



A review of the genus *Bruchia* Weise 1906 (Coleoptera: Chrysomelidae: Cassidinae)

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Abstract

The species of *Bruchia* are reviewed. *Bruchia armata* from Brazil, Colombia and Peru, and *B. scapularis* from Colombia are described as new. Each species is described and illustrated and a key to the species is provided.

Key words: Chrysomelidae, Cassidinae, *Bruchia*, new species, key

Introduction

Weise (1906) proposed *Bruchia* for *B. sparsa* from Argentina. Weise (1907) transferred *Brachycoryna fulvipes* Baly to *Bruchia*. Weise (1916), mistakenly thinking that *Bruchia* was a preoccupied name, proposed *Bruchiella* as a replacement. Bruch (1928) pointed out Weise's error. Monrós & Viana (1947) redescribed the genus and expanded the range of *B. sparsa*. There has been no published key to the species and nothing is known about the biology or host plants of any species.

For this study, measurements were taken with an ocular micrometer. Pronotal length and width were measured along the midlines. Elytral width was measured at the humeri. Elytral length was measured from the base to the apex along the midline. Total length was measured from the base of the antennae to the apex of the elytra. In recording label data from type specimens, a slash (/) separates data on different labels; brackets ([]) include explanatory or label color information.

Bruchia Weise 1906

Bruchia Weise 1906: 227. Type species *Bruchia sparsa* Weise by monotypy. Weise 1910: 145, 1911a: 30 (catalog), 1911b: 43 (catalog); Uhmann 1933: 80, 1937: 336 (key to species), 1957: 115 (catalog); Blackwelder 1946: 729 (faunal list); Monrós & Viana 1947: 259 (redescription); Papp 1953: 90 (catalog); Wilcox 1975: 144 (faunal list); Seeno & Wilcox 1982: 160 (catalog); Staines 2002: 755 (redescription).

Bruchiella Weise 1916: 39 (invalid replacement name for *Bruchia*); Bruch 1928: 202 (synonymy); Uhmann 1932: 37.

Head: medial sulcus present. Antenna: 7-segmented; antennomeres I to V very sharp, gradually widening after III; I to III short, transverse; IV to V very short, strongly transverse; VI as long and wider than preceding two combined, as wide as VII; VII subovate, pointed at apex. Pronotum: narrow, width at base and apex equal; lateral margin deflexed, nearly parallel-sided; disc convex, regularly subseriate-punctate; medial line finely impressed. Scutellum: small. Elytron: three times as long as pronotum, slightly convex; apex conjointly rounded; with 8 rows of punctures; lightly bicostate, costae interrupted, transversely united before apex.