

Corrections of Homonyms in *Conotrachelus*, and a Species List for *Pheloconus*

(Coleoptera: Curculionidae)

Charles S. Papp

Plant Industry, California Department of Food and Agriculture, Sacramento, 95814

In preparation for renewed studies in New World Coleoptera, the following necessary changes have come to my attention.

Conotrachelus Schönherr

- aculeatus* Papp, **new name** for *hirsutus* Fiedler 1940:108 (not Montrouzier 1860:893) from Bolivia. Type in the Kraatz collection, Deutsches Entomologisches Institut, Berlin.
- carli* Papp, **new name** for *humidens* Fiedler 1943:14, and 15-16 (not Hustache 1940:124) from Brazil. Type in the Chevrolat Collection, Museum Stockholm. In honor of the late Dr. Carl Fiedler.
- exoptorostris* Papp, **new name** for *longirostris* Bondar 1945:327 (not Champion 1904:354) from Brazil. Type in the Bondar collection, American Museum of Natural History, New York.
- inquino flavus* Papp, **new name** for *griseoflavus* Fiedler 1943:26, and 28-29 (not Fiedler 1940:329) from Colombia. Type in the Chevrolat collection, Museum Stockholm.
- nigrivallus* Papp, **new name** for *quadraticollis* Fiedler 1954:131, and 136-137 (not Fiedler 1940:348-349, and 358) from Brazil. Type in the Sahlberg collection, Museum Stockholm.
- pallidus* Papp, **new name** for *albosignatus* Bondar 1945:321 (not Champion 1904:359) from Brazil. Type in the American Museum of Natural History, New York.
- paranus* Papp, **new name** for *tuberosus* Fiedler 1940:244, and 266 (not LeConte 1876:233) from Brazil and Colombia. Type in the British Museum (Natural History), London.
- quaestosus* Papp, **new name** for *pallidirostris* Fiedler 1943:45, and 56-57 (not Fiedler 1940:154,161-162) from Cayenne. Type in the Chevrolat collection, Museum Stockholm.
- schoofi* Papp, **new name** for *tibialis* Schoof 1942:91-94 (not Hustache 1939:101; not Fiedler 1940:35, and 48) from Mississippi, Iowa, Illinois, Kansas, Louisiana, Massachusetts, Missouri, West Virginia. Holotype (male, No. 54310) and Allotype (female) in the United States National Museum, Washington, D.C.
- secernosus* Papp, **new name** for *divisus* Fiedler 1954:131, and 136 (not Champion 1904:401) from Brazil. Type in the Kraatz collection, Deutsches Entomologisches Institut, Berlin.
- variabilis* Papp, **new name** for *variolosus* Fiedler 1943:15, and 25 (not Hustache 1939:99) from Brazil. Type in the Chevrolat collection, Museum Stockholm.
- vorrupus* Papp, **new name** for *interruptus* Fiedler 1943:28, and 42-43 (not Pascoe 1889:330) from Cayenne. Type and paratypes in the British Museum (Natural History), London, additional paratypes in Museum Dresden.

In 1948, when I completed my papers on Cryptorhynchini (Papp: 1950 and 1951) I was unaware of the publication of Blackwelder's Checklist, Part 5 (1947), where adjustments were made for, among

others, one of Fiedler's names, which I had also corrected. The correct citation should now be:

repetitio Blackwelder 1947:853 for *lutulentus* Fiedler 1940:358 (not Fiedler 1940: 86, and 92) from Brazil (type in the Faust collection, Museum Dresden).
syn.: *fiedleri* Papp 1951:484 (not Bondar 1944:195).

Pheloconus Roelofs

Hustache (1936:38) regarded *Phelocomus* as an independent genus very closely related to *Conotrachelus*. Species shuffling between the two genera is recorded in the bibliographical data by Hustache (1936). Working with Fiedler's types (Papp 1950, and 1951) and evaluating Fiedler's argument (1940:6, and 15; 1943: 4-5, this paper sometimes erroneously cited as 1944) on the validity of the generic concept, we (Papp and Varga, 1951) came to the conclusion that despite the morphologically slight differences in generic characters, the genus *Pheloconus* Roelofs should be recognized. Fiedler's final position was later clearly reflected in his writing (Fiedler 1954) and attempts to break up the genus *Conotrachelus*.

There is considerable confusion as far as the type of the genus is concerned. Roelofs selected *pilosellus* Boheman (1845) as genotype, a species known in *Conotrachelus*. Then Champion made a statement (1904:419) "I have seen the types of *C. rubicundulus* and *C. pilosellus*, Boh., the former being abraded and the latter densely squamose." On this basis then *pilosellus* became a synonym of *rubicundulus*, as recorded by Champion (1904:418), and Hustache (1936:38).

The following list of species includes three species from North America, north of Mexico. Their inclusion in the genus is based solely on description, as mentioned by Fiedler (1940:15; *hispidus* LeConte misspelled "hispidulus". Not identical with *hispidulus* Hustache 1924:184). To assist further study of the individual species of the Neotropical region the location of the type specimens are mentioned.

Roelofs, Ann. Soc. Entomol. Belg., 18, 1875:193. — Fiedler, Monograph. London 1940:6.
— Papp and Varga, Portug. Acta. Biol., (B), 3(3), 1951:8. — Fiedler, Neue Südamer. Rüsselk., Jena 1954:138.

- | | |
|--|-----------|
| <i>aequalis</i> Fiedler, Monograph 1940:8, and 12 (<i>Conotrachelus</i>). Type in the British Museum (Nat. Hist.). <i>New combination</i> . | Brazil |
| <i>albifrons</i> Fiedler, Neue Südamer. Rüsselk., Jena 1954:91, and 93. Type in the Kraatz collection, Deut. Entom. Inst., Berlin. | Paraguay |
| <i>albo maculatus</i> Fiedler, Monograph 1940:7, and 8-9 (<i>Conotrachelus</i>). Type in the Kraatz collection, Deut. Entom. Inst., Berlin. <i>New combination</i> . | Brazil |
| <i>ambiguus</i> Faust, Stett. Ent. Zeit., 54, 1893:361. Type in the Faust collection, Museum Dresden. <i>New combination</i> . | Venezuela |

- atrofasciatus* Fiedler, Neue Südamer. Rüsselk., Jena 1954:90, and 91. Type in Museum Hamburg. Brazil
- cretatus* Fiedler, Monograph 1940:7-8, and 11-12 (*Conotrachelus*). Type and paratype in British Museum (Nat. Hist.). *New combination*. Brazil
- cribricollis* Say, Descr. Curc. North Amer., 1831:28 (*Cryptorhynchus*). Proposed by Fiedler 1940: 15. Eastern half of USA.
- fasciolatus* Kirsch, Abhandlg. Zool. Mus. Dresden (4), 1889:33 (*Conotrachelus*). Type in Museum Dresden. *New combination*. Ecuador
- flavicans* Fiedler, 1940:8, and 12-13 (*Conotrachelus*). Type in Museum Stettin. *New combination*. Brazil
- flavosparsus* Fiedler, Neue Südamer. Rüsselk., Jena 1954:138, and 140. Type in Museum Stockholm. Brazil
- glabriventris* Champion, Biol. Centr.-Amer., Col. 4, 1904:356. Type in the British Museum (Nat. Hist.). Proposed by Fiedler 1940: 15. Panama
- hispidus* LeConte, Proc. Amer. Philos. Soc., 15, 1876:235 (*Conotrachelus*). Champion (1904:419) and Fiedler (1940:15) indicates that this species probably synonym to *rubicundulus* Boheman (1837:447) with distribution from Mexico to Argentina. Georgia
- hystricosus* Champion, Biol. Centr.-Amer., Col. 4, 1904:419 (*Conotrachelus*). Type in the British Museum (Nat. Hist.). Proposed by Fiedler, 1904:15. Panama
- infector* Boheman, in Schönherr, Gen. Spec. Curc. 8(2), (*Conotrachelus*). Type in Museum Stockholm. Proposed by Fiedler, 1940:15. New York, Pennsylvania, Indiana
- lividipes* Fiedler, Neue Südamer. Rüsselk., Jena 1954:138, and 141-142. Type in Museum Stockholm. Brazil
- longirostris* Fiedler, op. cit., 1954:91, and 93. Type in Museum Hamburg. Brazil
- luticollis* Fiedler, op. cit., 1954:138, and 142. Type in Museum Stockholm. Brazil
- moestus* Fiedler, op. cit., 1954:138, and 142. Type in Museum Stockholm. Brazil
- nebulosus* Fiedler, Monograph 1940:8, and 13-14 (*Conotrachelus*). Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. *New combination*. Bolivia, Peru
- nudoscutellatus* Fiedler, Neue Südamer. Rüsselk., Jena, 1954:138, and 139. Type in the Paris Museum. Venezuela
- nubiferus* Fiedler, op. cit., 1954:90, and 92. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. Brazil
- olivaceus* Fiedler, op. cit., 1954:91, and 93-94. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. Bolivia
- orchestoides* Fiedler, Monograph 1940:7, and 11 (*Conotrachelus*). Type and paratypes in the British Museum (Nat. Hist.). *New combination*. Brazil
- pallidus* Faust, Stett. Ent. Zeit. 54, 1893:361 (*Conotrachelus*). Type in Museum Dresden. *New combination*. Panama, Colombia, Brazil
- pallisteri* Kissinger, Amer. Mus. Novit., 1962:15-18. Types in the Amer. Mus. Nat. Hist., New York. *New combination*. Mexico
- plagiatus* Fiedler, Neue Südamer. Rüsselk., Jena 1954: 138-139. Type in Museum Stockholm. Brazil
- propinquus* Fiedler, Monograph 1940:7, and 9 (*Conotrachelus*). Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. *New combination*. Brazil
- rubicundulus* Boheman, in Schönherr, Gen. Spec. Curc. 4 (1), 1837:447 (*Conotrachelus*). Type in Museum Stockholm. Mexico to Argentina
- subcarinatus* Fiedler, Neue Südamer. Rüsselk., Jena 1954:90, 91 and 92. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. Brazil

- subtriangularis* Fiedler, op. cit., 1954:138, and 141. Type in Museum Stockholm. Brazil
- sylvius* Boheman, in Schönherr, Gen. Spec. Curc. 8(2), 1845:51. Type in Museum Stockholm. *New combination*. Guiana
- tricinctus* Fiedler, Neue Südamer. Rüsselk., Jena 1954: 90, and 92. Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. Bolivia
- tricolor* Fiedler, op. cit., 1954:138, and 139-140. Type in Museum Stockholm. Chile
- variegatus* Boheman, Eugen. Resa 1859:143 (*Conotrachelus*). Type in Museum Stockholm. *New combination*. Brazil
- versicolor* Fiedler, Monograph 1940:8, and 14-15 (*Conotrachelus*). Type in the Kraatz collection, Deutsch. Ent. Inst., Berlin. *New combination*. Peru

Literature Cited

- Blackwelder, R.E. 1947. Checklist of the Coleopterous insects of Mexico, Central America, the West Indies, and South America. Part 5. Bull. 185, Smithsonian Inst., U.S. Nat. Mus., pp. 765-925.
- Boheman, C.H. 1837. In Schönherr, Genera et species curculionidum. 4 (1):1-600.
- Boheman, C.H. 1845. In Schönherr, Genera et species curculionidum. 8 (2):1-504.
- Boheman, C.H. 1859. Coleoptera. Species nova descripsit. In Kongliga Svenska Fregatten Eugenies resa, Zoologi, 1 (Insecta):113-118.
- Bondar, G. 1944. Notas entomológicas. Revista Entomol. Rio de J., 15:191-204.
- Bondar, G. 1945. Notas entomológicas. Revista Entomol. Rio de J., 16:89-112.
- Champion, G.C. 1904. Biologia Centrali-Americana. Coleoptera 4(4), Curculionidae. Pp. 313-440.
- Champion, G.C. 1906. Op. cit., pp. 727-728.
- Faust, J. 1893. Reise von E. Simon in Venezuela. Curculionidae. Stett. Entomol. Zeit., 54:313-368.
- Fiedler, K. 1940. Monograph of the Southamerican Weevils of the Genus *Conotrachelus*. Brit. Mus. (Nat. Hist.), London. 365 pp., frontisp. and 65 figs.
- Fiedler, C. 1943. Neue südamerikanische *Conotrachelus* aus der Sammlung Chevrolat's im Reichsmuseum in Stockholm. Ark. f. Zool., 35A, (6):1-63.
- Fiedler, C. 1954. Neue südamerikanische Arten der Gattung *Conotrachelus* Schönh. In "Neue sudamerikanische Rüsselkäfer". Fischer Verlag, Jena, pp. 90-137.
- Fiedler, C. 1954. Neue südamerikanische Arten aus der Subfamilie der Cryptorhynchiden. In "Neue südamerikanische Rüsselkäfer". Fischer Verlag, Jena, pp. 138-149.
- Hustache, A. 1924. Curculionides de l'exploration Lizer-Delétang au Chaco Bolivien. An. Soc. Cient. Argent., Buenos Aires, 97:156-191.
- Hustache, A. 1936. Curculionidae: Cryptorrhynchinae. In Junk and Schenkling Coleopterorum Catalogus, part 151, 317 pp.
- Hustache, A. 1939. Descripción de une espèce nueva del genero *Conotrachelus* Sch. Not. Mus. La Plata, 14, Zool. (23): 323-325.
- Hustache, A. 1939. Curculionides nouveaux de l'Argentine at autres régions Sud-américaines. Ann. Soc. Cient. Argent., Buenos Aires, 128:99-124.
- Hustache, A. 1940. Curculionides nouveaux de l'Argentine et autres régions Sud-américaines (deuxième note). Ann. Soc. Cient. Argent., 129:112-144.
- Kirsch, T.F. 1875. Beiträge zur Kenntnis der Peruanischen Käferfauna auf Dr. Abendroth's Sammlugen basiert. Deut. Entomol. Zeit., 19:161-208.
- Kirsch, T.F. 1889. Coleopteren gesammelt in den Jahren 1868-1877 auf einer Reise durch Süd Amerika von Alphons Stubel. Abh. Zool. Mus., Dresden, No. 4:1-58.
- Kissinger, D.G. 1962. The Curculionid Beetles Collected on the Explorers Club — American Museum of Natural History Entomological Expedition to Yucatan, Mexico, in 1952. Amer. Mus. Novit., No. 2086:1-28, figs.

- LeConte, J.L.** 1876. In LeConte and Horn: The Rhynchophora of America, North of Mexico. Proc. Amer. Philos. Soc. 15 (No. 96):VII-XVI, 1-12, and 112-455, (225-235).
- Montrouzier, X.** 1860. Essai sur la fauna entomologique de la Nouvelle-Calédonie (Balade et des Iles des Pins, Lifu, etc. Ann. Soc. Entomol. France, ser. 3, 8:867-916.
- Papp, C.S.** 1950. Verzeichnis der von Dr. Carl Fiedler beschriebenen südamerikanischen Cryptorhynchinen. Part 1. Ark. f. Zool., Ser. 2, 1(11):147-172.
- Papp, C.S.** 1951. Op. cit., Part 2. Ark. f. Zool., Ser. 2, 2(3):457-518.
- Papp, C.S. and G.A. Varga,** 1951. Über die Cryptorhynchinen-Gattung *Conotrachelus*. Portug. Acta Biol. (B), 3(3):7-29.
- Pascoe, F.P.** 1889. On the weevil genus *Centrinus* and its allies. Ann. Nat. Hist., 6(4):321-330.
- Roelofs, W.** 1875. Diagnoses d'espèces nouvelles de curculionides. Ann. Soc. Entomol. Belg., 18:193.
- Say, T.** 1831. Descriptions of North American curculionides and an arrangement of some of our known species agreeably to the method of Schonherr. New Harmony, Indiana, 30 pp.
- Schoof, H.F.** 1942. The Genus *Conotrachelus* Dejean (Col.:Curculionidae) in the North Central United States. III. Biol. Monogr., 19(3):1-170, figs.

RECENT LITERATURE

The following Occasional Papers in Entomology has recently appeared, and is available free, upon request.

- No. 27. The Clearwing Moths of California (Lepidoptera: Sesiidae),
W. Donald Duckworth and Thomas D. Eichlin, 90 pp.

Write to: Library Chairman, Insect Taxonomy Laboratory, 1220 N St., Sacramento, CA 95814.



Papp, C S. 1978. "Corrections of homonyms in Conotrachelus, and a species list for Pheloconus (Coleoptera: Curculionidae)." *The Pan-Pacific entomologist* 54(3), 210–214.

View This Item Online: <https://www.biodiversitylibrary.org/item/251728>

Permalink: <https://www.biodiversitylibrary.org/partpdf/268024>

Holding Institution

Pacific Coast Entomological Society

Sponsored by

IMLS LG-70-15-0138-15

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: Pacific Coast Entomological Society

License: <http://creativecommons.org/licenses/by-nc-sa/4.0/>

Rights: <http://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.