

From: [WORLD CATALOGUE OF THE CURCULIONIDAE: LIXINAE: CLEONINI](#)

by Massimo Meregalli – Dept. Life Sciences – University of Turin, Italy

genus ***Pachycerus*** Schoenherr, 1823: c.1137 type species *Lixus madidus* Olivier, 1807
Noctivius Desbrochers des Loges, 1906: 70 type species *Lixus segnis* Germar, 1823

badeni Faust, 1888: 288 (*Tetragonothorax*) ! TL: “Madagascar” AFR: MG*
spinipennis Fairmaire, 1897 (*Cleonus*): 168 TL: “Madagascar” AFR: MG*

barclayi Meregalli, 2009: 319 ! TL: “Manapparai” ASIA: IN*

costulatus Faust, 1890c: 258 ! TL: “Peking” ASIA: CN(BJ* HE^{15,16,@} JL^{15,16,@} LN^{15,16,@} NM^{15,16,@} SX@ XJ@) RU⁴

costatulus Csiki, 1934: 52 (*Cleonus*) [unnecessary replacement name]

desertorum Faust, 1904: 223 ! TL: “Kizil-kum” ASIA: IR¹⁸ KZ^{13,14} TM^{13,#} UZ*

efflatouni Tewfik, 1942: 171 (*Cleonus*) TL: “Wadi Sharis” ASIA: YE*

hippali Meregalli, 2009: 303 ! TL: “between Jeddah and Taif” AFR: EG# SD# ASIA: SA*

latirostris Faust, 1891b: 117 ! TL: “Djizak” ASIA: KZ¹⁴ UZ*

madidus Olivier, 1807: 253 (*Lixus*) TL: “France, Allemagne” ASIA: CY¹ TR# EUR: BG²⁵ CH²⁶ FR* DE* GR¹ HR¹ HU¹ IT^{19,#} PL^{1,27} PT¹ RO¹ SI¹ SE¹

albarius Gyllenhal, 1834: 246 ! TL: “Gallia meridionalis” EUR: FR*

obliquatus Faust, 1883d: 199 ! TL: “Samarkand” ASIA: KG^{13,14,#} KZ^{13,14,#} UZ*

obliquans Csiki, 1934: 53 (*Cleonus*) [unnecessary replacement name]

opimus Gyllenhal, 1834: 185 (*Cleonus*) ! TL: “Senegalia” AFR: MA^{28,#} MR^{28,#} SN*

planirostris Boheman, 1829: 129 (*Cleonus*) TL: “Germania ?” (probably error) EUR: DE*? IT^{19,#}

sahelicus Meregalli, 2009: 312 ! TL: “Bambey” AFR: BF* CM* ML* NG# SD* SN*

segnis Germar, 1823: 398 (*Lixus*) [replacement name] TL: “Hungaria, Istria, Croatia, Rossia meridionali” AFR: MA^{2,#} ASIA: “Transcaucasia”¹³ AF^{29,§} AM# CY³ IR^{13,18,24,#} IL⁴ KZ¹³ TJ¹³ TM¹³ TR^{11,12} SY# UZ¹³ EUR: AT¹ BA¹ BG²⁵ CH²⁶ CZ^{1,6} DE¹ ES^{1,21} FR & GR^{23,#} HR* HU* IT^{19,#} MD²⁰ MT⁷ PL¹ PT¹ RO^{1,9} RS^{1,17} RU* SI¹ SK^{1,6} TR¹ UA⁸

borrae Solari F., 1950: 50 ! TL: “Ovada” EUR: IT*

cordiger Germar, 1819: 135 (*Curculio*) [Homonym] TL: “Triest” EUR: IT*

echii Chevrolat, 1873: 81 ! TL: “Gallia” EUR: FR*

madidus premudae Depoli, 1936: 141 TL: “Campo Imperatore” EUR: IT*

maritimus Hustache, 1926: 291 TL: “La Siagne” EUR: FR*

scabrosus Brullé, 1833: 243 TL: “Morea” EUR: GR*

scabrosus Gyllenhal, 1834: 246 [Homonym] TL: “Gallia meridionalis, Sicilia” EUR:

FR* IT*

sellatus Faust, 1904: 223 ! TL: “Bengala” ASIA: IN^{28,#} MM^{28,#} NP^{28,#} PK^{22,28,#}

schenklingi Csiki, 1934: 54 (*Cleonus*) [unnecessary replacement name]

simonae Meregalli, 2009: 316 ! TL: “Cap Boujdour” AFR: MA*

somaliensis Meregalli, 2002: 238 ! TL: “Mogadiscio” AFR: SO*

vestitus Fåhraeus, 1842: 49 ! TL: “Bahr el Abiad” AFR: GN^{28,#} SD* SN^{28,#}

References: 1: Fauna Europaea 2016; 2: Kocher 1961; 3: Alziar 2010; 4: Legalov 2010; 5: Friedmann (pers. comm.); 6: Benedikt & al. 2010; 7: Mifsud & Colonnelli 2010; 8: Mazur 2002; 9: Procheş 1999; 10: Khamraev 2003; 11: Avgin & Colonnelli 2011; 12: Fremuth 1982; 13: Ter-Minasyan 1988a; 14: Bajtenov 1974; 15: Hua 2002; 16: Lang 2012; 17: Pešić & Mesaroš 2012; 18: Legalov & al. 2010; 19: Abbazzi & Maggini 2009; 20: Bacal & al. 2013; 21: Alonso-Zarazaga 2002; 22: Ahmed & Legalov 2015; 23: Bahr & al. 2016; 24: Modarres Awal & Hossein Pour 2010; 25: Angelov 1978; 26: Germann 2010; 27: PolBIN

2016; **28**: Meregalli 2009; **29**: Ter-Minasyan 1972d §: Entomological Museum of Lund University; @: IOZ

KEY: Faust 1904; Ter Minasyan 1988a (Russia); Skuhrovec & al. 2014 (West Palaeartic)

Remarks. Taxonomy of the Palaeartic species is uncertain. In particular, due to confusion between *P. madidus* and *P. segnis*, data on the distribution of the two species are scarcely reliable.

REFERENCES

Abbazzi P., Maggini L. 2009. Elenco sistematico-faunistico dei Curculionoidea italiani, Scolytidae e Platypodidae esclusi (Insecta, Coleoptera). *Aldovrandia* **5**: 29–216.

Ahmed Z., Legalov A. A. 2015. New records and preliminary list of Curculionoidea (Coleoptera) in Pakistan // Euroasian Entomological Journal. Vol.14. No.1: 42–49.

Alonso-Zarazaga M. A. 2002. Lista preliminar de los Coleoptera Curculionoidea del área ibero-balear, con descripción de *Melicus* gen. nov. y nuevas citas. *Boletín S.E.A.* **31**: 9–33.

Alziar G. 2010. The Curculionoidea-Fauna of Cyprus. *Le Charançon: Catalogues & Keys* **3**. Curculio-Institute, Mönchengladbach. Available on http://www.curci.de/illustrated_catalogue/curculionoidea-fauna_of_cyprus... (accessed January 19, 2014)

Angelov P. 1978. *Fauna Bulgarica, 7. Coleoptera, Curculionidae. II part. (Brachyderinae, Brachycerinae, Tanymecinae, Cleoninae, Curculioninae, Myorrhininae)*. Academia Scientiarum Bulgarica. Institutum Zoologicum. Sofia: In Aedibus Academiae Scientiarum Bulgaricae. 233 pp.

Avgin S. S., Colonnelli E. 2011. Curculionoidea (Coleoptera) from southern Turkey. *African Journal of Biotechnology* **10**: 13555–13597.

Bacal S., Munteanu N., Toderaş I. 2013. Checklist of beetles (Insecta: Coleoptera) of the Republic of Moldova. *Brukenthal Acta Musei* **8** 3: 415–450.

Bahr F., Winkelmann H., Bayer C. 2016. The Curculionoidea – Fauna of Greece. CURCULIO-Institute, Mönchengladbach. Available on: <http://www.friedbahr.de/> (accessed April 25, 2016).

Bajtenov M. S. 1974. *Dzhuki-dolgonosiki (Coleoptera: Attelabidae, Curculionidae) Srednej Azii i Kazakhstana Illjustrirovannji Opredelelitel' Rodov i Katalog Vidov*. Izdatelstvo "Nauka". Kazakhskoj SSR. Alma Ata. 286 pp.

Benedikt S., Borovec R., Fremuth J., Krátký J., Schön K., Skuhrovec J., Trýzna M. 2010. Annotated checklist of weevils (Coleoptera: Curculionoidea excepting Solytinae and Platypodinae) of the Czech republic and Slovakia. Part 1. Systematics, faunistics, history of research on weevils in the Czech Republic and Slovakia, structure outline, checklist. Comments on Anthribidae, Rhynchitidae, Attelabidae, Nanophyidae, Brachyceridae, Dryophthoridae, Erihrinidae and Curculionidae: Curculioninae, Bagoinae, Baridinae, Ceutorhynchinae, Conoderinae, Hyperinae. *Klapalekiana* **46**: 1–363.

Boheman C. H. 1829. Novae Coleopterorum species. *Nouvelles Mémoires de la Société Impériale des Naturalistes de Moscou* **1** (*Mémoires de la Société Impériale des Naturalistes de Moscou* **7**): 101–133.

Brullé A. 1833. Deuxième Section.- Des animaux articulés. In: Bory de Saint-Vincent M. (ed.): *Expédition scientifique de Morée. Section des sciences physiques. Tome III. 1.^{re} Partie. Zoologie. Deuxième Section.- Des animaux articulés.* [1832-1833]. Paris: Levrault: 400 pp. Livraison 6: pp. 241-288.

Chevrolat L. A. A. 1873. Mémoire sur les Cléonides. *Mémoires de la Société Royale des Sciences de Liège. 2^e série* **5**: i–viii + 1–118.

Csiki E. 1934. *Curculionidae: Subfam. Cleoninae.* In: Schenkling S. (ed.), *Coleopterorum Catalogus auspiciis et auxilio W. Junk*, vol. 134. Berlin: Junk. 152 pp.

Depoli G. 1936. Materiali per la fauna coleopterologica del Gran Sasso d'Italia. *Bolletino della Società Entomologica Italiana* **68**: 133–141.

Desbrochers des Loges J. 1905–1906. Faunule des Coléoptères de la France et de la Corse (ou suite de Monographies de ces Coléoptères). Curculionides de la Tribu des Cleonides. Genre *Cleonus* Sch. *Le Frelon* **14**: 25–32 [1905] 65–76 [1906].

Fåhraeus O. I. 1842. [New taxa]. In: Schoenherr C. J. 1842. *Genera et species Curculionidum, cum synonymia hujus familiae. Species novae aut hactenus minus cognitae, descriptionibus a Dom. Leonardo Gyllenhal, C. H. Boheman, O. J. Fahraeus, et entomologiis aliis illustratae. Tomus sextus. Pars secunda. Supplementum continens.* Paris: Roret; Lipsiae: Fleischer, 495 pp.

Fairmaire L. 1897. Matériaux pour la faune coléopterologique de la région malgache. 3^e note. *Annales de la Société Entomologique de Belgique* **41**: 164–204.

Fauna Europaea 2016. Fauna Europaea - all European animal species on the web. Available on <http://www.fauna-eu.org/> (accessed April 19, 2016)

Faust J. 1883d. Neue asiatische Rüsselkäfer (Fortsetzung). *Deutsche entomologische Zeitschrift* **27**: 193–208.

Faust J. 1888. Neue Rüsselkäfer aller Länder. *Stettiner Entomologische Zeitung* **49**: 284–311.

Faust J. 1890c. Beschreibung neuer Rüsselkäfer aus China. *Deutsche Entomologische Zeitschrift* **1890**: 257–293.

Faust J. 1891b. Verzeichniss bei Djizak, Tschimkent und Nauka gesammelten Rüsselkäfer, erhalten von Herr Premier-Lieutenant F. Hauser. *Deutsche Entomologische Zeitschrift* **1891** (1): 115–121.

Faust J. 1904. Revision der Gruppe Cléonides vrais. *Deutsche Entomologische Zeitschrift* **1904** (1): 177–284.

- Fremuth J. 1982. Cleoninae aus der Türkei und den angrenzenden Gebieten (Coleoptera, Curculionidae). *Fragmenta Entomologica* **16** (2): 239–258.
- Germann C. 2010. Die Rüsselkäfer (Coleoptera, Curculionoidea) der Schweiz – Checkliste mit Verbreitungsangaben nach biogeographischen Regionen. *Mittheilungen der Schweizerischen Entomologischen Gesellschaft* **83**: 41–118.
- Germar E. F. 1819: Versuch einer Eintheilung der Horde der Rüsselkäfer in mehrere Gattungen. *Annalen der Wetterauischen Gesellschaft für die gesammte Naturkunde* **4**: 116–139.
- Germar E. F. 1823. *Coleopterorum species novae aut minus cognitae, descriptionibus illustratae*. Halae: Impensis J. C. Hendel et filii, xxiv + 624 pp., 2 pl.
- Gyllenhal L. 1834. [New taxa]. In: Schoenherr C. J. 1834. *Genera et species Curculionidum, cum synonymia hujus familiae. Species novae aut hactenus minus cognitae, descriptionibus a Dom. Leonardo Gyllenhal, C. H. Boheman, et entomologis aliis illustratae. Tomus secundus. Pars prima*. Paris: Roret, 326 pp.
- Hua L. 2002. List of Chinese insects. Vol. II. Curculionidae: pp. 303–321. Zhongshan (Sub Yat-sen) University press, Guangzhou, China. 612 pp.
- Hustache A. 1926. Curculionides Gallo–Rhénans (*Bothynoderes*). *Annales de la Société Entomologique de France* **95** (4): 269–317.
- Khamraev A. Sh. 2003. Soil organisms and entomocomplexes in Khorezm and Karakalpakstan (Uzbekistan). *ZEF Work papers for Sustainable Development in Central Asia*. N°6. ZEF Bonn. 67 pp.
- Kocher L. 1961. Catalogue commenté des Coléoptères du Maroc. Fascicule IX. Rhynchophores. *Travaux de l'Institut Scientifique Cherifien. Série Zoologie* **24**: 263 pp.
- Lang J. 2012. A systematic study of the Lixinae (Coleoptera:Curculionidae) from Northeast China. Master thesis, 2009. Northeast Forest University. 56 pp. (made available in 2012 on <http://www.dissertationtopic.net/doc/513175> - accessed May 3, 2016)
- Legalov A. A. 2010. Annotated checklist of species of superfamily Curculionoidea (Coleoptera) from Asian part of the Russia. *Amurian Zoological Journal* **2** (2): 93–132.
- Legalov A. A., Ghahari H., Arzanov Yu. G. 2010. Annotated catalogue of Curculionid-beetles (Coleoptera: Anthribidae, Rhynchitidae, Attelabidae, Brentidae, Brachyceridae, Dryophthoridae and Curculionidae) of Iran. *Amurian Zoological Journal* **2** (3): 191–244.
- Mazur M. 2002. The distribution and ecology of weevils (Coleoptera: Nemonychidae, Attelabidae, Apionidae, Curculionidae) in western Ukraine. *Acta zoologica cracoviensia* **45** (3): 213–244.
- Meregalli M. 2002. Notes on the genus *Pachycerus* Schoenherr, 1823 with description of a new species from Somalia (Coleoptera Curculionidae Lixinae). *Tropical Zoology* **15**: 233–242.

Meregalli M. 2009. Revision of the Indo–African *Pachycerus* Schoenherr, 1823, with a description of four new species (Coleoptera: Curculionidae: Lixinae). *Zoological Journal of the Linnean Society* **157**: 295–325.

Mifsud D., Colonnelli E. 2010. The Curculionoidea of the Maltese Islands (Central Mediterranean) (Coleoptera). *Bulletin of the Entomological Society of Malta* **3**: 55–143

Modarres Awal M., Hossein Pour F. 2010. An investigation to the subfamily of Lixinae from Khorasan Junoubi and Razavi provinces of Iran (Coleoptera: Curculionidae). *Munis Entomology and Zoology* **5** (2): 559–562.

Olivier A. G. 1807. *Entomologie, ou histoire naturelle des insectes, avec leurs caractères génériques et spécifiques, leur description, leur synonymie et leur figure enluminée. Coléoptères. Tome cinquième*. Paris: Desray, 2 + 612 pp., 59 pl.

Pešić S., Mesaroš G. 2012. Portal za kartiranje biološke raznovrsnosti Srbije – BioRas. Available on: <http://www.bioras.petnica.rs> (accessed April 23, 2016)

PoIBIN 2016. Coleoptera Poloniae. Information System about Beetles of Poland. Available on: <http://coleoptera.ksib.pl/?id=cd&l=en&tx=y> (accessed April 19, 2016).

Procheș Ș. 1999. Catalogue of the superfamily Curculionoidea (Coleoptera) - "Nicolae Săvulescu" collection at the "Grigore Antipa" National Museum of Natural History (Bucharest). *Trav. Mus. natl. Hist. nat. "Grigore Antipa"* **41**: 315–324.

Schoenherr C. J. 1823. Curculionides. [Tabula synoptica familiae Curculionidum]. *Isis von Oken* **1823** (10): cols. 1132–1146.

Solari F. 1950b. I *Pachycerus* europei ed un nuovo genere di Cleonini (Col., Curc.). *Bolletino della Società Entomologica Italiana* **80** (7–8): 50–54.

Ter-Minasyan M. E. 1988a. *Zhuki-dolgonosiki podsemejstva Cleoninae fauny SSSR. Kornevye dolgonosiki*. [The weevils of the subfamily Cleoninae of the fauna of UdSSR. Roots weevils.] (*Triba Cleonini*). In: Skarlat, O.A. (Ed.): *Opredeliteli po faune SSSR (izdavaemye Zoologicheskim Institutom Akademii Nauk SSSR)* **155**: 1-235. Nauka, Leningrad.

Tewfik M. 1942. A new weevil from Southern Arabia: *Cleonus (Pachycerus) efflatouni* nov. spec. (Coleoptera: Curculionidae - Cleoninae). *Bulletin de la Société Fouad 1er d'Entomologie* **26**: 171–174.

Last updated on July 28, 2017