

A New Subgenus of the Longicorn Genus *Phytoecia* Dejean, 1835 (Coleoptera, Cerambycidae) from the Palearctic Region¹

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Received June 17, 2017

Abstract—*Paracoptosia* subgen. n., with type species *Saperda compacta* Ménériés, 1832, is established as a subgenus of *Phytoecia* for *Coptosia* sensu auct. nec Fairmaire, 1865. *Coptosia* Fairmaire, 1865, **syn. n.**, is a junior objective synonym of *Oxyliia* Mulsant, 1863.

DOI: 10.1134/S0013873817080139

Coptosia Fairmaire, 1865 : 177 was established as a genus for a single species *Phytoecia languida* Ménériés, 1839, which is the type species of *Oxyliia* Mulsant, 1863. Consequently, *Oxyliia* Mulsant, 1863 and *Coptosia* Fairmaire, 1865 are objective synonyms, and *Coptosia* Fairmaire, 1865, **syn. n.**, is a junior synonym of the former.

The original description of *Coptosia* Fairmaire, 1865 was also misinterpreted as a description of a new species “*Coptosia languida* Fairmaire, 1865”, which was considered a junior synonym of *Phytoecia albovittigera* Heyden, 1863. But Fairmaire (1865) explicitly based his new genus on *Phytoecia languida* Ménériés, 1839. Thus, “*Coptosia languida* Fairmaire, 1865” was regarded as a junior secondary homonym of *Phytoecia languida* Ménériés, 1839. The characters given in the description of the genus *Coptosia* Fairmaire, 1865 perfectly fit those of *Phytoecia languida* Ménériés, 1839 and do not meet those of *Phytoecia albovittigera* Heyden, 1863.

This mistake originated from a misprint in the original publication, where two different Fairmaire’s generic descriptions (1865 : 176–177—*Conizonia* and *Coptosia*) were assigned to two different figures with the same number: “Pl. 54, fig. 256, *C. vittigera* Fabr.” and “Pl. 54, fig. 256, *C. languida* Mén.”. In fact, *Coptosia languida* (Mén.) is depicted in Pl. 55, fig. 257.

Hence, the taxon, traditionally known as *Coptosia*, has no name and is here described as new.

Phytoecia (*Paracoptosia* subgen. n.)

Phytoecia (*Coptosia*), Ganglbauer, 1884 : 554 (non *Coptosia* Fairmaire, 1865 : 177, type species: *Phytoecia languida* Ménériés, 1839; Lacordaire, 1872 : 851, 862); Seidlitz, 1891a : 755; 1891b : 853; Breuning, 1954 : 488, 492; 1966 : 741; Lobanov et al., 1982 : 272; Danilevsky, 2012 : 161; Kasatkin, 2015 : 43; Cocquemot et al., 2016 : 100.

Coptosia (s. str.), Aurivillius, 1923 : 548; Winkler, 1929 : 1221; Löbl and Smetana, 2010 : 292.

Coptosia, Plavilstshikov, 1928 : 121; 1932 : 195, part.; 1948 : 176, 184; Pic, 1949 : 58; Bense, 1995 : 92–93, 404–405; Althoff and Danilevsky, 1997 : 38; Sama, 2005 : 15–17; 2010 : 49; Özdikmen, 2007 : 330.

Type species: *Saperda compacta* Ménériés, 1832.

Description. Body relatively short, elytra strongly widened anteriorly in males and strongly tapering posteriorly, moderately pubescent; antennae thickened, short, in males surpassing elytral middle; 3rd joint usually slightly shorter than 4th or about as long as latter; prothorax transverse, roundly widened laterally at middle; elytral suture usually with white stripe composed by setae; elytral vestiture never spotted; elytral punctation never arranged longitudinally; elytral apices rounded; claws bifid with relatively short inner lobe.

The subgeneric subdivision of the genus *Phytoecia* is not generally accepted (neither is the generic composition of the tribe Phytoeciini) and is differently treated by specialists up to date. According to the traditional interpretation of *Phytoecia* (*Coptosia*),

¹ This article was originally submitted by the author in Russian and is first published in translation.

Ph. (Paracoptosia subgen. n.) comprises 11 species: *Ph. (P.) albovittigera* Heyden, 1863, *Ph. (P.) bithynensis* Ganglbauer, 1884, *Ph. (P.) brunnerae* (Sama, 2000), *Ph. (P.) compacta* (Ménétriés, 1832), *Ph. (P.) demelti* (Breuning, 1973), *Ph. (P.) ganglbaueri* (Pic, 1936), *Ph. (P.) gianassoii* (Sama, 2007), *Ph. (P.) minuta* Pic, 1891, *Ph. (P.) schuberti* (Fuchs, 1965), *Ph. (P.) tauricola* (Breuning, 1943), and *Ph. (P.) urartica* Kasatkin, 2015.

Several species of *Phytoecia* (*Paracoptosia* subgen. n.) were originally described in the genus *Conizonia* Fairmaire, 1864, which is characterized by elongate body with the elytra slightly widened anteriorly and weakly tapering posteriorly, and by each claw deeply bifid, with long inner lobe.

Sama (2005) proposed artificial discrimination between *Coptosia* and *Conizonia* regarding all *Coptosia* as species from the east of the Mediterranean Region and all *Conizonia* as African species, but such African species as *Conizonia allardi* (Fairmaire, 1866), *C. warnieri* (Lucas, 1847) or *C. simia* Sama, 2005 are more likely to be assigned to *Phytoecia* (*Paracoptosia* subgen. n.).

ACKNOWLEDGMENTS

I am very grateful to Dr. Ivan Löbl (Museum d'histoire naturelle de Genève) for the consultations and revue of the manuscript.

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