

Type species of New World Hispinae genera (Coleoptera: Chrysomelidae)

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Abstract

Type species designations are reviewed and discussed for six New World Hispinae genera. Valid designations are: *Oediopalpa cyanipennis* (Fab.), *Homalispia* (*Homalispia*) *batesii* Baly, *H.* (*Xanthispia*) *cimicoides* (Guérin), *Demotispia pallida* Baly, *Cephaloleia nigricornis* (Fab.), and *Coraliomela brunnea* (Thunberg). **Key words:** Hispinae; type species.

Introduction

Uhmann's (1957b, 1964) catalogs listed the type species of each New World hispine genus. Research has disclosed two errors in these listings (Staines, 1989; Riley & Staines *in press*) and this led to my re-examination of Uhmann's listings. For the most part Uhmann's listings are correct, but those that do not fulfill the requirements of the 1985 edition of the International Code of Zoological Nomenclature (ICZN) or which require clarification are discussed below. Article numbers refer to the ICZN.

Oediopalpa Baly 1858:16.

Baly described this genus and included the species *nigripes* Baly, *basalis* Baly, *cyanipennis* (Fab.), *laticollis* Baly, *collaris* (Guérin), *guerinii* Baly, *fulvipes* Baly, and *caerulea* Baly. There was no type species designation. Monrós & Viana (1947: 151) designated *cyanipennis* as the type species. This species was listed as the type species by Uhmann (1957b:4). However, Uhmann (1957a:116) designated *guerinii* as the type species and this species was listed as the type species in Uhmann (1964:400). According to Article 69a the valid designation is that by Monrós & Viana.

Homalispia (*Xanthispia*) Baly 1858:31.

Baly described *Xanthispia* as a full genus containing the species *cimicoides* (Guérin). Weise (1910) placed *Xanthispia* as a subgenus of *Homalispia* Baly 1858:33. Uhmann (1957b) did not list a

type species for *Xanthispia*. The type species is *cimicoides* by monotypy (Article 68d).

Demotispia Baly 1858:65.

Baly described this genus and included the species *pallida* Baly, *tibialis* Baly, *grayella* Baly, *pulchella* Baly, and *bimaculata* Baly. There was no type species designation. Monrós & Viana (1947:158) designated *pallida* as the type species. Uhmann (1957b:10) designated *pulchella* as the type species. The designation of Monrós & Viana is valid under Article 69a.

Cephaloleia Chevrolat 1837:390.

Chevrolat listed the following species in *Cephaloleia*: *complanata* Dejean, *cyanoptera* Dejean, *dimidiata* Chevrolat, *flavicollis* Dejean, *cimicoides* Dejean, *nigricornis* ? Olivier, *nigricornis* (Fab.), *melanocephala* Dejean, *marginata* Dejean, *inermis* Dejean, *mutica* Dejean, *amabilis* Dejean, *abbreviata* Dejean, *bivittata* Dejean, *eximia* Dejean, *postica* Dejean, *rubra* Lacordaire, *elongata* Dejean, and *metallica* (Fab.). All of the Dejean names and *dimidiata* Chevrolat are *nomina nuda* since there was no species descriptions or indications with the names. I can find no reference to *nigricornis* Olivier and *rubra* Lacordaire so I believe they are *nomina nuda* as well. This leaves *nigricornis* Fab. and *metallica* as available names and for the type species of *Cephaloleia*. I hereby designate *nigricornis* as the type species. Uhmann's (1957b:14) designation of *gratiosa* Baly as the type species is not valid because it does not meet the requirements of Article 69a.

***Coraliomela* Jacobson 1899:253.**

Jacobson erected *Coraliomela* as a subgenus of *Mecistomela*. Fischer (1938) elevated *Coraliomela* to full generic status. In the original description no type species was designated for *Coraliomela*. Jacobson included *quadrinaculata* (Guérin), *nigripes* (Guérin), *vicina* (Guérin), *thoracica* (Perty), and *corallina* (Vigors) in the subgenus. Fischer (1938:200) synonymized *corallina* with *brunnea* (Thunberg) and reduced *nigripes* and *thoracica* to subspecies of *brunnea*. Fischer then designated *brunnea* as the type species of *Coraliomela*. This designation is valid under Article 69a(v). Uhmann (1957b:42) followed Fischer's designation. Monrós & Viana (1947:177) designated *quadrinaculata* as the type species. This designation is not valid.

***Homalispia* Baly 1858:33.**

Baly (1858:33) designated *batesii* Baly as the type species of this genus. Monrós & Viana's (1947:157) designation of *marginata* Baly as the type species is invalid.

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