

UPDATE OF SCIENTIFIC NAMES OF BRUCHIDAE (COLEOPTERA)
LISTED BY BONDAR IN "NOTAS BIOLÓGICAS" (1931 AND 1936)

John M. Kingsolver¹

Pedrito Silva²

RESUMO

Atualização dos nomes científicos de Bruchidae (Coleoptera) listados por Bondar em Notas Biológicas (1931 e 1936).

Nomes científicos de uso corrente são propostos para 63 espécies de Bruchidae brasileiros incluídos por Bondar em dois trabalhos sobre biologias. As recentes revisões da classificação tornaram obsoletos quase todos nomes que ele usou em 1931 e 1936. Esta atualização tornará seus trabalhos mais úteis para os profissionais no Brasil.

ABSTRACT

Current scientific names are given for 63 species of Brazilian Bruchidae included by Bondar in two papers on biologies. Recent revisions of the classification has made obsolete nearly all of the names he used in 1931 and 1936. This update will make his papers more useful to current workers in Brazil.

INTRODUCTION

Gregorio Bondar was one of the first South American entomologists to study biologies of Brazilian Bruchidae. He was a careful observer and reared many species. Those species he could not identify he sent to Maurice Pic in France for determination or description.

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¹ Systematic Entomology Laboratory, PSI, U.S. Department of Agriculture, Room 1, Building 004, Beltsville Agricultural Research Center-West, Beltsville, MD 20705, USA.

² SIPLA/CEPLAC, Av. Ademar de Barros 967, 40000 Salvador BA, Brazil. Deceased in December 1990.

Among his many publications two were of special interest to specialists in the Bruchidae: (1) "Notas biológicas sobre alguns Bruchideos do gênero *Pseudopachymerus* (1931)", and (2) "Notas Biológicas sobre Bruchideos observados no Brasil (1936)" which brought together the results of a decade or more of field and laboratory observations. These publications are among the most important references in bruchid biological literature for South America. During the past 25 years, numerous taxonomic and biological studies in Central and South American Bruchidae have necessitated changes in status for nearly every name used by Bondar in these papers.

Here, we list first the combination of names exactly as found in Bondar's papers, then the current combination of genus, species, and author.

Genera are listed in alphabetical order for ease in locating names.

- Bruchus alticola* Sharp, 1885 = *Sennius alticola* (Sharp, 1885)
- Bruchus armitagei* Pic, 1931 = *Acanthoscelides argillaceus* (Sharp, 1885)
- Bruchus atronotatus* Pic, 1929 = *Lithraeus atronotatus* (Pic, 1929)
- Bruchus bahianus* Pic, 1930 = *Acanthoscelides bahianus* (Pic, 1930)
- Bruchus bicoloripes* Pic, 1930 = *Sennius bicoloripes* (Pic, 1930), NEW COMBINATION
- Bruchus bisbimaculatus* var. *immaculatus* Pic, 1939 = *Stator monachus* (Sharp, 1885)
- Bruchus bondari* Pic, 1929 = *Sennius bondari* (Pic, 1929)
- Bruchus carneofasciatus* Pic, 1927 = *Sennius carneofasciatus* (Pic, 1927)
NEW COMBINATION
- Bruchus cearanus* Pic, 1930 = *Stator cearanus* (Pic, 1930)
- Bruchus chinensis* L., 1758 = *Callosobruchus chinensis* (L., 1758)
- Bruchus clitellarius* Fahr., 1839 = *Acanthoscelides clitellarius* (Fahr., 1839)
- Bruchus coryphae* Oliv., 1795 = *Megacerus coryphae* (Oliv., 1795).
Undoubtedly a misidentification; *M. coryphae* is a North American species.
- Bruchus crucifer* Bondar, 1936, syn. of *Acanthoscelides suturalis* (Boh., 1833) NEW SYNONYMY
- Bruchus dominicanus* Jekel, 1855 = *Mimosestes mimosae* (F., 1781)
- Bruchus friburgoensis* Pic, 1931 = *Sennius laminifer* (Sharp, 1885)
- Bruchus gregorioi* Pic, 1931 = *Acanthoscelides gregorioi* (Pic, 1931)
- Bruchus lateapicalis* Pic, 1927 = *Sennius lateapicalis* (Pic, 1927)
- Bruchus lojaensis* Pic, 1933 = *Sennius lojaensis* (Pic, 1933), NEW COMBINATION
- Bruchus obsoletus* (*obtectus*) Say, 1831 = *Acanthoscelides obtectus* (Say, 1831). (*Acanthoscelides obsoletus* (Say) is found only in the United States)

- Bruchus phascoli* Gyll., 1833 = *Callosobruchus phascoli* (Gyll., 1833)
- Bruchus pisorum* L., 1758 = *Bruchus pisorum* (L., 1758)
- Bruchus quadrimaculatus* F., 1792 = *Callosobruchus maculatus* (F., 1792)
- Bruchus rufimanus* Boh., 1833 = *Bruchus rufimanus* (Boh., 1833)
- Bruchus semiconjunctus* Pic, 1931 = *Acanthoscelides semiconjunctus* (Pic, 1931).
- Bruchus semiflabellatus* Pic, 1931 = *Bruchidius atrolineatus* (Pic, 1921)
NEW SYNONYMY
- Bruchus subannulatus* Pic. We are unable to find the original description for this name. Pic probably provided a manuscript name but never published it.
- Bruchus subdiversicolor* Pic, 1931 = *Sennius subdiversicolor* (Pic, 1931)
- Bruchus subimmaculatus* Pic, 1931, syn. of *Acanthoscelides clitellarius* (Fahr., 1839), NEW SYNONYMY
- Bruchus subroseus* Mots., 1874, syn. of *Acanthoscelides leguminarius* (Gyll., 1833). NEW SYNONYMY. (Undoubtedly a misidentification since *leguminarius* is found only in Chile)
- Bruchus vittatithorax* Pic, 1930 = *Stator vittatithorax* (Pic, 1930)
- Pachymerus abruptestriatus* Gyll., 1839 = *Pachymerus abruptestriatus* (Gyll., 1839)
- Pachymerus bactris* L., 1767 = *Pachymerus bactris* (L., 1767)
- Pachymerus cardo* Fahr., 1839 = *Pachymerus cardo* (Fahr., 1839)
- Pachymerus curvipes* Latr., 1811 = *Caryobruchus curvipes* (Latr., 1811)
- Pachymerus diospirosi* Bondar, 1941 = *Pachymerus abruptestriatus* (Gyll., 1839).
- Pachymerus donkieri* Pic, 1899 = *Caryobruchus donkieri* (Pic, 1899)
- Pachymerus giganteus* Chevr., 1877 = *Caryobruchus giganteus* (Chevr., 1877)
- Pachymerus lacerdae* Chevr., 1877 = *Pachymerus lacerdae* (Chevr., 1877)
- Pachymerus nucleorum* F., 1792 = *Pachymerus nucleorum* (F., 1792)
- Pachymerus rubrofemoralis* Pic, 1899 = *Caryobruchus rubrofemoralis* (Pic, 1839).
- Pachymerus sparsepunctatus* Pic, 1902 = *Pachymerus abruptestriatus* (Gyll., 1839).
- Pseudopachymerus atromaculatus* Pic, 1931 = *Caryedes speculifer* (Gyll., 1833).
- Pseudopachymerus bondari* Pic, 1931 = *Caryedes minor* (Pic, 1931)
- Pseudopachymerus brasiliensis* Thunb., 1816 = *Caryedes brasiliensis* (Thunb., 1816).
- Pseudopachymerus cavillator* Fahr., 1839 = *Gibbobruchus cavillator* (Fahr., 1839).
- Pseudopachymerus cristatus* Fahr., 1839 = *Caryedes cristatus* (Fahr., 1839)
- Pseudopachymerus crotonae* Fahr., 1839 = *Ctenocolum crotonae* (Fahr., 1839)

- Pseudopachymerus grammicus* Gyll., 1833 = *Caryedes grammicus* (Gyll. 1833)
- Pseudopachymerus jaspideus* Erich., 1847 = *Pseudopachymerina spinipes* (Erich., 1833). Examination of the type-specimen of *jaspideus* proved it to be synonymous with *Pseudopachymerina spinipes* (Erich.). Bondar evidently misidentified *Caryedes icamae* (Guerin-Meneville) as *Pseudopachymerus jaspideus*. He gave *Calopogonium velutinum* as the host of *jaspideus*; *icamae* is found in *Calopogonium caeruleum* from western South America Whereas *spinipes* is associated with *Acacia* spp.
- Pseudopachymerus lallemanti* Mars., 1876 = *Pseudopachymerina spinipes* (Erich., 1833)
- Pseudopachymerus lineola* Chevr., 1871 = *Pygiopachymerus lineola* (Chevr., 1871)
- Pseudopachymerus minor* Pic, 1931 = *Caryedes minor* (Pic, 1931)
- Pseudopachymerus multinotatus* Pic, 1931 = *Caryedes multinotatus* (Pic, 1931)
- Pseudopachymerus multimaculatus* Pic, 1930 = *Caryedes multimaculatus* (Pic, 1930)
- Pseudopachymerus nigronotatus* Pic, 1931 = *Gibbobruchus nigronotatus* (Pic, 1930)
- Pseudopachymerus pickeli* Pic, 1927 = *Merobruchus pickeli* (Pic, 1927)
- Spermophagus centralis* Sharp, 1885, syn. of *Amblycerus cistelinus* (Gyll., 1833) NEW SYNONYMY
- Spermophagus hoffmanseggi* Gyll., 1833 = *Amblycerus hoffmanseggi* (Gyll., 1833)
- Spermophagus longissimus* Pic, 1902 = *Amblycerus longissimus* (Pic, 1902)
- Spermophagus luteonotatus* Pic, 1902 = *Amblycerus luteonotatus* (Pic, 1902)
- Spermophagus musculus* Boh., 1833 = *Zabrotes subfasciatus* (Boh., 1833)
- Spermophagus nigromarginatus* Mots., 1873 = *Amblycerus nigromarginatus* (Mots., 1873)
- Spermophagus subfasciatus* Boh., 1833 = *Zabrotes subfasciatus* (Boh., 1833)
- Zabrotes subfasciatus* Boh., 1833 = *Zabrotes subfasciatus* (Boh., 1833)

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