorhinus brevirostris* (Gyllenhal 1834)  
*T. perforatus* Faust, 1904  
*Conorhynchus verecundus* (Faust, 1904), new record  
*Tetragonothorax gyllenhalii* Faust, 1888  
*T. lyali* Alonso-Zarazaga, 1999  
*Xanthochelus blumeae* Marshall, 1938  
*X. faunus* (Olivier, 1807)  
*X. major* (Herbst, 1784)  
*X. permutatus* Faust, 1904  
*X. superciliosus* (Gyllenhal, 1834)
- Cryptorhynchinae Schoenherr, 1825  
 Camptorhinini Lacordaire, 1566  
*Pachyonyx menoni* Bose, 1946  
*P. quadridens* Chevrolat, 1880
- Aedemonini Faust, 1898  
*Mechistocerus mollis* Faust, 1894  
*Rhadinomerus bombacis* Marshall, 1921
- Cryptorhynchini Schoenherr, 1825  
 Cryptorhynchina Schoenherr, 1825  
*Cryptometopus personatus* Faust, 1896  
*Rhadinopus simplicifrons* Voss, 1960  
*Sternochetus gravis* (Fabricius, 1775)  
*S. mangiferae* (Fabricius, 1775)  
*Plococerus denticollis* Marshall, 1923  
*Shirahoshizo rufescens* (Roelofs, 1875)
- Cossoninae Schoenherr, 1825  
 Cossonini Schoenherr, 1825  
*Cossonus binodosus* Marshall, 1913  
*C. canarensis* Faust, 1898

- Proecini Voss, 1956  
*Conarthrus cylindricus* (Broun, 1893)  
*Orthotemnus filiformis* Champion, 1914
- Baridinae Schoenherr, 1836  
 Baridini Schoenherr, 1836  
 Leptoschoinina Lacordaire, 1866  
*Acythopeus curvirostris* (Boheman, 1844), new record  
*A. neelgheriensis* (Guerin-Meneville, 1843)  
*Athesapeuta citrulli* Marshall, 1916
- Baridina Schoenherr, 1836  
*Baris albosparsus* Faust, 1894  
*B. ochraceomaculata* (Motschulsky, 1866)  
*B. portulacae* Marshall, 1916  
*B. septemguttata* (Motschulsky, 1866)  
*B. x-album* Faust, 1898  
*Barioscapus cordiae* (Marshall, 1923)  
*Spilobaris maculata* (Roelofs, 1879)
- Conoderini Schoenherr, 1833  
 Mecopina Lacordaire, 1866  
*Mecopus hopei* Rosenschoeld, 1838  
*Pempheris affinis* Faust, 1898
- Sphadasmina Lacordaire, 1866  
*Sphadasmus brahminus* Pascoe, 1871
- Lobotrachelina Lacordaire, 1866  
*Lobotrachelus asperulus* Faust, 1894  
*L. postoculatus* Marshall, 1923  
*L. subfasciatus* Motschulsky, 1858  
*L. urenae* Marshall, 1923
- Coryssomerina Thomson, 1859  
*Metialma anisomelis* Marshall, 1934  
*M. balsaminae* Motschulsky, 1863.  
*M. scenica* Pascoe, 1871
- Ceutorhynchini Gistel, 1856  
 Phytobiina Gistel, 1856  
*Neophytobius granatus* (Gyllenhal, 1835)  
*Rhinoncus caesareus* Colonnelli, 1979  
*Rh. planipennis* Colonnelli, 1979
- Ceutorhynchina Gistel, 1856  
*Ceutorhynchus biseriatus* Faust, 1885  
*Indicoplontus indicus* (Hustache, 1930)  
*Indozacladus theresiae* (Dalla Torre, 1922)
- Hypurina Schultze, 1902  
*Hypurus portulacae* (Marshall, 1916)
- Mecysmoderina Wagner, 1938  
*Mecysmoderes rufulus* Colonnelli, 1979
- Curculioninae Latreille, 1802  
 Ellescini Thomson, 1859  
*Pachytychius obscuricollis* Voss, 1959, new record
- Curculionini Latreille, 1802  
*Curculio c-album* Fabricius, 1798  
*C. nigricollis* Marshall, 1923
- Anthonomini Thomson, 1859  
*Anthonomus* sp.
- Rhamphini Rafinesque, 1815  
*Rhynchaenus mangiferae* Marshall 1915
- Cionini Schoenherr, 1825  
*Cionus hortulanus* (Fourcroy, 1785)
- Smicronychini Seidlitz, 1891  
*Hedychrous rufofasciatus* Marshall, 1923  
*Smicronyx inornatus* Anderson, 1974  
*S. jungennanniae* (Reich, 1797)  
*S. parafasciatus* Anderson, 1974  
*S. robustus* Faust, 1885  
*S. rufovittatus* Anderson, 1974  
*S. ushoensis* Anderson, 1974  
*S. viciae* (Marshall, 1938)
- Tychiini Thomson, 1859  
*Tychius festivus* (Faust, 1884)  
*Sibiria* sp.
- Entiminae Schoenherr, 1823  
 Hyperini Marseul, 1863  
 Hyperina Marseul, 1863  
*Hypera medicaginis* Marshall, 1913  
*H. melancholica* (Fabricius, 1792)  
*H. postica* (Gyllenhal, 1813)
- Coniatina Legalov, 2007  
*Coniatus aegyptiacus* Capiomont, 1868  
*Bagoides indicus* (Marshall, 1916)  
*B. schrencki* (Gebler, 1841)
- Sitonini Gistel, 1856  
*Schelopius planifrons* Fahraeus, 1840  
*Sitona callosus* Gyllenhal, 1834  
*S. fairmairei* Allard, 1869, new record  
*S. macularius* (Marshall, 1802)  
*Eugnathus alternans* Fähræus, 1840  
*E. curvus* Faust, 1897
- Tanymecini Lacordaire, 1863  
 Tanymecina Lacordaire, 1863  
*Cercophorus pseudoverlorenii* (Rizvi, Ahmad et Naz, 2006)  
*C. sindhiliensis* (Ahmned, Rizvi, Siddiqui et Iqbal, 2009)  
*Esamus andrewesi* Faust, 1897  
*E. circumidatus* (Wiedemann, 1821)  
*E. feai* Marshall, 1916  
*E. lacordairei* (Faust, 1895)  
*E. longulus* (Fähræus, 1840)  
*E. marginalis* (Gyllenhal, 1834)  
*E. mixtus* Faust, 1895  
*E. pertusiventris* Faust, 1895  
*E. simplex* (Marshall, 1916)  
*E. versicolor* (Marshall, 1916)  
*Megamecus mandibularis* (Marshall, 1916)  
*M. sciurus* (Olivier, 1807)  
*Phacephorus argyrostomus* (Gyllenhal, 1840)  
*Ph. bimaculatus* Marshall, 1916  
*Scepticus caesius* Marshall, 1916  
*S. noxius* (Faust, 1886)

*S. nubifer* (Faust, 1886)  
*S. pakistanus* Voss, 1964  
*Tanymecus albomarginatus* Gyllenhal, 1834  
*T. chloroleucus* Wiedemann, 1826  
*T. hispidus* (Marshall, 1916)  
*T. indicus* Faust, 1894  
*T. lectus* (Marshall, 1916)  
*T. parkiensis* Ahmad, Rizvi, Akher et Yasir, 2006  
*T. princeps* (Faust, 1891)  
*T. tetricus* Faust, 1897

#### Piazomiina Reitter, 1913

*Achlainomus squamulosus* Hustache, 1928  
*Atmetonychus peregrinus* (Olivier, 1807)  
*Dereodus denticollis* (Schoenherr, 1826)  
*D. mastos* (Herbst 1797)  
*D. pollinosus* (Redtenbacher, 1844)  
*D. sparsus* Boheman, 1840  
*Hypomeces squamosus* (Fabricius, 1792)  
*Lepropus aurovittatus* (Marshall, 1916)  
*L. chrysochlorus* (Dejean, 1835)  
*L. lateralis* (Schoenherr, 1834)  
*L. limbatus* (Marshall, 1916)  
*L. rutilans* (Olivier, 1807)  
*Leptomias angustatus* (Redtenbacher, 1844)  
*L. audax* Faust, 1886  
*L. bimaculatus* Faust, 1886  
*L. elongatulus* Marshall, 1916  
*L. hazaraensis* (Aslam 1969)  
*L. rufus* (Aslarn, 1969)  
*L. stoliczkae* (Faust, 1886)  
*L. sulcicollis* (Marshall, 1916)  
*L. verrucicollis* (Faust, 1886)  
*Pachynotus globicollis* Redtenbacher, 1844  
*Sympiezomias beelsoni* Marshall, 1921  
*S. cretaceus* Faust, 1897  
*S. decipiens* Marshall, 1916  
*S. frater* Marshall, 1916  
*Strophosomoides kaghanensis* Aslam, 1966  
*S. kohistani* Aslam, 1966  
*S. rugosus* Aslam, 1966  
*Xylinophorus penicillatus* Marshall, 1916

#### Blosyrini Lacordaire, 1863

*Blosyrodes pubescens* Marshall, 1916  
*B. variegatus* (Redtenbacher, 1844)  
*Blosyrus osellus* (Olivier, 1807)  
*B. inaequalis* Boheman, 1845  
*B. oniscus* (Olivier, 1807)

#### Episomini Lacordaire, 1863

*Episomus figulus* Boheman, 1834  
*E. guttatus* Boheman, 1845  
*E. lacerta* (Fabricius 1781)  
*E. montanus* Guérin-Ménéville, 1843  
*E. quatuornotarus* Desbrochers, 1890

#### Cneorhinini Lacordaire, 1863

*Catapionus basilicus* Boheman, 1842

#### Cyphicerini Lacordaire, 1863

#### Cyphicerina Lacordaire, 1863

*Amblyrhinus maliriensis* (Ahmed, Rizvi, Siddiqui et Iqbal, 2009)  
*A. poricollis* Schoenherr, 1826

*A. subcingulatus* Voss, 1960  
*Crinorrhinus approximans* Marshall, 1942  
*Cyphicerus ornatus* Faust, 1891  
*Thlipsomerus subcosticollis* (Marshall, 1943)  
*Cyrtepietomus jucundus* (Redtenbacher, 1844)  
*Hackeria isabellina* Voss, 1960  
*Peltotrachelus cognatus* Marshall, 1917  
*P. juvenicus* (Faust, 1891)  
*P. pubes* (Faust, 1886)  
*Platymycterus sjostedti* Marshall, 1918

#### Acanthotrachelina Marshall, 1944

*Lagenolobus tutus* Faust, 1897

#### Myllocerina Pierce, 1913

*Arhines languidus* Gyllenhal, 1834  
*Emperorrhinus defoliator* Marshall, 1916  
*Myllocerus benignus* Faust, 1892, new record  
*M. blandus* Faust, 1894  
*M. cardoni* Marshall, 1916  
*M. conspersus* Marshall, 1916  
*M. dentifer* (Fabricius, 1792)  
*M. discolor* Boheman, 1834  
*M. dorsatus* (Fabricius, 1798)  
*M. evasus* Marshall, 1916  
*M. fabricii* Boheman, 1842  
*M. kashmirensis* Marshall, 1916  
*M. laetivirens* Marshall, 1916  
*M. lefroyi* Marshall, 1916  
*M. lineatus* (Marshall, 1916)  
*M. maculosus* Desbrochers, 1899  
*M. madurensis* Marshall, 1916  
*M. maliriensis* Ahmad, Rizvi, Siddiqui et Iqbal, 2009  
*M. necopinus* Marshall, 1916  
*M. pilifer* Faust, 1897  
*M. pubescens* Faust, 1894  
*M. sabulosus* Marshall, 1916  
*M. scitus* Voss, 1942, new record  
*M. sericeus* Faust, 1897  
*M. setulifer* Desbrochers, 1899b  
*M. spinicollis* Marshall, 1941  
*M. subfasciatus* Guérin-Ménéville, 1843  
*M. thandiyanensis* Rizvi, Ahmed et Naz, 2002  
*M. transsorinus* (Herbst, 1795)  
*M. undecimpustulatus* Faust, 1891  
*M. viridanus* (Fabricius, 1775)  
*Hyperstylus richordi* (Nathan, 1992)  
*Phyllolytus cinereus* (Formanek, 1922)  
*Ptochus afflictus* Faust, 1886  
*P. percussus* Faust, 1886

#### Phytoscaphina Lacordaire, 1863

*Phytoscaphus chloroticus* Boheman, 1843  
*Ph. fractivirgatus* Marshall, 1923  
*Ph. inductus* Boheman, 1842  
*Ph. lanatus* (Fabricius, 1801)  
*Ph. tenuirostris* Marshall, 1923

#### Nothognathini Marshall, 1916

*Lathrotiorrhynchus erberi* Braun et Behne, 1994  
*L. gilgitensis* Braun et Behne, 1994  
*L. globicollis* Braun et Behne, 1994  
*L. heinzi* Braun et Behne, 1994  
*L. kunharensis* Braun et Behne, 1994  
*L. piffli* Voss, 1964

- Laparocerini Lacordaire, 1863  
*Cyrtozemia dispar* Pascoe, 1872
- Polydrusini Schoenherr, 1823  
*Polydrusus aurocupreus* Gandhi et Pajni, 1984
- Psallidiini Lacordaire, 1863  
*Sphingorrhinotus marussii* Voss, 1957  
*S. ortrudheinzae* Braun, 1996
- Otiorhynchini Schoenherr, 1826  
*Otiorhynchus marshalli* F. Solari, 1937  
*O. gilgitensis* Braun, 1988  
*O. planulus* Braun, 1998  
*O. aloysii* Alonso-Zarazaga, 2013  
*Himalotiorhynchus deosaicus* Magnano, 2006  
*H. pakistanicus* Magnano, 2006

## New records

- Pilosoinvolvulus densatus* (Voss, 1969)  
**Material.** 2 ex. (Attila Podlussany collection, Budapest), Tathabaya, 2300 m, 34°36'48" N, 73°27'01" E, 23.VII.1998, G. Csorba and L. Ronkay.
- Aplemonus arabicus* (Wagner, 1909)  
**Material.** 1 ex., Thar, Sindh, 28.IX.2007.  
**Remarks.** Chaudhary et al. [1966] and Hashmi and Tashfeen [1992] did not include this genus and therefore the genus and species reported first time from Pakistan.
- Meneclonus anxius* (Gyllenhal, 1834)  
**Material.** 2 ex., Karachi.
- Conorhynchus verecundus* (Faust, 1904)  
**Material.** 1 ex., Karachi.
- Acythopeus curvirostris* (Boheman, 1844)  
**Material.** 1 ex., Balakot, Khyber Pakhtoon Khwa, 26.VI.2009.
- Pachytychius obscuricollis* Voss, 1959  
**Material.** 1 ex., Thar, Sindh, 28.IX.2007; 8 ex., Kalarkahar, Punjab, 10.IX.2007.  
**Remarks.** Chaudhary et al. [1966] and Hashmi and Tashfeen [1992] did not include this genus and therefore the genus *Pachytychius* reported first time from Pakistan. This species distributed in North Africa, Afghanistan and Arabia [Caldara, 1978].
- Sitona fairmairei* Allard, 1869  
**Material.** 1 ex., Balakot, Khyber Pakhtoon Khwa, 26.VI.2009.  
**Remarks:** Chaudhary et al. [1966] and Hashmi and Tashfeen [1992] did not recorded this species.
- Myllocerus benignus* Faust, 1892  
**Remarks:** First record from Pakistan. Its previously known range was from Tadjikistan and Turkemanistan [Yunakov, 2013]. Voss [1960a] reported this species from Afghanistan.
- Myllocerus scitus* Voss, 1942  
**Material.** 1 ex., Omarkot, Sindh, Pakistan. 5.VIII.2010.

**Remarks.** Chaudhary et al. [1966] and Hashmi and Tashfeen [1992] did not recorded that species from Pakistan. Voss [1960b] recorded this species from Afghanistan.

## Acknowledgements

We thanks to E. Chabanenko (Novosibirsk), E. Colonnelli (Italy), M. Meregalli (Italy), A. Podlussany (Budapest), R. Zhang (China), A. Velazquez de Castro (Spain) for their help in study. The study was partially supported by the Federal Fundamental Scientific Research Programme for 2013–2020, Project No. VI.51.1.7.

## References

- Ahmed Z., Rizvi S.A., Akhter M.A., Yasir I. 2006. A new species of *Tanymecus* Ferar (Coleoptera: Curculionidae: Tanymecini) from Pakistan // International Journal of Biology and Biotechnology. Vol.3. No.1. P.19–21.
- Ahmed Z., Rizvi S.A., Siddiqui H., Iqbal M. 2009. A new species of the genus *Myllocerus* Schoenherr (Coleoptera: Curculionidae: Otiorhynchinae) from Karachi, Sindh-Pakistan // Pakistan Journal of Entomology Karachi. Vol.24. Nos1–2. P.31–34.
- Ahmed Z., Meregalli M., Raza H. 2014a. A new record of the weevil *Pycnodactylopsis tomentosa* (Fähræus, 1842) (Coleoptera: Curculionidae) from Sindh, Pakistan // Pakistan Journal of Zoology. Vol.46. No.3. P.888.
- Ahmed Z., Velazquez de Castro A.J., Arian N. 2014b. First record of the weevil *Schelopius planifrons* Fähræus, 1840 (Coleoptera: Curculionidae: Entiminae) from Pakistan // Arquivos Entomológicos. No.10. P.39–40.
- Alonso-Zarazaga M.A. 2007. On terminology in Curculionidea (Coleoptera) // Boletín Sociedad Entomológica Aragonesa. No.40. P.210.
- Aslam N.A. 1961. Indo-Pakistan *Lemptomias* Faust (Coleoptera: Curculionidae) // Annals and Magazine of Natural History. Vol.13. P.321–339.
- Aslam N.A. 1966a. A new Tanymecine genus from the Himalayas (Coleoptera, Curculionidae) // Annals and Magazine of Natural History. Vol.13. P.129–136.
- Aslam N.A. 1966b. Revision of Tanymecine genera, *Achlaenomus* Waterhouse and *Hyperomis* Marshall and designation of type for *Strophosomoides* Aslam (Coleoptera, Curculionidae) // Annals and Magazine of Natural History. Vol.13. P.405–416.
- Aslam N.A. 1969. Revision of Indo-Pakistan *Parisomias* Faust (Coleoptera, Curculionidae) with some notes on *Leptomias* Faust // Journal of Natural History. No.3. P.543–560.
- Caldara R. 1978. Revisione dei *Pachytychius* paleartici (Coleoptera Curculionidae) // Memorie della Società entomologica Italiana. Vol.1977. No.56. P.131–216.
- Chaudhry G.U., Chaudhry M.I., Khan S.M. 1966. Survey of insect fauna of forests of Pakistan // Final technical report. Biological Sciences Research Division. Pakistan Forest Institute. Peshawar. 167 p.
- Hashmi A.A., Tashfeen A. 1992. Coleoptera of Pakistan // Proceedings of Pakistan Congress Zoology. Vol.12. P.133–170.
- Ramamurthy V.V., Ayri S. 2010. Revision of the genus *Indomias* Marshall (Coleoptera, Curculionidae, Entiminae, Tanymecini) from India // Zootaxa. No.2357. P.1–49.
- Ramesha B., Ramamurthy V.V. 2011. A study on the *Baris* from India (Coleoptera: Curculionidae) // Oriental Insects. Vol.45. No.4. P.304–392.
- Rizvi S.A., Ahmad Z., Naz S. 2002. A new species of the genus *Myllocerus* Shonherr (Coleoptera: Curculionidae: Otiorhynchinae) from Pakistan // Pakistan Journal of Entomology Karachi. Vol.17. Nos 1–2. P.25–27.
- Rizvi S.A., Ahmad Z., Naz S. 2006. A new species of the genus *Burmanicus* Supare (Coleoptera: Curculionidae: Brachyderinae) from Sindh, Pakistan // Pakistan Journal of Entomology Karachi. Vol.21. Nos 1–2. P.9–10.

- Supare N.R., Ghai S., Ramamurthy V.V. 1990. A revision of *Tanymicus* from India and adjacent countries (Coleoptera: Curculionidae) // *Oriental Insect*. Vol.24. P.1–126.
- Voss E. 1959a. Curculioniden aus dem Iran (Coleoptera; Curculionidae) // *Stuttgarter Beiträge zur Naturkunde*. Bd.26. S.1–12.
- Voss E. 1959b. Afghanistans Curculioniden fauna, nach den jüngsten Forschungsergebnissen zusammengestellt // *Entomologische Blätter*. Bd.60. S.65–162.
- Voss E. 1960a. Indische und Pakistanische Rüsselkäfer aus der Zoologischen Sammlung des Bayerischen Staates (155. Beitrag zur Kenntnis der Curculionidae) // *Opuscula Zoologica*. Vol.37. P.1–12.
- Voss E. 1960b. Curculioniden aus Afghanistan // *Opuscula entomologica*. Vol.25. P.233–245.
- Voss E. 1961. Contribution à l'étude de la faune d'Afghanistan // *Entomologisk Tidskrift*. Vol.82. Nos 3–4. P.180–190.
- Voss E. 1963. Ergänzende Beschreibungen und Bemerkungen zu zentralasiatischen, vorwiegend Afghanistanischen Curculioniden (Coleoptera: Curculionidae) // *Annals Historico-Naturales Musei Nationale Hungaric. Zoologica*. Vol.55. P.403–410.
- Voss E. 1964. Unbeschriebene Curculioniden aus Iran und Pakistan (Coleoptera: Curculionidae) // *Entomologische Arbeiten*. Bd.15. Nos1–2. S.702–710.

*Поступила в редакцию 19.10.2014*