

CHECKLIST OF THE BRUCHIDAE (INSECTA: COLEOPTERA) OF MEXICO

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Abstract

Johnson and Kingsolver (1981) estimated that there were 140 species of Bruchidae in Mexico. We now know that there are at least 334 species in 23 genera of Bruchidae in Mexico. This increase is due to research that has produced new distribution records and new species. In the checklist the species are listed by genus and distribution records are given for each species. Brief histories on the work of researchers in the New World and estimates of numbers species of bruchids in the New World and worldwide are given. Four names are excluded from a checklist of bruchids of the New World for a variety of reasons. *Bruchus ingae* Fåhræus (1839) has only been found in southern South America and the original designation from Mexico is considered to be in error. *Bruchus serraticornis* (Fabricius) was published by Fabricius (1775) on page 65 with a locality as "Habitat in Oriente." Blackwelder (1946) indicated that *serraticornis* was published by Fabricius (1775) on page 66 (erroneously) and was from "Mexico, Old World." In several recent papers European entomologists (Decelle and Lodos 1989; Borowiec and Anton 1993; Anton *et al.* 1997) indicated that *serraticornis* (Fabricius) was in the Old World genus *Bruchidius*. The name is therefore excluded. *Bruchus triangularis* Say (1831:1) and *B. oculus* Say (1831:2), both from Mexico, were among the species described by Say (1831) whose types were apparently lost. These names cannot be applied to any species with any degree of certainty because of inadequate descriptions by Say. They continue to appear on checklists but not in the literature, so after 170+ years we consider them to be *nomina dubia* and therefore they were removed from the checklist.

Compiling a checklist for a family of insects such as the Bruchidae is at best difficult because of the large amount of taxonomic research that is currently being done. We feel, however, that it is most valuable at this time to produce a checklist that will be of value to both non-specialists and specialists in the family.

Blackwelder (1946) was the first to produce a comprehensive catalog that included beetles of Latin America. Johnson and Kingsolver (1981) wrote a checklist of Bruchidae of North America and the West Indies. Udayagiri and Wadhi (1989) wrote the most recent catalog of Bruchidae of the world. The work of the latter authors was an excellent contribution but they did not include all the named species of bruchids of the New World, especially Mexico and Central America.

Several authors have estimated the number of species of Bruchidae in various localities. Johnson (1970) estimated that there were about 100 species from the USA, 600 in the New World and 1,300 worldwide. Kingsolver (1990a), however, wrote that there were 753 species described from the New World then and probably the total number will eventually reach about 1,350 species when taxonomic studies are completed. Johnson *et al.* (2004) estimated that there are now about 1,700 named species worldwide.

Table 1. Described Richness of Bruchidae from Mexico during different periods.

Genus	Number of species in 1981	Number of species in 1989	Number of species in 2003
<i>Abutiloneus</i>	1	1	1
<i>Acanthoscelides</i>	66	112	119
<i>Algarobius</i>	2	5	5
<i>Amblycerus</i>	28	38	38
<i>Callosobruchus</i>	2	2	2
<i>Caryedes</i>	9	9	9
<i>Caryedon</i>	1	1	1
<i>Caryobruchus</i>	4	4	5
<i>Cosmobruchus</i>	1	1	1
<i>Ctenocolum</i>	6	6	6
<i>Dahlbruchus</i>	1	1	1
<i>Gibbobruchus</i>	6	6	6
<i>Margaritabruchus</i>	0	0	1
<i>Megacerus</i>	27	28	28
<i>Meganeltumius</i>	0	0	1
<i>Meibomeus</i>	13	13	16
<i>Merobruchus</i>	13	20	20
<i>Mimosestes</i>	12	13	13
<i>Neltumius</i>	3	3	4
<i>Pachymerus</i>	1	1	1
<i>Sennius</i>	22	23	23
<i>Stator</i>	13	13	14
<i>Zabrotes</i>	8	8	19
TOTAL: 23	239	308	334

In their checklist, Johnson and Kingsolver (1981) estimated that there are 148 species of bruchids in Mexico. Later in 1989, Udayagiri and Wadhi list 933 species in the family Bruchidae in the World, of these 168 species are from Mexico. Until now, there has been no precise information about the richness of Bruchidae in Mexico. Because the potential of bruchids as regulators of plant populations by feeding on seeds of many seed plants of economic importance, we are presenting here some of our information on the number of species of Bruchidae in Mexico.

Kingsolver (1990a) emphasized the work of Johnson and Kingsolver of the U.S.A., and Arturo Terán and Susana Muruaga de L'Argentier, of Argentina in describing new species, studying various genera and finding new distribution records in the New World in all or part of the last four decades. Romero of Mexico, Cibele S. Ribeiro-Costa of Brazil and J. A. Nilsson of the USA have made similar, significant contributions to our knowledge of bruchid taxonomy in the last decade. All these scientists have increased our knowledge by revising genera of bruchids in Latin America. Johnson, Kingsolver and Romero have described many new species from Mexico.

In his original description (Fähræus 1839: 27) published *Bruchus ingae* Fähræus as occurring in Mexico. The name has been published in various genera but it has never been reported from Mexico again. J. M. Kingsolver (pers. comm.) examined the type of *B. ingae* and found that it was a synonym of *Bruchus leguminarius* Gyllenhal. Kingsolver also indicated to us that the types of the two varieties (β and γ) of *B. ingae* published by Fähræus were completely different species from *B. ingae*. Kingsolver (1990b: 50) published *B. ingae* as a junior synonym of *Lithraeus leguminarius* (Gyllenhal) from Chile. Species in the genus *Lithraeus* Bridwell occur in southern South America and feed in the seeds of the Anacardiaceae. Because we have collected

seeds of species of *Inga* Mill. from several localities in Latin America and have not reared bruchids from them, we believe that *B. ingae* was labeled incorrectly and probably does not occur outside of southern South America. Therefore it is not included in this checklist because it probably does not occur in Mexico.

Bruchus serraticornis (Fabricius) was published by Fabricius (1775) on page 65 with a locality as "Habitat in Oriente." Blackwelder (1946) indicated that *serraticornis* was published by Fabricius (1775) on page 66 and was from "Mexico, Old World." In several recent papers European entomologists (Decelle and Lodos 1989; Borowiec and Anton 1993; Anton *et al.* 1997) indicated that *serraticornis* (Fabricius) was in the genus *Bruchidius*, but none indicated that they had examined the type of *Bruchus serraticornis*. Because Blackwelder cited this species as *Acanthoscelides serraticornis* (Fabricius 1775) on the wrong page and at the wrong locality, we believe that Blackwelder simply erred in his including *B. serraticornis* as a New World species. We respect the opinion of the European entomologists and therefore have excluded *Bruchidius serraticornis* from our New World checklist.

Say (1831) described several new species but apparently the types of these species were lost (Leconte 1859: v). *Bruchus triangularis* Say (1831:1) and *B. oculatus* Say (1831:2), both from Mexico, were among these species. The most helpful characters that Say described for *Bruchus triangularis* were "posterior thighs with a spine, beyond which are two smaller spines" and "length nearly three twentieths of an inch." Say described *B. oculatus* with "much dilated orbits," "posterior thighs near the tip with about four teeth, of which the first is most prominent" and "length one fifth of an inch." This description matches most closely that of *Acanthoscelides macrophthalmus* (Schaeffer) but cannot be identified as that species with any degree of certainty. Most acanthoscelidine bruchids in several New World genera have spines similar to either or both Say names on their hind femora and their bodies are variable in length. So the descriptions given by Say are not applicable to any species with certainty. Because these names cannot be applied to any species with any degree of certainty and continue to appear on checklists but not in the literature, after 170+ years we believe them to be *nomina dubia* and therefore they have been removed from the checklist.

We have entered data from labels on specimens from many of the large collections of bruchids at our disposal into a database that we call BRUCOL (Romero and Johnson 2002a). We have also included in our checklist some general information that has not, as yet, been published but will be when this checklist is published (*e.g.*, Romero and Johnson 2004). Using this database, we generated the checklist.

About 23 years after the publication of the checklist of Johnson and Kingsolver, now we know that there are 334 species of Bruchidae in Mexico. Thus, new species and their new distribution records are being described at a rate as follows: from 1982 to 1989 or 8.62 species per year, and from 1990 to 2003 at a rate of 1.86 species per year in Mexico. The number of species per genus at different times is shown in Table 1.

Acknowledgments

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Subfamily Amblycerinae
Tribe Amblycerini
Genus *Amblycerus* Thunberg, 1815

A. acapulcensis Kingsolver, 1975: Mexico (Campeche, Colima, Guerrero, Oaxaca, Sinaloa, Veracruz).

- A. alternatus* (Pic), 1954a: Colombia, Costa Rica, Honduras, Mexico (Campeche, Colima, Chiapas, Durango, Jalisco, Morelos), Nicaragua, Panama.
- A. anosignatus* (Chevrolat), 1877a: Belize, Brazil, Guatemala, Mexico (Chiapas), Panama.
- A. atkinsoni* Romero, Johnson & Kingsolver, 1996: Mexico (Jalisco).
- A. baracoensis* Kingsolver, 1970: Costa Rica, Cuba, Mexico (Campeche, Yucatan), Paraguay.
- A. barcenae* (Dugès), 1880: Costa Rica, Guatemala, Mexico (Chiapas, Jalisco, Morelos, Oaxaca, Queretaro).
- A. biolleyi* (Pic), 1954b: Colombia, Costa Rica, Mexico (Veracruz), Nicaragua.
- A. cerdanicola* Kingsolver, 1970: Costa Rica, Virgin Islands, Mexico (San Luis Potosi), Nicaragua, Puerto Rico.
- A. championi* (Pic), 1913a: Costa Rica, Guatemala, Mexico (Veracruz), Nicaragua, Panama.
- A. chiapas* Romero, Johnson & Kingsolver, 1996: Mexico (Chiapas, Veracruz), Panama.
- A. cistelinus* (Gyllenhal), 1833: Belize, Brazil, Colombia, Costa Rica, Cuba, Guatemala, Honduras, Mexico (Campeche, Chiapas, Jalisco, Morelos, Oaxaca, Quintana Roo, San Luis Potosi, Tamaulipas, Veracruz, Yucatan), Nicaragua, Panama, Venezuela.
- A. cuernavacensis* Romero, Johnson & Kingsolver, 1996: Mexico (Morelos).
- A. epsilon* Kingsolver, 1980: Costa Rica, Guatemala, Mexico (Campeche, Colima, Guerrero, Jalisco, Michoacan, Oaxaca, Quintana Roo, Yucatan), Nicaragua, Venezuela.
- A. eustrophoides* (Schaeffer), 1904: Costa Rica, Cuba, Mexico (Quintana Roo, Tamaulipas, Veracruz), U.S.A.
- A. evangelinae* Romero, Johnson & Kingsolver, 1996: Costa Rica, Mexico (Chiapas, Guerrero, Oaxaca), Panama.
- A. gravidus* (Sharp), 1885: Guatemala, Mexico.
- A. guazumicola* Kingsolver & Johnson, 1971: Mexico (Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Sinaloa, Sonora).
- A. guerrerensis* Romero, Johnson & Kingsolver, 1996: Mexico (Chiapas, Guerrero), Panama.
- A. hespenheidei* Romero, Johnson & Kingsolver, 1996: Mexico (Veracruz).
- A. mariae* Romero, Johnson & Kingsolver, 1996: Costa Rica, El Salvador, Honduras, Mexico (Chiapas, Oaxaca), Nicaragua, Trinidad & Tobago, Venezuela.
- A. marmoratus* (Sharp), 1885: Mexico (Tabasco), Panama.
- A. multiflocculus* Kingsolver, 1980: Costa Rica, El Salvador, Mexico (Oaxaca), Panama.
- A. nigromarginatus* (Motschulsky), 1874: Bolivia, Brazil, Colombia, Mexico (Sinaloa), Puerto Rico, Surinam, U.S.A., Venezuela.
- A. obscurus* (Sharp), 1885: Belize, Colombia, Costa Rica, Guatemala, Mexico (Campeche, Guerrero, Michoacan, Nayarit, Oaxaca, Sinaloa, Tamaulipas, Veracruz), Nicaragua, Panama.
- A. perfectus* (Sharp), 1885: Brazil, Costa Rica, Honduras, Mexico (Colima, Chiapas, Jalisco, Michoacan, Morelos, Oaxaca), Venezuela.
- A. pictus* (Sharp), 1885: Costa Rica, Mexico (Nayarit), Nicaragua, Panama.
- A. piurae* (Pierce), 1915: Ecuador, Mexico (Michoacan), Peru, Venezuela.
- A. planifemur* (Chevrolat), 1877b: Mexico.
- A. pterocarpae* Kingsolver, 1980: Costa Rica, Mexico (Chiapas).
- A. pygidialis* (Suffrian), 1870: Cuba, Jamaica, Mexico (Chiapas).

- A. robiniae* (Fabricius), 1781: Mexico (Veracruz), U.S.A.
A. scutellaris (Sharp), 1885: Colombia, Costa Rica, El Salvador, Guatemala, Guyana, Mexico (Chiapas, Veracruz), Nicaragua, Panama, T. Cape, Deyr., Trinidad & Tobago, U.S.A.
A. serieguttatus (Chevrolat), 1877c: Costa Rica, Mexico (Campeche, Chiapas, Quintana Roo, Yucatan), Nicaragua, Venezuela.
A. spondiae Kingsolver, 1980: Costa Rica, El Salvador, Guatemala, Mexico (Campeche, Chiapas, Guerrero, Jalisco, Morelos, Oaxaca, Quintana Roo), Nicaragua, Panama.
A. stridulator Kingsolver, Romero & Johnson, 1993: Costa Rica, Mexico (Jalisco, Oaxaca, Sinaloa), Venezuela.
A. teutoniensis Ribeiro-Costa & Kingsolver, 1993: Brazil, Mexico (Oaxaca), Paraguay.
A. trisignatus (Sharp), 1885: Belize, Guatemala, Mexico, Panama.
A. veracruz Romero, Johnson & Kingsolver, 1996: Mexico (Veracruz).

Tribe Spermophagini

Genus *Zabrotes* Horn, 1885

- Z. achioti* Romero & Johnson, 2000: Bonaire, Colombia, Costa Rica, El Salvador, Mexico (Chiapas, Guerrero, Jalisco, Morelos, Oaxaca), Nicaragua, Venezuela.
Z. amplissimus Kingsolver, 1990c: Mexico (Durango, Queretaro, San Luis Potosi, Sinaloa, Tamaulipas), U.S.A.
Z. bexarensis Kingsolver, 1990c: Mexico (Michoacan, Oaxaca, Sinaloa), U.S.A.
Z. californiensis Romero & Johnson, 2000: Mexico (Baja California).
Z. chavesi Kingsolver, 1980: Costa Rica, El Salvador, Honduras, Mexico (Baja California Norte, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, Sinaloa, Sonora, Tamaulipas), Nicaragua, U.S.A., Venezuela.
Z. densus (Horn), 1885: Costa Rica, Guatemala, Honduras, Mexico (Colima, Chihuahua, Guanajuato, Guerrero, Jalisco, Morelos, Puebla, Quintana Roo, Sinaloa, Veracruz), Nicaragua, Panama, U.S.A.
Z. flemingia Romero & Johnson, 2000: Brazil, Colombia, Costa Rica, El Salvador, Mexico (Yucatan), Panama, Venezuela.
Z. guerrerensis Romero & Johnson, 2000: Mexico (Guerrero).
Z. interstitialis (Chevrolat), 1871: Costa Rica, El Salvador, Mexico (Chiapas), Nicaragua, Panama, Venezuela.
Z. ixtapan Romero & Johnson, 2000: Mexico (Estado de Mexico).
Z. moctezuma Romero & Johnson, 2000: Mexico (Sonora).
Z. obliteratus (Horn), 1885: Costa Rica, El Salvador, Mexico (Baja California Sur, Colima, Chiapas, Chihuahua, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, San Luis Potosi, Sinaloa, Sonora, Veracruz, Yucatan), U.S.A.
Z. planifrons (Horn), 1885: Costa Rica, Mexico (Baja California Sur, Colima, Chihuahua, Durango, Jalisco, Morelos, Nayarit, Queretaro, Sinaloa, Sonora), U.S.A.
Z. propinquus (Sharp), 1885: Costa Rica, El Salvador, Guatemala, Mexico (Chiapas, Estado de Mexico, Guerrero, Morelos, Nayarit, Oaxaca, Sonora, Yucatan), Nicaragua, Panama, Venezuela.
Z. sinaloensis Romero & Johnson, 2000: Mexico (Sinaloa).
Z. spectabilis (Horn), 1885: Mexico (Baja California Norte, Baja California Sur, Durango, Morelos, Sonora, Zacatecas), U.S.A.
Z. subfasciatus (Boheman), 1833: Old and New Worlds, cosmopolitan.

- Z. sylvestris* Romero & Johnson, 1999: Mexico (Durango, Guanajuato, Morelos, Puebla), U.S.A.
Z. victoriensis Kingsolver, 1990c: Mexico (Baja California Norte, Sinaloa), U.S.A.

Subfamily Bruchinae
 Tribe Acanthoscelidini
 Genus *Abutiloneus* Bridwell, 1946

Abutiloneus idoneus Bridwell, 1946: Mexico (Baja California Sur, Coahuila, Guanajuato, Guerrero, Nuevo Leon, Queretaro, Sinaloa, Sonora, Tamaulipas, U.S.A.)

Genus *Acanthoscelides* Schilsky, 1905

- A. aequalis* (Sharp), 1885: Mexico (Campeche, Colima, Guanajuato, Jalisco, Puebla, Queretaro, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), U.S.A.
A. alboscuteollatus (Horn), 1873: Mexico (Veracruz), U.S.A.
A. amabilis Johnson, 1983: Mexico (Michoacan, Morelos).
A. andrewsi Johnson, 1990a: Mexico (Nayarit).
A. anoditus Johnson, 1983: Mexico (Chiapas, Estado de Mexico, Guanajuato, Jalisco, Michoacan, Morelos, Oaxaca, Puebla, Queretaro, Sonora, Tamaulipas).
A. apicalis (Sharp), 1885: Colombia, Costa Rica, Haiti, Mexico, (Campeche, Veracruz), Panama, Venezuela.
A. argillaceus (Sharp), 1885: Brazil, Colombia, Costa Rica, Chile, Guadalupe, Guatemala, Haiti, Honduras, Mexico (Colima, Michoacan, Morelos, Oaxaca, Puebla, Quintana Roo, Veracruz), Panama, Peru, Trinidad, Venezuela.
A. argutus (Sharp), 1885: Brazil, Colombia, Costa Rica, Ecuador, Guatemala, Mexico, Panama, Venezuela.
A. aureoliaster Johnson, 1990a: Mexico (Estado de Mexico).
A. aureolus (Horn), 1873: Canada, Mexico (Durango, Guanajuato), U.S.A.
A. baboquivari Johnson, 1974: Mexico (Michoacan), U.S.A.
A. bellus Johnson, 1983: Mexico (Nayarit, Oaxaca).
A. bisignatus (Horn), 1873: Mexico, U.S.A.
A. biustulus (Fall), 1910: Mexico (Durango, Hidalgo, Morelos, Oaxaca, Queretaro, Sonora), U.S.A.
A. blanchardi Johnson, 1983: Mexico (Jalisco).
A. boneti Johnson, 1983: Guatemala, Honduras, Mexico (Chiapas, Guerrero, Oaxaca, Puebla).
A. brevipes (Sharp), 1885: Costa Rica, Guatemala, Honduras, Mexico (Baja California Sur, Campeche, Guerrero, Jalisco, Michoacan, Nayarit, Oaxaca, Sinaloa, Sonora, Veracruz, Yucatan), Nicaragua, Panama, Venezuela.
A. burkei Johnson, 1983: Mexico (Morelos, Sinaloa).
A. calvus (Horn), 1873: Mexico (Tamaulipas), U.S.A.
A. campeche Johnson, 1983: Mexico (Campeche, Chiapas, Quintana Roo, Veracruz, Yucatan).
A. chiapas Johnson, 1983: Mexico (Chiapas).
A. chiricahuae (Fall), 1910: Mexico (Baja California, Baja California Sur, Coahuila, Chiapas, Chihuahua, Durango, Estado de Mexico, Guanajuato, Hidalgo, Jalisco, Michoacan, Morelos, Oaxaca, Puebla, Queretaro, San Luis Potosi, Sonora, Veracruz, Zacatecas), U.S.A.
A. clandestinus (Motschulsky), 1874: Brazil, Colombia, Guatemala, Mexico (Campeche, Michoacan, Morelos), Panama, Surinam, Venezuela.

- A. clitellarius* (Fähræus), 1839: Brazil, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico (Colima, Chiapas, Guerrero, Jalisco, Michoacan, Morelos, Oaxaca), Nicaragua, Venezuela.
- A. compressicornis* (Schaeffer), 1907: Guatemala, Mexico (Coahuila, Chiapas, Michoacan, Nuevo Leon, Oaxaca, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), U.S.A.
- A. comstocki* Johnson, 1990a: Mexico (Chihuahua), U.S.A.
- A. cordifer* (Sharp), 1885: Costa Rica, Guatemala, Honduras, Mexico (Chiapas, Guerrero, Michoacan, Morelos, Oaxaca, Tlaxcala, Veracruz).
- A. cornis* Johnson, 1983: Mexico (Guerrero, Jalisco, Michoacan, Morelos, Oaxaca, Puebla).
- A. cuernavaca* Johnson, 1983: Mexico (Distrito Federal, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Sinaloa, Sonora, Veracruz).
- A. daleae* Johnson, 1970: Mexico (Baja California Sur, Sonora), U.S.A.
- A. derifieldi* Johnson, 1977a: Mexico (Baja California Sur, Sonora).
- A. desmanthi* Johnson, 1977a: Colombia, Guatemala, Mexico (Chiapas, Guanajuato, Guerrero, Jalisco, Michoacan, Nuevo Leon, Oaxaca, Queretaro, Sinaloa, Sonora, Tamaulipas, Veracruz), Puerto Rico, U.S.A., Venezuela.
- A. desmodicola* Johnson, 1983: Mexico (Jalisco, Morelos, Queretaro, Sonora, Veracruz), U.S.A.
- A. desmoditus* Johnson, 1983: Costa Rica, Ecuador, El Salvador, Guatemala, Mexico (Chiapas, Estado de Mexico, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, Sinaloa, Veracruz), Panama, Venezuela.
- A. difficilis* (Sharp), 1885: Belize, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Chiapas, Guerrero, Morelos, Nayarit, Oaxaca, Puebla, Veracruz), Nicaragua, Panama, Venezuela.
- A. distinguendus* (Horn), 1873: Mexico, U.S.A.
- A. elevatus* (Sharp), 1885: Belize, Costa Rica, Guatemala, Honduras, Mexico (Chiapas, Oaxaca, Puebla, San Luis Potosi, Tabasco, Veracruz), Nicaragua, Panama.
- A. elkinae* Johnson, 1983: Mexico (Oaxaca), Venezuela.
- A. elongatus* (Pic), 1933: Mexico.
- A. eriosemicola* Johnson, 1983: Mexico (Guerrero, Morelos).
- A. flavescens* (Fähræus), 1839: Bonaire, Brazil, Colombia, Costa Rica, Dominican Republic, Ecuador, Grenada, Grenadines, Guadalupe, Guatemala, Guyana, Honduras, Jamaica, Mexico (Campeche, Colima, Chiapas, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Queretaro, Quintana Roo, San Luis Potosi, Sinaloa, Veracruz, Yucatan), Nicaragua, Panama, Peru, Puerto Rico, St. Croix, St. John, St. Vincent, Tortola Island, Trinidad & Tobago, Union Island, USA, Venezuela, Virgin Islands.
- A. fraterculus* (Horn), 1873: Canada, Mexico (Tlaxcala, Veracruz), U.S.A.
- A. fryxelli* Johnson, 1983: Mexico (Baja California Sur, Nayarit, Sinaloa, Veracruz).
- A. fumatus* (Schaeffer), 1907: Mexico (Coahuila, Chihuahua, Durango), U.S.A.
- A. griseolus* (Fall), 1910: Costa Rica, Ecuador, El Salvador, Mexico (Campeche, Colima, Guerrero, Jalisco, Morelos, Nayarit, Oaxaca, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), Nicaragua, Panama, U.S.A., Venezuela.
- A. guatemala* Johnson, 1990a: Guatemala, Mexico (Oaxaca).
- A. guazumae* Johnson & Kingsolver, 1971: Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Campeche, Colima, Chiapas, Jalisco, Morelos, Nayarit, Oaxaca, Sonora, Tamaulipas, Veracruz), Nicaragua, Panama.
- A. guerrero* Johnson, 1983: El Salvador, Mexico (Guanajuato, Guerrero, Michoacan, Nayarit, Oaxaca, Queretaro).

- A. hectori* Kingsolver, 1980: Colombia, Costa Rica, El Salvador, Mexico (Tabasco, Veracruz), Panama.
- A. herissantitus* Johnson, 1983: Mexico (Guanajuato, Jalisco, Queretaro, Sonora).
- A. hibiscicola* Johnson, 1983: Mexico (Oaxaca).
- A. howdenorum* Johnson, 1983: Mexico (Oaxaca).
- A. jardín* Johnson, 1983: Mexico (Hidalgo, San Luis Potosí, Veracruz).
- A. johni* Johnson, 1983: Mexico (Campeche, Yucatan).
- A. johnsoni* Kingsolver, 1980: Colombia, Costa Rica, Honduras, Mexico (Guanajuato, Guerrero, Michoacan, Morelos, Oaxaca, Queretaro), Panama.
- A. jolyi* Johnson, 1990*b*: Mexico (Michoacan), Venezuela.
- A. kingsolveri* Johnson, 1974: Colombia, Costa Rica, Guatemala, Honduras, Mexico (Colima, Chiapas, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Sinaloa, Sonora, Veracruz), Panama, U.S.A.
- A. leisneri* Johnson, 1983: Mexico (Morelos).
- A. leucaenica* Johnson, 1983: Guatemala, Honduras, Mexico (Chiapas, Guerrero, Jalisco, Nayarit, Oaxaca, Puebla, Sinaloa, Tamaulipas).
- A. lichenicola* Johnson, 1983: Mexico (Oaxaca).
- A. lobatus* (Fall), 1910: Mexico (Chihuahua), U.S.A.
- A. luteus* Johnson, 1983: Mexico (Chiapas, Estado de Mexico, Michoacan, Morelos, Puebla, Queretaro), Panama.
- A. macrophthalmus* (Schaeffer), 1907: Africa, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Baja California Sur, Campeche, Chiapas, Guerrero, Hidalgo, Jalisco, Nuevo Leon, Oaxaca, Puebla, Quintana Roo, San Luis Potosí, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), Nicaragua, Thailand, U.S.A.
- A. malvastrumicis* Johnson, 1983: Honduras, Mexico (Guanajuato, Oaxaca, Tamaulipas).
- A. malvitus* Johnson, 1983: Guatemala, Mexico (Chiapas, Oaxaca).
- A. manducus* Johnson, 1983: Brazil, Guatemala, Mexico (Oaxaca), Panama, Venezuela.
- A. mankinsi* Johnson, 1983: Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Chiapas, Durango, Hidalgo, Jalisco, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Sinaloa, Sonora, Tamaulipas, Veracruz), Nicaragua, Panama.
- A. mazatlan* Johnson, 1983: Mexico (Campeche, Chiapas, Estado de Mexico, Guerrero, Morelos, Quintana Roo, Sinaloa, Tamaulipas, Veracruz, Yucatan), Nicaragua.
- A. megacornis* Kingsolver, 1980: Costa Rica, Dominica, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico (Colima, Chiapas, Durango, Estado de Mexico, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Sinaloa, Veracruz), Nicaragua, Panama, St. Vincent, U.S.A., Venezuela.
- A. merida* Johnson, 1983: Mexico (Yucatan).
- A. mexicanus* (Sharp), 1885: Costa Rica, Ecuador, Guatemala, Mexico (Aguascalientes, Baja California, Colima, Durango, Estado de México, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Queretaro, Sinaloa, Sonora, Tamaulipas, Tlaxcala), Panama.
- A. mimosicola* Johnson, 1983: Mexico (Colima, Guerrero, Morelos, Nayarit).
- A. mixtus* (Horn), 1873: Mexico (Chihuahua, Durango), U.S.A.
- A. modestus* (Sharp), 1885: Argentina, Brazil, Colombia, Guatemala, Honduras, Mexico (Durango, Guanajuato, Jalisco, Morelos, Nayarit, Oaxaca, Sinaloa), Panama, Puerto Rico, U.S.A.
- A. mundulus* (Sharp), 1885: Mexico (Chiapas, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Oaxaca, Puebla, Sonora, Veracruz, Yucatan), Panama, U.S.A.
- A. oaxaca* Johnson, 1983: Mexico (Distrito Federal, Durango, Morelos, Nayarit, Oaxaca, Sinaloa).

- A. oblongoguttatus* (Fähræus), 1839: El Salvador, Guatemala, Mexico (Campeche, Guerrero, Oaxaca, San Luis Potosi, Veracruz).
- A. obrienorum* Johnson, 1970: Costa Rica, El Salvador, Guatemala, Jamaica, Mexico (Baja California Sur, Chihuahua, Michoacan, Morelos, Oaxaca, Puebla, Queretaro, Sonora, Yucatan), Nicaragua, U.S.A.
- A. obtectus* (Say), 1831: Old and New World, cosmopolitan.
- A. obvelatus* Bridwell, 1942: Colombia, Cuba, Guatemala, Haiti, Mexico (Chiapas, Estado de Mexico, Hidalgo, Morelos).
- A. orlandi* Johnson, 1983: Ecuador, Mexico (Michoacan, Veracruz).
- A. palmasola* Johnson, 1983: Mexico (Campeche, Hidalgo, Veracruz).
- A. pavoniestes* Johnson, 1983: Mexico (Michoacan, Nayarit).
- A. pectoralis* (Horn), 1873: Mexico (Nuevo Leon), U.S.A.
- A. pedicularius* (Sharp), 1885: Guatemala, Mexico (Guanajuato, Michoacan, Morelos, Oaxaca, Queretaro), U.S.A.
- A. pertinax* (Sharp), 1885: Antilles, Belize, Colombia, Costa Rica, El Salvador, Guatemala, Mexico (Campeche, Jalisco, Michoacan, Morelos, Oaxaca, Veracruz), Nicaragua, Panama, Venezuela.
- A. petalopygus* Kingsolver, 1980: Costa Rica, Mexico (Chiapas).
- A. prosopoides* (Schaeffer), 1907: Mexico (Durango, Nuevo Leon, Sonora), U.S.A.
- A. puellus* (Sharp), 1885: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Chiapas, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, Sinaloa, Veracruz), Nicaragua, Panama.
- A. pullus* (Fall), 1910: Mexico (Baja California, Durango), U.S.A.
- A. puniceus* Johnson, 1983: Mexico (Chiapas, Nayarit, Sinaloa).
- A. pusillimus* (Sharp), 1885: Honduras, Mexico (Chiapas, Distrito Federal, Durango, Estado de Mexico, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, Tamaulipas, Veracruz), Nicaragua, Venezuela.
- A. quadridentatus* (Schaeffer), 1907: Australia, Bolivia, Brazil, Colombia, Costa Rica, Guatemala, Honduras, Mexico (Campeche, Chiapas, Guerrero, Morelos, Oaxaca, Tabasco, Tamaulipas, Veracruz), Nicaragua, Panama, Paraguay, U.S.A., Venezuela.
- A. rhynchosiestes* Johnson, 1983: Mexico (Morelos, Oaxaca, Sinaloa, Sonora).
- A. ruficoxis* (Sharp), 1885: Costa Rica, Guatemala, Mexico (Oaxaca), Nicaragua.
- A. rufovittatus* (Schaeffer), 1907: Colombia, El Salvador, Jamaica, Mexico (Baja California Sur, Colima, Durango, Guanajuato, Guerrero, Jalisco, Michoacan, Oaxaca, Sonora), Panama, U.S.A., Venezuela.
- A. sanblas* Johnson, 1983: Honduras, Mexico (Campeche, Guerrero, Nayarit, Oaxaca, Quintana Roo, Sonora, Veracruz, Yucatan).
- A. sanfordi* Johnson, 1983: Costa Rica, El Salvador, Guatemala, Mexico (Campeche, Guerrero, Michoacan, Morelos, Veracruz, Yucatan), Nicaragua.
- A. schaefferi* (Pic), 1912: Mexico (Durango, Guerrero, Sinaloa, Sonora), U.S.A.
- A. schrankiae* (Horn), 1873: Bahamas, Brazil, Dominican Republic, Ecuador, Mexico (Campeche, Coahuila, Estado de México, Guerrero, Jalisco, Michoacan, Nayarit, Oaxaca, Quintana Roo, Yucatan), U.S.A., Venezuela.
- A. schubertae* Johnson, 1983: Belize, Guatemala, Honduras, Mexico (Quintana Roo, San Luis Potosi Veracruz, Yucatan).
- A. sleeperi* Johnson, 1983: Mexico (Baja California Norte, Baja California Sur, Colima, Jalisco, Sinaloa, Sonora, Yucatan).
- A. sousai* Johnson, 1983: Guatemala, Mexico (Veracruz).
- A. speciosus* (Schaeffer), 1907: Mexico (Durango, Guanajuato, Morelos, Nuevo Leon, Oaxaca, Tamaulipas), U.S.A.
- A. stylifer* (Sharp), 1885: Mexico (Durango, Hidalgo, Queretaro), Nicaragua, U.S.A.

- A. suaveolus* (Sharp), 1885: Brazil, Costa Rica, Honduras, Mexico (Campeche, Chiapas, Nayarit, Quintana Roo, Veracruz), Nicaragua, Panama.
- A. subaequalis* Johnson, 1970: Mexico (Baja California Sur, Coahuila, Colima, Guerrero, Michoacan, Morelos, Nayarit, Nuevo Leon, Sinaloa, Sonora, Veracruz), U.S.A.
- A. submuticus* (Sharp), 1885: Mexico, U.S.A.
- A. surrufus* Johnson, 1983: Mexico (Oaxaca).
- A. taboga* Johnson, 1983: Belize, Colombia, Costa Rica, El Salvador, Honduras, Mexico, Panama, Peru, Surinam, Venezuela.
- A. tepic* Johnson, 1983: Mexico (Nayarit).
- A. tridenticulatus* Bottimer, 1969: Mexico (Nayarit), U.S.A.
- A. triumphetae* Kingsolver, 1980: Costa Rica, Guatemala, Honduras, Mexico (Campeche, Chiapas, Morelos, Nayarit, Oaxaca, Quintana Roo, Veracruz).
- A. univittatus* (Pic), 1930: Brazil, Colombia, Mexico (Tamaulipas), Venezuela.
- A. vexatus* (Sharp), 1885: Mexico (San Luis Potosi, Veracruz).
- A. wicki* Johnson, 1983: Mexico (Chiapas, Oaxaca).
- A. yecora* Johnson, 1983: Mexico (Jalisco, Morelos, Sonora).
- A. zacatlan* Johnson, 1990a: Mexico (Puebla).
- A. zeteki* Kingsolver, 1969: Colombia, Costa Rica, Guatemala, Honduras, Mexico (Campeche, Guerrero, Jalisco, Michoacan, Queretaro, Quintana Roo, Sinaloa, Sonora, Veracruz, Yucatan), Nicaragua, Panama, Trinidad & Tobago, Venezuela, Virgin Islands.

Genus *Algarobius* Bridwell, 1946

- A. atratus* Kingsolver, 1986: Mexico (Durango, Guanajuato, Hidalgo, Jalisco, Puebla, San Luis Potosi, Zacatecas).
- A. bottimeri* Kingsolver, 1972: Costa Rica, Mexico (Coahuila, Nuevo Leon, Tamaulipas), U.S.A.
- A. johnsoni* Kingsolver, 1986: Mexico (Aguascalientes, Coahuila, Chihuahua, Distrito Federal, Durango, Estado de Mexico, Guanajuato, Hidalgo, Jalisco, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Veracruz, Zacatecas), U.S.A.
- A. nicoya* Kingsolver, 1986: Costa Rica, Mexico (Colima, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Oaxaca, Sinaloa, Sonora), Nicaragua.
- A. prosopis* (Leconte), 1858: Mexico (Baja California Norte, Baja California Sur, Durango, Oaxaca, Puebla, Sonora), United Arab Emirates, U.S.A.

Genus *Caryedes* Hummel, 1827

- C. brasiliensis* (Thunberg), 1816: Argentina, Belize, Brazil, Costa Rica, Ecuador, El Salvador, Guyana, Honduras, Mexico (Tamaulipas), Nicaragua, Panama, Trinidad & Tobago.
- C. cavatus* Kingsolver & Whitehead, 1974b: Colombia, Costa Rica, Mexico (Oaxaca), Panama.
- C. helvinus* (Motschulsky), 1874: Belize, Bolivia, Brazil, Colombia, Costa Rica, Honduras, Mexico (Oaxaca, Tabasco), Nicaragua, Panama, Peru, St. Vincent & Grenadines, Venezuela.
- C. incrustatus* (Gyllenhal), 1833: Bolivia, Brazil, Colombia, Mexico (Veracruz), Panama, Venezuela.

- C. juno* (Sharp), 1885: Colombia, Costa Rica, Guatemala, Mexico (Jalisco, Nayarit, Oaxaca, Quintana Roo, Tamaulipas, Yucatan), Panama, Venezuela.
- C. longicollis* (Fähræus), 1839: Costa Rica, El Salvador, Guatemala, Jamaica, Mexico (Chiapas, Durango, Estado de Mexico, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Veracruz), Nicaragua, Panama.
- C. quadridens* (Jekel), 1855: Belize, Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Guyana, Mexico (Nayarit, Puebla, Quintana Roo, San Luis Potosi, Tamaulipas, Veracruz), Panama, Paraguay, Venezuela.
- C. stictocodius* Kingsolver & Whitehead, 1974*b*: Costa Rica, Mexico (Nayarit, Veracruz).
- C. x-liturus* (Pic), 1931: Bolivia, Brazil, Colombia, Costa Rica, Mexico (Oaxaca), Panama, Venezuela.

Genus *Cosmobruchus* Bridwell, 1931

- C. russelli* Bridwell, 1931: Mexico (Guerrero, Michoacan, Nayarit, Oaxaca).

Genus *Ctenocolum* Kingsolver & Whitehead, 1974*a*

- C. acapulcensis* Kingsolver & Whitehead, 1974*a*: Costa Rica, Mexico (Guerrero, Jalisco).
- C. colburni* Kingsolver & Whitehead, 1974*a*: Costa Rica, Guatemala, Honduras, Mexico (Veracruz).
- C. janzeni* Kingsolver & Whitehead, 1974*a*: Costa Rica, Mexico (Jalisco, Morelos, Oaxaca, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Veracruz).
- C. martiale* Kingsolver & Whitehead, 1974*a*: Mexico (Guerrero, Jalisco, Michoacan, Nayarit, Oaxaca, Veracruz), Trinidad & Tobago.
- C. podagricus* Fabricius, 1801: Brazil, Costa Rica, Ecuador, El Salvador, Guyana, Jamaica, Mexico (Campeche, Chiapas, Jalisco, Queretaro, Quintana Roo, Sinaloa, Veracruz), Peru, Puerto Rico, Trinidad & Tobago, Venezuela.
- C. tuberculatum* (Motschulsky), 1874: Costa Rica, Guatemala, Mexico (Jalisco, Nayarit, Oaxaca, Yucatan), Panama, Venezuela.

Genus *Dahlibruchus* Bridwell, 1931

- D. conradti* Bridwell, 1931: Mexico (Distrito Federal, Estado de Mexico, Guerrero, Jalisco, Michoacan, Morelos, Queretaro, Sinaloa).

Genus *Gibbobruchus* Pic, 1913*b*

- G. cristicollis* (Sharp), 1885: Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Durango, Guerrero, Hidalgo, Michoacan, Oaxaca, Quintana Roo, San Luis Potosi, Tamaulipas, Veracruz), Nicaragua, U.S.A.
- G. divaricatae* Whitehead & Kingsolver, 1975: Honduras, Mexico (Campeche, Estado de Mexico, Guerrero, Nayarit, Oaxaca, Quintana Roo, San Luis Potosi, Tabasco, Tamaulipas, Veracruz), U.S.A.
- G. guanacaste* Whitehead & Kingsolver, 1975: Costa Rica, El Salvador, Jamaica, Mexico (Guerrero, Jalisco, Sinaloa, Veracruz), Nicaragua, Venezuela.

- G. iturbidensis* Whitehead & Kingsolver, 1975: Mexico (Nuevo León, Quintana Roo, Veracruz).
G. mimus (Say), 1831: Mexico (Hidalgo, Nuevo Leon, Puebla, San Luis Potosi, Tamaulipas, Veracruz), Panama, U.S.A.
G. wunderlini Whitehead & Kingsolver, 1975: Guatemala, Mexico (Oaxaca, Puebla).

Genus *Margaritabruchus* Romero & Johnson, 2001

- M. cherylae* Romero & Johnson, 2001: Mexico (Oaxaca).

Genus *Meganeltumius* Romero & Johnson, 2003b

- M. juani* Romero & Johnson, 2003b: Mexico (Guanajuato, Queretaro).

Genus *Meibomeus* Bridwell, 1946

- M. apicicornis* (Pic), 1933: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Aguascalientes, Campeche, Chiapas, Oaxaca, Queretaro, Quintana Roo, San Luis Potosi, Sinaloa, Tamaulipas, Veracruz), Nicaragua, Panama, U.S.A.
M. campbelli Kingsolver & Whitehead, 1976: Costa Rica, El Salvador, Mexico (Chiapas, Oaxaca), Panama.
M. cyanipennis (Sharp), 1885: Belize, Brazil, Colombia, Guatemala, Honduras, Mexico (Chiapas, Veracruz), Panama, Venezuela.
M. desmoporthus Kingsolver & Whitehead, 1976: Costa Rica, Mexico (Guanajuato, Hidalgo, Michoacan, Morelos, Nuevo Leon, Queretaro, Sinaloa, Tamaulipas), U.S.A.
M. hidalgoi Kingsolver & Whitehead, 1976: Mexico (Chiapas, Estado de Mexico, Guanajuato, Guerrero, Morelos).
M. howdeni Kingsolver & Whitehead, 1976: Costa Rica, El Salvador, Mexico (Michoacan), Nicaragua.
M. jacki Romero & Johnson, 2002b: Mexico (Oaxaca), Venezuela.
M. juarez Romero & Johnson, 2002b: Mexico (Oaxaca).
M. mitchelli Kingsolver & Whitehead, 1976: Guatemala, Mexico (Durango, Estado de Mexico, Jalisco, Oaxaca, Sinaloa, Tamaulipas).
M. ptinoides (Sharp), 1885: Costa Rica, Guatemala, Honduras, Mexico (Jalisco, Michoacan, Morelos, Oaxaca, Quintana Roo, Veracruz, Yucatan).
M. rodneyi Romero & Johnson, 2002b: Mexico (Oaxaca).
M. serraticulus (Sharp), 1885: Mexico (Durango, Estado de Mexico, Guanajuato, Hidalgo, Jalisco, Michoacan, Morelos, Oaxaca, Sinaloa, Tamaulipas).
M. surrubesus (Pic), 1933: Argentina, Belize, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico (Campeche, Chiapas, Durango, Estado de Mexico, Michoacan, Morelos, Nayarit, Oaxaca, Sinaloa, Veracruz), Nicaragua, Panama, Paraguay, Trinidad & Tobago, U.S.A., Venezuela.
M. viduus (Sharp), 1885: El Salvador, Guatemala, Honduras, Mexico (Oaxaca).
M. vittaticollis Kingsolver & Whitehead, 1976: Mexico (Durango, Estado de Mexico, Sinaloa).
M. wenzeli Kingsolver & Whitehead, 1976: Guatemala, Mexico (Chiapas, Oaxaca), Nicaragua.

Genus *Merobruchus* Bridwell, 1946

- M. boucheri* Kingsolver, 1980: Brazil, Costa Rica, Cuba, Honduras, Mexico (Baja California Sur, Guerrero, Jalisco, Michoacan, Nayarit, Oaxaca, Quintana Roo, Sinaloa, Sonora), Panama, Venezuela.
- M. chetumalae* Kingsolver, 1988: Mexico (Campeche, Quintana Roo, Yucatan), Nicaragua.
- M. columbinus* (Sharp), 1885: Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Chiapas, Quintana Roo), Nicaragua, Panama, Trinidad & Tobago, Venezuela.
- M. hastatus* Kingsolver, 1988: Costa Rica, Mexico, (Morelos), Nicaragua.
- M. insolitus* (Sharp), 1885: Costa Rica, Guatemala, Honduras, Mexico (Baja California Sur, Campeche, Chiapas, Durango, Estado de México, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Nuevo León, Oaxaca, Puebla, Queretaro, Quintana Roo, Sinaloa, Sonora, Tamaulipas, Yucatan), Nicaragua, U.S.A., Venezuela.
- M. julianus* (Horn), 1894: Mexico (Baja California, Coahuila, Chihuahua, Morelos, Nuevo Leon, Sonora, Tamaulipas), U.S.A.
- M. knulli* (White), 1941: El Salvador, Guatemala, Honduras, Mexico (Jalisco, Michoacan, Morelos, Oaxaca, Sonora), U.S.A.
- M. lineaticollis* (Sharp), 1885: Guatemala, Mexico (Chiapas).
- M. lysilomae* Kingsolver, 1988: Bahamas, Cuba, Haiti, Mexico (Guerrero), U.S.A.
- M. major* (Fall), 1912: Mexico (Hidalgo, Tamaulipas), U.S.A.
- M. placidus* (Horn), 1873: Belize, Colombia, Costa Rica, Guatemala, Mexico (Baja California, Campeche, Colima, Chiapas, Chihuahua, Durango, Estado de Mexico, Guanajuato, Guerrero, Jalisco, Morelos, Nayarit, Oaxaca, San Luis Potosi, Sinaloa, Sonora, Tabasco, Veracruz, Yucatan), U.S.A., Venezuela.
- M. politus* Kingsolver, 1988: Mexico (Chihuahua, Distrito Federal, Durango, Estado de México, Guanajuato, Hidalgo, Queretaro, Tlaxcala).
- M. porphyreus* Kingsolver, 1988: Mexico (Chiapas, Durango, Jalisco, Sinaloa, Tamaulipas, Veracruz), Nicaragua.
- M. santarosae* Kingsolver, 1980: Costa Rica, Honduras, Mexico (Guerrero, Morelos, Puebla, San Luis Potosi, Sinaloa, Sonora, Tamaulipas), Nicaragua.
- M. solitarius* (Sharp), 1885: Guatemala, Mexico (Chiapas, Estado de México, Michoacan, Oaxaca, Puebla, Veracruz).
- M. sonorensis* Kingsolver, 1980: Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Campeche, Chiapas, Guanajuato, Guerrero, Jalisco, Nayarit, Oaxaca, Quintana Roo, Sinaloa, Sonora), Nicaragua.
- M. terani* Kingsolver, 1980: Costa Rica, Guatemala, Honduras, Mexico (Campeche, Guerrero, Jalisco, Morelos, Nuevo Leon, Oaxaca, Puebla, Sonora, Yucatan), U.S.A.
- M. triacanthus* Kingsolver, 1988: Mexico (Colima, Michoacan, Morelos, Oaxaca, Sinaloa).
- M. vacillator* (Sharp), 1885: Mexico (Chihuahua, Distrito Federal, Durango, Guanajuato, Guerrero, Jalisco, Morelos, Oaxaca, Puebla, Queretaro, Tamaulipas), U.S.A.
- M. xanthopygus* Kingsolver, 1988: Guatemala, Honduras, Mexico (Estado de Mexico, Guerrero, Jalisco, Morelos, Oaxaca, Puebla).

Genus *Mimosestes* Bridwell, 1946

- M. acaciastes* Kingsolver & Johnson, 1978: Mexico (Chihuahua, Durango, Guerrero, Morelos, Nuevo Leon, Oaxaca, Puebla, Queretaro, San Luis Potosi, Sonora, Tamaulipas, Veracruz), U.S.A.

- M. amicus* (Horn), 1873: Costa Rica, Israel, Mexico (Aguascalientes, Baja California Sur, Coahuila, Colima, Chihuahua, Durango, Estado de México, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Nuevo León, Oaxaca, Puebla, Queretaro, Sinaloa, Sonora, Tamaulipas, Veracruz), Nicaragua, Puerto Rico, U.S.A.
- M. anomalus* Kingsolver & Johnson, 1978: Honduras, Mexico (Chiapas, Oaxaca, Veracruz), Nicaragua.
- M. cinerifer* (Fähræus), 1839: Guatemala, Mexico (Campeche, Chiapas, Guerrero, Oaxaca, Puebla, Tamaulipas, Veracruz).
- M. humeralis* (Gyllenhal), 1833: El Salvador, Guatemala, Honduras, Mexico (Colima, Chiapas, Durango, Estado de Mexico, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, Sinaloa, Sonora, Veracruz, Zacatecas), Nicaragua.
- M. janzeni* Kingsolver & Johnson, 1978: Honduras, Mexico (Colima, Chiapas, Guerrero, Jalisco, Morelos, Nayarit, Oaxaca, Puebla, Sonora, Veracruz), Nicaragua.
- M. mimosae* (Fabricius), 1781: Algeria, Aruba, Azores, Brazil, Colombia, Costa Rica, Cuba, Curaçao, Dominican Republic, El Salvador, Egypt, France, Germany, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico (Campeche, Colima, Chiapas, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Queretaro, Quintana Roo, San Luis Potosi, Sinaloa, Sonora, Veracruz, Yucatan), Nicaragua, Puerto Rico, Santo Domingo, Spain, Trinidad, Turkey, U.S.A., Venezuela, Virgin Islands.
- M. nubigena* (Motschulsky), 1874: Brazil, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, Guatemala, Honduras, Mexico (Aguascalientes, Baja California, Campeche, Coahuila, Colima, Chiapas, Chihuahua, Durango, Estado de Mexico, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Veracruz, Zacatecas), Nicaragua, New Caledonia, Panama, U.S.A.
- M. obscuriceps* (Sharp), 1885: Mexico (Tamaulipas, Veracruz).
- M. playazul* Johnson, 1983: Mexico (Chiapas, Michoacan).
- M. protractus* (Horn), 1873: Mexico (Aguascalientes, Baja California, Durango, Michoacan, Nayarit, Nuevo Leon, Queretaro, Sonora, Zacatecas), U.S.A.
- M. ulkei* (Horn), 1873: Mexico (Baja California Sur, Sinaloa, Sonora), U.S.A.
- M. viduatus* (Sharp), 1885: Costa Rica, Guatemala, Mexico (Campeche, Jalisco, Oaxaca, Quintana Roo, Sinaloa, Yucatan), Nicaragua, Panama.

Genus *Neltumius* Bridwell, 1946

- N. arizonensis* (Schaeffer), 1904: Mexico (Durango), U.S.A.
- N. dospatrias* Romero & Johnson, 2003a: Mexico (Nuevo Leon, Queretaro), U.S.A.
- N. gibbithorax* (Schaeffer), 1904: Mexico, U.S.A.
- N. texanus* (Schaeffer), 1904: Mexico (Nuevo Leon, Queretaro, San Luis Potosi, Veracruz), U.S.A.

Genus *Senniis* Bridwell, 1946

- S. atripectus* Johnson & Kingsolver, 1973: El Salvador, Guatemala, Mexico (Estado de Mexico, Jalisco, Morelos, Oaxaca).
- S. auricomus* Johnson & Kingsolver, 1973: Colombia, Costa Rica, El Salvador, Guatemala, Mexico (Guerrero, Michoacan, Morelos, Nayarit, Sinaloa, Sonora, Yucatan), Venezuela.

- S. breveapicalis* (Pic), 1922: Brazil, Colombia, Costa Rica, Mexico (Guerrero), Nicaragua, Panama, Trinidad & Tobago.
- S. carneofasciatus* (Pic), 1927: Brazil, Mexico.
- S. chalcodermus* Johnson & Kingsolver, 1973: Mexico.
- S. colima* Johnson, 1977b: Mexico (Colima, Nayarit, Oaxaca), Panama.
- S. cruentatus* (Horn), 1873: Mexico (Oaxaca, Quintana Roo, Veracruz), U.S.A.
- S. discolor* (Horn), 1873: El Salvador, Guatemala, Honduras, Mexico (Coahuila, Chiapas, Chihuahua, Guerrero, Michoacan, Nayarit, Nuevo Leon, Queretaro, San Luis Potosi, Sinaloa, Sonora), Nicaragua, U.S.A.
- S. durangensis* Johnson & Kingsolver, 1973: Mexico (Coahuila, Durango, Hidalgo, Nuevo Leon, Queretaro, San Luis Potosi, Sinaloa, Sonora, Zacatecas).
- S. ensiculus* Johnson & Kingsolver, 1973: Costa Rica, Honduras, Mexico (Campeche, Chiapas, Durango, Estado de Mexico, Guanajuato, Michoacan, Morelos, Oaxaca, Puebla, Queretaro, Quintana Roo, San Luis Potosi, Sinaloa, Sonora, Veracruz, Yucatan), Panama.
- S. fallax* (Boheman), 1839: Cuba, Guatemala, Jamaica, Mexico (Colima, Chiapas, Guerrero, Jalisco, Michoacan, Nayarit, Oaxaca, Sinaloa, Veracruz), Panama, U.S.A.
- S. guttifer* (Sharp), 1885: Belize, Guatemala, Mexico (Campeche, Jalisco, Oaxaca, Sinaloa, Veracruz).
- S. inanis* (Sharp), 1885: Belize, Mexico (Campeche, San Luis Potosi, Tamaulipas).
- S. lebasi* (Fähræus), 1839: Belize, Brazil, Colombia, Costa Rica, Chile, El Salvador, Honduras, Mexico (Campeche, Colima, Chiapas, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Queretaro, San Luis Potosi, Sinaloa, Sonora, Veracruz, Yucatan), Nicaragua, Panama, Trinidad & Tobago, U.S.A., Venezuela.
- S. leucostaurus* Johnson & Kingsolver, 1973: Belize, El Salvador, Guatemala, Mexico (Campeche, Colima, Jalisco, Morelos, Oaxaca), U.S.A.
- S. medialis* (Sharp), 1885: Guatemala, Mexico (Baja California Sur, Colima, Estado de Mexico, Guanajuato, Jalisco, Michoacan, Morelos, Queretaro, Sonora, Zacatecas), U.S.A.
- S. militaris* (Sharp), 1885: Belize, Guatemala, Mexico (Colima, Chiapas, Guerrero, Jalisco, Michoacan, Morelos, Oaxaca, Quintana Roo, Sonora, Veracruz, Yucatan).
- S. morosus* (Sharp), 1885: Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Campeche, Coahuila, Colima, Chiapas, Chihuahua, Durango, Estado de Mexico, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Quintana Roo, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), Nicaragua, Panama, U.S.A.
- S. rufomaculatus* (Motschulsky), 1874: Colombia, Costa Rica, El Salvador, Grenada, Guadeloupe, Guatemala, Hispaniola, Honduras, Jamaica, Mexico (Colima, Chihuahua, Durango, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan, Zacatecas), Nicaragua, Panama, Puerto Rico, St. Vincent, Trinidad & Tobago.
- S. simulans* (Schaeffer), 1907: Mexico (Chihuahua, Distrito Federal, Durango, Michoacan, Morelos, Oaxaca, San Luis Potosi, Sinaloa, Sonora, Veracruz), U.S.A.
- S. trinoticollis* (Pic), 1930: Colombia, Costa Rica, Guatemala, Mexico (Tabasco), Panama, Trinidad, Venezuela.
- S. whitei* Johnson & Kingsolver, 1973: Mexico (Chiapas, Distrito Federal, Estado de Mexico, Jalisco, Michoacan, Nayarit), U.S.A.
- S. yucatan* Johnson, 1984: Guatemala, Mexico (Quintana Roo, Yucatan).

Genus *Stator* Bridwell, 1946

- S. aegrotus* (Sharp), 1885: Bolivia, Brazil, Guatemala, Mexico (Veracruz), Panama, Peru, Surinam, Venezuela.
- S. beali* Johnson, 1963: Mexico (Nuevo León, San Luis Potosi, Tamaulipas, Veracruz), U.S.A.
- S. chihuahua* Johnson & Kingsolver, 1976: Mexico (Chihuahua, Durango, Queretaro, Sonora), U.S.A.
- S. dissimilis* Johnson & Kingsolver, 1976: Mexico (Durango, Estado de Mexico, Morelos, Queretaro).
- S. huautlae* Romero & Johnson (2004): Mexico (Morelos).
- S. limbatus* (Horn), 1873: Antilles, Argentina, Brazil, Carriacou Islands, Colombia, Costa Rica, Curaçao, Ecuador, El Salvador, Grenada, Guatemala, Honduras, Jamaica, Mexico (Baja California Sur, Campeche, Coahuila, Colima, Chiapas, Chihuahua, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, Quintana Roo, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), Nicaragua, Panama, Peru, St. Vincent & Grenadines, Trinidad & Tobago, Uruguay, U.S.A., Venezuela.
- S. mexicanus* Bottimer, 1973: Guatemala, Mexico (Campeche, Chiapas, Oaxaca, San Luis Potosi, Veracruz).
- S. monachus* (Sharp), 1885: Antigua & Barbuda, Argentina, Bolivia, Brazil, Colombia, Guadalupe, Guatemala, Mexico (Nayarit, Veracruz), Panama, Paraguay, Puerto Rico, St. Kitts & Nevis, St. Vincent & Grenadines, Uruguay, U.S.A., Venezuela, Virgin Islands.
- S. pruininus* (Horn), 1873: Costa Rica, El Salvador, Honduras, Mexico (Aguascalientes, Baja California Norte, Baja California Sur, Campeche, Coahuila, Colima, Chiapas, Chihuahua, Durango, Estado de Mexico, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, Sinaloa, Sonora, Tamaulipas), Nicaragua, USA, Venezuela.
- S. pygidialis* (Schaeffer), 1907: Mexico (Chihuahua, Durango, Hidalgo), U.S.A.
- S. sordidus* (Horn), 1873: Antilles, Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Baja California Sur, Chiapas, Chihuahua, Durango, Estado de Mexico, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, San Luis Potosi, Sinaloa, Sonora), Nicaragua, U.S.A., Venezuela.
- S. subaeneus* (Schaeffer), 1907: Mexico (Chiapas, Oaxaca, Puebla, San Luis Potosi, Tamaulipas, Veracruz, Yucatan), U.S.A.
- S. vachelliae* Bottimer, 1973: Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico (Aguascalientes, Baja California, Coahuila, Colima, Chiapas, Durango, Estado de Mexico, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro, Sinaloa, Sonora, Tabasco, Tamaulipas, Veracruz), Nicaragua, Panama, U.S.A., Venezuela.
- S. vittathorax* (Pic), 1930: Argentina, Belize, Brazil, Colombia, Costa Rica, Guatemala, Honduras, Mexico (Campeche, Colima, Guerrero, Jalisco, Michoacan, Morelos, Oaxaca, Quintana Roo, Yucatan), St. Vincent & Grenadines, Venezuela.

Tribe Bruchidini

Genus *Callosobruchus* Pic, 1902

- C. maculatus* (Fabricius), 1775: Algeria, Belize, Chile, Egypt, Israel, Kenya, Libya, Mexico (Estado de Mexico, Guanajuato, Morelos, Nuevo Leon, Puebla, Sonora), Nicaragua, Puerto Rico, Turkey, U.S.A., Venezuela, Zaire.

C. phaseoli (Gyllenhal), 1833: Africa, Colombia, Colombia, Israel, Kenya, Mexico (Sonora), Nigeria, Philippines, U.S.A.

Tribe Megacerini

Genus *Megacerus* Bridwell, 1946

- M. alabani* Terán & Kingsolver, 1977: Mexico (Morelos, Nayarit, Veracruz).
M. bifloccosus (Motschulsky), 1874: Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico (Chiapas), Nicaragua, Panama, Paraguay, Peru, Venezuela.
M. callirhipis (Sharp), 1885: Brazil, Colombia, Costa Rica, El Salvador, Guatemala, Mexico (Chiapas, Colima, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Veracruz), Nicaragua.
M. capreolus (Jekel), 1855: Brazil, Colombia, Costa Rica, Guatemala, Mexico (Chiapas, San Luis Potosi, Veracruz), Panama.
M. centralis (Pic), 1913c: Mexico.
M. codonophagus Terán & Kingsolver, 1977: Mexico (Sinaloa), Panama, Peru, Puerto Rico, Venezuela.
M. contaminatus (Sharp), 1885: Costa Rica, Mexico (Chiapas, Distrito Federal, Estado de Mexico, Guanajuato, Hidalgo, Morelos, San Luis Potosi, Tlaxcala, Veracruz, Zacatecas).
M. cubiciformis (Sharp), 1885: El Salvador, Mexico (Oaxaca, Sinaloa, Yucatan).
M. cubiculus (Casey), 1884: Mexico (Campeche, Chiapas, Guanajuato, Guerrero, Jalisco, Michoacan, Morelos, Nayarit), U.S.A.
M. curupaonis Terán & Kingsolver, 1977: Brazil, El Salvador, Mexico (Tamaulipas), Venezuela.
M. ferrugineosignatus Terán & Kingsolver, 1977: Colombia, Costa Rica, Mexico (Puebla, Veracruz), Panama, Trinidad & Tobago, Venezuela.
M. ferruginosus Terán & Kingsolver, 1977: Cuba, Mexico (Jalisco).
M. flabelliger (Fähræus), 1839: Argentina, Brazil, Costa Rica, Ecuador, Guatemala, Mexico (Chiapas, Michoacan, Nayarit), Nicaragua, Peru, Venezuela.
M. impiger (Horn), 1873: Honduras, Mexico (Chiapas, Chihuahua, Durango, Guerrero, Morelos, Nayarit, Queretaro, Quintana Roo, Sonora, Tamaulipas, Veracruz), U.S.A., Venezuela.
M. incisithorax (Pic), 1932: Brazil, El Salvador, Haiti, Honduras, Mexico (Nayarit, Tamaulipas), Venezuela.
M. leucospilus (Sharp), 1885: Costa Rica, Honduras, Mexico (Guerrero, Michoacan, Nayarit, Puebla, Tamaulipas, Veracruz), Nicaragua, Panama, U.S.A.
M. leucurus (Sharp), 1885: Guatemala, Mexico.
M. lherminieri (Fähræus), 1839: Costa Rica, Guadalupe, Mexico (Morelos, Campeche), Panama, Puerto Rico.
M. maculiventris (Fähræus), 1839: Argentina, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Mexico (Chiapas, Chihuahua, Coahuila Distrito Federal, Durango, Estado de Mexico, Guanajuato, Guerrero, Hidalgo, Jalisco, Michoacan, Morelos, Oaxaca, Puebla, Sinaloa, Sonora, Tlaxcala, Zacatecas), Nicaragua, Peru, U.S.A., Venezuela.
M. minusculus (Pic), 1934: Brazil, Colombia, Costa Rica, Ecuador, Mexico (Oaxaca, Sinaloa, Veracruz), Nicaragua, Panama, Peru, Venezuela.
M. pescaprae (Fähræus), 1839: Brazil, Guatemala, Mexico (Guerrero, Oaxaca).
M. porosus (Sharp), 1885: Brazil, Colombia, Costa Rica, Cuba, Guatemala, Mexico (Campeche, Colima, Guerrero, Michoacan, Oaxaca, Sinaloa, Veracruz, Yucatan), Panama, Peru, Puerto Rico, Venezuela.

- M. pubescens* Terán & Kingsolver, 1992: Costa Rica, Mexico (Veracruz).
M. ramicornis (Erichson), 1848: Argentina, Bolivia, Brazil, Costa Rica, Guyana, Mexico (Oaxaca, Yucatan), Trinidad & Tobago.
M. ricaensis (Pic), 1934: Colombia, Costa Rica, El Salvador, Mexico (Chiapas), Nicaragua, Panama, Venezuela.
M. ripiphorus (Fåhræus), 1839: Colombia, Mexico (Oaxaca, Tamaulipas), U.S.A., Venezuela.
M. schaefferianus Bridwell, 1929a: Mexico (Durango, Jalisco, Zacatecas), U.S.A.
M. tricolor (Suffrian), 1870: Antilles, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, Guatemala, Honduras, Mexico (Baja California Sur, Chiapas, Distrito Federal, Guerrero, Jalisco, Michoacan, Morelos, Nayarit, Oaxaca, Puebla, Quintana Roo, Sinaloa, Sonora, Tamaulipas, Veracruz, Yucatan), Nicaragua, Panama, Paraguay, Peru, U.S.A., Trinidad & Tobago, Venezuela.

Subfamily Pachymerinae

Tribe Caryedontini

Genus *Caryedon* Schoenherr, 1823

- C. serratus* (Olivier), 1790: Saudi Arabia, Burma (or Myanmar), Colombia, Curacao, Dominican Republic, Fiji, Gambia, Guam, Guyana, Haiti, India, Iraq, Israel, Jamaica, Japan, Java, Jordan, Kenya, Madagascar, Malaysia, Mexico (Baja California Sur, Coahuila, Chiapas, Distrito Federal, Durango, Estado de Mexico, Guerrero, Morelos, Nayarit, Oaxaca, Quintana Roo, San Luis Potosi, Tabasco, Tamaulipas, Veracruz, Yucatan), Nicaragua, Nigeria, New Caledonia, Oman, Pakistan, Philippines, Portuguese Guinea, Senegal, Seychelles Islands, Sri Lanka, St. Croix, Sudan, Tahiti, Thailand, Uganda, U.S.A., Venezuela, Viet Nam, Virgin Islands.

Tribe Pachymerini

Genus *Caryobruchus* Bridwell, 1929b

- C. curvipes* (Latreille), 1811: Guatemala, Mexico (Chiapas, Michoacan, Oaxaca, Sinaloa), Nicaragua.
C. glediisiae (Johansson & Linnaeus), 1763: Bahamas, Bermuda, Cuba, Dominica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico (Campeche, Chiapas, Guerrero, Hidalgo, Michoacan, Nayarit, Oaxaca, Puebla, San Luis Potosi, Sinaloa, Sonora, Tamaulipas, Veracruz), Panama, St. Croix, U.S.A.
C. maya Nilsson, Nilsson & Johnson, 1993: Guatemala, Mexico (Campeche, Chiapas, Quintana Roo, Veracruz, Yucatan).
C. rubidus (Chevrolat), 1877d: Mexico (Chiapas, Guerrero, Morelos).
C. veseyi (Horn), 1873: Mexico (Baja California Norte, Baja California Sur, Sonora).

Genus *Pachymerus* Thunberg, 1805

- P. cardo* (Fåhræus), 1839: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ghana, Guatemala, Guyana, Mexico, Nicaragua, Nigeria, Panama, Paraguay, Peru, Surinam, Trinidad & Tobago, Venezuela.

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