

An Annotated Checklist of the Bruchidae of Honduras

Robert H. Turnbow, Jr.¹ Ronald D. Cave² and John M. Kingsolver³

Abstract. An annotated list of the Bruchidae of Honduras is presented. One hundred forty eight species, including 78 species previously unrecorded from the country, are reported. Detailed collection data are presented for those species recorded from Honduras for the first time.

Key words: Coleoptera, species, new country records

Resumen. Se presenta una lista anotada de la familia Bruchidae de Honduras. Se reportan 148 especies, incluyendo 78 especies no previamente reportada del país. Se presentan los datos detallados de recolecta para aquellas especies registradas de Honduras por la primera vez.

Palabras clave: Coleoptera, especies, nuevos registros nacionales.

Introduction

The Bruchidae, commonly called seed weevils, are a diverse family of beetles whose larvae develop within the seeds of plants. Johnson and Kingsolver (1981) provided a list of species in North and Central America and the West Indies, in which ten species were mentioned as specifically occurring in Honduras.

Since that time, particularly from 1988 until 2002, the first two authors, their colleagues, and students and field assistants of Ronald D. Cave (while at the Escuela Agrícola Panamericana, Zamorano) carried out intense efforts of sampling the Honduran beetle fauna and amassed a large collection of bruchids throughout the country and at all times of the year. The taxonomic expertise of John M. Kingsolver was solicited to put species names on specimens.

Herein we present a list of the 148 species of

Bruchidae that are known to occur in Honduras. Only described species whose specimens' identities can be established with a degree of certainty are included. Specimens with tentative species identifications and specimens of species that are apparently undescribed are not included in the present list.

Species previously recorded from Honduras are listed with the earliest located literature record being cited. New department records for these species are indicated by (NR). For species not previously recorded from the country, label data from all available specimens are presented. Label data are presented verbatim (department name in bold) except dates are standardized (month expressed as a Roman numeral-day(s)-year expressed as a two digit character). For a specimen whose data are cited, the coden of the collection in which it is housed is given in parentheses. Collections accessed and their codens are as follows:

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Escuela Agrícola Panamericana, Zamorano (EAPZ); Florida State Collection of Arthropods, Gainesville (FSCA); Fred W. Skillman, Jr. private collection (FWSC); Gary V. Manley private collection (GVMC); James E. Wappes private collection (JEWIC); Ronald D. Cave private collection (RDCC); Robert H. Turnbow, Jr. private collection (RHTC). Emendations of the authors are shown in brackets. New data are chronologically arranged by date of collection under each species heading. Genera are presented alphabetically within subfamilies; species are presented alphabetically within genera.

List of Species

Pachymerinae

1. *Caryobruchus chiriquensis* (Sharp, 1885)
Yoro, Parq[ue] Nac[ional] Pico Bonito, Montaña de Santa Bárbara, N15°32'W86°48', XI-12-00, A. Hernández (RDCC).
2. *Caryobruchus gleditsiae* (Linnaeus, 1763)
(Nilsson and Johnson, 1993), Olancho (NR).
3. *Pachymerus cardo* (Fåhræus, 1839)
Atlántida, RVS Cuero y Salado, Salado Barra 2 m, N15°46'W87°00', VIII-31-00, C. Cantarero (RDCC); Atlántida, Parq[ue] Nac[ional] Pico Bonito, Estación CURLA 175 m, N15°42'W86°51', I-26-02, F. Martínez (RDCC).

Amblycerinae

4. *Amblycerus alternatus* (Pic, 1954)
Francisco Morazán, El Zamorano 850 m, V-4-10-90, R. Cave (EAPZ); Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC); *ibid* V-22-02; *ibid* V-23-02.
5. *Amblycerus anosignatus* (Chevrolat, 1877)
Santa Bárbara, Ilama, La Fe, X-31-92, R. Cave (RDCC); Santa Bárbara, vic[inity] Zacapa, V-30-93, R. W. Skillman, Jr. (FSCA, EAPZ).
6. *Amblycerus biolleyi* (Pic, 1954)
Atlántida, Parq[ue] Nac[ional] Pico Bonito, Río Zacate 35 m, N15°41'35"W86°55'58", III-5-00, Cave, Cordero & Torres (RDCC).
7. *Amblycerus cerdanicola* Kingsolver, 1970

- Francisco Morazán, San Antonio de Oriente, El Zamorano, IV-5-15-90 (RDCC); *ibid* IV-12-19-90, R. Cave; *ibid* V-4-10-90; *ibid* V-11-17-90; *ibid* V-24-90; *ibid* VI-7-90; Choluteca, Choluteca, Cerro Guanacaure, VI-4-93, R. Cave (RDCC); *ibid* R. Turnbow (RHTC); Yoro, Parq[ue] Nac[ional] Pico Pijol, 15°10'N 87°35'W, VII-13-96, RD Cave (RDCC); Atlántida, Parq[ue] Nac[ional] Pico Bonito, Río Zacate 35 m, N15°41'35"W88°55'58", III-5-00, Cave, Cordero & Torres (RDCC); Cortés, 1.4 km S Chivana, on rd to Jalisco 140 m, N15°46'24"W87°59'52", IV-29-30-00, RD Cave (RDCC); Atlántida, P[arque] N[acional] Pico Bonito, Río Zacate, mv + bl, VII-19-01, R. Turnbow (RHTC); Atlántida, Parq[ue] Nac[ional] Pico Bonito, Río Zacate 35 m, N15°41'35"W88°55'58", IV-11-02, RD Cave (RDCC); Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC); *ibid* V-22-02 (RHTC); *ibid* V-23-02; *ibid* V-27-02; *ibid* VI-1-03 (FSCA); *ibid* VI-8-03; *ibid* VI-13-03; Islas de la Bahía, Isla Roatán, West End, VI-29-02, RD Cave (RDCC); Yoro, P[arque] N[acional] Pico Pijol, mv + bl, VI-2-03, R. Turnbow (FSCA); Yoro, Sinaí, 1450 m., mv + bl, VI-4-2003, R. Turnbow (RHTC).
8. *Amblycerus championi* (Pic, 1885)
Atlántida, P[arque] N[acional] Pico Bonito, Río Zacate, VII-17-01, R. Turnbow (RHTC).
 9. *Amblycerus cistelinus* (Gyllenhal, 1833)
Francisco Morazán, Sn Antonio de Oriente, El Zamorano, V-14-89, RD Cave (FSCA, RDCC); *ibid* VII-10-89; Francisco Morazán, 2.8 km NW Zambrano, VII-21-89, RD Cave (RDCC); Yoro, 2 km E El Negrito, VII-23-89, R. Cave (EAPZ); Francisco Morazán, San Antonio de Oriente, Uyuca, V-11-17-90, R. Cave (RDCC); El Paraíso, Cerro Monserrat, Yuscarán, 1780 m, IV-1-15-93, R. Ortega (EAPZ); El Paraíso, vic[inity] Yuscarán, V-25-93, R. Turnbow (RHTC); Choluteca, 19.5 km E Choluteca, Villa Guadalupe, VI-4-93, F. W. Skillman, Jr. (FSCA); Francisco Morazán, Zamorano, X-2-93, F. W. Skillman, Jr. (FSCA); *ibid* R. Turnbow (RHTC); *ibid* XI-27-95; Copán, 16 km Nte. Sta. Rosa de Copán, X-8-93, R. Cordero (RDCC); El Paraíso, vic[inity] Yuscarán, V-18-95, R. Turnbow (RHTC); Yoro, Ocotillo, XII-7-95, R. Turnbow (RHTC); Francisco Morazán, El Zamorano 850 m, I-28-01, C. Cruz & H. Lara (RDCC); El Paraíso, vic[inity] Yuscarán, VII-14-01, R. Turnbow (RHTC); Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC); *ibid* V-22-

- 02; *ibid* V-23-02; *ibid* V-27-02; **Francisco Morazán**, Zamorano, VI-1-03, R. Turnbow (FSCA); *ibid* VI-8-03; **Yoro**, P[arque] N[acional] Pico Pijol, mv + bl, VI-2-03, R. Turnbow (FSCA); **Olancho**, M[onumento] N[acional] El Boquerón, VI-12-03, R. Turnbow (FSCA); **Olancho**, 5 km E Puente Playa Grande, VI-13-03, R. Turnbow (FSCA).
10. *Amblycerus dispar* (Sharp, 1885)
El Paraíso, Yuscarán, Cerro Monserrat, V-23-93, R. Ortega (RDCC).
11. *Amblycerus dytiscinus* (Sharp, 1885)
Comayagua, 19 km S Yojoa, V-26-93, R. Turnbow (FSCA).
12. *Amblycerus eustrophoides* (Schaeffer, 1904)
Olancho, M[onumento] N[acional] El Boquerón, mv + bl, VI-12-03 R. Turnbow (FSCA).
13. *Amblycerus geminatus* (Sharp, 1885)
El Paraíso, Yuscarán, VII-21-01, R. Turnbow (RHTC).
14. *Amblycerus mariae* Romero, Johnson and Kingsolver, 1996
La Paz, 8 km N La Paz, VII-21-89, RD Cave (FSCA, RDCC); **La Paz**, 5.5 km NE La Paz, VII-21-89, RD Cave (RDCC); **Cortés**, 17 km SE San Pedro Sula, XII-5-95, R. Turnbow (FSCA).
15. *Amblycerus marmoratus* (Sharp, 1885)
Yoro, Parq[ue] Nac[ional] Pico Pijol, VI-13-14-98, RD Cave (RDCC); *ibid* VII-22-01; *ibid*, R. Turnbow (FSCA); *ibid* VII-23-01 (RHTC); **Yoro**, P[arque] N[acional] Pico Pijol, VI-3-03, R. Turnbow (FSCA).
16. *Amblycerus multiflocculus* Kingsolver, 1980
El Paraíso, Yuscarán, V-18-95, R. Turnbow (RHTC).
17. *Amblycerus nigromarginatus* (Motschulsky, 1874)
Francisco Morazán, Zamorano, V-23-02, R. Turnbow (FSCA).
18. *Amblycerus obscurus* (Sharp, 1885)
Santa Bárbara, 3 km N San Marcos, X-21-88, RD Cave (RDCC).
19. *Amblycerus perfectus* (Sharp, 1885)
[**Comayagua**], 11 km SW Comayagua, III-23-80, reared seeds *Combretum fruticosum* (FSCA); **Comayagua**, 3 km S Comayagua, VII-23-89, RD Cave (RDCC); **Choluteca**, 18 km NE Choluteca, Villa Guadalupe, VI-4-93, R. Cave (EAPZ); **Olancho**, M[onumental] N[acional] El Boquerón, VI-12-03, R. Turnbow (RHTC).
20. *Amblycerus scutellaris* (Sharp, 1885)
Francisco Morazán, Cerro Uyuca 1200 m, V-1-99, RD Cave (RDCC); **Atlántida**, Parq[ue] Nac[ional] Pico Bonito, Rfo Zacate 35 m, N15°41'35"W86°55'58", III-5-00, Cave, Cordero & Torres (FSCA, RDCC); **Yoro**, P[arque] N[acional] Pico Pijol, mv, V-13-02, R. Turnbow (RHTC); **Cortés**, Merendón, N15°30'12" W88°11'54", mv, V-18-02, R. Turnbow (RHTC); **Copán**, 6 km NW San Agustín, mv, V-19-02, R. Turnbow (RHTC); **Olancho**, Montaña del Malacate, mv + bl, V-23-02, R. Turnbow (FSCA); **Yoro**, P[arque] N[acional] Pico Pijol, mv + bl, VI-2-03, R. Turnbow (FSCA); **Yoro**, Sinaí, 1450 m, mv + bl, VI-4-03, R. Turnbow (FSCA); **Santa Bárbara**, La Cumbre, VI-7-03, R. Turnbow (FSCA).
21. *Amblycerus serieguttatus* (Chevrolat, 1877)
Yoro, 7 km S Guaymitas, XI-15-87, RD Cave (RDCC); **Santa Bárbara**, 3 km N San Marcos, X-21-88, RD Cave (RDCC); **Yoro**, 2 km E El Negrito, VII-23-89, RD Cave (FSCA); **Francisco Morazán**, El Zamorano 850 m, VI-7-90, R. Cave (EAPZ); **Santa Bárbara**, San Pedro Zacapa, La Seca, V-30-93, R. Cave (RDCC); **Cortés**, 10 km NW El Progreso, XII-5-95, F. W. Skillman, Jr. (FSCA); **Cortés**, 17 km SE San Pedro Sula, XII-5-95, R. Turnbow (RHTC); **Cortés**, 19 km S San Pedro Sula, XII-5-95, RD Cave (RDCC); **Francisco Morazán**, 25 km SW Talanga, XII-9-95, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, V-23-02, R. Turnbow (RHTC); *ibid* V-27-02.
22. *Amblycerus simulator* (Jacquelin du Val, 1857)
Francisco Morazán, San Antonio de Oriente, El Zamorano, IV-12-19-90, R. Cave (RDCC); *ibid* V-4-10-90 (FSCA); **El Paraíso**, Yuscarán, VII-21-01, R. Turnbow (FSCA); *ibid* VII-21-01 (RHTC); **Francisco Morazán**, Zamorano, V-27-02, R. Turnbow (FSCA); *ibid* VI-1-03; *ibid* VI-8-03.
23. *Amblycerus spondiae* Kingsolver, 1980
Francisco Morazán, El Rancho VI-26-89, R. Cordero (EAPZ); **Francisco Morazán**, Esc[uela] Agr[ícola] Panamericana, Zamorano, X-11-89, RD Cave (FSCA); **Francisco Morazán**, El Zamorano 850 m, VII-10-89, RD Cave (RDCC); *ibid* II-9-14-90 (EAPZ); *ibid* I-15-22-90; *ibid* IV-12-19-90 (RDCC); *ibid* VI-7-90 (EAPZ, RDCC); **Francisco Morazán**, San Antonio de Oriente, El Zamorano, IV-19-26-91, R. Cave (FSCA); **Morazán**, Cerro Uyuca, VII-29-92, R. Cordero (EAPZ); **El Paraíso**, Agua Sucia, Yuscarán, VIII-23-92, R. Cordero (EAPZ); **El Paraíso**, Cerro Monserrat, Yuscarán 1780 m, XI-16-30-92, R. Ortega (EAPZ); *ibid* XII-1-15-93; **El Paraíso**, Cerro Monserrat, III-10-

- 31-93, R. Ortega (FSCA); **El Paraíso**, vic[inity] Yuscarán, VI-2-93, F. W. Skillman, Jr. (FSCA); *ibid* X-23-93, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, X-2-93, R. Turnbow (RHTC); *ibid* X-3-93; **Copán**, 16 km NW Sta. Rosa de Copán, X-8-93, R. Turnbow (RHTC); *ibid* R. Cordero (RDCC); **Santa Bárbara**, El Merendon, X-10-93, R. Turnbow (RHTC); **El Paraíso**, El Portillo (Apaguis Mts.), 7 km S Danlí, X-12-93, F. W. Skillman, Jr., (FSCA); **El Paraíso**, Yuscarán, X-16-93, F. W. Skillman, Jr. (FSCA); **El Paraíso**, Yuscarán, Cerro Monserrat, XI-12-93, R. Cordero (RDCC); *ibid* XII-29-93, R. Ortega (RDCC); **El Paraíso**, vic[inity] Yuscarán, V-18-95, R. Turnbow (RHTC); *ibid* V-18-95, J. E. Wappes (JEWEC); **Francisco Morazán**, Tatumbla, Macuelizo, XI-12-95, J. Ortega (RDCC); **El Paraíso**, 7 km W Danlí, XI-27-95, R. Turnbow (RHTC); **El Paraíso**, vic[inity] Yuscarán, VII-21-01, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, V-13-02, R. Turnbow (RHTC); *ibid* V-23-02; **Yoro**, 10 km E Santa Rita, V-15-02, R. Turnbow (RHTC); **El Paraíso**, Yuscarán, mv + bl, VI-1-03, R. Turnbow (FSCA); **Yoro**, P[arque] N[acional] Pico Pijol, mv + bl, VI-2-03, R. Turnbow (RHTC); **Olancho**, M[onumento] N[acional] Boquerón, VI-12-03, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, VI-13-03, R. Turnbow (FSCA); **Olancho**, 5 km E Puente Playa Grande, VI-13-03, R. Turnbow (RHTC).
24. ***Amblycerus trisignatus* (Sharp, 1885)**
Santa Bárbara, San Pedro Zacapa, La Seca, V-30-93, R. Cave (FSCA, RDCC).
25. ***Zabrotes chavesi* Kingsolver, 1980**
Comayagua (Romero and Johnson, 2000), **El Paraíso** (NR).
26. ***Zabrotes densus* Horn, 1885**
(Romero and Johnson, 2000).
27. ***Zabrotes interstitialis* (Chevrolat, 1871)**
(Romero and Johnson, 2000), **Olancho** (NR).
28. ***Zabrotes subfasciatus* (Boheman, 1833)**
Comayagua (Passoa, 1983), **El Paraíso** (NR), **Francisco Morazán** (NR), **Olancho** (Passoa, 1983), **Valle** (NR).
- Bruchinae**
29. ***Acanthoscelides argillaceus* (Sharp, 1885)**
Cortés (Johnson, 1983).
30. ***Acanthoscelides boneti* Johnson, 1983**
Francisco Morazán (Johnson, 1983).
31. ***Acanthoscelides brevipes* (Sharp, 1885)**
Comayagua (Johnson, 1983), **El Paraíso** (NR), **Francisco Morazán** (Johnson, 1983), **Intibucá** (NR), **La Paz** (NR), **Ocatepeque** (NR), **Olancho** (NR).
32. ***Acanthoscelides clandestinus* (Motschulsky, 1874)**
(Johnson, 1983).
33. ***Acanthoscelides clitellarius* (Fåhraeus, 1839)**
Comayagua (Johnson, 1983), **El Paraíso** (NR), **Francisco Morazán** (NR), **Yoro** (NR).
34. ***Acanthoscelides cordifer* (Sharp, 1885)**
Comayagua (Johnson, 1983), **El Paraíso**, (NR), **Francisco Morazán** (Johnson, 1983), **Olancho** (NR).
35. ***Acanthoscelides desmoditus* Johnson, 1983**
Francisco Morazán, Cerro Uyuca, VII-14-93, R. Cordero (EAPZ); **Francisco Morazán**, Parque Nac[ional] La Tigra, 14°15'N 87°05'W, V-16-95, en flight intercept trap [no collector] (RDCC); *ibid* VII-10-95.
36. ***Acanthoscelides difficilis* (Sharp, 1885)**
Atlántida (NR), **Comayagua** (Johnson, 1983), **Cortés** (NR), **El Paraíso** (NR), **Francisco Morazán** (Johnson, 1983), **Intibucá** (NR), **Ocatepeque** (NR), **Olancho** (NR), **Yoro** (NR).
37. ***Acanthoscelides elevatus* (Sharp, 1885)**
(Johnson, 1983), **Atlántida** (NR), **Colón** (NR), **Comayagua** (NR), **El Paraíso** (NR), **Intibucá** (NR), **Ocatepeque** (NR), **Santa Bárbara** (NR), **Yoro** (NR).
38. ***Acanthoscelides flavescens* (Fåhraeus, 1839)**
Cortés (Johnson, 1983), **Francisco Morazán** (NR).
39. ***Acanthoscelides guazumae* Johnson and Kingsolver, 1971**
Comayagua (Johnson, 1983), **Francisco Morazán** (NR), **Yoro** (NR).
40. ***Acanthoscelides johnsoni* Kingsolver, 1980**
Francisco Morazán (Johnson, 1983).
41. ***Acanthoscelides kingsolveri* Johnson, 1973**
Francisco Morazán (NR), **La Paz** (Johnson, 1983), **Ocatepeque** (NR).
42. ***Acanthoscelides macrophthalmus* (Schaeffer, 1907)**
Choluteca (Johnson, 1983), **Francisco Morazán** (NR), **Olancho** (NR), **Yoro** (NR).
43. ***Acanthoscelides malvastrumicis* Johnson, 1983**
Francisco Morazán (Johnson, 1983).
44. ***Acanthoscelides mankinsi* Johnson, 1983**
Francisco Morazán, Zamorano, V-22-02, R. Turnbow (RHTC); *ibid* V-23-02; *ibid* V-27-02.
45. ***Acanthoscelides megacornis* Kingsolver, 1980**
El Paraíso (NR), **Francisco Morazán** (Kingsolver, 1980), **Ocatepeque** (Kingsolver, 1980).

46. *Acanthoscelides mexicanus* (Sharp, 1885)
Francisco Morazán, Cerro Uyuca 1800 m, III-19-90, R. Cave (EAPZ); *ibid* V-6-90; *ibid* VI-4-10-90; Francisco Morazán, Tatumbula, El Carrizal, VI-31-92, R. Cave (RDCC); Francisco Morazán, El Rincón, X-15-93, R. Turnbow (RHTC); Francisco Morazán, Cerro Uyuca, V-17-95, R. Turnbow (RHTC); Olancho, P[arque] N[acional] La Muralla, VI-1-95, R. Turnbow (FSCA); Cortés, Parq[ue] Nac[ional] Cusuco 1200 m, N15°30'W86°12', XI-15-95, RD Cave (RDCC); Francisco Morazán, Cerro Uyuca ~1800 m, N14°02'W87°04', VI-20-97, J. Torres (RDCC); Francisco Morazán, Cerro Uyuca ~1800 m, N14°02'W87°04', VII-15-97, J. Torres (RDCC); Yoro, P[arque] N[acional] Pico Pijol, mv + bl, VI-3-03, R. Turnbow (RHTC); Atlántida, P[arque] N[acional] Pico Bonito, Est[acion]. CURLA, VI-6-03, R. Turnbow (RHTC).
47. *Acanthoscelides modestus* (Sharp, 1885)
Francisco Morazán (Johnson, 1983).
48. *Acanthoscelides oblongoguttatus* (Fåhraeus, 1839)
[Cortés], La Lima, X-25-71, Carlos Evers (FSCA).
49. *Acanthoscelides obtectus* (Say, 1831)
Atlántida (NR), Cortés (NR), El Paraíso (NR), Francisco Morazán (Passoa, 1983), Lempira (NR), Olancho (NR), Yoro, (NR).
50. *Acanthoscelides obvelatus* Bridwell, 1942
El Paraíso, Yuscarán, Cerro Montserrat, II-24-88, RD Cave (RDCC); Francisco Morazán, Cerro Uyuca, II-26-89, R. Cave (EAPZ); *ibid* V-1-6-90 (EAPZ); Francisco Morazán, Parq[ue] Nac[ional] La Tigra, VI-1-93, R. Turnbow (RHTC); Intibucá, 8 km W La Esperanza, X-6-93, R. Turnbow (RHTC); El Paraíso, Monserrat, V-18-95, J. E. Wappes (JEW); Intibucá, 18 km W La Esperanza, XII-3-95, F. W. Skillman, Jr. (FSCA); Francisco Morazán, Cerro Uyuca, 4500', VII-15-01, R. Turnbow (RHTC); Yoro, P[arque] N[acional] Pico Pijol, V-14-02, R. Turnbow (RHTC).
51. *Acanthoscelides pertinax* (Sharp, 1885)
(Johnson, 1983), Comayagua (NR), El Paraíso (NR), Francisco Morazán (NR), Islas de la Bahía (NR), Ocotepeque (NR).
52. *Acanthoscelides petalopygus* Kingsolver, 1980
Olancho, M[onumento] N[acional] El Boqueron, VI-12-03, R. Turnbow (RHTC).
53. *Acanthoscelides pigricola* Kingsolver, 1980
Atlántida (Johnson, 1983).
54. *Acanthoscelides puellus* (Sharp, 1885)
Atlántida (Johnson, 1983), Comayagua (Johnson,
- 1990), Copán (NR), Cortés (Johnson, 1983) El Paraíso (NR), Francisco Morazán (NR), Ocotepeque (NR), Yoro (Johnson, 1983).
55. *Acanthoscelides pusillimus* (Sharp, 1885)
Comayagua (Johnson, 1983), Francisco Morazán (NR).
56. *Acanthoscelides quadridentatus* (Schaeffer, 1907)
Atlántida (Johnson, 1983), Cortés (NR), El Paraíso (NR), Francisco Morazán (Johnson, 1983), Intibucá (NR), Lempira (NR), Yoro (NR).
57. *Acanthoscelides sanblas* Johnson, 1983
Francisco Morazán (Johnson, 1983).
58. *Acanthoscelides schubertae* Johnson, 1983
[Baracoa] (Johnson, 1983), Atlántida, (NR).
59. *Acanthoscelides suaveolus* (Sharp, 1885)
(Johnson, 1990), Atlántida (NR), Comayagua (NR).
60. *Acanthoscelides taboga* Johnson, 1983
Atlántida (Johnson, 1983), Yoro (Johnson, 1983).
61. *Acanthoscelides triumfettae* Kingsolver, 1980
Atlántida (Johnson, 1983), Copán (NR), El Paraíso (NR), Francisco Morazán (Johnson, 1983), Intibucá (NR), Ocotepeque (NR), Yoro (Johnson, 1983).
62. *Acanthoscelides zeteki* Kingsolver, 1969
Cortés (Johnson, 1983), Francisco Morazán (NR).
63. *Callosobruchus chinensis* (Linnaeus, 1758)
Cortés, La Lima, XI-16-87, RD Cave (EAPZ).
64. *Callosobruchus maculatus* (Fabricius, 1775)
(Passoa, 1983)
65. *Callosobruchus phaseoli* (Gyllenhal, 1833)
Francisco Morazán, La Cuesta, Distrito Central, II-5-88, M. Flores (EAPZ).
66. *Caryedes brasiliensis* (Thunberg, 1816)
Cortés (NR), Francisco Morazán (Kingsolver and Whitehead, 1974b), Intibucá (NR), Yoro (NR).
67. *Caryedes godmani* (Sharp, 1885)
Francisco Morazán, El Zamorano 850 m, V-24-90, R. Cave (EAPZ).
68. *Caryedes helvinus* (Motschulsky, 1874)
Atlántida (NR), El Paraíso (NR), Francisco Morazán (Kingsolver and Whitehead, 1974b).
69. *Caryedes junco* (Sharp, 1885)
Francisco Morazán, San Antonio de Oriente, El Zamorano, III-22-90, R. Cave (FSCA); *ibid* IV-12-19-90; Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC).
70. *Caryedes longicollis* (Fåhraeus, 1839)
Francisco Morazán, 25.5 km SE Talanga, Finca Archaga, VI-3-93, F. W. Skillman, Jr. (FSCA).
71. *Caryedes quadridens* (Jekel, 1855)

- Atlántida**, 7 km S La Ceiba, VIII-13-92, R. Cave (RDCC); **El Paraíso**, Cerro Monserrat, Yuscarán, V-23-93, R. Ortega (EAPZ); **Atlántida**, Lancetilla Botanical Gardens, V-27-93, M. C. Thomas (FSCA); **Atlántida**, Tela, Lancetilla, V-29-93, R. Cave (RDCC); **Comayagua**, 1.6 km SW Los Planes, V-26-02, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, V-27-02, R. Turnbow (RHTC).
72. *Caryedes stenocephalus* (Gyllenhal, 1839)
Francisco Morazán, San Antonio de Oriente, El Zamorano, IX-25-93, S. Castro (FSCA).
73. *Cosmobruchus russelli* Bridwell, 1931
El Paraíso, 17 km NW Jacaleapa, X-12-93, F. W. Skillman, Jr. (FSCA).
74. *Ctenocolum colburni* Kingsolver and Whitehead, 1974
Colón (Kingsolver and Whitehead, 1974a), **Copán** (NR), **El Paraíso** (NR).
75. *Ctenocolum janzeni* Kingsolver and Whitehead, 1974
Olancho, 9 km N S[a]n F[rancisco] de la Paz, VI-14-97, R. Cave (RDCC).
76. *Ctenocolum tuberculatum* (Motschulsky, 1874)
Olancho, 9 km N, S[a]n F[rancisco] de la Paz, VI-14-97, RD Cave (RDCC).
77. *Gibbobruchus cristicollis* (Sharp, 1885)
Valle (Whitehead and Kingsolver, 1975).
78. *Gibbobruchus divaricatae* Whitehead and Kingsolver, 1975
Yoro (Whitehead and Kingsolver, 1975).
79. *Megacerus (Megacerus) cubiculus* (Casey, 1884)
Ocotepeque, Antigua Ocotepeque, III-15-89, RD Cave (RDCC).
80. *Megacerus (Megacerus) cubicus* (Motschulsky, 1874)
Francisco Morazán, El Zamorano 850 m, III-15-88, J. Vega (EAPZ); **Francisco Morazán**, San Antonio de Oriente, Uyuca, V-11-17-90, R. Cave (RDCC); **Francisco Morazán**, Finca Archaga, Talanga, IV-29-93, B. Castro (EAPZ); **Atlántida**, Playas de Perú, V-28-93, R. Turnbow (RHTC).
81. *Megacerus (Megacerus) deceptor* Terán and Kingsolver, 1977
Francisco Morazán, El Aguacate (Tegucigalpa), [no date], RD Cave (RDCC); **Francisco Morazán**, 32 km E Tegucigalpa, El Zamorano, III-15-88, J. Vega (EAPZ, RDCC); **Francisco Morazán**, San Antonio de Oriente, El Zamorano, VII-10-89, RD Cave (RDCC); *ibid* IV-12-19-90, en plantacion de café bajo inga; *ibid* V-24-90; **Francisco Morazán**, San Antonio de Oriente, Uyuca, V-11-17-90, Trampa Malaise en plantacion de café bajo inga, R. Cave (RDCC); **Francisco Morazán**, Finca Archaga 23 km SW Talanga, X-1-95, RD Cave (RDCC).
82. *Megacerus (Megacerus) euryglossus* Terán and Kingsolver, 1977
El Paraíso, 8.3 km NE Capire, mv + bl, V-24-02, R. Turnbow (RHTC).
83. *Megacerus (Megacerus) ferruginosus* Terán and Kingsolver, 1977
Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC); **El Paraíso**, Yuscarán, mv + bl, VI-1-03, R. Turnbow (FSCA);
84. *Megacerus (Megacerus) flabelliger* (Fåhraeus, 1839)
El Paraíso, 8.3 km NE Capire, mv + bl, V-24-02, R. Turnbow (RHTC).
85. *Megacerus (Megacerus) incisithorax* (Pic, 1932)
Francisco Morazán (Terán and Kingsolver, 1977).
86. *Megacerus (Megacerus) minusculus* (Pic, 1934)
Francisco Morazán, El Zamorano 850 m, III-15-22-90, R. Cave (EAPZ).
87. *Megacerus (Megacerus) ricaensis* (Pic, 1934)
Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC).
88. *Megacerus (Megacerus) tricolor* (Suffrian, 1870)
Francisco Morazán, El Zamorano 850 m, N15°01'W87°00', III-16-02, RD Cave (RDCC).
89. *Megacerus (Pachybruchus) bifloccosus* (Motschulsky, 1874)
Atlántida (NR), **Francisco Morazán** (Terán and Kingsolver, 1977), **Yoro** (NR).
90. *Megacerus (Pachybruchus) ferrugineosignatus* Terán and Kingsolver, 1977
Atlántida, 7.7 Km S La Ceiba, en camino a Yaruca 60 m, N15°43'43"W86°44'31", III-4-00, Cave, Cordero & Torres (RDCC); **Atlántida**, Parq[ue] Nac[ional] Pico Bonito, Río Zacate 35 m, N15°41'35"W88°55'58", V-5-00, R. Cave (RDCC).
91. *Megacerus (Pachybruchus) leucospilus* (Sharp, 1885)
Atlántida (NR), **Colón** (Terán and Kingsolver, 1977), **Cortés** (NR).
92. *Megacerus (Serratibruchus) callirhipis* (Sharp, 1885)
El Paraíso, 4-7 km SE Danli, XI-27-93, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, VI-9-03, R. Turnbow (RHTC).
93. *Megacerus (Serratibruchus) maculiventris* (Fåhraeus, 1839)
Francisco Morazán (Terán and Kingsolver, 1977), **Lempira** (NR).

94. *Megasennius muricatus* (Sharp, 1885)
Atlántida, Lancetilla Hotel, V-27-93, R. Turnbow (RHTC).
95. *Meibomeus apicicornis* (Pic, 1933)
Atlántida (Kingsolver, 1976), Choluteca (NR), Colón (NR), Comayagua (NR), El Paraíso (NR), Francisco Morazán (Kingsolver, 1976), Olancho (NR), Yoro (NR).
96. *Meibomeus cyanipennis* (Sharp, 1885)
Atlántida (Kingsolver, 1976).
97. *Meibomeus hidalgoi* Kingsolver and Whitehead, 1976
Atlántida, La Ceiba, Montecristo, V-12-79, GV Manley (GVMC); Francisco Morazán, Tegucigalpa, III-1-80, GV Manley (GVMC).
98. *Meibomeus howdeni* Kingsolver and Whitehead, 1976
Francisco Morazán, San Antonio de Oriente, Uyuca, IV-2-27-90, R. Ortega (RDCC); Francisco Morazán, San Antonio de Oriente, El Zamorano, IX-17-94, V. Perez (RDCC); Francisco Morazán, Cerro Uyuca, summit area, VII-15-01, R. Turnbow (RHTC).
99. *Meibomeus panamensis* Kingsolver and Whitehead, 1976
Francisco Morazán, San Antonio de Oriente, Uyuca, V-21-90, R. Ortega (RDCC).
100. *Meibomeus ptnoides* (Sharp, 1885)
Francisco Morazán (Kingsolver, 1976).
101. *Meibomeus surrubesus* (Pic, 1933)
Atlántida (Kingsolver, 1976), Cortés (Romero and Johnson, 2002), El Paraíso (NR), Francisco Morazán (Kingsolver, 1976), Intibucá (NR), Ocotepeque (NR), Yoro (NR).
102. *Meibomeus viduus* (Sharp, 1885)
Francisco Morazán (Kingsolver, 1976).
103. *Meibomeus vittaticollis* Kingsolver and Whitehead, 1976
Francisco Morazán, San Antonio de Oriente, Uyuca, IV-23-30-90, R. Cave (RDCC).
104. *Meibomeus wenzeli* Kingsolver and Whitehead, 1976
Francisco Morazán, San Antonio de Oriente, Uyuca, III-26-IV-2-90, R. Ortega (RDCC).
105. *Merobruchus boucheri* Kingsolver, 1980
Comayagua, Yoro (Kingsolver, 1980).
106. *Merobruchus columbinus* (Sharp, 1885)
Cortés (Kingsolver, 1988), Olancho (NR), Valle (Kingsolver, 1988), Yoro (NR).
107. *Merobruchus insolitus* (Sharp, 1885)
Comayagua (Kingsolver, 1988), Francisco Morazán (NR).
108. *Merobruchus knulli* (White, 1941)
Comayagua (Kingsolver, 1988); Olancho (NR).
109. *Merobruchus lineaticollis* (Sharp, 1885)
El Paraíso, 8.3 km NE Capire, mv + bl, V-24-02, R. Turnbow (RHTC).
110. *Merobruchus paquetae* Kingsolver, 1980
Francisco Morazán, Zamorano, V-27-02, R. Turnbow (RHTC).
111. *Merobruchus placidus* (Horn, 1873)
Francisco Morazán, El Rincón, Tegucigalpa, VIII-13-88, RD Cave (RDCC); *ibid* X-5-88; Francisco Morazán, El Rincón, X-15-95, R. Turnbow (RHTC); *ibid* XII-1-95 (RHTC); F[ran]cisco Morazán, Dept. El Rincón, X-15-93, F.W. Skillman, Jr. (FWSC); Yoro, Parq[ue] Nac[ional] Pico Pijol, Linda Vista 1000 m, N15°09'59"W87°38'18", V-7-99, R. Cave & J. Torres (RDCC); Yoro, P[arque] N[acional] Pico Pijol, VII-22-01, R. Turnbow (RHTC); *ibid* VII-23-01; *ibid* V-13-02 (RHTC); Yoro, Parq[ue] Nac[ional] Pico Pijol, Linda Vista 1450 m, N15°09'W87°37', IV-12-02, J. Torres (RDCC); Yoro, P[arque] N[acional] Pico Pijol, mv +bl, VI-2-03, R. Turnbow (RHTC).
112. *Merobruchus santarosae* Kingsolver, 1980
Comayagua (Kingsolver, 1988).
113. *Merobruchus sonorensis* Kingsolver, 1980
Comayagua (Kingsolver, 1988), El Paraíso (NR), La Paz (Kingsolver, 1988).
114. *Merobruchus terani* Kingsolver, 1980
Comayagua (NR), El Paraíso (NR), La Paz (Kingsolver, 1988), Yoro (Kingsolver, 1980).
115. *Merobruchus xanthopygus* Kingsolver, 1988
Comayagua (Kingsolver, 1988), El Paraíso (NR), Francisco Morazán (NR), Intibucá (NR), Olancho (NR), Yoro (NR).
116. *Mimosestes anomalus* Kingsolver and Johnson, 1978
Choluteca (Johnson and Kingsolver, 1978), Yoro (NR).
117. *Mimosestes brevicornis* (Sharp, 1885)
El Paraíso, 7 km W Danlí, XI-27-95, R. Turnbow (RHTC); Francisco Morazán, 25 km SW Talanga, XI-28-95, R. Turnbow (RHTC); Francisco Morazán, Zamorano, El Rincón, XII-1-95, R. Turnbow (RHTC).
118. *Mimosestes humeralis* (Gyllenhal, 1833)
(Kingsolver and Johnson, 1978), El Paraíso (NR), Francisco Morazán (NR), Olancho (NR).
119. *Mimosestes janzeni* Kingsolver and Johnson, 1978
El Paraíso (NR), Francisco Morazán (Kingsolver and Johnson, 1978), Yoro (NR).
120. *Mimosestes mimosae* (Fabricius, 1781)
(Kingsolver and Johnson, 1978), Francisco Morazán

- (NR).
121. *Mimosestes nubigenus* (Motschulsky, 1874)
Comayagua (NR), Francisco Morazán (NR), Valle (Kingsolver and Johnson, 1978).
122. *Mimosestes obscuriceps* (Sharp, 1885)
Santa Bárbara, vic[inity] Zacapa, V-30-93, F. W. Skillman, Jr., beating burn (EAPZ).
123. *Mimosestes sallaei* Sharp, 1885
(Udayagiri and Wadhi, 1989).
124. *Mimosestes viduatus* (Sharp, 1885)
El Paraíso, Jacaleapa, VII-20-89, RD Cave (RDCC); Yoro, 2 km E El Negrito, VII-23-89, RD Cave (RDCC); El Paraíso, vic[inity] Yuscarán, V-18-95, R. Turnbow (RHTC).
125. *Pygiopachymerus lineola* (Chevrolat, 1871)
Colón (NR), El Paraíso (NR), Francisco Morazán (NR), Yoro (Kingsolver, 1970).
126. *Sennius discolor* (Horn, 1873)
(Johnson, 1973), Intibucá (NR).
127. *Sennius ensiculus* Johnson and Kingsolver, 1973
El Paraíso (NR), Francisco Morazán (Johnson, 1973).
128. *Sennius fallax* (Boheman, 1839)
Francisco Morazán, Sn Antonio de Oriente, Cerro Uyuca, II-26-89, RD Cave (RDCC); Francisco Morazán, El Zamorano 850 m, III-19-IV-5-90, R. Cave (EAPZ).
129. *Sennius inanis* (Sharp, 1885)
Yoro, Ocotillo, XII-95, R. Turnbow (RHTC).
130. *Sennius incultellus* Johnson and Kingsolver, 1973
Francisco Morazán (Johnson and Kingsolver, 1973).
131. *Sennius laminifer* (Sharp, 1885)
[departamento unspecified⁴], Lago Yojoa, III-9-80, GV Manley (GVMC); Olancho, Sierra de Agalta, 4 km N Catacamas, X-14-93, R. Turnbow (RHTC).
132. *Sennius lebasii* (Fåhraeus, 1839)
(Johnson, 1973), Atlántida (NR), El Paraíso (NR), Francisco Morazán (NR).
133. *Sennius medialis* (Sharp, 1885)
Olancho, Candelero, II-21-86, R. Fisher, *Cassia* sp. floración flor (RDCC).
134. *Sennius morosus* (Sharp, 1885)
(Johnson, 1973).
135. *Sennius obesulus* (Sharp, 1885)
Francisco Morazán, El Aguacate, Tatumbra, VIII-13-88, RD Cave (RDCC); *ibid* El Rincón, Tegucigalpa; Atlántida, Jardín Lancetilla, Tela, 40 m, VIII-11-92, R. Cave (EAPZ); Francisco Morazán, El Rincón, X-15-93, R. Turnbow (RHTC); Intibucá, Jesus de Otoro, XII-2-95, R. Turnbow (RHTC); Francisco Morazán, Cerro Uyuca, 4500', VII-15-01, R. Turnbow (RHTC); Atlántida, La Unión, VII-19-01, R. Turnbow (RHTC).
136. *Sennius rufomaculatus* (Motschulsky, 1874)
(Johnson, 1973), Atlántida (NR), Copán (NR), Cortés (NR), El Paraíso (NR), Francisco Morazán (NR), Intibucá (NR), La Paz (NR), Olancho (NR), Yoro (NR).
137. *Sennius simulans* (Schaeffer, 1907)
Atlántida, La Unión, VII-19-01, R. Turnbow (RHTC).
138. *Sennius whitei* Johnson and Kingsolver, 1973
Yoro, P[arque] N[acional] Pico Pijol, mv + bl, VI-2-2003, R. Turnbow (FSCA).
139. *Stator aegrotus* (Sharp, 1885)
[Yoro], Aguan Valley, Culuco-Coyoles, XII-7-79, G.V. Manley (GVMC).
140. *Stator bottimeri* Kingsolver, 1972
Francisco Morazán, Cerro Uyuca, 4500', VII-15-01, R. Turnbow (RHTC).
141. *Stator limbatus* (Horn, 1873)
Francisco Morazán, S[a]n Antonio de Oriente, Cerro Uyuca, II-26-89, RD Cave (RDCC); *ibid* V-11-17-90; Francisco Morazán, Zamorano, V-13-02, R. Turnbow (RHTC); *ibid* V-23-02.
142. *Stator monachus* (Sharp, 1885)
Olancho, P[arque]N[acional] La Muralla, VI-2-95, R. Turnbow (RHTC).
143. *Stator pruininus* (Horn, 1873)
(Johnson, 1976), Atlántida (NR), Comayagua (NR), El Paraíso (NR), Francisco Morazán (NR), Intibucá (NR), La Paz (NR), Ocotepeque (NR).
144. *Stator pygidialis* (Schaeffer, 1907)
Francisco Morazán, Esc[uela] Agr[ícola] Panamericana, El Zamorano, II-7-88, RD Cave (RDCC); Francisco Morazán, S[a]n Antonio de Oriente, El Zamorano, VII-10-89, RD Cave (RDCC); La Paz, 5.5 km NE La Paz, VII-21-89, RD Cave (RDCC); Comayagua, 3 km SE Comayagua, VII-22-89, RD Cave (RDCC); *ibid* VII-23-89; Francisco Morazán, El Zamorano 850 m, IV-5-90, R. Cave (EAPZ); *ibid* IV-12-19-90; *ibid* IV-19-26-90; El

⁴ Lago Yojoa is a body of water which embraces portions of three departments: Comayagua, Cortés and Santa Bárbara. The data on the label do not indicate in which of these departments the specimen was collected.

Paraíso, Cerro Monserrato, Yuscarán, IV-26-V-3-90, R. Ortega (EAPZ); **Francisco Morazán**, El Zamorano 850 m, V-4-10-90, R. Cave (EAPZ); *ibid* V-18-90; *ibid* VI-7-90; **Francisco Morazán**, Cerro Uyuca, I-5-94, R. Ortega (EAPZ); *ibid* II-6-95.

145. *Stator sordidus* (Horn, 1873)

Francisco Morazán, El Zamorano 850 m, IV-12-90, R. Cave (EAPZ); **El Paraíso**, Cerro Monserrato Yuscarán, IV-27-V-3-90, R. Ortega (EAPZ); **Francisco Morazán**, Cerro Uyuca, V-11-17-90, R. Cave (EAPZ); **Francisco Morazán**, El Zamorano 850 m, V-24-90, R. Cave (EAPZ); **Francisco Morazán**, Cerro Uyuca, I-5-94, R. Ortega (EAPZ); **Francisco Morazán**, 1 km W Hatillo, V-19-95, R. Turnbow (RHTC); **Intibucá**, Jesús de Otoro, XII-2-95, R. Turnbow (RHTC); **Francisco Morazán**, 25 km SW Talanga, XII-9-95, R. Turnbow (RHTC); **Francisco Morazán**, Zamorano, V-13-02, R. Turnbow (RHTC); *ibid* V-22-02; *ibid* V-23-02.

146. *Stator subaeneus* (Schaeffer, 1907)

Francisco Morazán, 25.5 km SSW Talanga, VI-3-93, R. Turnbow (RHTC).

147. *Stator vachelliae* Bottimer, 1973

Francisco Morazán, Cerro Uyuca, V-4-10-90, R. Cave (EAPZ).

148. *Stator vittatithorax* (Pic, 1930)

Francisco Morazán, Santa Clara, VII-13-89, R. Cordero (EAPZ); **Comayagua**, 3 km SE Comayagua, VII-22-89, RD Cave (EAPZ, RDCC); **Olancho**, P[arque] N[acional] La Muralla, V-24-95, R. Turnbow (RHTC); **La Paz**, El Taladro, XII-7-95, R. Turnbow (RHTC).

Conclusions

One hundred forty eight species of Bruchidae are now recorded from Honduras. Of these, 78 species are new records for the country. Fifty-six species (38% of total fauna) known to occur in Honduras are not yet recorded from any of its three neighboring countries. This significantly increases our knowledge of the fauna in Central America and reflects what more needs to be done to catalog the bruchid fauna in the region. Maes and Kingsolver (1991) and Romero and Johnson (2004) recorded 97 species from Nicaragua, of which 29 are not recorded in Honduras. Johnson and Kingsolver (1981), Udayagiri and Wadhi (1989) and Romero and Johnson (2004) cited 113 species

(including *Acanthoscelides pullatus* (Sharp, 1885) = *Acanthoscelides pertinax* (Sharp, 1885)) from Guatemala and 43 species from El Salvador, of which 53 and 11, respectively, are not known to occur in Honduras.

The following 23 unrecorded species may occur in Honduras because they are known to occur in two of the three neighboring countries or they are listed in Johnson and Kingsolver (1981) with general distributions that encompass Honduras (*e.g.* Central America, Mexico to Costa Rica, Mexico to South America).

Amblycerus atripes Pic, 1927

Amblycerus epsilon Kingsolver, 1980

Amblycerus lineolatus (Motschulsky, 1874)

Amblycerus luctuosus (Sharp, 1885)

Zabrotes achiote Romero and Johnson 2000

Zabrotes propinquus (Sharp, 1885)

Acanthoscelides griseolus (Fall, 1910)

Acanthoscelides obrienorum Johnson, 1970

Acanthoscelides ruficoxis (Sharp, 1885)

Acanthoscelides sanfordi Johnson 1983

Caryedes cavatus Kingsolver and Whitehead, 1974

Caryedes clitoriae (Gyllenhal, 1839)

Caryedes stictocodius Kingsolver and Whitehead, 1974

Caryedes x-litulus Pic, 1931

Ctenoculum crotonae (Fähræus, 1839)

Gibbobruchus guanacaste Whitehead and Kingsolver, 1975

Megacerus (Pachybruchus) reticulatus (Sharp, 1885)

Megacerus (Serratibruchus) capreolus (Jekel, 1855)

Megacerus (Serratibruchus) contaminatus (Sharp, 1885)

Megacerus (Serratibruchus) cubiciformis (Sharp, 1885)

Megacerus (Serratibruchus) leucurus (Sharp, 1885)

Mimosestes amicus (Horn, 1873)

Sennius atripectus Johnson and Kingsolver 1973

Therefore, it is apparent that more collecting is needed in order to fully determine the complete bruchid fauna of Honduras.

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