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## Short Communication

### New synonymy in *Platyphora* Gistel (Coleoptera, Chrysomelidae, Chrysomelinae)

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#### ABSTRACT

New synonymy in *Platyphora* Gistel (Coleoptera, Chrysomelidae, Chrysomelinae). *Doryphora cliens* Stål, 1858 is considered a synonym of *Doryphora congener* Stål, 1858.

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The genus *Platyphora* Gistel, 1857 presents 452 species distributed from Mexico to Argentina and 182 species occurs in Brazil (Blackwelder, 1946; Daccordi, 1994; Sekerka, 2016). The study of the type specimens of *Platyphora* allows us to propose a new synonymy in *P. congener* (Stål, 1858).

Abbreviations cited in the text are as follows: FIOC, Fundação Instituto Osvaldo Cruz, Rio de Janeiro, Brazil; MNHN, Muséum National d'Histoire Naturelle, Paris, France; MNRJ, Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil; MZSP, Museu de Zoologia, Universidade de São Paulo, São Paulo, Brazil; NHRS, Naturhistoriska Riksmuseet, Stockholm, Sweden.

***Platyphora congener* (Stål, 1858)**

(Figs. 1–3, 11–16)

*Doryphora congener* Stål, 1858: 470; Stål, 1862: 14; Weise, 1916: 14; Blackwelder, 1946: 669.

*Chrysomela congener*; Stål, 1862: 14.

*Doryphorella (Histrionella) congener*; Achard, 1922: 47; Bechyné, 1946: 88.

*Stichotaenia congener*; Bechyné, 1952: 47; 1954: 618.

*Platyphora congener*; Bechyné & Bechyné, 1965: 90; Sekerka, 2016 (cat. on – line without page)

*Doryphora cliens*; Stål, 1858: 471; Stål, 1862–1865: 14; Weise, 1916: 14; Blackwelder, 1946: 669. **Syn. nov.**

*Chrysomela cliens*; Stål, 1862: 14.

*Doryphorella (Histrionella) cliens*; Achard, 1922: 47.

*Stichotaenia cliens*; Bechyné, 1952: 47; Zikán & Zikán, 1967: 132.

*Platyphora cliens*; Bechyné & Bechyné, 1965: 91; Sekerka, 2016 (cat. on – line without page).

The original descriptions of *Doryphora congener* and *Doryphora cliens* Stål, 1858 are very similar and only some differences were related to the color of the elytra and ventral region. The comparisons of the holotype photos of *D. congener* (Figs. 1, 2) and *D. cliens* (Figs. 4, 5), deposited in NHRS, and the comparative examination of 48 specimens helped us to observe that the differences between these species are only due to intraspecific variation (Figs. 1–6, 11–16). Also, the male genitalia of specimens from different localities (Espírito Santo, Rio de Janeiro and São Paulo) were dissected and no differences were observed. Therefore, *Doryphora cliens* is here considered a synonym of *Doryphora congener*.

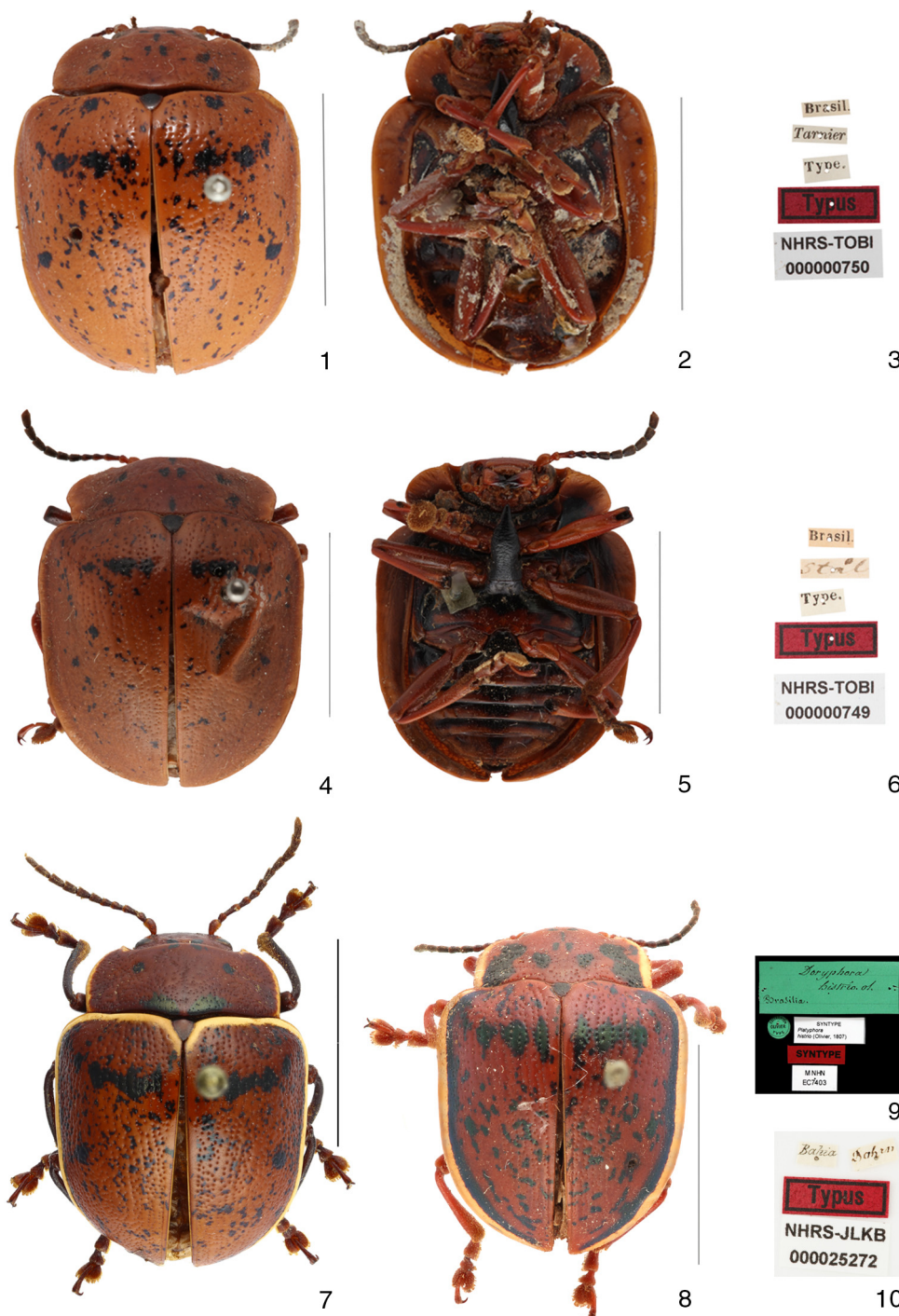
*Platyphora congener* (Figs. 1–3, 11–16) is similar to *Platyphora histrio* (Olivier, 1807) (Figs. 7, 9) and *Platyphora circumflexa* (Stål, 1857) (Figs. 8, 10) and differs by projection of the mesosternal process well developed, enlarged and not curved and by the elytra with a narrow yellow stripe restricted to the outer margin. In *P. histrio* and *P. circumflexa* the projection of mesosternal process is shorter and curved. In *P. histrio* the lateral and anterior margins of elytra present a narrow yellow stripe. *P. circumflexa* presents two stripes on lateral margins of elytra, one external yellow and another internal, black.

Geographical distribution. Brazil (Espírito Santo, Minas Gerais, Rio de Janeiro, Santa Catarina, São Paulo).

Type material. We examined the holotype photos of *P. congener* (Figs. 1–3) from Brazil, and *P. cliens* (Figs. 4–6) from Brazil and *P. circumflexa* (Figs. 8, 10) from Bahia, Brazil, taken by Dr Johannes

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**Figs. 1–10.** 1–3, holotype of *Platyphora congener* (Stål, 1858) – 1, dorsal view; 2, ventral view; 3, labels; 4–6, holotype of *Platyphora cliens* (Stål, 1858) – 4, dorsal view; 5, ventral view; 6, labels; 7, 9, syntype of *Platyphora histrio* (Olivier, 1807) – 7, dorsal view; 9, labels; 8, 10, holotype of *Platyphora circumflexa* (Stål, 1857) – 8, dorsal view; 10, labels. Figs. 1–6, 8, 10 photographed by J. Bergsten (© 2016 Naturhistoriska riksmuseet). Made available by the Swedish Museum of Natural History under Creative Commons Attribution 4.0 International Public License, CC-BY 4.0, <https://creativecommons.org/licenses/by/4.0/legalcode>. Figs. 7, 9 © A. Mantilleri/MNHN. Scale 10 mm.

Bergsten (NHRS) and the syntype of *Platyphora histrio* (Figs. 7, 9) from Brazil taken by Dr. Antoine Mantilleri (MNHN).

Examined material. BRAZIL: Minas Gerais: 1 female, 5.X.1958, Sherlock leg. (MZSP); Espírito Santo: Linhares, 1 specimen, XII.1964, B. Silva leg. (MNRJ); 1 specimen, X.1968 (MNRJ); 1 specimen, XII.1968, B. Silva leg. (MNRJ); 2 specimens, IX.1970, B. Silva leg. (MNRJ); 1 specimen, X.1970, B. Silva leg. (MNRJ); 1 male, 1 specimen, III.1972, B. Silva leg. (MNRJ); 1 specimen (MNRJ); Barra de São Francisco (Córrego do Itá), 4 specimens, XI.1981, H. W. Saar leg. (MNRJ); Rio de Janeiro: Rio de Janeiro, (Corcovado), 1

specimen, IV.1933, Travassos leg. (MNRJ); (Alto da Boa Vista), 1 specimen, XII.1950, C.A. Campos Seabra leg. (MNRJ); (Corcovado), 1 specimen, 28.IX.1952, D. Zajciw leg. (MNRJ); (Corcovado), 1 specimen, 20.X.1952, D. Zajciw leg. (MNRJ); (Corcovado), 1 specimen, 28.X.1954, D. Zajciw leg. (MNRJ); (Corcovado), 1 male, 3 specimens, XI.1955, D. Zajciw leg. (MNRJ); (Estrada das Paineiras), 1 specimen, 21.X.1956, C.A. Campos Seabra leg. (MNRJ); (Corcovado), 1 specimen, X.1971 (MNRJ); 1 specimen, A. Neiva leg. (MNRJ); 1 specimen, Costa Lima leg. (MNRJ); Itatiaia, 1 specimen, 26.X.1926, J. F. Zikán leg. (FIOC); 1 specimen, 15.XI.1942 (MNRJ); Parque Nacional do

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