

NEW SYNONYMIES AND NEW COMBINATIONS
IN NORTH AMERICAN BRUCHIDAE
(COLEOPTERA)

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As a result of examination of type-specimens of North American Bruchidae deposited in the Zoologisk Museum, Copenhagen, the Naturhistorisk Riksmuseet, Stockholm, and the Zoological Museum, Moscow, a number of changes in status of names is necessary. These names are involved in current biological and ecological studies, and changes are also necessary for the forthcoming catalog of this family for America north of Mexico.

Acanthoscelides alboscuteallatus (Horn), 1873, Trans. Amer. Ent. Soc. 4:334.

Bruchus conspersus Motschulsky, 1874, Bull. Soc. Nat. Mosc. 46:224. **New Synonymy.**

Bruchus abutilonis Motschulsky, 1874, op. cit.:232. **New Synonymy.**

Acanthoscelides obtectus (Say), 1831, Descrip. of N. Amer. Curcul.:1.

Bruchus tetricus Gyllenhal, 1839, In Schoenherr, Gen. Curcul. 5:22. **New Synonymy.**

Bruchus varicornis Motschulsky, 1874, op. cit.:239. Listed tentatively as a synonym of *obtectus* by Pic, 1913, Coleop. Catalog., pars 55:38, and here verified. Preoccupied by Brullé (1832).

Acanthoscelides pallidipennis Motschulsky, 1874, op. cit.:210. **New Combination.**

Bruchus collusus Fall, 1910, Trans. Amer. Ent. Soc. 36:176. **New Synonymy.**

Acanthoscelides pauperculus (LeConte), 1857, Rept. Expl. and Surv. Miss. to Pac.:52.

Bruchus simplex Motschulsky, 1874, op. cit. 220. **New Synonymy.**

Bruchus rufus Motschulsky, 1874, op. cit.:223. **New Synonymy.** Preoccupied by DeGeer (1775).

Bruchus pulicarius Motschulsky, 1874, op. cit.:233. **New Synonymy.**

Amblycerus simulator (Jacquelin du Val), 1857, In Sagra, Hist. phys., polit., et natur. de l'Ile de Cuba:167.

Spermophagus affinis Motschulsky, 1874, op. cit.:248. **New Synonymy.**

Amblycerus robiniae (Fabricius), 1781, Spec. Insect. I:75.

Chrysomela gleditsiae Castiglioni. Viaggio negli Stati Uniti dell' America settentrionale fatto negli anni 1785, 1786, e 1787. Con alcune osservazioni sui vegetabili piu utili de qual' paese. 1790. 2 vols. Milano. Page 253. **New Synonymy.** I am indebted to Joseph Ewan of Tulane University for sending me a translation of this obscure work in which the honey locust bruchid is unmistakably described.

Amblycerus pygidialis (Suffrian), 1870, Arch. Naturg. 36:169.

Amblycerus chapini Kingsolver, 1970, Trans. Amer. Ent. Soc. 96:481. **New Synonymy.**

Caryedes clitoriae (Gyllenhal), 1839, In Schoenherr, op. cit.:25. **New Combination.**

Bruchus confinis Sharp, 1885, Biol. Centr.-Amer., Coleop. 5:444. **New Synonymy.**

Megacerus flabelliger (Fahraeus), 1839, In Schoenherr, op. cit.:36.

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Bruchus luculentus Boheman, 1859, Kongliga Sven Freg. Eugenie Resa I:113. **New Synonymy.**

Sennius fallax (Boheman), 1839, *In Schoenherr*, op. cit.:59.

Bruchus californicus Boheman, 1859, *In Schoenherr*, op. cit.:114. **New Synonymy.** The holotype of *californicus* is labeled "California" which is interpreted as San Francisco. *S. fallax*, however has not been collected north of the state of Sinaloa, Mexico, in the western part of the continent. Boheman's material may have been mislabeled.

Sennius lebasii (Fahraeus), 1839, *In Schoenherr*, op. cit.:25. **New Combination.**

Bruchus rufescens Motschulsky, 1874, op. cit.:222. **New Synonymy.**

Bruchus celatus Sharp, 1885, op. cit.:499. **New Synonymy.**

Sennius rufomaculatus (Motschulsky), 1874, op. cit.:222. **New Combination.**

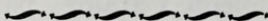
Bruchus instabilis Sharp, 1885, op. cit.:446. **New Synonymy.**

My type studies have enabled me to confirm the following synonymies made by earlier authors based solely on characteristics in original descriptions.

Bruchus alboguttis Motschulsky, 1874, op. cit.:215, is verified as a synonym of *Meibomeus musculus* (Say), 1831, op. cit.:3.

Bruchus crataegi Fahraeus, 1839, *In Schoenherr*, op. cit.:119, is verified as a synonym of *Gibbobruchus mimus* (Say), 1831, op. cit.:2.

Bruchus nictitans Motschulsky, 1874, op. cit.:241, is verified as a synonym of *Sennius cruentatus* (Horn), 1873, *Trans. Amer. Ent. Soc.* 4:325.



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