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Systematics of the weevil genus *Mecinus* Germar, 1821 (Coleoptera: Curculionidae). I. Taxonomic treatment of the species

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Abstract

Palearctic species of the weevil genus *Mecinus* Germar, 1821 are revised. A total of 47 species are recognized, one of which, *M. baridioides* sp. n. is new to science. *Mecinus dorsalis* var. *tavaresi* Hoffmann, 1958 (stat. rev.) is considered as a distinct species, whereas *M. alboscuteallatus* var. *atratus* (Solari, 1933) is maintained as a subspecies of *M. alboscuteallatus* (Hustache, 1913). The following new synonymies are proposed: *Mecinus barbarus* Gyllenhal, 1838 (= *M. longiusculus* var. *subcylindricus* Pic, 1896 syn. n.); *M. caucasicus* (Reitter, 1907) (= *Gymnetron caucasicum* var. *rubricum* Reitter, 1907 syn. n.); *M. comosus* Boheman, 1845 (= *M. setosus* Kiesenwetter, 1864 syn. n.; = *M. hesteticus* Vitale, 1906 syn. n.; = *M. pici* Reitter, 1907 syn. n.; = *M. pici* var. *theresae* Reitter, 1907 syn. n.); *M. elongatus* (H. Brisout de Barneville, 1862) (= *G. pyrenaicum* H. Brisout de Barneville, 1862 syn. n.); *M. haemorrhoidalis* (H. Brisout de Barneville, 1862) (= *M. fairmairei* Tournier, 1873 syn. n.; = *G. variabile* var. *brevipenne* Desbrochers des Loges, 1893 syn. n.; = *G. variabile* var. *curtulum* Reitter, 1907 syn. n.); *M. humeralis* Tournier, 1873 (= *M. tournieri* Fairmaire, 1876 syn. n.; = *M. lineicollis* Reitter, 1907 syn. n.); *M. paratychioides* (Hoffmann, 1965) (= *G. longirostre* Pic, 1921 syn. n.); *M. longulus* (Desbrochers des Loges, 1893) (= *G. nigronotatum* Pic, 1906 syn. n.; = *G. nigronotatum* var. *vaulogeri* Pic, 1930 syn. n.); *M. pipistrellus* (Marseul, 1871) (= *G. concavirostre* Stöcklein, 1950 syn. n.); *M. plantaginis* (Eppelsheim, 1875) (= *G. zherichini* Korotyaev, 1994 syn. n.); *M. pyraster* (Herbst, 1795) (= *M. schneideri* Kirsch, 1870 syn. n.; = *M. hariolus* Reitter, 1907 syn. n.; = *M. pici* var. *favarcqui* Pic, 1915 syn. n.); *M. sanctus* (Desbrochers des Loges, 1893) (= *G. laterufum* Pic, 1900 syn. n.); *M. simus* (Mulsant & Rey, 1859) (= *G. mixtum* Mulsant & Godart, 1873 syn. n.); *M. tychioides* (H. Brisout de Barneville, 1862) (= *G. aestivum* Hoffmann, 1956 syn. n.); *M. vulpes* (Lucas, 1849) (= *G. hircinum* Desbrochers des Loges, 1893 syn. n.). The following lectotypes are designated: *Curculio labilis* Herbst, 1795; *C. pyraster* Herbst, 1795; *Gymnetron alboscuteallatum* Hustache, 1913; *G. alboscuteallatum* var. *atratum* Solari, 1933; *G. biarcuatum* Desbrochers des Loges, 1871; *G. bicolor* Gyllenhal, 1838; *G. bonnairei* Desbrochers des Loges, 1898; *G. caucasicum* Reitter, 1907; *G. conirostre* Desbrochers des Loges, 1875; *G. hircinum* Desbrochers des Loges, 1893; *G. ictericum* Gyllenhal, 1838; *G. ictericum* var. *albohirtum* Desbrochers des Loges, 1893; *G. inermicrum* Desbrochers des Loges, 1875; *G. laterufum* Pic, 1900; *G. lebedevi* Roubal, 1926; *G. logesi* Pic, 1900; *G. longirostre* Pic, 1921; *G. longulum* Desbrochers des Loges, 1893; *G. moricei* Pic, 1902; *G. nigronotatum* Pic, 1906; *G. nigronotatum* var. *vaulogeri* Pic, 1930; *G. pirazzolii* Stierlin, 1867; *G. plantaginis* Eppelsheim, 1875; *G. saladense* Pic, 1902; *G. sanguinipes* Chevrolat, 1859; *G. seriatum* Jacquet, 1888; *G. simum* Mulsant & Rey, 1859; *G. tychioides* H. Brisout de Barneville, 1862; *G. variabile* Rosenhauer, 1856; *G. variabile* var. *brevipenne* Desbrochers des Loges, 1893; *G. variabile* var. *curtulum* Reitter, 1907; *Mecinus andalusicus* Faust, 1890; *M. angustulus* Desbrochers des Loges, 1893; *M. angustulus* var. *rufipennis* Pic, 1915; *M. brevithorax* Desbrochers des Loges, 1893; *M. comosus* Boheman, 1845; *M. echinatus* Desbrochers des Loges, 1893; *M. fairmairei* Tournier, 1873; *M. horridulus* Desbrochers des Loges, 1893; *M. humeralis* Tournier, 1873; *M. longiusculus* var. *subcylindricus* Pic, 1896; *M. nasutus* Tournier, 1873; *M. pascuorum* Gyllenhal, 1813; *M. pici* Reitter, 1907; *M. pici* var. *favarcqui* Pic, 1915; *M. pici* var. *theresae* Reitter, 1907; *M. reichei* Tournier, 1873; *M. schneideri* Kirsch, 1870; *M. sublineellus* Fairmaire, 1880; *M. tournieri* Fairmaire, 1876. On the basis of a phylogenetic analysis the species are arranged in seven monophyletic groups and two complexes of species, the latter assembling species with a high degree of phenetic similarity but lacking synapomorphies. A key to species, diagnoses of species groups, redescriptions, synonymies, notes on type specimens, comparative notes, distribution, bionomics when available, photographs of habitus and drawings of rostra, terminalia and other useful characters for taxonomy are provided.

Key words: Curculionidae, Mecinini, *Mecinus*, taxonomic revision, new species, new synonymies