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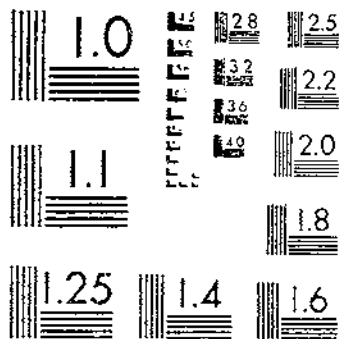
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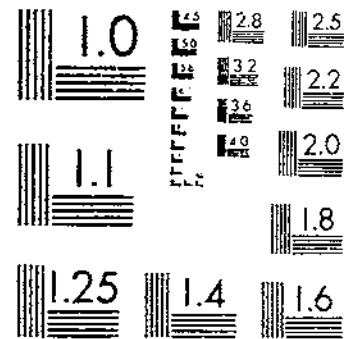
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ANNOTATED CHECKLIST OF NEW WORLD INSECTS ASSOCIATED WITH PROSOPIS MESQUITA
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**ANNOTATED CHECKLIST
OF NEW WORLD INSECTS
ASSOCIATED WITH *PROSOPIS* (MESQUITE)**

By C. R. WARD, C. W. O'BRIEN, L. B. O'BRIEN, D. E. FOSTER, and E. W. HUDDLESTON
Texas Tech University

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ABSTRACT

ANNOTATED CHECKLIST OF NEW WORLD INSECTS ASSOCIATED WITH *PROSOPIS* (MESQUITE). C. R. Ward, C. W. O'Brien, L. B. O'Brien, D. E. Foster, and E. W. Huddleston. U.S. Dep. Agric. Tech. Bull. No. 1557, 115 pp.

The insects that have been collected on or reared from *Prosopis* in the New World are listed alphabetically by orders and families. Specific host records, ecological notes, alternate hosts, synonyms, distribution data, and information sources are given. The insects are indexed by host plant and insect species name. Address communications to D. E. Foster, Entomology Department, Texas Tech University, Lubbock, Tex. 79409.

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INTRODUCTION

Mesquite, *Prosopis glandulosa* Torr., and its relatives are widely distributed in both the New and Old World, but until recently the complex of insects associated with these plants had been almost completely ignored. Now, however, many people in North and South America have become interested in mesquite and other species of *Prosopis* for a variety of reasons. For those studying the possibilities of controlling mesquite by biological means, this list provides access to as much information as possible about insects found on *Prosopis*.

The data in this checklist represent not only a search of literature for records of insects collected on mesquite, but also several years of concentrated insect collecting and personal communications with a number of other workers who have collected insects from *Prosopis*. We also visited some major insect collections in search of additional species recorded on *Prosopis* and for further alternate host data. Although we made an effort to insure the completeness of this list, it is unlikely that we succeeded in collecting all recorded references to insects associated with *Prosopis*. Persons with information not herein reported are requested to make it available to the authors.

Species found to be associated with *Prosopis* are listed alphabetically by order and family, and each entry is arranged as follows:

Genus species Author, year: page of original description. Host—other ecological data (number denoting source of information in parentheses), alternate hosts (number denoting source).

Sources of data—catalogs, serial publications, museums, personal communications: Author's name Year: page of description. Museum collections — name abbreviated. [Numbers given to these citations are used to identify sources of data in every case.]

Synonyms, ordered chronologically: name, date—page of description.

Localities where insect found, from largest to smallest unit (number denoting source).

All data on hand at the date of publication are

included in the list. To prevent future changes in plant taxonomic interpretations from rendering the data less useful, host information was not changed, but is given exactly as it appears in the records from which it was taken. This will explain why, for example, records of *Prosopis juliflora* in Texas are given when *P. glandulosa*, *P. pubescens*, and *P. reptans* are the only species believed to occur in Texas (Rowell 1969). Some interpretations of this sort are indicated in the host index.

In the host plant listings, records of *Prosopis* are given first, followed by alternate host information. Records of *Prosopis* are listed beginning with specific species and ending with general classifications (*Prosopis glandulosa*, *P. sp.*, mesquite). When more than one species appears in a given source, the entries are listed alphabetically for that source once the main ordering principles have been satisfied. A listing might read: *Prosopis glandulosa*, *P. juliflora* (2); *Prosopis sp.* (1); *Acacia farnesiana*, *Bauhinia monandra*, *Tamarindus indicus* (3).

Abbreviated names of museum collections listed as sources of data are as follows:

TAMU	Texas A&M University	UAT	University of Arizona at Tucson
TTU	Texas Tech University	UCR	University of California at Riverside

Distribution records are based on collection records and catalog data when they were available, which explains the presence of locality records outside the distribution of *Prosopis*. Many locality records are incomplete, but are given as they appeared in the reference except where exact interpretations could be made, and this was only infrequently done. Records for North and South Dakota were not separated in some older references, for example, and in this list DAK has been used to indicate such lack of precision. Because of the interest in the possibilities of biological control in Texas, localities in that State have been recorded according to vegetation zones, which reflect the distinctive ecological regions of the

State (Gould 1975). The zones are abbreviated as follows:

BP	Blackland Prairie	PO	Post Oak Savannah
CTP	Cross Timbers and Prairie	PW	Pineywoods
EP	Edwards Plateau	RP	Rolling Plains
GP	Gulf Prairie and Marshes	STP	South Texas Plains
HP	High Plains	TP	Trans-Pecos

Aside from exceptions such as those noted above, State records are given with U.S. Postal Service two-letter abbreviations.

We have not included in the list species from *Prosopis* that we considered to be obviously incidental—e.g., Ephemeroptera and *Cnithon*—but some incidental associations were no doubt overlooked.

A short list of insects and some references to Old World insects on *Prosopis* are included in the appendix. They were found during the literature search, and the list is certainly incomplete. The

host plant index is an alphabetical listing of each insect recorded on each plant type. In addition, all insect species included in the text appear in the species index in alphabetical order by species name, followed by the genus, order, and family to which each belongs.

The species names given are in almost every case the names returned to us from the various specialists listed in the acknowledgments section or exactly as they appeared in a published source. In some instances, however, changes in generic interpretations were published following the return of identified material or publication of the source consulted, and we may or may not have properly applied these changes to this material. Any lack of precision in these interpretations must be borne by the authors. Likewise, the correctness of interpretations of synonyms, distributional data, etc. must be borne by the authors, as only a few of the specialists had an opportunity to review the final manuscript before publication.

ANNOTATED CHECKLIST

COLEOPTERA

Alleculidae

Hymenorus sp. On mesquite (2).

1. Blackwelder 1945:507. 2. TTU. MEXICO (2).

Hymenorus indutus Csy., 1891:119. On mesquite (2).

1. Leng 1920:218. 2. TTU. AZ, TX (1), TX[RP] (2).

Lobopoda sp. On *Prosopis alba* (2).

1. Blackwelder 1945:505. 2. TTU. ARGENTINA (2).

Menoceus crassicornis Champ., 1888:444. On *Prosopis* (2).

1. Blackwelder 1945:507. 2. TTU. GUATEMALA (1), MEXICO (1, 2).

Anobiidae

Petalium sp. On *Prosopis*, mesquite (2).

1. Blackwelder 1945:404. 2. TTU. MEXICO (2).

Ptilinus ruficornis Say, 1823:186. In mesquite, beech, maple, oak, sycamore, probably other hardwoods (2).

1. Leng 1920:244. 2. Craighead 1949:226. SYN: *Ptilinus bicolor* Mels., 1846:308. CANADA, NEW ENGLAND, IN, DAK (1).

Trichodesma sp. On *Prosopis laevigata* (2).

1. Blackwelder 1945:402. 2. TTU. MEXICO (2).

Tricorynus spp. On *Prosopis*, mesquite (2).

1. Blackwelder 1945:405. 2. TTU. MEXICO, NM (2).

Tricorynus gibbulus (Fall), 1905:238. On mesquite (2).

1. Leng 1920:243. 2. TTU. SYN: *Catorama gibbulum* Fall. AZ, CA (1), NM, TX[STP] (2).

Tricorynus subrutileps (Pic), 1905:136. On *Prosopis nigra*—larvae bore in small branches (2); *Prosopis* sp. (3).

1. Blackwelder 1945:406. 2. Bosq 1942:18. 3. TTU.

SYN: *Catorama subrutileps* Pic.

ARGENTINA (1, 2, 3).

Tricorynus tumidum (Fall), 1905:243. On mesquite (2).

1. Leng 1920:243. 2. TTU.

SYN: *Catorama tumidum* Fall.

MEXICO (2), NM, TX (1).

Anthicidae

Anthicus sp. On *Prosopis* (2).

1. Blackwelder 1945:433. 2. TTU. ARGENTINA (2).

Thicanus sp. On mesquite (3).

1. Blackwelder 1945:433. 2. Leng 1920:163. 3. TTU.

MEXICO, NM (3).

Bostrichidae

Amphicerus bicaudatus (Say), 1824:320. On mesquite (4).

1. Blackwelder 1945:399. 2. Blackwelder and Blackwelder 1948:30. 3. Leng 1920:245. 4. TTU. SYN: *Apate bicuadatus* Say; *A. serricollis* Germar, 1824:464; *A. aspericollis* Germar, 1824:465; *A. bicaudatus* Say, 1824:320; *Amphicerus gracilis* Casey, 1898:68.

CUBA (1, 2), FL, IN, KS (3), TX[RP] (4).

Amphicerus cornutus (Pallas), 1772:8. On *Prosopis juliflora*—bores in dead or dying wood (5); mesquite (4, 7); figs, grapes (6); oak (5); pomegranate, walnut (7).

1. Blackwelder 1945:399. 2. Blackwelder and Blackwelder 1948:30. 3. Leng 1920:245. 4. Essig 1913:681. 5. Essig 1934:435. 6. Herbert 1920:361. 7. P. H. Timberlake, pers. comm.

SYN: *Ligniperda cornutus* Pallas; *L. bicornutus* Latr., 1833:65; *Bostrichus peregrinus* Er., 1847:87; *Apate punctipennis* LeC., 1858:73; *Bostrichus migrator* Sharp, 1885:160; *Amphicerus maritimus* Casey, 1898:68.

SOUTH AMERICA (1, 3), TROPICAL AMERICA (1), MEXICO (1, 3, 4), AZ, CA (4), HI (1), FL (3), NM (4), TX (3, 4).

Amphicerus simplex (Horn), 1885:155. On mesquite (2).

1. Leng 1920:245. 2. TTU.
 SYN: *Sinoxylon simplex* Horn; *Amphicerus brevicollis* Casey, 1898:69; *A. grandicollis* Casey, 1898:69.
 MEXICO (1, 2), AZ, TX (1).
- Amphicerus teres* Horn, 1878:548. In mesquite—bores into bud axil, killing twigs (2).
 1. Leng 1920:245. 2. Essig 1934:435.
 AZ (2), CA (1, 2).
- Apatides fortis* (LeC.), 1866:101. In mesquite (3, 4); in dead sapwood (4).
 1. Leng 1920:245. 2. Essig 1934:435. 3. Craighead and Hofer 1921:6. 4. Lebert 1931:64.
 SYN: *Amphicerus fortis* LeC.; *Apatides puncticeps* Casey, 1898:70; *A. pollens* Casey, 1914:359.
 AZ (1), CA (3), UT (1).
- Dendrobiella aspera* (LeC.), 1858:73. In mesquite (4).
 1. Blackwelder 1945:400. 2. Blackwelder and Blackwelder 1948:30. 3. Leng 1920:244. 4. F. G. Werner, pers. comm.
 SYN: *Sinoxylon asperum* LeC.; *S. sericans* Horn, 1878:542 (not LeC.).
 MEXICO, UNITED STATES (1), AZ (4).
- Dendrobiella sericans* (LeC.), 1858:73. In mesquite—larvae destructive in dead wood (4).
 1. Blackwelder 1945:400. 2. Blackwelder and Blackwelder 1948:30. 3. Leng 1920:244. 4. Essig 1934:435.
 SYN: *Sinoxylon sericans* LeC.; *Dendrobiella pubescens* Csy., 1898:67.
 GUATEMALA, HONDURAS, PANAMA (1), MEXICO (1, 2, 3, 4), AZ, CA (2, 3, 4), NM (4), TX (2, 3, 4).
- Polycaon femoralis* (Fabr.), 1792:664. In mesquite, *Casuarina* (2).
 1. Leng 1920:245. 2. Craighead 1949:227.
 SYN: *Apate femoralis* Fabr.; *A. gonagra* Fabr., 1798:156.
 CENTRAL AMERICA, TX (1).
- Xyloblaptus quadrispinosus* (LeC.), 1866:100. In mesquite (3).
 1. Blackwelder 1945:400. 2. Leng 1920:244. 3. F. G. Werner, pers. comm.
 SYN: *Sinoxylon quadrispinosa* LeC.
 GUATEMALA (1), MEXICO (1, 2), AZ (2, 3).
- Xylobiops* spp. On *Prosopis glandulosa* (4); in mesquite—larvae destructive to dead wood (3).
 1. Blackwelder 1945:400. 2. Leng 1920:244. 3. Craighead and Hofer 1921:6. 4. TTU.
 ARGENTINA (4), SOUTHWESTERN UNITED STATES (3), TX[RP] (4).
- Xylobiops sextuberculatum* (LeC.), 1858:73. In *Prosopis* (3).
 1. Blackwelder 1945:400. 2. Leng 1920:244. 3. F. G. Werner, pers. comm.
 SYN: *Sinoxylon sextuberculatum* LeC.
 GUATEMALA, GRENADA (1), MEXICO (1, 2), AZ (2, 3), CA, TX (2).
- Xylobiops texanum* (Horn), 1878:543. On *Prosopis glandulosa*, *P. laevigata* (4); *P. sp.* (3, 4); mesquite—bores in small and medium sized dead branches (4).
 1. Blackwelder 1945:400. 2. Leng 1920:244. 3. Foster and Barr 1972:122. 4. TTU.
 SYN: *Sinoxylon texanum* Horn; *Xylobiops texana* (Horn), 1878:542.
 JAMAICA (1), MEXICO (4), FL, TX (2), TX[EP] (3), HP, RP (4)].
- Xyloprista hexacantha* (Fairm.), 1892:245. On *Prosopis* spp.—attacks many other species including caldén and eucalyptus (2).
 1. Blackwelder 1945:400. 2. Hayward 1958:5.
 SYN: *Xylopertha hexacantha* Fairm.
 SOUTH AMERICA (1), ARGENTINA (1, 2).

Bruchidae

- Acanthoscelides chiricahuae* (Fall), 1910:181. On mesquite (3); *Quercus undata*, *Gymnosperma gultinosum* (2).
 1. Leng 1920:305. 2. Moldenke 1971:107. 3. TTU.
 SYN: *Bruchus chiricahuae* Fall; *Mylabris chiricahuae* (Fall).
 MEXICO (2), AZ (1), NM, TX[HP] (3).
- Acanthoscelides ferrugineipennis* (Blanch.), 1851:294. In *Prosopis tamarugo* fruits (2).
 1. Blackwelder 1946:759. 2. Porter 1914:43.
 SYN: *Bruchus ferrugineipennis* Blanch.
 CHILE (1, 2).
- Acanthoscelides longescutus* (Pic), 1938:24. In *Prosopis strombulifera*—found in fruits (2).
 1. Blackwelder 1946:760. 2. Hayward 1958:6.
 SYN: *Bruchus longescutus* Pic.
 ARGENTINA (2), BOLIVIA (1).
- Acanthoscelides vagenotatus* (Pic), 1938:19. On *Prosopis alba*, *P. algarobilla*, *P. nigra*, *P. rusciifolia*—reared from branches (3); *P. sp.* (2).
 1. Blackwelder 1946:761. 2. Bosq 1942:18. 3. Hayward 1958:6.
 SYN: *Bruchus vagenotatus* Pic.
 ARGENTINA (2, 3), PERU (1).
- Algarobius* sp. On mesquite (2, 3)—bean feeder

causing considerable damage (2).

1. Blackwelder and Blackwelder 1948:45. 2. C. E. Rogers, pers. comm. 3. TTU. TX[RP] (2), STP (3)].

Algarobius bottimeri Kings., 1972:116. In *Prosopis glandulosa* (1, 2).

1. Kingsolver 1972:116. 2. TTU.

SYN: *Bruchus prosopis* LeC., 1858:77 (of authors not LeC., 1858:77, especially records from TX and HI); *Algarobius prosopis* (of authors, in part).

MEXICO (1, 2), HI, NM, TX (1), TX[HP, RP, TP] (2).

Algarobius prosopis (LeC.), 1858:77. On *Prosopis glandulosa* (3); *P. juliflora* (3, 4); *P. pubescens* (3); *P. velutina* (3, 5)--infests seeds of hosts, oviposits in green or dry pods (5); mesquite (5, 6, 8, 9, 10), *Vachellia farnesiana* (7); [detailed biologies including parasites (3, 6, 8)].

1. Blackwelder 1946:760. 2. Leng 1920:305. 3. Bridwell 1917:475. 4. Bridwell 1919:17. 5. Bridwell 1920a:337. 6. Forister 1970:73. 7. Moldenke 1971:107. 8. Swezey 1928:675. 9. F. G. Werner, pers. comm. 10. TTU.

SYN: *Bruchus prosopis* LeC., *B. uniformis* LeC., 1858:77; *B. desertorum* LeC., 1858:78; *Acanthoscelides prosopis* (LeC.); *Mylabris prosopis* (LeC.).

SOUTH AMERICA (3), GUATEMALA (1), MEXICO (1, 2, 5, 7), AZ (2, 3, 8, 9), CA (2, 3), HI (2, 3, 4, 5, 7), NM (10), TX (3, 10), TX[HP] (10).

Amblycerus sp. On *Prosopis* (2).

1. Blackwelder and Blackwelder 1948:44. 2. R. F. Wilkey, pers. comm. CA (2).

Amblycerus martorelli Bridwell, 1943:133. In *Prosopis chilensis* -affects seeds, mesquite (2).

1. Blackwelder 1946:762. 2. Bridwell 1943:133. DOMINICAN REPUBLIC, HAITI (2), PUERTO RICO (1, 2).

Amblycerus piurae Pierce, 1915:8. On *Prosopis* (2).

1. Blackwelder 1946:763. 2. Bridwell 1943:135. PERU (1, 2).

Bruchus brachialis Fahr., 1939:79. On mesquite (2).

1. Blackwelder 1939:64. 2. TTU. CO (2), GA, NJ, OH (1), TX[HP] (2).

Caryoborus gonagra (Fabr.), 1798:159. On *Prosopis juliflora* - each larva destroys one or more

mature seeds (1, 3, 4); *Acacia farnesiana*, *Bauhinia monandra*, *B. tomentosa*, *Caesalpinia pulcherrima*, *Cassia fistula*, *C. grandis*, *Tamaridus indicus* (1); *Cassia nodosa* (1, 2); [details of biology, including parasites (1, 5)].

1. Bridwell 1917:477. 2. Bridwell 1919:15. 3. Bridwell 1920a:339. 4. Bridwell 1920b:408. 5. Swezey 1928:675. 6. Kapur 1938:528.

SYN: *Bruchus gonagra* Fabr.; *Pachymerus gonagra* (Fabr.).

HI (1, 2, 3, 4).

Mimosestes amicus (Horn), 1873:331. On *Prosopis glandulosa* (6); *P. juliflora* (5); mesquite—also oviposits on *Cercidium floridum* (3); *Gymnosperma glutinosum*, *Hymenoclea salsola* (4); [detailed biology including parasites (3, 5)].

1. Blackwelder 1946:758. 2. Leng 1920:305. 3. Forister 1970:72. 4. Moldenke 1971:108. 5. Swezey 1928:675. 6. TTU.

SYN: *Bruchus amicus* Horn; *Mylabris amicus* (Horn); *Acanthoscelides amicus* (Horn).

MEXICO (1, 5), PUERTO RICO (1), AZ (2, 3), HI (4), TX (2).

Mimosestes protractus (Horn), 1873:330. In *Prosopis juliflora* (5); on mesquite (4, 5); [detailed biology (3)].

1. Blackwelder 1946:760. 2. Leng 1920:305. 3. Forister 1970:71. 4. F. G. Werner, pers. comm. 5. TTU.

SYN: *Bruchus protractus* Horn; *B. longiventris* Sharp, 1885:473; *Mylabris protractus* (Horn), *Acanthoscelides protractus* (Horn).

MEXICO (1, 2, 5), AZ (2, 3, 4), CA, TX (2).

Mimosestes sallaei (Sharp), 1885:475. In *Prosopis juliflora* — oviposits mostly on mature pods, 2-7 or more eggs in cluster (6); *P. sp.* (9); *Acacia farnesiana* (3, 4, 5); *A. amentacea*, *Gleditsia triacanthos* (4); *Mimosa hysterothorus*, *Parthenium hysterothorus*, *Quercus undata* (7); [detailed biology including parasites (1, 6, 8)].

1. Blackwelder 1946:761. 2. Blackwelder and Blackwelder 1948:45. 3. Leng 1920:305. 4. Bridwell 1919:15. 5. Bridwell 1920a:337. 6. Bridwell 1920b:403. 7. Moldenke 1971:108. 8. Swezey 1928:669. 9. TTU.

SYN: *Pachymerus sallaei* Sharp; *Bruchus sallaei* (Sharp); *Acanthoscelides sallaei* (Sharp); *A. sallaei* Pic. 1913:47; *Mylabris sallaei* (Sharp).

CENTRAL AMERICA (4), GUATEMALA (1), MEXICO (1, 3, 4, 7), PUERTO RICO (1), HI (4, 5, 6, 7), TX (1), TX[CTP] (9).

Neltumius arizonensis (Schffr.), 1904:229. In *Prosopis chilensis*, *P. juliflora*—seeds (4, 5); on

P. velutina (5); mesquite (6); *Chilopsis linearis*, *Covillea tridentata* (5); [detailed biology (4)].

1. Blackwelder and Blackwelder 1948:45. 2. Leng 1920:305. 3. Brandley 1946:36. 4. Forister 1970:67. 5. Kingsolver 1964:106. 6. F. G. Werner, pers. comm.

SYN: *Bruchus arizonensis* Schffr.; *Mylabris arizonensis* (Schffr.).

AZ (2, 4, 5, 6), CA, NV, TX (5).

Neltumius gibbithorax (Schffr.), 1904:230. In *Prosopis odorata*—reared from beans: on *P. pubescens*, *Pluchea sericea* (4); mesquite—may be numerous in seeds, always in restricted areas (5).

1. Blackwelder and Blackwelder 1948:45. 2. Leng 1920:305. 3. Bradley 1946:36. 4. Kingsolver 1964:106. 5. C. D. Johnson, pers. comm.

SYN: *Bruchus gibbithorax* Schffr.; *Mylabris gibbithorax* (Schffr.).

MEXICO (4), AZ, CA (2, 4), NV (4), TX (2), UT (4).

Pectinibruchus longiscutus Kings., 1967:324. On *Prosopis panta*, *P. sp.* (1).

1. Kingsolver 1967:324.

ARGENTINA (1).

Rhipibruchus picturatus (Fahr.), 1839:2. On *Prosopis alba*, *P. algarobilla*, *P. humilis*, *P. nigra* (2, 3); *P. chilensis*, *P. juliflora*, *P. nandubey*, *P. siliquastrum* (3).

1. Blackwelder 1946:758. 2. Hayward 1958:6. 3. Kingsolver 1967:320.

SYN: *Bruchus picturatus* Fahr.; *Megalorhipis leiboldi* Philippi, 1859:669; *M. leyboldi* Pic, 1913:12; *Rhipibruchus picturatus* Bridwell, 1932:105.

ARGENTINA (2, 3), CHILE (1, 3), COLOMBIA, URUGUAY (3).

Rhipibruchus prosopis Kings., 1967:322. On *Prosopis juliflora*, *P. nigra*, *P. strombulifera* (1).

1. Kingsolver 1967:322.

ARGENTINA, URUGUAY (1).

Scutobruchus sp. On *Prosopis caldenia* (1).

1. TTU.

ARGENTINA (1).

Scutobruchus gastoi Kings., 1968:285. On *Prosopis sp.* (1).

1. Kingsolver 1968:285.

CHILE (1).

Sennius sp. On *Prosopis* (2).

1. Blackwelder and Blackwelder 1948:45. 2. TTU.

ARGENTINA (2).

Stator limbatus (Horn), 1873:324. *Prosopis* (5); mesquite—prob. doesn't attack seeds except un-

der experimental conditions (4); *Albizzia lebeck*, *Pithecolobium dulce*, *Samanea saman*—will infest *Acacia farnesiana* and *Prosopis juliflora* in the lab (3).

1. Blackwelder 1946:760. 2. Leng 1920:305. 3. Bridwell 1920b:406. 4. C. D. Johnson, pers. comm. 5. J. M. Kingsolver, pers. comm.

SYN: *Bruchus limbatus* Horn; *Mylabris limbatus* (Horn); *Acanthoscelides limbatus* (Horn). MEXICO (1, 2, 3), AZ (2, 4), CA (2), HI (3), TX (2).

Stator pruininus (Horn), 1873:324. On *Prosopis juliflora* (4); *Prosopis* (6)—prob. doesn't infest seed naturally (5); *Acacia* spp., *Albizzia saponaria*, *Desmanthus virgatus*—will infest several plant genera in lab (4).

1. Blackwelder 1946:760. 2. Blackwelder and Blackwelder 1948:45. 3. Leng 1920:305. 4. Bridwell 1917:468. 5. C. D. Johnson, pers. comm. 6. TTU.

SYN: *Bruchus pruininus* Horn; *Mylabris pruininus* (Horn); *Acanthoscelides pruininus* (Horn). MEXICO (1, 5, 6), AZ (4, 5), CA (3), HI (4), TX (3).

Buprestidae

Acmaeodera alacris Horn, 1878:25. On *Prosopis juliflora*, *Cercidium plurifoliolatum* (2).

1. Leng 1920:178. 2. Nelson 1967:23.

MEXICO (2), CA (1, 2).

Acmaeodera bivulnera Horn, 1894:328. On *Prosopis* (4); mesquite (6); *Cercidium floridum*, *Hymenoclea salsola* (5).

1. Blackwelder 1944b:307. 2. Blackwelder and Blackwelder 1948:20. 3. Leng 1920:178. 4. Barr 1941b:63. 5. Nelson 1959:23. 6. W. F. Barr, pers. comm.

MEXICO (1, 2, 3), AZ (2, 3, 4), CA (5).

Acmaeodera comata LeC., 1858:70. On *Prosopis* (4).

1. Blackwelder 1944b:307. 2. Blackwelder and Blackwelder 1948:20. 3. Leng 1920:178. 4. UCR.

SYN: *Acmaeodera comata* LeC. 1863:43.

MEXICO (1, 4), AZ (2), CA (3).

Acmaeodera gibbula LeC., 1858:69. On *Prosopis chilensis* (5); *P. glandulosa* (5, 6)—found on wide variety of flowers (4, 5); *P. juliflora*, *Condalia obtusifolia*, *Leucophyllum texanum* (4).

1. Blackwelder 1944b:307. 2. Blackwelder and Blackwelder 1948:20. 3. Leng 1920:178. 4. Vogt 1949:194. 5. W. F. Barr, pers. comm. 6. TTU.

- SYN: *Acmaeodera delumbis* Horn, 1894:378.
MEXICO (1, 2, 5), I. TIBURON (1), AZ, CA,
NM (3, 4), TX (2), TX[RP] (6), STP (5, 6), TP
(6)).
- Acmaeodera griffithi* Fall, 1899:36. On mesquite
(3); *Acacia greggii* (2).
1. Leng 1920:178. 2. Nelson 1964:37. 3. W.
F. Barr, pers. comm.
AZ (1, 2).
- Acmaeodera hassayampae* Knull, 1961:80. On
Prosopis (1); *Acacia greggii*--reared from limbs
(2).
1. Barr 1941b:63 (as *A. hulli*). 2. Nelson
1964:37. 3. W. F. Barr, pers. comm.
CA (1).
- Acmaeodera haulapaiana* Knull, 1952:349. On
mesquite (1).
1. W. F. Barr, pers. comm.
CA (1).
- Acmaeodera hulli* Knull, 1928:315. On *Prosopis*
glandulosa (4); mesquite (3).
1. Blackwelder and Blackwelder 1948:20. 2.
Leng and Mutchler 1933:28. 3. W. F. Barr,
pers. comm. 4. TTU.
MEXICO (1), AZ (1, 3), CA (1), NM (2),
TX[RP] (4).
- Acmaeodera jaguarina* Knull, 1938:135. On *Pro-*
sopis pubescens, mesquite (4).
1. Blackwelder 1939:42. 2. Blackwelder and
Blackwelder 1948:20. 3. Barr 1941b:63. 4. W.
F. Barr, pers. comm.
AZ, CA (1, 2, 3).
- Acmaeodera junki* Théry, 1929:115. In *Proso-*
pis--reared from branches (6); mesquite (5);
reared from *Acacia greggii* (4).
1. Blackwelder 1944b:307. 2. Blackwelder and
Blackwelder 1948:20. 3. Leng and Mutchler
1933:29. 4. Nelson 1964:37. 5. W. F. Barr,
pers. comm. 6. F. G. Werner, pers. comm.
SYN: *Acmaeodera squamosa* Van D., 1919:
186 (not Théry).
MEXICO (1), AZ (2, 4, 5, 6), CA, TX (2),
TX[TP] (5).
- Acmaeodera latiflava latiflava* Fall, 1907:240.
On *Prosopis* (4, 5).
1. Blackwelder and Blackwelder 1948:20. 2.
Leng 1920:178. 3. Nelson 1962:57. 4. W. F.
Barr, pers. comm. 5. UCR.
SYN: *Acmaeodera hepburni latiflava* Fall.
MEXICO (3), CA (2, 4, 5), NV (1).
- Acmaeodera maculifera* Horn, 1894:372. On
mesquite (2).
1. Leng 1920:178. 2. TTU.
AZ (1), NM (2), TX (1).
- Acmaeodera parkeri* Cazier, 1940:22. On mes-
quite (2).
1. Blackwelder and Blackwelder 1948:19. 2.
W. F. Barr, pers. comm.
MEXICO (1), AZ (1, 2), NM (2).
- Acmaeodera pinalorum* Knull, 1930:15. On *Pro-*
sopis (3).
1. Blackwelder and Blackwelder 1948:20. 2.
Leng and Mutchler 1933:28. 3. W. F. Barr,
pers. comm.
AZ (1, 2, 3), CA (1, 3).
- Acmaeodera pulchella* complex. On *Prosopis*
glandulosa, mesquite (3); adults on flowers of
several composites (2).
1. Leng 1920:178. 2. Vogt 1949:195. 3. TTU.
TX[HP, RP] (3), STP (2), TP (3)].
- Acmaeodera quadrivittata* Horn, 1870:79. On
Prosopis (5); cactus flowers (4).
1. Blackwelder 1944b:307. 2. Blackwelder and
Blackwelder 1948:20. 3. Leng 1920:178. 4. Vogt
1949:195. 5. W. F. Barr, pers. comm.
MEXICO (1, 2), AZ (3), CA (3, 5), CO, NM (2),
TX (3, 4, 5), UT (2).
- Acmaeodera robusta* Horn, 1878:9. On mes-
quite, *Bebbia*, *Chionactius*, *Dalea*, *Encelia*, *La-*
pidium (4).
1. Blackwelder 1939:42. 2. Blackwelder and
Blackwelder 1948:20. 3. Leng 1920:178. 4.
UCR.
SYN: *Acmaeodera robusta* var. *rubrosuffusa*
Fall, 1907:240; *A. robusta duboisi* Cazier, 1938:
138.
CA (1, 2), NV (2).
- Acmaeodera tuta* Horn, 1878:11. On *Prosopis*
glandulosa, *P. juliflora* (3); mesquite (4).
1. Blackwelder and Blackwelder 1948:19. 2.
Leng 1920:178. 3. Cazier 1938:138. 4. W. F.
Barr, pers. comm.
SYN: *Acmaeodera robusta duboisi* Cazier
1938:138.
CA (2, 4), NV (1), UT (2, 4).
- Acmaeodera uvaldensis* Knull, 1936:73. On *Pro-*
sopis juliflora--while in bloom (2).
1. Blackwelder 1939:42. 2. Vogt 1949:194.
TX (1), TX[STP] (2).
- Acmaeodera varipilis* Van D., 1934:62. On *Pro-*
sopis glandulosa, *Acacia greggii* (3).
1. Blackwelder 1939:42. 2. Blackwelder
1944b:308. 3. UCR.
MEXICO (2, 3), I. TIBURON (2), AZ (1),
CA (1, 3), TX (1).
- Acmaeoderoides cazieri* Nelson, 1968:137. On

- Prosopis juliflora*, *P. pubescens*—on dead twigs, *Atriplex lentiformis* foliage (1).
1. Nelson 1968:137.
CA (1).
- Acmaeoderoides rossi* (Cazier), 1937:115. On *Prosopis* (2, 3); *Acacia*; *Hyptis emoryi*—on dead twigs; adults have been taken on a wide variety of flowers including *Cercidium floridum*, *Ephedra* sp., *Eriogonum* spp., *Larrea tridentata*, *Palafoxia* spp., *Stephanomeria* spp. (3).
1. Blackwelder 1939:42. 2. Barr 1941b:65. 3. Nelson 1968:141.
SYN: *Acmaeodera rossi* Cazier; *Tendaris balli* Knull, 1937:302.
AZ (2, 3), CA (1, 2, 3).
- Acmaeoderoides rufesens* Nelson, 1968:144. On *Prosopis juliflora* (1, 2); *Geraea canescens* flowers (2).
1. Nelson 1968:144. 2. UCR.
CA (1, 2).
- Actenodes* sp. On *Prosopis* (2).
1. Leng 1920:183. 2. TTU.
TX[RP] (2).
- Actenodes arizonica* Knull, 1927:115. On *Prosopis chilensis* (2); *P.* sp. (3).
1. Leng and Mutchler 1933:29. 2. Nelson 1962:59. 3. W. F. Barr, pers. comm.
AZ (1, 2), CA (3).
- Actenodes mendax* Horn, 1891:46. On *Prosopis juliflora* (3); mesquite (3,4)—dead trees (3).
1. Blackwelder 1944b:319. 2. Leng 1920:183. 3. Vogt 1949:197. 4. TTU.
MEXICO (1), CA, TX (2), TX[RP] (4), STP (3)].
- Agrilus* spp. On *Prosopis alba*, *P. caldenia*, *P. glandulosa*, mesquite (3).
1. Leng 1920:183. 2. Blackwelder 1944b:323. 3. TTU.
ARGENTINA, MEXICO, TX[EP, RP] (3).
- Agrilus abditus* Horn, 1891:332. On *Prosopis* (2).
1. Leng 1920:184. 2. F. G. Werner, pers. comm.
NV (1, 2).
- Agrilus addendus* Cr., 1873:95. On mesquite, blackbrush, huisache (3).
1. Blackwelder 1944b:323. 2. Leng 1920:184. 3. Vogt 1949:198.
MEXICO (1, 3), AZ, IN, TX (2), TX[GP, STP] (3).
- Agrilus cupreonitens* Fisher, 1928:265. On mesquite, blackbrush, huisache (2).
1. Leng and Mutchler 1933:30. 2. Vogt 1949:198.
TX (1), TX[GP, STP] (2).
- Agrilus felix* Horn, 1891:326. On *Prosopis juliflora*, mesquite foliage (3).
1. Blackwelder 1944b:326. 2. Leng 1920:184. 3. Vogt 1949:198.
MEXICO (1), AZ (2), TX[STP] (3).
- Agrilus palmacollis* Horn, 1891:326. On *Prosopis glandulosa*, *P.* sp. (5); mesquite—frequents young foliage (3); reared from mesquite (4).
1. Blackwelder 1944b:328. 2. Leng 1920:184. 3. Vogt 1949:198. 4. F. G. Werner, pers. comm. 5. TPU.
MEXICO (1), AZ (2, 4), NM (5), TX (2), TX[HP, RP (5), STP (3)].
- Agrilus prosopidis* Fisher, 1928:275. On *Prosopis* (3); mesquite, ebony (2).
1. Leng and Mutchler 1933:30. 2. Vogt 1949:198. 3. TTU.
TX (1), TX[GP (3), STP (2)].
- Agrilus viridescens* Knull, 1935:97. On mesquite (2, 3).
1. Blackwelder 1939:44. 2. Vogt 1949:200. 3. TAMU.
TX (1), TX[GP, STP] (2, 3).
- Agrilus wenzeli* Knull, 1928:333. On *Prosopis chilensis*, *Acacia greggii* (2).
1. Blackwelder 1939:44. 2. Nelson 1964:39.
AZ (1).
- Ancylotela anomalis* (Knull), 1937:252. On *Prosopis* (2).
1. Blackwelder 1939:42. 2. Barr 1941a:169.
SYN: *Paratyndaris anomalis* Knull.
CA (2), NV (1).
- Ancylotela barberi* (Skinner), 1903:238. On *Prosopis* (5); *Olneya tesota* (4).
1. Blackwelder 1939:42. 2. Leng 1920:178. 3. Barr 1941a:169. 4. Nelson 1962:58. 5. W. F. Barr, pers. comm.
SYN: *Tyndaris barberi* Skinner; *Paratyndaris barberi* (Skinner).
AZ (1, 2, 4), CA (3), NV (1, 4).
- Ancylotela olneyae* (Skinner), 1903:236. On *Prosopis juliflora*, *P.* sp., mesquite (4)—feeds on bark of dead branches and twigs (7); *Acacia greggii*, *Cercidium torreyanum* (5); *Olneya tesota* (7); rockbrush (6).
1. Blackwelder 1939:42. 2. Blackwelder and Blackwelder 1948:20. 3. Leng 1920:178. 4. Barr 1941a:169. 5. Burke 1918:211. 6. Duncan 1933:229. 7. Nelson 1962:58. 8. Vogt 1949:195.
SYN: *Tyndaris olneyae* Skinner; *Paratyndaris olneyae* (Skinner); *P. olneya* Van D., 1945:109.
MEXICO (2, 7), AZ (1, 2, 3, 4, 5), CA (2, 5), NV (1, 5), TX (2), TX[STP] (8).

Chrysobothris spp. On mesquite (3).

1. Blackwelder 1944b:306. 2. Leng 1920:182.
3. TTU.

MEXICO, AZ (3).

Chrysobothris acutipennis Chev., 1835:190. On *Prosopis juliflora*, *Acacia berlandieri*—reared from tepeguaje branches pruned by *Oncideres pustulatus* (3).

1. Blackwelder 1944b:316. 2. Leng 1920:182.
3. Vogt 1949:197.

SYN: *Chrysobothris cupreoaenea* L. & G., 1837:39, *C. cupreoaenea* Cast., 1838:39; *C. acuminata* LeC., 1859:237; *C. cupreosignata* Thoms., 1878:80.

BRITISH HONDURAS, COLOMBIA, COSTA RICA, FRENCH GUIANA, GUATEMALA, HONDURAS (1), MEXICO (1, 2), NICARAGUA, PANAMA, VENEZUELA (1), AZ, TX (2), TX[GP, STP] (3).

Chrysobothris analis LeC., 1859:238. On mesquite—reared from cedar, elm, huisache, tepehuaje, found in a variety of dead woody plants (3).

1. Blackwelder 1944b:316. 2. Leng 1920:182.
3. Vogt 1949:197.

SYN: *Chrysobothris austinii* Thoms., 1878:78.

GUATEMALA (1), MEXICO (1, 2), AZ, CA (3), TX (2), TX[STP] (3).

Chrysobothris basalis LeC., 1858:68. On *Prosopis juliflora*, *Acacia farnesiana*, *Leucaena pulverulenta* (3).

1. Blackwelder 1944b:316. 2. Leng 1920:182.
3. Vogt 1949:196.

SYN: *Chrysobothris atabalipa* LeC., 1857:8; *C. multistigmata* Kerr., 1892:217; *C. m. basalis* LeC.

MEXICO (1), TX (2), TX[GP, STP] (3).

Chrysobothris debilis LeC., 1859:236. On *Prosopis juliflora* (4, 6); mines under bark of dead and dying limbs (4); mesquite (5).

1. Blackwelder 1944b:316. 2. Blackwelder and Blackwelder 1948:22. 3. Leng 1920:183. 4. Burke 1918:210. 5. Van Dyke 1918:58. 6. W. F. Barr, pers. comm.

SYN: *Chrysobothris disjuncta* LeC., 1859:236.

MEXICO (1), WESTERN STATES (4), AZ (2, 3, 4), CA (3), OH (2), OR (3), NM (2, 3), WA (3).

Chrysobothris near deleta LeC. On mesquite (2).

1. Leng 1920:183. 2. TTU.

TX[HP] (2).

Chrysobothris exesa LeC., 1858:68. On *P. juliflora*—mines bark, heartwood, and sapwood of

dead and dying trees (3, 5); *Prosopis* sp. (4); mesquite (6).

1. Blackwelder 1944b:317. 2. Leng 1920:183.
3. Burke 1918:211. 4. Van Dyke 1918:58. 5. Vogt 1949:197. 6. TTU.

MEXICO (1), AZ (2, 3), CA (2), TX[RP] (6), STP (5)].

Chrysobothris gemmata LeC., 1858:67. On *Prosopis juliflora* (3, 5)—mines living, dying, and dead branches (4), may kill entire tree (3, 4); mesquite (5).

1. Blackwelder 1944b:317. 2. Leng 1920:182.
3. Burke 1918:211. 4. Essig 1934:401. 5. Van Dyke 1918:58.

MEXICO (1), AZ (2, 3, 4, 5).

Chrysobothris lateralis Waterh., 1887:47. In *Prosopis*, mesquite (4); occurs in branches cut by *Oncideres*, probably reared from sound branches (3).

1. Leng 1920:182. 2. W. F. Barr, pers. comm.
3. F. G. Werner, pers. comm. 4. TTU.

MEXICO (1, 2), AZ (3, 4), CA (3), NM (4), TX (1), TX[HP] (4).

Chrysobothris lixa Horn, 1886:101. On *Prosopis juliflora*, mesquite (4).

1. Blackwelder 1944b:317. 2. Blackwelder and Blackwelder 1948:22. 3. Leng 1920:183. 4. Vogt 1949:196.

MEXICO (1), AZ, TX (3), TX[STP] (4).

Chrysobothris mali Horn, 1886:97. On *Prosopis juliflora* (3); mesquite, also infests a variety of trees including apple, apricot, cherry, peach, pear, plum, and others (2).

1. Leng 1920:183. 2. Essig 1934:401. 3. Van Dyke 1918:58.

SYN: *Chrysobothris mali lineatipennis* Van D., 1916:411.

AZ (1), CA (1, 2, 3), CO (1).

Chrysobothris merheli Horn, 1886:104. On *Prosopis glandulosa* (6); *P. juliflora* (3, 5); mesquite (3, 4)—mines dying and dead mesquite and cats-claw (3); ebony, guajillo (5).

1. Blackwelder 1944b:317. 2. Leng 1920:182.
3. Essig 1934:401. 4. Van Dyke 1918:58. 5. Vogt 1949:197. 6. TTU.

MEXICO (1), AZ, CA (2, 3), NM (3), TX (2, 3), TX[RP] (6), STP (5)].

Chrysobothris octocola LeC., 1858:67. On *Prosopis glandulosa* (9); *P. juliflora*—on freshly killed mesquite (7, 9); mesquite (6, 7); reared from mesquite branches (5, 8); bores in injured and dead branches—also of palo verde (3); hackberry, huisache, huisachillo, tree catsclaw (7).

1. Blackwelder 1944b:318. 2. Leng 1920:182.
3. Essig 1934:402. 4. Keen 1952:191. 5. Craig-
head and Hofer 1921:6. 6. Van Dyke 1918:58.
7. Vogt 1949:196. 8. F. G. Werner, pers. comm.
9. TTU.
SYN: *Chrysobothris caviventris* Théry, 1826:
165; *C. octopunctata* Kunze, 1904:242.
MEXICO (1, 9), AZ, CA, TX (2), TX[EP, RP
(9), STP (7, 9), TP (9)].
- Chrysobothri: prosopidis* Fisher, 1942:70. On
Prosopis glandulosa (3); *P. juliflora*, mesquite,
Acacia farnesiana—reared from dead branches
of *Acacia rigidula* (2).
1. Blackwelder and Blackwelder 1948:22. 2.
Vogt 1949:196. 3. TTU.
AZ, TX (1), TX[STP] (2, 3).
- Chrysobothris purpureoplagiata* Schffr., 1904:
206. In mesquite—reared from branches (3).
1. Blackwelder 1944b:318. 2. Leng 1920:183.
3. F. G. Werner, pers. comm.
SYN: *Chrysobothris purpureovittata*
Horn, 1894:328 (not 1886:76).
MEXICO (1), AZ (2, 3).
- Chrysobothris rossi* Van D., 1942:117. In *Pro-
sopis glandulosa*—reared from limbs (4); *P. sp.*
(3); mesquite (4).
1. Blackwelder 1944b:318. 2. Blackwelder and
Blackwelder 1948:22. 3. W. F. Barr, pers. comm.
4. TTU.
MEXICO (1, 2), AZ (3) TX[RP] (4).
- Chrysobothris wichhami* Fisher, 1942:209. On
Prosopis chilensis (2); *P. juliflora* (3); *P. pubes-
cens* (2).
1. Blackwelder and Blackwelder 1948:22. 2.
Nelson 1960:73. 3. Nelson 1967:24.
AZ (1), CA (2, 3).
- Hippomelas cuneata* (Horn), 1868:133. On *Pro-
sopis chilensis*, *Acacia greggii* (2).
1. Leng 1920:179. 2. Nelson 1959:23.
SYN: *Gyascutus cuneata* Horn; *Prasinolia an-
gusta* Csy., 1909:59; *P. metallica* Csy., 1909:59.
AZ, CA (1, 2).
- Hippomelas sphenica* (LeC.), 1854:83. In *Pro-
sopis juliflora*, mesquite (3, 4, 5)—reared from
branches; adults feed on foliage (3); catsclaw (4).
1. Blackwelder 1944b:310. 2. Leng 1920:179.
3. Vogt 1949:195. 4. F. G. Werner, pers. comm.
5. TTU.
SYN: *Gyascutus sphenica* LeC.; *Stictocera*
grossus Csy., 1909:57; *S. robustus* Csy., 1909:
57; *S. serrulatus* Csy., 1909:57.
MEXICO (1), AZ, TX (2), TX[RP] (5), STP (3)].
- Mastogenius sp.* On *Prosopis* (2).
1. Leng 1920:185. 2. F. G. Werner, pers. comm.
AZ (2).
- Mastogenius robustus* Schffr., 1904:210. On mes-
quite (3); *Quercus hypoleucoides* (2).
1. Leng 1920:185. 2. Nelson 1964:41. 3. TTU.
MEXICO (3), AZ (1, 2).
- Paragrilus texanus* Schffr., 1904:211. On mes-
quite, callirhoe, huisache, tepehuaje, malvaceous
plants (2).
1. Blackwelder 1939:44. 2. Vogt 1949:199.
TX (1), TX[GP, STP] (2).
- Paratyndaris chamaeleonis* (Skinner), 1903:237.
On mesquite—oviposits in dead wood; *Bumelia*
celastrina, *Lycium berlandieri* (3).
1. Blackwelder 1939:42. 2. Leng 1920:178.
3. Vogt 1949:195.
SYN: *Tyndaris chamaeleonis* Skinner.
TX (1, 2), TX[STP] (3).
- Polycesta arizonica* Schffr., 1906:21. On *Proso-
pis* (4); *Quercus hypoleuca*, *Q. spp.* (3).
1. Blackwelder 1939:42. 2. Leng 1920:178.
3. Barr 1949:12. 4. Duncan 1933:229.
AZ (1, 2, 3, 4), CA, NM (1).
- Polycesta velasco* Cast. and Gory, 1837:5. On
Prosopis glandulosa, *P. juliflora* (4); mesquite
(5); *Acacia greggii*, *Cercidium floridum*, *Dalia*
spinosa, *Larrea divaricata* (4).
1. Blackwelder 1939:42. 2. Leng 1920:178. 3.
Leng and Mutchler 1933:28. 4. Barr 1949:17.
5. W. F. Barr, pers. comm.
SYN: *Polycesta montezuma* var. *velasco* Cast.,
1838:5.
MEXICO, AZ (1, 2), CA, NM (1), TX (1, 5).
- Psiloptera corynthia* (Fairm.), 1864:264. In *Pro-
sopis spp.*—bores in branches (2, 3); on *Cassia*
aphylla (3).
1. Blackwelder 1944b:310. 2. Bosq 1942:18.
3. Hayward 1958:7.
ARGENTINA (1, 2, 3).
- Psiloptera cupreopunctata* Schffr., 1905:147. On
Prosopis juliflora—chews bark at base of leaf
petioles, may nearly defoliate *Prosopis* trees;
Acacia farnesiana, *Brumelia celastrina* (2).
1. Leng 1920:179. 2. Vogt 1949:196.
TX (1), TX[STP] (2).
- Psiloptera desmaresti* Thoms., 1878:30. In *Pro-
sopis spp.*—bores in branches (3) and trunks (2).
1. Blackwelder 1944b:310. 2. Bosq 1942:18.
3. Hayward 1958:7.
ARGENTINA (1, 2, 3).
- Psiloptera estersonis* Obenberger, 1924:42. In
Prosopis spp.—bores in branches and trunks (2).
1. Blackwelder 1944b:310. 2. Bosq 1942:18.

ARGENTINA (1, 2).

Psiloptera plagiata (Gory), 1840:84. In *Prosopis* spp. - larvae bore in branches and trunks (2, 3).

1. Blackwelder 1944b:311. 2. Bosq 1942:18. 3. Hayward 1958:7.

SYN: *Lampetis plagiata* Gory; *Psiloptera cup-reofossa* Fairm., 1864:265.

ARGENTINA (1, 2, 3), CHILE (1).

Psiloptera tucumana (Guer. and Perch.), 1835:6. In *Prosopis* spp. - larvae bore in branches and trunks (2), adults cut tender buds (3); larvae damage *Condalia lineata* (3).

1. Blackwelder 1944b:311. 2. Bosq 1942:18. 3. Hayward 1958:144.

SYN: *Psiloptera lacordairei* L. & G., 1836:35.

ARGENTINA (1, 2, 3).

Cantharidae

Cantharis sp. On mesquite (2).

1. Leng 1920:143. 2. TTU.

MEXICO (2).

Chauliognathus marginatus (Fabr.), 1775:206. On mesquite (3).

1. Blackwelder 1945:372. 2. Leng 1920:143. 3. TTU.

SYN: *Cantharis marginatus* Fabr.; *C. ligatus* Say, 1825:266; *C. philadelphicus* Dej., 1837:117; *Chauliognathus hentzi* LeC., 1851:338.

BAHAMAS, MEXICO (1), FL, IN, NY (2), TX[STP] (3).

Chauliognathus scutellaris LeC., 1853:230. On *Prosopis glandulosa* (3, 4); flowers of *Chrysanthamnus* (5).

1. Blackwelder 1945:373. 2. Leng 1920:143. 3. Swenson 1969:34. 4. TTU. 5. UCR.

SYN: *Cantharis scutellaris* LeC.; *C. basalis* LeC., 1859:13; *C. lewisi* Crotch, 1874:78; *Chauliognathus basalis* (LeC.).

MEXICO (1), AZ, CO (2), TX[RP] (3, 4), UT (2).

Discodon sp. On mesquite (2).

1. Blackwelder 1945:364. 2. TTU. MEXICO (2).

Silis sp. On mesquite (2).

1. Blackwelder 1945:367. 2. TTU. MEXICO (2).

Carabidae

Anisotarsus sp. On mesquite (2).

1. Blackwelder 1944a:46. 2. TTU. MEXICO (2).

Bradycellus sp. On mesquite (2).

1. Blackwelder 1944a:50. 2. TTU. MEXICO (2).

Calleida decora (Fabr.), 1801:181. On mesquite (3).

1. Blackwelder 1944a:59. 2. Leng 1920:67. 3. TTU.

SYN: *Carabus decorus* Fabr.; *C. cordicollis* Putz., 1846:373; *C. cyanoptera* LeC., 1858:59; *C. coeruleipennis* Gemminger and Von Harold, 1868:115; *Calleida decora* (Fabr.).

BRITISH HONDURAS (1), MEXICO (1, 2, 3), GULF STATES, FL, IA (2).

Calosoma affine Chd., 1843:746. On *Prosopis glandulosa*, mesquite -- preys on insect larvae (3).

1. Blackwelder 1939:11. 2. Blackwelder 1944a:20. 3. Swenson 1969:33. 4. TTU.

SYN: *Calosoma affine triste* LeC., 1844:201; *C. affine ampilator* Bates, 1891:223; *C. affine tristoides* Fall, 1910:92; *C. azorica* Born, 1918:21.

MEXICO (2), TX[EP, RP] (3, 4).

Calosoma angulatum Chev., 1834:44. On mesquite (3).

1. Blackwelder 1944a:20. 2. Leng 1920:45. 3. TTU.

SYN: *Culosoma angulata angulicollis* Chd., 1869:377; *C. angulata uniformis* Géhin, 1885:63; *C. angulata* Chev.; *C. forreri* Géhin, 1885:64; *C. angulatum forreri* Géhin, 1885:64.

COLOMBIA (1), MEXICO (1, 2, 3), AZ, CA? (2).

Colliuris sp. On mesquite (2).

1. Blackwelder 1944a:65. 2. TTU.

MEXICO (2).

Evarthrus (Anaferonia) sp. On *Prosopis glandulosa*, *P. sp.* (2).

1. Leng 1920:56. 2. TTU.

TX[HP] (2).

Galerita mexicana Chd., 1872:139. On mesquite (3).

1. Blackwelder 1944a:69. 2. Leng 1920:65. 3. TTU.

SYN: *Galerita decipiens* Horn, 1885:131.

GUATEMALA (1), MEXICO (1, 2), AZ (2), TX[HP] (3).

Helluomorpha texana LeC., 1853:374. On mesquite (2).

1. Leng 1920:67. 2. TTU.

IN, TX (1), TX[EP, RP] (2).

Lebia spp. On mesquite (2).

1. Blackwelder 1944a:52. 2. TTU.

ARGENTINA, MEXICO (2).

Philophuga viridicollis (LeC.), 1848:188. On *Prosopis glandulosa*, *P. sp.* (3).

1. Blackwelder 1944a:62. 2. Leng 1920:67. 3.

TTU.

SYN: *Glycia viridicollis* LeC.; *G. subcordata* Chd., 1877:246.

MEXICO (1, 2), FL?, TX (2), TX[EP, RP] (3).

Cerambycidae

Achryson lutarium Burm., 1865:175. In *Prosopis*—larvae bore in limbs (2, 3).

1. Blackwelder 1946:559. 2. Bosq 1942:18. 3. Hayward 1958:7.

ARGENTINA (1, 2, 3).

Achryson surinamum (L.), 1767:632. On *Prosopis juliflora*, *Acacia*, *Aspidosperma*, *Brya*, *Celtis laevigata*, *Cercidium*, *Chlorophora tinctoria*, *Ficus*, *Inga edulis*, *Nectandra*, *Pithecellobium*, *Robinia pseudoacacia*, *Schnopsis*, *Tamurindus*, *Ulmus crassifolia* (2).

1. Blackwelder 1946:559. 2. Linsley 1962b:47.

SYN: *Cerambyx surinamus* L.; *C. longicollis* DeGeer, 1775:117; *Stenocorus circumflexus* F., 1787:144; *Stenocorus pallens* F., 1792:297; *Cerambix surinamensis* (L.); *C. circumflexus* (F.); *Achryson circumflexum* (F.); *A. surinamensis* (L.); *A. surinam* (L.); [See also Blackwelder 1946:559].

WIDESPREAD SOUTH AMERICA, CENTRAL AMERICA, MEXICO, WEST INDIES, SOUTHWEST and ATLANTIC UNITED STATES (1, 2).

Achryson undulatum Burm., 1865:175. In *Prosopis*—larvae bore in limbs (2, 3).

1. Blackwelder 1946:560. 2. Bosq 1942:18. 3. Hayward 1958:7.

ARGENTINA (1, 2, 3).

Achryson unicolor Bruch, 1908:203. In *Prosopis*—larvae bore in limbs (2, 3).

1. Blackwelder 1946:560. 2. Bosq 1942:18. 3. Hayward 1958:7.

ARGENTINA (1, 2, 3).

Ancylocera sp. On mesquite (2).

1. Leng 1920:278. 2. TTU.

TX[STP] (2).

Aneflus paracalvatus Knull, 1955:21. In *Prosopis*—larvae begin mining in smaller branches, hollowing the stems, with older larvae in larger branches and trunks, often excavating to the soil surface (1).

1. Linsley 1963:33.

SYN: *Aneflus prosopidis* Linsley, 1957:20.

AZ (1).

Aneflus protensus (LeC.), 1858:82. In *Prosopis juliflora* (4); on mesquite (5, 6).

1. Blackwelder 1939:57. 2. Blackwelder 1946:

564. 3. Leng 1920:269. 4. Linsley 1963:32. 5. E. G. Linsley, pers. comm. 6. F. G. Werner, pers. comm.

SYN: *Elaphidion protensus* LeC.; *Aneflus cochisensis* Csy., 1912:296.

MEXICO (1, 2, 6), AZ (1, 4, 6), CA, NM, TX (1, 4).

Aneflus rugicollis Linsley, 1935:74. On *Prosopis* (2).

1. Blackwelder 1946:564. 2. Linsley 1935:74. MEXICO (1, 2).

Aneflus sonoranus Csy., 1924:241. On mesquite (4).

1. Blackwelder 1939:57. 2. Leng and Mutchler 1927:40. 3. Linsley 1963:30. 4. TTU.

SYN: *Avestinus obscurus* Leng, 1885:pl. 2.

MEXICO (3), AZ (1, 2, 3), NM TX (1, 3), TX[RP] (4).

Archodontes melanopus serrulatus (LeC.), 1854:82. In *Prosopis chilensis*, mesquite—feeds on roots of cottonwood, mesquite, and poplar (2); *Prosopis* (3); *Populus* spp. (2).

1. Leng 1920:265. 2. Linsley 1962a:16. 3. E. G. Linsley, pers. comm.

SYN: *Malodon serrulatus* LeC.; *Aplagiognathus serrulatus* Thoms., 1867:91; *Paramalpus serrulatus* Csy., 1912:228.

AZ (1, 2), NM (2), TX (1, 2).

Callona rimoso (Buquet), 1840:142. In *Prosopis juliflora*—larvae mostly bore in the base of small to medium-sized trees in the sapwood generally less than 1 inch beneath the bark (2); *Prosopis* sp. (3); *Acacia farnesiana* (2).

1. Leng 1920:279. 2. Linsley 1962b:100. 3. E. G. Linsley, pers. comm.

SYN: *Stenaspis rimosus* Buquet; *S. splendens* LeC., 1854:441; *Crioprosopus rimosus* Bates, 1880:74; *C. splendens* Leng, 1886:62.

MEXICO (2), TX (1, 2).

Calocomus desmaresti (Guer.), 1844:42. In *Prosopis* spp.—larvae bore in branches and trunks (2); *P. algarobillo*, various leguminous plants—adults cut tender buds (3).

1. Blackwelder 1946:554. 2. Bosq 1942:18. 3. Hayward 1958:11.

SYN: *Calocomus bravardi* Burm., 1861:314.

ARGENTINA (1, 2, 3), BOLIVIA (1).

Calocomus morosus White, 1850:11. In *Prosopis* spp. (2, 3)—bore in branches and trunks in large numbers (2).

1. Blackwelder 1946:554. 2. Bosq 1942:18. 3. Hayward 1958:11.

SYN: *Calocomus rugosipennis* Lucas, 1859:

- 181; *C. coriaceus* Fairm., 1864:270; *C. coriaceus* Burm., 1865:160.
- ARGENTINA (1, 2, 3), BOLIVIA, BRAZIL, PERU (1).
- Compsa alacris* (Bates), 1885:264. On *Prosopis*, *Acacia farnesiana* (3).
1. Blackwelder 1946:570. 2. Leng 1920:270. 3. Linsley 1963:131.
- SYN: *Ibidion textile* var. *alacre* Bates; *Compsa textile* var. *alacre* (Bates); *Ibidion textile* Bates.
- CENTRAL AMERICA (2), GUATEMALA (1), MEXICO (1, 2) TX (2, 3).
- Coremia* sp. On *Prosopis ruscifolia* (2).
1. Blackwelder 1945:580. 2. TTFU.
- ARGENTINA (2).
- Cyllene crinicornis* Chev., 1860:460. In mesquite--larvae destroy wood (4).
1. Blackwelder 1946:580. 2. Leng 1920:276. 3. Leng and Mutchler 1927:42. 4. Craighead and Hofer 1921:6.
- SYN: *Cyllene reducta* Csy., 1912:351; *C. filicornis* Csy., 1912:352.
- GUATEMALA, HONDURAS, JAMAICA?, MEXICO, NICARAGUA, PANAMA (1), CA, FL (2), HI (1), LA (2), TX (2, 4).
- Cyllene spinifera* Newman, 1840:7. In *Prosopis* spp. (2, 3); *P. alba*—bore in branches and trunks, *P. nigra* (3).
1. Blackwelder 1946:581. 2. Bosq 1942:18. 3. Hayward 1958:8.
- SYN: *Clytus nebulosa* L. and G., 1835:11.
- ARGENTINA (1, 2, 3), CHILE (1).
- Dendrobias mandibularis* Serv., 1834:42. On *Prosopis* (4); mesquite (4, 5); *Acacia* (5); *Citrus*, *Parkinsonia*—larvae of the *mandibularis* subspecies feed in dry, dead branches of these plants (3).
1. Blackwelder 1946:591. 2. Leng 1920:280. 3. Linsley 1962b:183. 4. E. G. Linsley, pers. comm. 5. UCR.
- SYN: *Trachyderes mandibularis* Cast., 1840:416; *Dendrobias quadrimaculatus* LeC., 1861:335; *D. quadrimaculata* Dupont, 1838:22.
- BRITISH HONDURAS, GUATEMALA (1), MEXICO (1, 2, 3, 4), AZ (2, 5), CA, TX? (2).
- Derobrachus geminatus geminatus* LeC., 1853:233. On *Prosopis chilensis*, *Populus* spp., *Quercus* spp. (3).
1. Blackwelder 1946:556. 2. Leng 1920:266. 3. E. G. Linsley, pers. comm.
- SYN: *Braderochus gemintus* Lac., 1869:72.
- MEXICO (1), SOUTHWEST UNITED STATES (1, 2), AZ, TX (2).
- Euderces reichel exilis* Csy., 1893:591. On *Prosopis juliflora* (2, 3); *Acacia farnesiana*, *A. tortuosa*, *Condalia obovata*, *Sapindus drummondii*—larvae bore in twigs and branches (2).
1. Leng 1920:278. 2. Linsley 1964:182. 3. E. G. Linsley, pers. comm.
- SYN: *Euderces exilis* Csy.; *Apelocera exilis* Aurivillius, 1912:420.
- IL, IN, TX (1), TX[STP] (2).
- Euryscelis suturalis* Oliv., 1795:62. On *Prosopis juliflora* (3).
1. Blackwelder 1946:581. 2. Leng 1920:277. 3. Linsley 1964:163.
- SYN: *Callidium suturale* Oliv.; *Clytus suturalis* Schönherr, 1817:475; *Euryscelis dejeanii* Chev., 1862:530; *E. megalopus* Csy., 1924:271; *E. subtropica* Csy., 1924:271.
- BAHAMA ISLANDS (1, 3), GREATER ANTILLES (3), HISPANIOLA, PUERTO RICO (1), WEST INDIES (2), FL (2, 3).
- Eustomula validum* (LeC.), 1858:82. On *Prosopis juliflora* (4); *Prosopis* (5); *Cercidium floridum*, *Parkinsonia*—larvae feed in dead wood at base of tree and in roots (4).
1. Blackwelder 1939:56. 2. Blackwelder 1946:564. 3. Leng 1920:269. 4. Linsley 1963:76. 5. E. G. Linsley, pers. comm.
- SYN: *Elaphidion validum* LeC.; *Eustomula validum* Ckll., 1906:242; *Anoplium huachucae* Csy., 1924:245; *A. politum* Csy., 1924:246.
- MEXICO (1, 2, 3, 4), AZ (4), CA (1, 3, 4), NM (4), TX (1, 2, 3, 4).
- Gnaphalodes trachyderoides* Thoms., 1860:236. On *Prosopis juliflora* (2, 3); *Acacia farnesiana*, *Parkinsonia aculeata*, *Pithecellobium flexicaule*—adults attracted to freshly cut plants (2).
1. Leng 1920:268. 2. Linsley 1962b:97. 3. E. G. Linsley, pers. comm.
- CENTRAL AMERICA (2), MEXICO, TX (1, 2).
- Heterachthes nobilis* LeC., 1862:41. On *Prosopis juliflora*—reared from dry wood (2); *Prosopis* (3).
1. Leng 1920:270. 2. Linsley 1963:126. 3. E. G. Linsley, pers. comm.
- TX (1, 2).
- Ischiopachys micans* Lac., 1848:476. On *Prosopis*—adults consume leaves (2).
1. Blackwelder 1946:639. 2. Bosq 1942:18.
- ARGENTINA (1, 2).
- Lophopoeum timbouvae* Lameere, 1884:102. In *Prosopis* (2).
1. Blackwelder 1946:612. 2. Bosq 1942:18.
- ARGENTINA (2), BRAZIL (1).

Megacyllene antennatus (White), 1855:252. On *Prosopis juliflora* (4, 9); in mesquite (6, 7, 8)—attacks freshly killed trees (5, 8), exposure of infested branches to direct sunlight detrimental to larvae (6); *Acacia* sp. (4); [parasite: *Scleroderma macrogaster* (8)].

1. Blackwelder 1946:580. 2. Blackwelder and Blackwelder 1948:39. 3. Leng 1920:276. 4. Linsley 1964:79. 5. Essig 1934:456. 6. Craighead 1920:107. 7. Craighead and Hofer 1921:6. 8. Keen 1952:198. 9. E. G. Linsley, pers. comm.

SYN: *Clytus antennatus* White; *Arhopalus eurystethus* LeC., 1858:82; *Cyllene antennatus* Horn, 1880:135; *C. antennata* Bates, 1885:295; *Megacyllene antennata* Csy., 1912:348; *M. antennatus* St. George, 1929:17.

MEXICO (1, 4), AZ (2, 3, 4, 5, 6), CA (2, 3, 4, 5), NM, TX (2, 4).

Megacyllene caryae (Gahan), 1908:141. On *Prosopis juliflora*, *Carya* spp., *Celtis occidentalis*, *Fraxinus*, *Gelditsia triacanthos*, *Juglans* spp., *Maclura pomifera*, *Morus rubra*, *Ulmus*, *Vitis*—larvae feed in freshly cut wood, first feeding beneath the bark and then enter the sapwood and later the heartwood [parasite: *Pimpla irritator*] (3).

1. Blackwelder and Blackwelder 1948:39. 2. Leng 1920:277. 3. Linsley 1964:83.

SYN: *Cyllene caryae* Gahan; *C. pictus* Horn, 1880:134; *Clytus pictus* Fitch, 1845:250; *Arhopalus pictus* Horn, 1863:30 (not Drury, 1773).

CANADA, MEXICO, EASTERN UNITED STATES (1, 2, 3), IN (2), MA, MD (1) to TX (1, 2, 3).

Megacyllene robiniae (Forster), 1771:43. On mesquite (3); *Robinia pseudacacia*—larvae bore under bark of living black locust and can kill trees [parasites: *Habrolepoidea depressa*, *Pimpla irritator*] (2).

1. Leng 1920:277. 2. Linsley 1964:81. 3. TTU.

SYN: *Leptura robiniae* Forster; *L. picta* Drury, 1773:91; *Callidium flexuosum* Fabr., 1775:191; *C. angulatum* Fabr., 1775:192; *Clytus flexuosus* Fabr., 1801:345; *C. robiniae* Peck, 1818:67; *C. pictus* Harris, 1841:85; *Arhopalus robiniae* LeC., 1850:17; *A. pictus* LeC., 1850:177; *Cyllene robiniae* Horn, 1880:134; *Megacyllene robiniae* Knull, 1946:212.

EASTERN CANADA, WIDESPREAD UNITED STATES (1, 2), TX[RP] (3).

Metaleptus batesi Horn, 1885:174. Probably on *Prosopis*; on *Acacia* spp., *Quercus* spp.—mine beneath the bark and in the sapwood of dead, dry branches (2).

1. Leng 1920:279. 2. Linsley 1962b:121. MEXICO (2), AZ (1, 2), CA (2).

Methia arizonica Schffr., 1908:352. On *Prosopis* (2, 3).

1. Leng 1920:268. 2. Linsley 1962b:30. 3. E. G. Linsley, pers. comm. AZ (1, 2, 3).

Neoclytus caprea (Say), 1823:424. In *Prosopis* (3, 4); *Carya*, *Fraxinus* spp., *Quercus* spp., *Ulmus*—oviposits in crevices of bark of dead ash, larvae bore in sapwood [parasites: *Taphaeus neoclyti*, *Xorides neoclyti*] (3).

1. Blackwelder 1946:581. 2. Leng 1920:277. 3. Linsley 1964:160. 4. E. G. Linsley, pers. comm.

SYN: *Clytus caprea* Say; *C. gibbicollis* Cast. and Gory, 1835:24; *C. elevatus* Cast. and Gory, 1835:32; *C. capreae* Cast. and Gory, 1835:116; *C. capreae* Fitch, 1845:250; *Neoclytus capreae* Leng, 1887:5; *N. caprea* Aurivillius, 1912:390; *N. capra* Blair, 1948:124.

MEXICO (1, 2), EASTERN NORTH AMERICA to AZ, TX, UT (1, 2, 3).

Oncideres sp. in *Prosopis caldenia*—larvae from branches (2).

1. Blackwelder 1946:604. 2. TTU. ARGENTINA (2).

Oncideres spp. In *Prosopis glandulosa*—larvae from branches (2).

1. Leng 1920:284. 2. TTU. MEXICO, AZ, TX[HP, RP] (2).

Oncideres cingulata (Say), 1826:272. On *Prosopis glandulosa* (5); mesquite, on various fruit trees (3, 4); and ornamental trees (4).

1. Blackwelder and Blackwelder 1948:41. 2. Leng 1920:284. 3. Beutenmuller 1896:77. 4. Craighead 1949:257. 5. TTU.

SYN: *Saperda cingulata* Say; *Oncideres texana* Horn, 1885:195; *O. texana* Herrick, 1902:15; *O. subtropicus* Csy., 1913:353; *O. pallescens* Csy., 1913:353; *O. praecidens* Csy., 1913:354.

MEXICO, CA, CT, FL, NC, NY, PA, TX (1, 2), TX[HP, RP] (4).

Oncideres germari Thoms., 1868:79. On *Prosopis* spp. (2, 3)—girdles branches (3); *Acacia aroma*, *A. caven*, *Piptadenia macrocarpa* (3).

1. Blackwelder 1946:604. 2. Bosq 1942:18. 3. Hayward 1958:10.

ARGENTINA (1, 2, 3), BRAZIL (1).

Oncideres guttulata Thoms., 1868:84. On *Prosopis* (2); *Acacia aroma*, *A. caven*, *A. dealbata*, *Piptadenia macrocarpa* (3).

1. Blackwelder 1946:604. 2. Bosq 1942:18. 3. Hayward 1958:10.

ARGENTINA (1, 2, 3), URUGUAY (1).

Oncideres pustulata LeC., 1854:82. On *Prosopis* (6); girdles mesquite (4, 5); in *Acacia* and huisache (4).

1. Blackwelder and Blackwelder 1948:41. 2. Leng 1920:284. 3. Leng and Mutchler 1927:43. 4. Craighead 1949:257. 5. Essig 1934:460. 6. E. G. Linsley, pers. comm.

SYN: *Oncideres putator* High 1915:9 (Not Thomas); *O. trinodatus* Essig 1926:460 (Not Csy.).

IL, TX? (1), TX[STP] (2).

Oncideres rhodosticta Bates, 1885:365. In *Prosopis glandulosa* (4, 6); on *P.* sp. (3); mesquite (6, 7)—adults girdle live branches (3, 7); *Acacia berlandieri*, *A. farnesiana*, *Mimosa lindheimeri* (4); *Parkinsonia aculeata*, huajilla (3); [detailed biology including parasites by High 1915, Ueckert et al. 1971, Polk 1971].

1. Blackwelder 1946:604. 2. Blackwelder and Blackwelder 1948:41. 3. Essig 1934:460. 4. High 1915:5. 5. E. G. Linsley, pers. comm. 6. F. G. Werner, pers. comm. 7. TTU.

SYN: *Oncideres putator* Horn, 1885:195; *O. cingulatus* Hamilt., 1896:141 (Not Say); *O. trinodatus* Csy., 1913:352; *O. pustulatus* Essig, 1926:460.

MEXICO (1, 2, 6), AZ (2, 6), TX (2), TX[EP, HP, RP, TP] (7).

Peranoplum piceum Chemsak, 1962:111. On *Prosopis* (1).

1. Linsley 1963:116.

AZ (1).

Placosternus difficilis (Chev.), 1862:263. On *Prosopis juliflora*, *Acacia* spp., *Pithecellobium flexicaule*, *Platanus* (5).

1. Blackwelder and Blackwelder 1948:39. 2. Leng 1920:276. 3. Leng and Mutchler 1927:42. 4. Blackwelder 1946:580. 5. Linsley 1964:93.

SYN: *Cyllene difficilis* Chev.; *C. crinicornis* Horn, 1880:134; *C. reducta* Csy., 1912:351; *C. filicornis* Csy., 1912:352; *Placosternus difficilis*

Hopping, 1937:448.

WEST INDIES (1, 5), MEXICO, AZ (5), CA (1, 5), FL, LA (2), NM (5), TX (1, 5).

Placosternus erythropus (Chev.), 1835:70. In *Prosopis juliflora* (4); *P.* sp., mesquite—also feeds in certain allied legumes (3).

1. Blackwelder 1946:581. 2. Blackwelder and Blackwelder 1948:39. 3. Linsley 1964:94. 4. E. G. Linsley, pers. comm.

SYN: *Clytus erythropus* Chev.; *C. mexicanus* Cast. and Gory, 1835:6; *C. variegatus* Cast. and Gory, 1835:6; *Cyllene mexicanus* Chev., 1860:461; *C. erythropus* var. *variegatus* Chev., 1860:8; *C. erythropus* Bates, 1880:47; *C. mexicana* Bates, 1880:294; *Placosternus erythropus* Hopping, 1937:47.

CUBA (2), GUATEMALA (1, 3), MEXICO (1, 3), CA (2), TX (3).

Plionoma basalis (Horn), 1894:401. On *Prosopis* (4).

1. Blackwelder 1946:589. 2. Blackwelder and Blackwelder 1948:40. 3. Leng 1920:280. 4. E. G. Linsley, pers. comm.

SYN: *Sphaenothecus basalis* Horn.

MEXICO (1, 2, 3).

Plionoma rubens (Csy.), 1891:34. On *Prosopis juliflora* (3, 4); *Acacia greggii* (3, 5); *Cercidium microphyllum* (3); *C. torreyanum*, *Encelia farinosa*, palo verde (5).

1. Blackwelder and Blackwelder 1948:40. 2. Leng 1920:280. 3. Linsley 1962b:137. 4. E. G. Linsley, pers. comm. 5. UCR.

SYN: *Sphaenothecus rubens* Csy.; *S. suturalis* var. *rubens* Hamilton, 1896:171.

MEXICO (1, 3), AZ (1, 2, 3), CA, NM, TX (1, 3).

Plionoma suturalis (LeC.), 1858:25. On *Prosopis juliflora* (2); *P. chilensis* (4); mesquite (3, 4); *Bumelia celastrina* flowers (2).

1. Leng 1920:280. 2. Linsley 1962b:137. 3. TAMU. 4. UCR.

SYN: *Sphaenothecus suturalis* LeC., *Sphaenothecus suturalis* Leng, 1886:119; *Plionoma suturalis* Csy., 1912:333; *P. degener* Csy., 1912:334.

MEXICO (2), CA (1?, 2), TX (1, 2), TX[STP] (3).

Prionis sp. On *Prosopis* (3).

1. Leng 1920:266. 2. Linsley 1962a:37. 3. TTU. NM (3).

Rhopalophora laevicollis (LeC.), 1873:193. On *Prosopis juliflora* (3); *P.* sp. (4); *Celtis* (5); *Pithecellobium flexicaule*, *Condalia obovata*—adults on various flowering shrubs (3).

1. Blackwelder 1946:584. 2. Leng 1920:278. 3. Linsley 1964:190. 4. E. G. Linsley, pers. comm. 5. TAMU.
 SYN: *Rhopalophorus laevicollis* LeC.; *Rhopalophora laevicollis* Bates, 1880:62.
 MEXICO (1, 3), NM (2, 4), TX (1, 2, 3).
- Schizax senex* LeC., 1873:196. On *Prosopis juliflora* (2, 3); mesquite—reared from apricot, serious pest of mesquite (3); *Celtis reticulata*, *Cercidium floridum*, *C. microphyllum*, *Larrea divaricata*, *Thurberia* sp., *Ziziphus* sp.—mine beneath the bark of dead branches [predator: *Chariessa elegans*] (2).
 1. Leng 1920:27. 2. Linsley 1962b:135. 3. Essig 1934:458. 4. E. G. Linsley, pers. comm.
 AZ (1, 2), CA (2).
- Sphaenothecus bivittatus* (Dup.), 1838:58. On *Prosopis*, *Hymenoxys* (3).
 1. Blackwelder 1946:589. 2. Leng 1920:280. 3. UCR.
 SYN: *Taranomis bivittatus* Dup.; *T. bilineatus* Gory, 1839:44.
 MEXICO (1, 2, 3), AZ, CA, TX (2).
- Stenaspis solitaria* (Say), 1823:410. In *Prosopis* (4); *Acacia berlandieri*—larvae in small live branches (3); *Acacia* (5).
 1. Blackwelder 1946:589. 2. Leng 1920:279. 3. Linsley 1962b:99. 4. E. G. Linsley, pers. comm. 5. UCR.
 SYN: *Cerambyx solitaria* Say; *Stenaspis unicolor* Dup., 1840:11; *Callichroma solitarium* Halderman, 1847:32; *Smileveras solitarium* LeC., 1850:9; *Stenaspis solitaria* LeC., 1853:441; *S. lugubris* Csy., 1912:318.
 MEXICO (1, 2, 3), AZ, CA (2, 3), KS (2), NM, TX (2, 3).
- Stenelaphus alienus* (LeC.), 1875:173. On *Prosopis* (2, 3).
 1. Blackwelder 1939:57. 2. Linsley 1963:25. 3. E. G. Linsley, pers. comm.
 SYN: *Elaphidium alienum* LeC.; *Stenelaphus alienus* Linsley, 1935:477.
 MEXICO (2), AZ (1, 2).
- Stenodontes lobigenis* (Bates), 1884:235. On *Prosopis chilensis* (4); *Prosopis* (5); *Baccharis sergiioides*, *Cercidium torreyanum*, *Elaphrium* sp., *Ficus* sp., *Schinus molle*—larvae are primarily root feeders, attacks many shade and ornamental trees (4).
 1. Blackwelder 1946:552. 2. Blackwelder and Blackwelder 1948:37. 3. Leng 1920:265. 4. Linsley 1962a:23. 5. E. G. Linsley, pers. comm.
 SYN: *Nothopleurus lobigenis* Bates; *Mallodon gnatho* LeC., 1858:81 (not White); *M. mandibulare* Gemm., 1872:254 (not Fabr.); *M. castaneum* Csy., 1924:225; *Nothopleurus mandibularis* Bates, 1884:234; *Mallodon dentiger* Leng, 1884:9.
 MEXICO (1, 2, 3, 4), AZ (2, 4), CA (2, 3, 4), NM (2, 4), TX (2, 3, 4).
- Stenosphenus basicornis* Linsley, 1934:60. On *Prosopis* (2).
 1. Blackwelder 1939:59. 2. E. G. Linsley, pers. comm.
 MEXICO (1).
- Stenosphenus dolosus* Horn, 1885:179. On *Prosopis juliflora* (2); *P.* sp. (3); *Acacia* sp. (2).
 1. Leng 1920:278. 2. Linsley 1963:19. 3. E. G. Linsley, pers. comm.
 TX (1, 2).
- Sternidius wiltoni* (Horn), 1880:124. On mesquite (2).
 1. Leng 1920:282. 2. TTU.
 SYN: *Leiopus wiltoni* Horn.
 TX[SFP] (2).
- Taranomis bivittata* (Dup.), 1838:58. On *Prosopis glandulosa* (5); *P.* sp.? (4); mesquite (5).
 1. Blackwelder 1946:589. 2. Blackwelder and Blackwelder 1948:40. 3. Leng 1920:280. 4. Linsley 1962b:95. 5. TTU.
 SYN: *Sphaenothecus bivittatus* Dup.; *S. bilineata* Gory, 1839:45; *Taranomis bivittata* Csy., 1912:333.
 MEXICO (1, 2, 3, 4), AZ, CA (2, 3, 4), NM (2), TX (2, 3, 4), TX[HP, RP] (5).
- Tetranodus mexicanus* Linsley, 1935:90. On *Prosopis* (2).
 1. Blackwelder 1946:582. 2. E. G. Linsley, pers. comm.
 MEXICO (1).
- Tragidion annulatum* LeC., 1858:83. On *Prosopis* (4); *Baccharis sergiioides*—adults on *Gutierrezia* flowers, *Verbascum*, basket grass—larvae mine dead branches (3).
 1. Blackwelder 1946:589. 2. Leng 1920:279. 3. Linsley 1962b:116. 4. E. G. Linsley, pers. comm.
 MEXICO (1, 2, 3), AZ (2, 3), CA (2), NM, TX (2, 3).
- Tragidion auripennae* Csy., 1893:586. In mesquite (2).
 1. Leng 1920:279. 2. Linsley 1962b:115.
 SYN: *Tragidion fluviipenne* Csy., 1893:586 (not Say); *T. hirsuticollis* Csy., 1912:321; *T. densiventra* Csy., 1912:322; *T. parowanum* Csy., 1924:263.

AZ, NM (2), UT (1, 2).

Tragidion coquus (L.), 1758:393. On mesquite (3); *Quercus* spp.—larvae mine dead branches (2).

1. Leng 1920:279. 2. Linsley 1962b:113. 3. TTU.

SYN: *Cerambyx coquus* L.; *Callidium lynceum* Fabr., 1775:191; *Cerambyx lynceus* Oliver, 1795:97; *Lamia coquus* Fabr., 1801:300; *Callidium fulvipenne* Say, 1823:414; *Cerambyx melsheimeri* Germar, 1824:502; *Tragidion coquus* Serv., 1834:90; *T. fulvipenne* LeC., 1850:10; *T. f. nubifer* Csy., 1912:323; *T. f. levipes* Csy., 1912:323; *T. coquus filicorne* Csy., 1912:323; *T. apicatum* Csy., 1912:323.

ATLANTIC and SOUTHERN STATES (1, 2), AZ (2), FL, IN, NY, TX (1, 2), TX[HP, RP] (3), UT (2).

Tragidion peninsulare peninsulare Schffr., 1908:339. On *Prosopis juliflora* (2).

1. Blackwelder 1946:589. 2. Linsley 1962b:118.

SYN: *T. annulatum* var. *peninsulare* Schffr.; *Tragidion peninsulare peninsulare* Linsley, 1940:135.

MEXICO (2), CA (1, 2).

Chrysomelidae

Altica sp. On *Prosopis glandulosa*, *P. laevigata*, *P.* sp., mesquite (2).

1. Blackwelder 1946:699. 2. TTU.
MEXICO (2).

Amphelasma sp. On mesquite (2).

1. Blackwelder and Blackwelder 1948:43. 2. TTU.
MEXICO (2).

Anomoea mutabilis Lac., 1848:137. On *Prosopis glandulosa* (4, 5); mesquite (4).

1. Blackwelder 1939:61. 2. Blackwelder 1946:636. 3. Leng 1920:288. 4. Swenson 1969:41. 5. TTU.

SYN: *Antipus mutabilis* Lac.; *A. ephippium* Germ., 1823:548; *A. laticlava* Fors., 1871:27 (given by Leng 1920 and Blackwelder 1946 as current name); *A. obsita* Fabr., 1875:106; *A. nigripes* Fabr., 1876:221; *A. ruficaudata* Foersb., 1921:261.

COLOMBIA, GUATEMALA (2, 3), MEXICO (1, 2, 3), CT to FL, IN (3), TX (1), TX[RP] (4, 5).

Anomoea rufifrons Lac., 1848:135. On mesquite (2).

1. Blackwelder 1946:636. 2. TTU.

SYN: *Antipus rufifrons* (Lac.).

MEXICO (1, 2), TX[RP, STP] (2).

Aphthona sp. On mesquite (2).

1. Blackwelder 1946:693. 2. TTU.
MEXICO (2).

Aulacoscelis sp. On mesquite (2).

1. Blackwelder 1946:627. 2. TTU.
MEXICO (2).

Babia spp. On mesquite (2).

1. Blackwelder 1946:638. 2. TTU.
MEXICO (2).

Calligrapha sp. On mesquite (2).

1. Blackwelder 1946:674. 2. TTU.
MEXICO (2).

Calligrapha multiguttata Stål, 1859:326. On mesquite (3).

1. Blackwelder 1946:674. 2. Leng 1920:295. 3. TTU.

GUATEMALA (1), MEXICO (1, 2, 3), KS (2).

Calligrapha serpentina Rogers, 1854:32. On mesquite (3).

1. Blackwelder 1946:674. 2. Leng 1920:295. 3. TTU.

SYN: *Calligrapha mexicana* Stål, 1859:323.

MEXICO (1, 2, 3), NICARAGUA, VENEZUELA (1), AZ, NM (2).

Chaetocnema sp. On mesquite (2).

1. Blackwelder 1946:705. 2. TTU.
MEXICO (2).

Chalepus sp. On mesquite (2).

1. Blackwelder 1946:726. 2. TTU.
MEXICO (2).

Chlamisus sp. On *Prosopis laevigata*, mesquite (2).

1. Blackwelder 1946:647. 2. TTU.
MEXICO, TX[GP] (2).

Chrysodina spp. On *Prosopis glandulosa* (2); mesquite (3).

1. Leng 1920:292. 2. Swenson 1969:41. 3. TTU.
TX[RP] (2, 3).

Chrysodina semiaurata Lefev., 1875:103. On *Prosopis* (2).

1. Blackwelder 1946:653. 2. TTU.
ARGENTINA (2), BRAZIL (1).

Colaspis sp. On mesquite (2).

1. Blackwelder 1946:657. 2. TTU.
MEXICO (2).

Colaspis lebasi Lefev., 1878:121. On *Prosopis* sp., *Pithecellobium dulce*, *Vachellia farnesiana* (2).

1. Blackwelder 1946:658. 2. Moldenke 1971:111.

SYN: *Colaspis lebasi* Leng and Mutchler, 1914:453.

ARGENTINA, BRITISH HONDURAS, CO-

- LOMBIA, COSTA RICA, GUATEMALA (1), MEXICO (1, 2), NICARAGUA, PANAMA, WEST INDIES (1).
- Colaspoides* sp. On *Prosopis glandulosa*, mesquite (2).
1. Blackwelder 1946:666. 2. TTU. MEXICO (2).
- Colaspoides macrocephala* Schffr., 1906:236. On *Prosopis glandulosa* (3); mesquite (2, 3)—defoliated large areas in Texas (2).
1. Leng 1920:294. 2. C. E. Rogers, pers. comm. 3. TTU.
TX (1), TX[HP] (3), RP, STP (2)].
- Colaspoides opacicollis* Horn, 1892:229. On *Prosopis glandulosa*, mesquite (2).
1. Leng 1920:294. 2. TTU.
TX (1), TX[HP] (2).
- Colaspoides viridimicans* Horn, 1892:229. On mesquite (2).
1. Leng 1920:294. 2. TTU.
AZ (1), NM (1, 2), TX[HP] (2).
- Coscinoptera* sp. On mesquite (2).
1. Leng 1920:288. 2. TTU.
TX[HP] (2).
- Coscinoptera acneipennis* LeC., 1858:26. On *Prosopis glandulosa* (3, 4); *P.* sp. (5); mesquite (4); *Eriogonum fasciculatum*, *E. gracile*, *Gutierrezia sarothrae*, *Lotus scoparius* (5).
1. Blackwelder 1946:637. 2. Leng 1920:288. 3. Swenson 1969:41. 4. TTU. 5. UCR.
MEXICO (1, 2), AZ, CA, TX (2), TX[RP] (3), STP (4)].
- Coscinoptera aenescens* Cr., 1873:29, or near. On mesquite (2).
1. Leng 1920:288. 2. TTU.
MEXICO (2), GA (1).
- Coscinoptera axillaris* LeC., 1868:56. On *Prosopis glandulosa* blooms (2).
1. Leng 1920:288. 2. TTU.
CO, NM, OK, TX (1), TX[EP, TP] (2).
- Cryptocephalus* sp. On *Prosopis alba*, *P. caldenia* (2).
1. Blackwelder 1946:644. 2. TTU.
ARGENTINA (2).
- Cryptocephalus cribripennis* LeC., 1880:200. On *Prosopis* (2).
1. Leng 1920:291. 2. TTU.
MEXICO (2), TX (1).
- Cryptocephalus fulguratus* LeC., 1880:203. On mesquite (2).
1. Leng 1920:291. 2. TTU.
TX (1), TX[EP, STP] (2).
- Cryptocephalus maculipennis* Suffr., 1852:30. On mesquite (2).
1. Blackwelder 1946:646. 2. TTU.
MEXICO (1, 2).
- Cryptocephalus texanus* Schffr., 1933:323. On *Prosopis glandulosa*, mesquite (2).
1. Blackwelder 1939:61. 2. TTU.
NM (2), TX (1), TX[RP] (2).
- Diabrotica* sp. On mesquite (2).
1. Blackwelder 1946:679. 2. TTU.
MEXICO (2).
- Diabrotica balteata* LeC., 1865:213. On mesquite (3); alfalfa, *Baccharis emoryi*, *Solanum douglasii* (4).
1. Blackwelder 1946:679. 2. Leng 1920:297. 3. TTU. 4. UCR.
SYN: *Diabrotica sallei* Baly, 1886:227.
CENTRAL and SOUTH AMERICA (1, 2), MEXICO (1, 2, 3), AZ (2), CA (4), TX (2), TX[STP] (3, 4).
- Diabrotica porracea* Harold, 1875:93. On mesquite (2).
1. Blackwelder 1946:684. 2. TTU.
SYN: *Diabrotica costatipennis* Jac., 1878:996.
BRITISH HONDURAS, COSTA RICA, GUATEMALA (1), MEXICO (1, 2), NICARAGUA, PANAMA (1).
- Diabrotica tricineta* (Say), 1824:457. On *Prosopis glandulosa* blooms (3).
1. Blackwelder 1946:686. 2. Leng 1920:297. 3. TTU.
SYN: *Galeruca tricineta* Say; *Diabrotica suffriani* Jac., 1887:551.
MEXICO (1, 2, 3), AZ, CO (2), TX[RP] (3).
- Diabrotica undecimpunctata* Mannh., 1843:310. On *Prosopis*, mesquite, corn, sorghum, and other cultivated plants (2).
1. Blackwelder and Blackwelder 1948:43. 2. TTU.
SYN: *Diabrotica undecimpunctata tenella* LeC., 1858:88; *D. undecimpunctata howardi* Barber, 1947:153.
MEXICO (1, 2), EASTERN and SOUTHERN UNITED STATES, PACIFIC COAST, AZ (1), TX[STP] (2).
- Diachus auratus* (Fabr.), 1801:57. On *Prosopis* (3); *Conothus integerrimus*, *Ericameria ericoides*, *Eriogonum fasciculatum*, *E. paniculatum*, *Helianthus annuus*, *Heterotheca* sp. (4).
1. Blackwelder 1946:647. 2. Leng 1920:291. 3. TTU. 4. UCR.
SYN: *Cryptocephalus auratus* Fabr.; *C. aeneus* Ol., 1808:916; *C. chalconotus* Mannerh., 1843:312; *C. viridis* Melsh., 1847:174.

- CENTRAL and SOUTH AMERICA, MEXICO (1, 2), AZ, CA (2, 4) to CT, FL and IN, TX (2), TX[RP, STP] (3).
- Disonychia* spp. On *Prosopis juliflora*, mesquite (2).
1. Blackwelder 1946:697. 2. TTU. MEXICO (2).
- Epitrix* sp. On mesquite (2).
1. Blackwelder 1946:703. 2. TTU. MEXICO (2).
- Euphrytus* sp. On mesquite (2).
1. Blackwelder 1946:656. 2. TTU. MEXICO (2).
- Euphrytus pallipes* Jac., 1890:207. On mesquite (2).
1. Blackwelder 1946:656. 2. TTU. MEXICO (1, 2).
- Euryscopa* spp. On *Prosopis laevigata*, mesquite (3).
1. Blackwelder 1946:637. 2. Leng 1920:288. 3. TTU. MEXICO, AZ, TX[TP] (3).
- Euryscopa lecontei* Cr., 1873:28. On *Prosopis glandulosa* (3).
1. Blackwelder 1946:637. 2. Leng 1920:288. 3. Swenson 1969:60.
SYN: *Euryscopa scapularis* LeC., 1858:41; *E. longicollis* Jac., 1888:78; *E. parvula* Jac., 1888:79.
MEXICO (1, 2), AZ, TX (2), TX[RP] (3).
- Euryscopa pilatei* Lac., 1848:504. On mesquite (3).
1. Blackwelder 1946:637. 2. Leng 1920:288. 3. TTU.
GUATEMALA (1), MEXICO (1, 2, 3), TX (2).
- Euryscopa vittata* LeC., 1858:26. On mesquite (2).
1. Leng 1920:288. 2. TTU.
AZ (1, 2), TX (1), TX[HP] (2).
- Exema dispar* Lac., 1848:850. On mesquite (3).
1. Blackwelder and Blackwelder 1948:42. 2. Leng 1920:288. 3. TTU.
SYN: *Exema dispar canadensis* Pierce, 1940:10.
CANADA (1), MEXICO (1, 3), AZ (1, 2).
- Exora vittipenne* (Horn), 1893:123. On mesquite (3).
1. Leng 1920:298. 2. Leng and Mutchler 1927:45. 3. TTU.
SYN: *Malacosoma vittipenne* Horn; *Exosoma vittipenne* (Horn).
NM (3), TX (1, 2).
- Glyptina* sp. near *atriventris* Horn. On *Prosopis glandulosa* (2).
1. Leng 1920:302. 2. TTU. TX[HP] (2).
- Glyptina* sp. near *spuria* LeC. On mesquite (2).
1. Leng 1920:302. 2. TTU. NM (2).
- Glyptoscelis cryptica* (Say), 1823:449. On mesquite (4).
1. Blackwelder 1939:62. 2. Blackwelder 1946:664. 3. Leng 1920:293. 4. TTU.
SYN: *Eumolpus cryptica* Say; *Glyptoscelis albicans* Baly, 1865:334.
MEXICO (1, 2, 3), DAK, KS, MO (1, 2), OK, TX (1), TX[STP] (4).
- Glyptoscelis gigas* Jac., 1897:262. On *Prosopis* (2).
1. Blackwelder 1946:664. 2. TTU. ARGENTINA (2), BRAZIL (1).
- Glyptoscelis prosopis* Schffr., 1905:169. On *Prosopis* sp. (3).
1. Blackwelder 1939:71. 2. Leng 1920:293. 3. Moldenke 1971:112.
MEXICO (3), TX (1, 2).
- Griburius albilabris* (Suffr.), 1852:111. On mesquite (2).
1. Blackwelder 1946:639. 2. TTU.
SYN: *Scolochrus albilabris* Suffr.; *S. albilabris* var. *suturalis* Suffr., 1852:113; *S. a.* var. *zonatus* Suffr., 1852:113; *S. a.* var. *biverrucatus* Suffr., 1852:115.
GUATEMALA, HONDURAS (1), MEXICO (1, 2), NICARAGUA (1).
- Griburius cazicus* (Suffr.), 1852:119. On mesquite (2).
1. Blackwelder 1946:639. 2. TTU.
SYN: *Scolochrus cazicus* Suffr.
COLOMBIA (1), MEXICO (1, 2).
- Griburius lecontei* Cr., 1873:32. On mesquite (2).
1. Leng 1920:289. 2. TTU. TX (1), TX[RP] (2).
- Griburius montezuma* (Suffr.), 1852:116. On *Prosopis* (3).
1. Blackwelder 1946:640. 2. Leng 1920:289. 3. TTU.
SYN: *Scolochrus montezuma* Suffr.; *Griburius speciosus* LeC., 1867:56; *G. montezuma* var. *suffriani* Jac., 1880:60.
MEXICO (1, 2, 3), AZ, TX (2).
- Longitarsus* sp. On *Prosopis laevigata* (2).
1. Blackwelder 1946:694. 2. TTU. MEXICO (2).
- Meacolaspis* sp. near *concoloripes* Bechyne. On *Prosopis caldenia*, *P. nigra* (1).

1. TTU.
ARGENTINA (1).
Megalostomis dimidiata Lac., 1848:526. On mesquite (2).
1. Blackwelder 1946:636. 2. TTU.
SYN: *Megalostomis dimidiata* var. *apicalis* Achard, 1926:154; *M. d.* var. *picturata* Achard, 1926:154.
GUATEMALA (1), MEXICO (1, 2), NICARAGUA (1).
Megalostomis gazella Lac., 1848:552. On *Prosopis*, *Acacia* (2).
1. Blackwelder 1946:636. 2. Hayward 1958:14.
SYN: *Megalostomis gazella clavapex* Achard, 1926:152; *M. g. nigrapex* Achard, 1926:152; *M. g. nigrescens* Achard, 1926:152.
ARGENTINA (1, 2), BOLIVIA, BRAZIL, CHILE, FRENCH GUIANA, PARAGUAY (1).
Megalostomis tomentosa Jac., 1880:30. On *Prosopis*, mesquite (2).
1. Blackwelder 1946:637. 2. TTU.
SYN: *Megalostomis tomentosa* var. *apicata* Achard, 1926:154.
GUATEMALA (1), MEXICO (1, 2), PANAMA (1).
Metriona emarginata (Boh.), 1855:298. On mesquite (3).
1. Blackwelder 1946:751. 2. Leng 1920:304.
3. TTU.
SYN: *Coptocycla emarginata* Boh.; *C. arizonae* Cr., 1873:78; *C. fimbriicollis* Champ., 1894:213.
COSTA RICA, GUATEMALA (1), MEXICO (1, 2, 3), AZ (2, 3).
Monoxia sp. On mesquite (2).
1. Blackwelder 1946:693. 2. TTU.
MEXICO (2).
Monoxia sp. near *sordida* (LeC.). On mesquite (2).
1. Blackwelder 1946:693. 2. TTU.
MEXICO (2).
Nodonota sp. On *Prosopis glandulosa* (3); mesquite (4).
1. Blackwelder 1946:654. 2. Leng 1920:292.
3. Swenson 1969:60. 4. TTU.
MEXICO (4), TX[EP] (4), RP (3)].
Oedionychus sp. On mesquite (2).
1. Blackwelder 1946:708. 2. TTU.
MEXICO (2).
Pachybrachys sp. On *Prosopis glandulosa*, *P. laevigata* (3).
1. Blackwelder 1946:641. 2. Leng 1920:289.
3. TTU.
MEXICO, NM, TX[HP] (3).
Pachybrachys sp. near *signifer* Stål. On *Prosopis caldenia* (2).
1. Blackwelder 1946:642. 2. TTU.
ARGENTINA (2).
Pachybrachys alticola Fall, 1915:442. On mesquite (2).
1. Leng 1920:290. 2. TTU.
AZ (2), CO, NM (1).
Pachybrachys calidus Fall, 1915:379. On *Prosopis glandulosa*, *P. laevigata*, mesquite (2).
1. Leng 1920:289. 2. TTU.
MEXICO (2), AZ, TX (1, 2), TX[RP] (2).
Pachybrachys laevis Bowd., 1909:316, or near. On *Prosopis glandulosa*, *P. laevigata* (2).
1. Leng 1920:290. 2. TTU.
MEXICO (2), CO, NM, TX (1), TX[STP] (2).
Pachybrachys longus Bowd., 1909:313. On mesquite (2).
1. Leng 1920:289. 2. UAT.
AZ (1, 2).
Pachybrachys prosopis Fall, 1915:381. On mesquite (2).
1. Leng 1920:289. 2. Essig 1934:465.
AZ, CA (1, 2).
Phaedon semimarginatum Latr., 1811:233. On *Prosopis caldenia* (2).
1. Blackwelder 1946:677. 2. TTU.
ARGENTINA (2), BRAZIL, PERU (1).
Phrynocephala pulchella Baly, 1861:201. On *Prosopis* (2).
1. Blackwelder 1946:699. 2. Moldenke 1971:113.
SYN: *Phrynocephala forticornis* Dejean, 1836:413.
GUATEMALA (1), MEXICO (1, 2).
Promecosoma lugens Lelev., 1877:135. On *Prosopis* (2).
1. Blackwelder 1946:657. 2. Moldenke 1971:112.
MEXICO (1, 2).
Promecosoma viridis Jac., 1881:135. On mesquite (2).
1. Blackwelder 1946:657. 2. TTU.
MEXICO (1, 2).
Psylliodes virisimilis Fall, 1933:232, or near. On mesquite (2).
1. Blackwelder 1939:64. 2. TTU.
NM (1), TX[HP] (2).
Pyrracita sp. On mesquite (2).
1. Blackwelder 1946:599. 2. TTU.
MEXICO (2).
Rhabdopterus sp. On mesquite (2).
1. Blackwelder 1946:660. 2. TTU.
MEXICO (2).

- Saxinis* sp. On mesquite (2).
1. Leng 1920:288. 2. TTU.
TX[STP] (2).
- Saxinis knausi* Schffr., 1906:222. On mesquite (2).
1. Leng 1920:288. 2. TTU.
KS (1), TX[HP, RP] (2).
- Saxinis omogera* Lac., 1848:482, or near. On mesquite (2).
1. Leng 1920:288. 2. TTU.
AZ (1, 2), GA, IN, NJ, TX (1), TX[TP] (2), VT (1).
- Saxinis sonorensis* Jac., 1889:68, or near. On *Prosopis glandulosa* blooms (3, 4); *Adenostema fasciculatum*, *Lotus scoparius*, *Sphaeralcea* sp. (4).
1. Blackwelder 1946:639. 2. Leng 1920:288.
3. TTU. 4. UCR.
MEXICO (1), AZ (2, 3), CA (2, 4), TX[HP] (3).
- Saxinis subpubescens* Schffr., 1906:221. On mesquite (2).
1. Leng 1920:288. 2. TTU.
AZ (1), TX[HP] (2).
- Systema* sp. near *sexnotata* Fall. On mesquite (2).
1. Blackwelder 1946:695. 2. TTU.
MEXICO (2).
- Urodera duplicata* Monros, or near. On *Prosopis rubriflora* (2).
1. Blackwelder 1946:638. 2. TTU.
ARGENTINA (2).
- Urodera hamatifera* Lac., 1848:453. On *Prosopis nigra* (3); *P.* sp. (2).
1. Blackwelder 1946:639. 2. Hayward 1958:
14. 3. TTU.
ARGENTINA (1, 2, 3), COLOMBIA (1).
- Zygogramma* sp. On mesquite (2).
1. Blackwelder 1946:666. 2. TTU.
MEXICO (2).
- Zygogramma picicollis* Stål, 1859:322. On mesquite (4); *Croton morifolius*, *Eupatorium lasium*, *Verbesina enceloides*, unidentified composite (3).
1. Blackwelder 1946:667. 2. Leng 1920:295.
3. Moldenke 1971:111. 4. TTU.
SYN: *Zygogramma aggregata* Stål, 1860:461.
COSTA RICA, GUATEMALA (1), MEXICO (1, 3, 4), AZ, NM, TX (2).

Cleridae

- Callotillus elegans* (Er.), 1847:85. In *Prosopis glandulosa*—in galleries of *Trogoxylon parallelipedus* (3); *Prosopis* sp. (2).
1. Wolcott 1947:67. 2. Foster and Barr 1972:
122. 3. TTU.
SYN: *Tillus elegans* Er.; *T. occidentalis* Gorham, 1882:129.
CENTRAL AMERICA, MEXICO, AZ, NM, TX (1), TX[EP] (2), TP (3)].
- Callotillus elegans vafer* Wolcott, 1921:270. On *Prosopis* (2); mesquite (3).
1. Wolcott 1947:67. 2. Foster and Barr 1972:
123. 3. W. F. Barr, pers. comm.
MEXICO (3), AZ, CA, NM (1), TX[TP] (2).
- Chariessa pilosa* (Forster), 1781:49. On *Prosopis glandulosa* blooms (2).
1. Wolcott 1947:85. 2. TTU.
SYN: *Lampyris pilosa* Forster; *Enoplium marginata* Say, 1823:187; *Pelonium cincta* Spinola, 1844:356; *Enoplium onusta* Say, 1828:41.
TX[HP] (2).
- Cymatodera* sp. On *Prosopis glandulosa* (2).
1. Wolcott 1947:68. 2. TTU.
TX[RP] (2).
- Cymatodera oblita* Horn, 1876:227. In *Prosopis chilensis* (2); mesquite (3); predaceous in bees' nests (4).
1. Wolcott 1947:70. 2. W. F. Barr, pers. comm.
3. F. G. Werner, pers. comm. 4. TTU.
MEXICO (1, 2), AZ (1, 2, 3), NV (1, 2).
- Cymatodera ovipennis* LeC., 1859:76. In mesquite (2).
1. Wolcott 1947:70. 2. W. F. Barr, pers. comm.
SYN: *Cymatodera pilosella* LeC., 1866:95.
AZ (1), CA (1, 2), NM (1).
- Cymatodera punctata* LeC., 1852:212. In *Prosopis chilensis*, mesquite (2).
1. Wolcott 1947:70. 2. W. F. Barr, pers. comm.
MEXICO (1), CA (1, 2).
- Cymatodera sobera* Barr, 1960:13. On *Prosopis chilensis* (1).
1. W. F. Barr, pers. comm.
AZ (1).
- Enoclerus quadrisignatus* (Say), 1835:162. In mesquite—in a variety of hardwoods and conifers; taken from galleries of *Chrysobothris* sp. (2).
1. Wolcott 1947:81. 2. TTU.
SYN: *Clerus quadrisignatus* Say; *C. rufescens* LeC., 1852:212; *C. affiliatus* LeC., 1858:72; *C. latecinctus* LeC., 1858:72; *Enoclerus latincinctus* Corp., 1950:59.
MEXICO (2), AZ, GA, NM, OK, PA, TX (1), TX[HP, RP] (2).
- Monophylla californica* Fall, 1901:251. On *Prosopis* (2, 4); mesquite (3); oak—in galleries of *Xylobiops texanum* (4).
1. Wolcott 1947:67. 2. W. F. Barr, pers. comm.

3. F. G. Werner, pers. comm. 4. TTU.
SYN: *Monophylla substriata* Wolcott, 1910: 340.

COSTA RICA, MEXICO (1), AZ (2, 3, 4), CA (2), OR, UT (1), TX[EP] (2).

Monophylla terminata (Say), 1835:160. On *Prosopis glandulosa*, *P.* sp.—in galleries of *Xylobiops texanum* (2).

1. Wolcott 1947:67. 2. TTU.

SYN: *Tillus terminata* Say; *Monophylla megatoma* Spinola, 1844:385; *M. picticollis* Blackb., 1901:25.

EASTERN NORTH AMERICA to AZ, TX (1), TX[EP, RP] (2).

Phyllobaenus spp. On *Prosopis glandulosa*, *P. laevigata*, mesquite (3).

1. Leng 1920:151. 2. Blackwelder 1945:388. 3. TTU.

MEXICO TX[RP] (3).

Phyllobaenus discoideus (LeC.), 1852:213. On *Prosopis glandulosa*—found on foliage (3); mesquite (2, 3).

1. Wolcott 1947:72. 2. W. F. Barr, pers. comm. 3. TTU.

SYN: *Hydnocera discoideus* LeC.; *H. furecata* Gorham, 1886:342.

MEXICO (1, 3), AZ, CA, NM, UT (1, 2).

Phyllobaenus subfasciatus (LeC.), 1866:97. On *Prosopis laevigata* (2).

1. Wolcott 1947:73. 2. TTU.

SYN: *Hydnocera subfasciatus* LeC.; *H. subfasciatus fraterna* Wol., 1912:61.

MEXICO (2), CA, KS, MA, NE, TX, UT (1).

Pyticara granulatipectennis (Schffr.), 1904:220. On mesquite (2).

1. Wolcott 1947:85. 2. TTU.

SYN: *Enoplum granulatipectennis* Schffr.; *Peltonides granulatipectennis* (Schffr.).

MEXICO, AZ, NM, TX (1), TX[HP] (2).

Trichodes bibalteatus LeC., 1858:18. On *Prosopis glandulosa* blooms, mesquite blooms—predaceous in bees' nests, not associated with wood borers (2).

1. Wolcott 1947:82. 2. TTU.

KS, OK, NM, TX (1), TX[EP, HP, RP, STP] (2).

Coccinellidae

Anovia virginialis (Wickham), 1905:166. On mesquite (2).

1. Leng 1920:214. 2. TTU.

SYN: *Scymnus virginialis* Wickham.

MEXICO (2), TX, UT (1).

Brachyacantha sp. On *Prosopis* (2).

1. Blackwelder 1945:448. 2. TTU.

ARGENTINA (2).

Brachyacantha aymardi Gorham, 1894:187. On mesquite (2).

1. Blackwelder 1945:448. 2. TTU.

SYN: *Brachyacantha aymardi pulchella* Weise, 1904:360.

MEXICO (1, 2).

Brachyacantha ursina (Fabr.), 1787:61. On mesquite (4).

1. Blackwelder 1945:449. 2. Leng 1920:212.

3. Leng and Mutchler 1933:87. 4. TTU.

SYN: *Coccinella ursina* Fabr.; *C. troglodytes* Muls., 1850:534; *Brachyacantha stellata* Csy., 1899:117; *B. ursina congruens* Csy., 1899:117; *B. u. sonarana* Csy., 1908:412; *B. u. uteella* Csy., 1908:413.

MEXICO (1, 4), EASTERN NORTH AMERICA, AZ, GA, IL, IN, KY, MO, NC, NM, UT (2, 3).

Chilocorus stigma (Say), 1835:202. On *Prosopis glandulosa* (4).

1. Blackwelder 1945:451. 2. Leng 1920:217.

3. Leng and Mutchler 1933:88. 4. TTU.

SYN: *Coccinella stigma* Say; *C. bivulnerus* Muls., 1851:460; *C. fraternus* LeC., 1857:70.

CANADA (2, 3), MEXICO (1, 4), FL, IN (2, 3).

Coccinella ancoralis Germar, 1824:620. On *Prosopis* (2).

1. Blackwelder 1945:454. 2. TTU.

ARGENTINA (1, 2), BOLIVIA, BRAZIL, CHILE (1).

Epilachna varivestis Muls., 1850:815. On mesquite (5); pest of various legume plants including beans, cowpeas, and soybeans (4, 5).

1. Blackwelder 1939:48. 2. Blackwelder 1945:442. 3. Leng 1920:217. 4. Essig 1934:426. 5. TTU.

SYN: *Epilachna varipes* Muls., 1850:812; *E. murina* Muls., 1850:814; *E. corrupta* Muls., 1850:815; *E. cervina* Muls., 1850:817; *E. genuina* Muls., 1850:817; *E. modesta* Muls., 1850:817; *E. difficilis* Muls., 1850:818; *E. maculiventris* Bland, 1864:72; *E. juncta* Joh., 1910:79; *E. cuprea* Coq., 1918:153.

NORTH AMERICA (1, 2, 4), COSTA RICA, GUATEMALA (2, 4), MEXICO (2, 3, 4, 5), PANAMA (2, 4).

Exochomus marginipennis LeC., 1824:174. On *Prosopis glandulosa*, mesquite (3).

1. Blackwelder 1945:451. 2. Leng 1920:217. 3. TTU.

SYN: *Exochomus praetextatus* Melsh., 1847:

180; *E. deflectens* Csy., 1908:410.

MEXICO (1, 3), FL to NY, IN, MO (2), TX[STP] (3).

Exoplectra tibialis Muls., 1850:917. On mesquite (2).

1. Blackwelder 1945:451. 2. TTU.

MEXICO (1, 2).

Hippodamia convergens Guérin, 1842:321. *Prosopis glandulosa*—general predator found on many plants (5).

1. Blackwelder 1945:453. 2. Blackwelder and Blackwelder 1948:27. 3. Leng 1920:215. 4. Swenson 1969:38. 5. TTU.

SYN: *Hippodamia modesta* Melsh., 1847:178; *H. convergens punctulata* LeC., 1852:131; *H. c. ambigua* LeC., 1852:131; *H. obliqua* Csy., 1899:79; *H. politissima* Csy., 1899:80; *H. juncta* Csy., 1899:80.

OLD WORLD (1), CANADA (3), COSTA RICA, GUATEMALA, HONDURAS (1), MEXICO (1, 5), PUERTO RICO (1), WIDESPREAD UNITED STATES (1, 2, 3, 5), TX[CTP, GP, HP, PW (5), RP (4, 5), STP, TP (5)].

Hyperaspis levrati (Muls.), 1851:613. On *Prosopis glandulosa*, *P. laevigata* (4).

1. Blackwelder 1945:447. 2. Blackwelder and Blackwelder 1948:25. 3. Leng 1920:212. 4. TTU.

SYN: *Clethera levrati* Muls.; *Brachyacantha metator* Csy., 1908:413.

MEXICO (1, 2, 3, 4), AZ (2, 3), CO, NM, OK, TX UT, WY (2).

Hyperaspis octonotata Csy., 1899:121. On *Prosopis laevigata* (3).

1. Blackwelder and Blackwelder 1948:25. 2. Leng 1920:211. 3. TTU.

MEXICO (2, 3), AZ (1, 2), CA, CO, NM (1).

Olla abdominalis (Say), 1825:95. On *Prosopis glandulosa*, *P. laevigata*, mesquite—general predator found on many plants (4).

1. Blackwelder 1945:453. 2. Leng 1920:216. 3. Leng and Mutchler 1927:33. 4. TTU.

SYN: *Coccinella abdominalis* Say; *C. sayi* Crotch, 1874:30; *Olla abdominalis chalapensis* Weise, 1895:125; *O. a. plagiata* Csy., 1899:94; *O. fenestralis* Csy., 1899:95; *O. abdominalis minuta* Csy., 1908:406; *O. semilunaris* Joh., 1910:66.

GUATEMALA (1), MEXICO (1, 2, 4), NICARAGUA (1), AZ, CA, FL, IN, NM, TX (2), TX[EP, HP, RP, STP, TP] (4).

Psyllobora viginti-maculata (Say), 1824:96. On *Prosopis glandulosa* (4).

1. Blackwelder 1945:455. 2. Leng 1920:215.

3. Leng and Mutchler 1927:33. 4. TTU.

SYN: *Coccinella viginti-maculata* Say; *Psyllobora taedata* LeC., 1857:70; *P. obsoleta* Csy., 1899:101; *P. parvinotata* Csy., 1899:101; *P. renifer* Csy., 1899:102; *P. borealis* Csy., 1899:102; *P. separata* Csy., 1899:102; *P. deficiens* Csy., 1899:102.

BRITISH HONDURAS, GUATEMALA, MEXICO, NICARAGUA, PANAMA (1), AZ, CA, CT, FL, IA, ID, IL, IN, MI, NY, OH, PA, RI, TX, WI (2), TX[EP] (4).

Scymnus spp. On *Prosopis algarobilla*, mesquite (3).

1. Blackwelder 1945:444. 2. Leng 1920:213. 3. TTU.

ARGENTINA (3), TX[RP] (3).

Scymnus auritulus Muls., 1850:985. On *Prosopis laevigata*, mesquite (2).

1. Blackwelder 1945:444. 2. TTU.

GUATEMALA (1), MEXICO (1, 2).

Scymnus lowei Muls., 1850:980. On *Prosopis laevigata*, mesquite (3).

1. Blackwelder 1945:444. 2. Leng and Mutchler 1933:87. 3. TTU.

GUATEMALA (1), MEXICO (1, 2, 3), WEST INDIES (1), CA, LA, TX (2).

Scymnus terminatus (Say), 1835:203. On mesquite (3).

1. Leng 1920:214. 2. Leng and Mutchler 1933:35,87. 3. TTU.

SYN: *Scymnus femoralis* LeC., 1852:136; *S. caseyi* Weise, 1929:33.

EASTERN NORTH AMERICA, FL, IN (2), TX[STP] (3).

Thalassa montezumae Muls., 1850:512. On *Prosopis* (3).

1. Blackwelder 1945:449. 2. Leng 1920:212. 3. TTU.

GUATEMALA (1), MEXICO (1, 2, 3), AZ, LA (2).

Curculionidae

Anthonomus albopilosus Dietz, 1891:222. On mesquite (2).

1. Leng 1920:323. 2. TTU.

CA, NM, TX (1), TX[HP] (2).

Apion spp. On *Prosopis ruscifolia* (3); mesquite—larvae may develop in seeds (2).

1. Blackwelder 1947:828. 2. F. G. Werner, pers. comm. 3. TTU.

ARGENTINA (3), AZ (2).

Apion sordidum Smith, 1884:48. On *Prosopis juliflora*—reared from dipterous galls on *Arte-*

- misia*, tyrpetid gall on *Artemisia tripartita*, and cecidomyid gall on *Bigelovia*; on *Encelia californica*, *Viguiera stenoloba*, *Zexmenia brevifolia* (2).
1. Leng 1920:309. 2. Kissinger 1968:201.
 SYN: *Apion vespertinum* Csy., 1884:67.
 MEXICO (2), AZ, CA (1, 2), MT (2), NV (1, 2), OR (2), UT (1, 2), TX[RP] (2).
- Apion subornatum* Fall, 1898:164. On *Prosopis juliflora*—reared from *Prosopis* sp. and *Acacia rigidula*, larvae found on *A. roemeriana*, *Mimosa borealis* (2).
1. Leng 1920:310. 2. Kissinger 1968:190.
 MEXICO (2), TX (1), TX[BP, EP, STP, TP] (2).
- Apion ventricosum* LeC., 1858:78. On *Prosopis*, mesquite, catsclaw flowers (2).
1. Leng 1920:310. 2. Kissinger 1968:191.
 SYN: *Apion typicum* Smith, 1884:53.
 MEXICO, AZ, CA (1, 2), CO, TX (1), UT, TX[TP] (2).
- Colecerus marmoratus* Horn, 1876:109. On mesquite (3).
1. Blackwelder 1947:805. 2. Leng 1920:312. 3. TTU.
 MEXICO (1), AZ, TX (2), TX[BP, GP, HP, RP, STP, TP] (3).
- Compsus auricephalus* Say, 1823:310. On mesquite (3).
1. Blackwelder 1947:802. 2. Leng 1920:313. 3. TTU.
 SYN: *Compsus auriceps* Schönherr, 1840:183; *C. venustus* Champ., 1911:289.
 COSTA RICA, GUATEMALA (1), MEXICO (1, 2), NICARAGUA, PANAMA (1), GA to CO and TX (2), TX[GP, HP, RP] (3).
- Conotrachelus* sp. On *Prosopis* (3).
1. Blackwelder 1947:847. 2. Leng 1920:331. 3. Moldenke 1971:115.
 MEXICO (3).
- Hypocheilodes phytobioides* Champ., 1907:144. On mesquite (2).
1. Blackwelder 1947:885. 2. TTU.
 GUATEMALA (1), MEXICO (1, 2), NICARAGUA (1).
- Laemosaccus* sp. near *plagiatus* (Fabr.). On mesquite (2).
1. Blackwelder 1947:836. 2. TTU.
 MEXICO (2).
- Laemosaccus plagiatus* (Fabr.), 1801:485. On *Prosopis laevigata*, mesquite—reared from mesquite twigs (4); *Ceanothus buxifolia*, *Quercus undata*, *Vachellia farnesiana* (3).
1. Blackwelder 1947:836. 2. Leng 1920:326. 3. Moldenke 1971:115. 4. TTU.
 SYN: *Curculio plagiatus* Fabr.; *Laemosaccus nephele* Hbst., 1897:54.
 GUATEMALA (1), MEXICO (1, 3, 4), AZ, CO, FL, MA, NC (2), TX[STP, TP] (4).
- Magdalis armicollis* (Say), 1823[1824]:312. Reared from *Prosopis* sp. (3); in and beneath the bark of elm (1).
1. Blatchley and Leng 1916:259. 2. Leng 1920:322. 3. TTU.
 SYN: *Rynchaenus armicollis* Say.
 CANADA (2), GA (2), IN, NJ, NY (1), TX (2), TX [STP] (3).
- Microtychius* sp. On *Prosopis* (3); mesquite—larvae may develop in seeds (2).
1. Leng 1920:321. 2. F. G. Werner, pers. comm. 3. TTU.
 AZ (2), TX[HP] (3).
- Microtychius hispidus* (Csy.), 1892:424. On *Prosopis glandulosa* (2).
1. Leng 1920:321. 2. TTU.
 SYN: *Tychius hispidus* Csy.; *Sibinia hispidus* (Csy.)
 AZ (1), TX[HP] (2).
- Microtychius setosus* (LeC.), 1876:218. On *Prosopis* sp. (2, 3).
1. Leng 1920:321. 2. R. F. Wilkey, pers. comm. 3. TTU.
 SYN: *Tychius setosus* LeC.; *Sibinia setosus* (LeC.)
 MEXICO (3), AZ, CA (1), TX [HP, RP, STP, TP] (3).
- Microtychius sulcatulus* (Csy.), 1897:664. On mesquite (2).
1. Leng 1920:321. 2. TTU.
 SYN: *Tychius sulcatulus* Csy.; *Sibinia sulcatulus* (Csy.)
 TX (1), TX [HP, RP] (2).
- Microtychius suturalis* (Schffr.), 1908:218. On mesquite (2).
1. Leng 1920:321. 2. TTU.
 SYN: *Tychius suturalis* Schffr.; *Sibinia suturalis* (Schffr.)
 AZ, TX (1), TX [HP] (2).
- Mitostylus* sp. On mesquite (2).
1. Blackwelder 1947:799. 2. TTU.
 MEXICO (2).
- Naupactus cyphoides* Heller, 1921:24. On *Prosopis*—consume leaves (2).
1. Blackwelder 1947:794. 2. Bosq 1942:18.
 SYN: *Naupactus cyphoides* var. *griseomaculatus* Hust., 1923:280.
 ARGENTINA (1, 2), BOLIVIA (1).

- Naupactus viridimicans* Hust., 1923:282. On *Prosopis*—consume leaves (2).
1. Blackwelder 1947:794. 2. Bosq 1942:18.
ARGENTINA (2), BOLIVIA (1).
- Onychobaris mystica* Csy., 1892:531. On *Prosopis glandulosa* (2).
1. Leng 1920:327. 2. TTU.
AZ (1), NM (2), TX (1).
- Ophryastes argentatus* (LeC.), 1853:444. On mesquite, *Acacia constricta*, *Larrea tridentata* (3).
1. Blackwelder and Blackwelder 1948:46. 2. Leng 1920:311. 3. Kissinger 1970:39.
SYN: *Eupagoderes argentatus* Le C.
MEXICO (3), AZ (1, 2, 3), CA (1, 3), NV, UT (1, 3).
- Ophryastes geminatus* (Horn), 1876:35. On *Prosopis*, *Artemisia* sp., *Atriplex canescens*, *Chrysothamnus* spp., *Dalea polyadenia*, *Eriogonum fasciculatum*, *Gutierrezia* sp., *Larrea* spp. (3).
1. Blackwelder and Blackwelder 1948:45. 2. Leng 1920:311. 3. Kissinger 1970:31.
SYN: *Eupagoderes geminatus* Horn; *E. plumbeus* Horn, 1876:35; *E. mortivallis* Fall, 1910:192; *E. utahensis* Tanner, 1939:31; *E. hardyi* Tanner, 1939:31; *E. mortivallis* var. *approximatus* Davis, 1947:502.
CA, ID, NM, NV (1, 2), OR, UT (1, 3).
- Ophryastes latirostris* LeC., 1853:443. On mesquite (3).
1. Blackwelder 1947:807. 2. Leng 1920:311. 3. TTU.
SYN: *Ophryastes validus* LeC., 1854:225.
MEXICO (1), AZ, KS, NM, UT (2), TX[RP] (3).
- Ophryastes porosus* LeC., 1854:225. On mesquite (3).
1. Blackwelder 1947:807. 2. Leng 1920:311. 3. TTU.
MEXICO (1), AZ, TX (2), TX[TP] (3).
- Ophryastes speciosus* (LeC.), 1853:444. On *Prosopis glandulosa*, *Cevallia sinuata*, *Larrea divaricata* (4).
1. Blackwelder 1947:807. 2. Blackwelder and Blackwelder 1948:46. 3. Leng 1920:311. 4. Kissinger 1970:45.
SYN: *Eupagoderes speciosus* LeC.
MEXICO (1, 2, 4), AZ (3), NM (3, 4), TX (2, 3), TX[HP, STP, TP] (4).
- Ophryastes turbinata* (Champ.), 1911:320. On *Prosopis glandulosa* (3); mesquite, *Acacia* sp., *Larrea* sp. (2).
1. Blackwelder 1947:807. 2. Kissinger 1970:21. 3. TTU.
SYN: *Eupagoderes turbinata* Champ.
- MEXICO (1), AZ (2), NM (2, 3), TX[HP, TP] (2).
- Ophryastes variabilis* (Pierce), 1913:374. On *Prosopis glandulosa* (2, 3); *Acacia greggii*, *A. vernicosa*, *Larrea divaricata* (2).
1. Leng 1920:311. 2. Kissinger 1970:23. 3. TTU.
SYN: *Amydrognus variabilis* Pierce.
MEXICO (2, 3), TX (1, 2), TX[TP] (3).
- Ophryastes vittatus* (Say), 1823:316. On mesquite (2).
1. Leng 1920:311. 2. C. E. Rogers, pers. comm.
SYN: *Curculio vittatus* Say.
AZ, KS, NM (1), TX[RP] (2).
- Pandeleiteius* sp. On *Prosopis laevigata* (2).
1. Blackwelder 1947:799. 2. TTU.
MEXICO (2).
- Pandeleiteius cinereus* Horn, 1876:87. On mesquite—oak most common host; *Bumelia lanuginosa*, *Juniperus*, elm, pecan, walnut—reared from *Phoradendron flavescens* stems (3).
1. Blackwelder 1947:799. 2. Leng 1920:312. 3. Howden 1959:387.
MEXICO (1, 3), OK (3), TX (2, 3).
- Pandeleiteius elytoplanatus* Howden, 1959:380. On *Prosopis* blooms and foliage (2); mesquite (1, 2); *Atriplex canescens*, *Condalia lycioides*, *Pluchea sericea* (1).
1. Howden 1959:380. 2. TTU.
MEXICO (2), AZ, NM (1), TX[HP, TP] (2).
- Pandeleiteius lucidillus* Howden, 1959:374. On mesquite (1); *Neltuma glandulosa* (2).
1. Howden 1959:374. 2. Moldenke 1971:115.
MEXICO (2), AZ (1).
- Pantomorus albosignatus* Boh., 1839:943. On mesquite (2).
1. Blackwelder 1947:795. 2. TTU.
EL SALVADOR, GUATEMALA (1), MEXICO (1, 2).
- Peritaxia hispida* Horn, 1876:47. On *Prosopis glandulosa* (2).
1. Leng 1920:311. 2. TTU.
AZ, CO (1), TX[HP] (2).
- Rhysomatus sculpticollis* Champ., 1904:332. On mesquite (2).
1. Blackwelder 1947:858. 2. TTU.
GUATEMALA (1), MEXICO (1, 2), NICARAGUA (1).
- Sciadrusus propheticus* Sharp, 1911:172. On mesquite (2).
1. Blackwelder 1947:798. 2. TTU.
MEXICO (1, 2).
- Smicronyx imbricata* (Csy.), 1892:381. On *Pro-*

sopis juliflora (3).

1. Blackwelder 1947:825. 2. Leng 1920:319. 3. Anderson 1962:304.

SYN: *Synertha imbricata* Csy.; *S. silacea* Csy., 1892:392.

MEXICO (1), AZ, CA (2, 3), NM, NV, UT, TX[EP, STP] (3).

Smicronyx pusillus Dietz, 1894:141. On mesquite, clover (2).

1. Leng 1920:319. 2. Anderson 1962:245. AZ (2), CA (1, 2).

Smicronyx quadrifer Csy., 1892:388. On *Prosopis*, mesquite, *Acacia*, *Ambrosia*, dodder (2).

1. Leng 1920:319. 2. Anderson 1962:254.

SYN: *Smicronyx quadrifer texana* Blatch., 1916:12.

AL, AZ, TX (1, 2), TX[GP, STP] (2).

Smicronyx spretus Dietz, 1894:145. On *Prosopis* sp., *Sphaerulcea angustifolia*, *S.* sp., cotton, wild sunflower (2).

1. Leng 1920:319. 2. Anderson 1962:261. AZ (1, 2), NM, TX[TP] (2).

Dermestidae

Cryptorhopalum sp. On mesquite (2).

1. Leng 1920:190. 2. TTU. AZ (2).

Novelsis uteana Csy., 1900:148. On mesquite (2).

1. Leng 1920:190. 2. TTU. AZ (2), UT (1).

Trogoderma sternalis Jayne, 1882:363. On mesquite (2).

1. Leng 1920:190. 2. TTU. AZ, CA, NM, TX (1), TX[HP] (2).

Elateridae

Chalcolepidius viridipilis (Say), 1825:257 or near. On *Prosopis*, mesquite (2).

1. Leng 1920:167. 2. TTU. TX[RP] (2).

Conoderus rufangulus (Gyll.), 1817:142. On *Prosopis* (2).

1. Schenkling 1925:132. 2. TTU.

SYN: *Elater rufangulus* Gyll.; *Monocrepidius asinius* Germar, 1839:231; *M. azoricus* Tarnier, 1860:93; *M. atlanticus* Cand., 1865:26.

ARGENTINA (1, 2), BRAZIL, URUGUAY (1).

Glyphonyx sp. On mesquite (2).

1. Blackwelder 1944b:296. 2. TTU. MEXICO (2).

Ischiodontus sp. On mesquite (2).

1. Blackwelder 1944b:299. 2. TTU. MEXICO (2).

Lacon sp. On mesquite (2).

1. Blackwelder 1944b:281. 2. TTU. MEXICO (2).

Octinodes sp. On mesquite (2).

1. Leng 1920:166. 2. TTU. TX[TP] (2).

Endomychidae

Epopterus sp. On *Prosopis* (2).

1. Leng 1920:209. 2. TTU. MEXICO, TX[STP] (2).

Helodidae

Ptilodactyla sp. On mesquite (2).

1. Leng 1920:188. 2. TTU. MEXICO, TX[STP] (2).

Histeridae

Hololepta vicina LeC., 1851:163. On mesquite (2).

1. Leng 1920:135. 2. TTU.

SYN: *Hololepta neglecta* Blaisd., 1892:338; *H. californica* Carn., 1917:395.

MEXICO (2), AZ, CA, OR, WA (1).

Lathridiidae

Corticaria sp. On mesquite (2).

1. Blackwelder 1945:436. 2. TTU. MEXICO (2).

Lycidae

Lycus carmelitus Gorham, 1880:2. On mesquite (2).

1. Blackwelder 1945:343. 2. TTU. MEXICO (1, 2).

Lycus loripes Chev., 1834:148. On mesquite (2).

1. Blackwelder 1945:343. 2. TTU. GUATEMALA (1), MEXICO (1, 2).

Lyctidae

Lyctoxylon japonicum Reitter, 1878:199. On *Prosopis* (3).

1. Blackwelder 1945:401. 2. Leng 1920:246. 3. Mathur and Singh 1959:58.

INDO-MALAYA (1), JAPAN (1, 2), PUERTO RICO (1), NJ (2).

Tragoxylon parallelipedus (Melsh.), 1844:112. On *Prosopis* (2).

1. Leng 1920:245. 2. Foster and Barr 1972:123. SYN: *Xylotrogus parallelipedus* Melsh.;

Lyctus parallelipedus (Melsh.).

EASTERN and SOUTHEASTERN UNITED STATES (1), TX[EP] (2).

Meloidae

Epicauta sp. On mesquite (2).

1. Leng 1920:158. 2. TTU.
NM (1), TX[HP, STP] (2).

Epicauta adspersa (Klug), 1825:434. On *Prosopis* (2).

1. Blackwelder 1945:482. 2. TTU.
SYN: *Lytta conspersa* Curt., 1845:472.
ARGENTINA (1, 2), URUGUAY (1).

Epicauta alastor Skinner, 1904:217. On mesquite, alfalfa (4).

1. Blackwelder 1939:35. 2. Blackwelder and Blackwelder 1948:17. 3. Leng 1920:158. 4. Werner, Enns, and Parker 1966:46.

MEXICO (4), AZ (3, 4), CA (2, 4), CO, TX (2).

Epicauta arizonica Werner, 1944:72. On mesquite (2).

1. Blackwelder and Blackwelder 1948:18. 2. Werner, Enns, and Parker 1966:48.
MEXICO, AZ (1, 2), CA (2).

Epicauta atrata (Fabr.), 1775:260. On *Prosopis glandulosa* (3).

1. Blackwelder and Blackwelder 1948:17. 2. Leng 1920:158. 3. TTU.

SYN: *Lytta atrata* Fabr.; *L. trichrus* Pallas, 1789:100; *E. convolvuli* Melsh., 1848:53; *E. coracina* Ill., 1904:171; *E. trichura* Wellm., 1910:24.

MD to NC then to TX and NE (1, 2), TX[HP] (3).

Epicauta atrivittata (LeC.), 1854:224. On mesquite (3).

1. Blackwelder 1939:35. 2. Blackwelder and Blackwelder 1948:18. 3. TTU.

SYN: *Lytta atrivittata* LeC.; *Macrobasis atrivittata* (LeC.).

MEXICO (2), AZ (1), NM, TX (1, 2), TX[HP] (3).

Epicauta crassitarsis Maydell, 1935:72. On mesquite, *Lycium*, alfalfa (3).

1. Blackwelder 1939:38. 2. Blackwelder and Blackwelder 1948:17. 3. Werner, Enns, and Parker 1966:38.

MEXICO (3), AZ (1, 2, 3).

Epicauta diversicornis (Haag), 1880:42. On mesquite (2).

1. Blackwelder 1945:484. 2. TTU.

SYN: *Macrobasis diversicornis* Haag; *M. d.* var. *pallida* Haag, 1880:42; *M. d.* var. *candezei* Haag, 1880:43; *M. flavens* Dugès, 1889:58.

COSTA RICA, GUATEMALA (1), MEXICO (1, 2).

Epicauta ficta Werner, 1949:100. On mesquite (2).

1. Werner 1949:100. 2. TTU.

MEXICO (2), OK (1), TX[STP] (2).

Epicauta hirsutipubescens (Maydell), 1934:334. On mesquite (5), *Acacia vernicosa*, coralbean (4).

1. Blackwelder 1939:38. 2. Blackwelder and Blackwelder 1948:18. 3. Werner 1949:110. 4. Werner, Enns, and Parker 1966:51. 5. TTU.

SYN: *Macrobasis hirsutipubescens* Maydell; *M. virgulata* LeC., 1866:156.

MEXICO (2, 4), AZ (1, 2, 3), CA (2), NM (2, 3), TX[HP, STP] (3, 4), TP (3, 4, 5)].

Epicauta immaculata (Say), 1824:304. On *Prosopis glandulosa* blooms (4, 5); mesquite (5).

1. Blackwelder 1939:36. 2. Blackwelder and Blackwelder 1948:18. 3. Leng 1920:158. 4. Swenson 1969:59. 5. TTU.

SYN: *Lytta immaculata* Say; *L. articularis* Say, 1823:301; *Epicauta fulvescens* LeC., 1853:447; *Macrobasis immaculata* (Say).

AZ (3), CO (1, 3), IN (1, 2, 3), KS, NM (1, 3), TX (1, 2), TX[HP] (5), RP (4)].

Epicauta liebecki Werner, 1944:72. On *Prosopis*, mesquite (2).

1. Blackwelder and Blackwelder 1948:18. 2. Werner, Enns, and Parker 1966:49.

MEXICO, AZ (1, 2).

Epicauta longicollis (LeC.), 1853:343. On *Prosopis*, mesquite, *Solanum elaeagnifolium* (4).

1. Blackwelder 1945:483. 2. Blackwelder and Blackwelder 1948:18. 3. Leng 1920:158. 4. Werner, Enns, and Parker 1966:36.

SYN: *Lytta longicollis* LeC.; *Macrobasis longicollis* (LeC.); *Lytta sublineata* LeC., 1853:447; *Macrobasis sublineata* (LeC.).

MEXICO (3, 4), AZ (3), CA (2), NM (3), TX (3, 4).

Epicauta maculata (Say), 1824:298. On mesquite (6); *Amaranthus*, *Atriplex canescens*, *Kallstroemia*, *Salsola*, *Solanum elaeagnifolium* (5).

1. Blackwelder 1939:36. 2. Blackwelder 1945:483. 3. Blackwelder and Blackwelder 1948:17. 4. Leng 1920:158. 5. Werner, Enns, and Parker 1966:38. 6. TTU.

SYN: *Lytta maculata* Say; *Epicauta maculata* var. *conspersa* LeC., 1853:340; *E. punctuata* Dugès, 1870:161; *E. maculata* var. *media* Dugès, 1889:82.

GUATEMALA (2), MEXICO (2, 3, 6), AZ (1, 3, 4, 5), CA (4), CO, DAK, IL, MO, NM, OR (1, 3, 4, 5), TX (3, 5), TX[HP, TP] (5, 6).

Epicauta nigritarsis (LeC.), 1853:340. On *Pro-*

- sopsis glandulosa*—adults feed on leaves and shoots (4, 6); mesquite (5).
1. Blackwelder 1939:36. 2. Blackwelder and Blackwelder 1948:17. 3. Leng 1920:158. 4. Swenson 1969:36. 5. Werner, Enns, and Parker 1966:37. 6. TTU.
- SYN: *Lytta nigratarsis* LeC.
- MEXICO (5, 6), AZ (5), NM (3, 5), OK (5), TX (1, 2, 3), TX[HP (5, 6), RP (4, 5, 6), STP, TP (5, 6)].
- Epicauta pardalis* LeC., 1866:157. On *Prosopis glandulosa*, *Prosopis* sp., mesquite (5, 6)—may defoliate whole trees (5); *Argemone*, alfalfa, Chinese elm, potato, *Solanum elaeagnifolium* (5).
1. Blackwelder 1939:36. 2. Blackwelder 1945:484. 3. Blackwelder and Blackwelder 1948:17. 4. Leng 1920:158. 5. Werner, Enns, and Parker 1966:40. 6. TTU.
- MEXICO (2, 3, 6), AZ (1, 3, 4), NM (3, 5), TX (1, 3, 4, 5).
- Epicauta rufipedes* Dugès, 1870:163. On mesquite (2).
1. Blackwelder 1945:484. 2. TTU.
- SYN: *Epicauta subvittata* Haag, 1880:47; *E. rufipedes cinctella* Dugès, 1877:59; *E. vittula* Beaur., 1889:ccxiii.
- GUATEMALA (1), MEXICO (1, 2), NICARAGUA (1).
- Epicauta segmenta* (Say), 1824:303. On *Prosopis glandulosa* (5); mesquite (6).
1. Blackwelder 1939:36. 2. Blackwelder 1945:484. 3. Blackwelder and Blackwelder 1948:18. 4. Leng 1920:158. 5. Swenson 1969:59. 6. TTU.
- SYN: *Lytta segmenta* Say; *L. segmentata* LeC., 1853:342; *Epicauta valida* LeC., 1858:39; *E. cinctithorax* Dugès, 1889:56; *Macrobasis segmentata* (Say); *M. valida* (LeC.).
- MEXICO (1, 2, 3), AZ, KS (1, 3, 4), LA (1, 4), MT (4), NE (3), NM, TX (1, 3, 4), TX[RP (5, 6), TP (6)].
- Epicauta sericans* LeC., 1866:158. On mesquite (4); *Aster consinnus* blossoms (5).
1. Blackwelder 1939:36. 2. Blackwelder and Blackwelder 1948:17. 3. Leng 1920:158. 4. Werner, Enns, and Parker 1966:44. 5. TTU.
- CANADA (2), MEXICO (4), SOUTH CENTRAL and WESTERN UNITED STATES (2, 4), AZ, KS, NM, OR (1, 2, 3, 4), TX (1, 2, 4), TX[HP, RP] (5).
- Epicauta virgulata* (LeC.), 1866:156. On mesquite (6), palo verde (5).
1. Blackwelder 1939:36. 2. Blackwelder and Blackwelder 1948:17. 3. Leng 1920:158. 4.
- Werner 1949:108. 5. Werner, Enns, and Parker 1966:51. 6. TTU.
- SYN: *Macrobasis virgulata* LeC.
- MEXICO (1, 2, 3, 4, 5), AZ (4, 5), TX (2), TX[RP] (6).
- Megetra cancellata* Brandt and Erickson, 1932:141. On *Prosopis glandulosa* (3).
1. Blackwelder 1939:38. 2. Blackwelder 1945:487. 3. TTU.
- SYN: *M. hoegei* Dugès, 1889:39; *Megetra cancellata* var. *championi* Van Dyke, 1928:456.
- MEXICO (1, 2), TX[TP] (3).
- Nemognatha* sp. On mesquite (2).
1. Leng 1920:160. 2. TTU.
- TX[HP] (2).
- Pseudozonitis martini* (Fall), 1907:257. On mesquite, *Agave*, *Tamarix* (2).
1. Leng 1920:160. 2. Werner, Enns, and Parker 1966:68.
- SYN: *Zonitis martini* Fall.
- AZ, CA (2), NM (1, 2).
- Pyrota ahurstiana* Horn, 1891:42. On mesquite (4, 5)—reported not to feed (4).
1. Blackwelder 1939:37. 2. Blackwelder 1945:484. 3. Leng 1920:157. 4. Werner, Enns, and Parker 1966:55. 5. TTU.
- MEXICO (1, 2, 3, 4, 5), AZ, NM (1, 3, 4), TX[TP] (4).
- Pyrota insulata* (LeC.), 1858:22. On *Prosopis glandulosa* (4); *P. sp.*, mesquite (5).
1. Blackwelder 1939:37. 2. Blackwelder 1945:485. 3. Leng 1920:157. 4. Swenson 1969:36. 5. TTU.
- SYN: *Lytta insulata* LeC.
- MEXICO (1, 2), TX (2, 3), TX [HP (5), RP (4), STP (5)].
- Pyrota postica* LeC., 1866:160. On mesquite (4, 5), several Zygophyllaceae (4).
1. Blackwelder 1939:37. 2. Blackwelder 1945:485. 3. Leng 1920:157. 4. Werner, Enns, and Parker 1966:57. 5. TTU.
- SYN: *Pyrota mylabrina* LeC., 1853:337; *Lytta maculata* Lac., 1859:4; *Pyrota plagiata* Haag, 1880:49; *P. lacordairei* Berg, 1881:303; *P. vittigera* Burm., 1881:22.
- MEXICO (1, 2, 3, 5), AZ (1, 3, 4), NM (1), TX (1, 3).
- Pyrota tenuicostata* Dugès, 1877:60. On *Prosopis*, mesquite (4).
1. Blackwelder 1939:37. 2. Blackwelder 1945:485. 3. Leng 1920:157. 4. TAMU.
- SYN: *Pyrota vittigera* LeC., 1858:22; *P. rufipennis* Crotch, 1874:114; *P. tenuicostata* var.

mariarm Champ., 1892:435; *P. t.* var. *hirticollis* Champ., 1892:455.

MEXICO (1, 2, 3), TX (1, 3, 4).

Melyridae

Amecocerus sp. On *Prosopis glandulosa* blooms (2).

1. Blackwelder 1939:32 2. TTU.

TX[RP] (2).

Attalus spp. On *Prosopis glandulosa*, mesquite (2).

1. Leng 1920:146. 2. TTU.

AZ, NM, TX[HP] (2).

Mordellidae

Glipa sp. On *Prosopis* (2).

1. Leng 1920:154. 2. TTU.

TX[EP] (2).

Mordella sp. On mesquite (2).

1. Blackwelder 1945:475. 2. TTU.

MEXICO (2).

Mordella insulata LeC., 1859:16. On *Prosopis* (2).

1. Leng 1920:155. 2. Swenson 1969:59.

KS, TX (1), TX[RP] (2).

Mordella marginata Melsh., 1846:312. On *Prosopis glandulosa* (3).

1. Blackwelder and Blackwelder 1948:15. 2.

Leng 1920:155. 3. TTU.

SYN: *Mordella lineata* Melsh., 1846:313.

CT, FL, IN, NJ, NY, OH (2), PA (1), TX[RP] (3).

Mordella near *cinereoatra* Lj. On mesquite (2).

1. Leng 1920:155. 2. TTU.

TX[TP] (2).

Mordellistena sp. On mesquite (2).

1. Leng 1920:155. 2. TTU.

TX[HP] (2).

Naucles sp. On mesquite (2).

1. Blackwelder 1945:479. 2. TTU.

MEXICO (2).

Pentaria sp. On mesquite (2).

1. Blackwelder 1945:479. 2. TTU.

MEXICO (2).

Nitidulidae

Carpophilus hemipterus (L.), 1758:358. On mesquite (3).

1. Blackwelder 1945:412. 2. Leng 1920:195. 3. TTU.

SYN: *Dermestes hemipterus* L.; *Silpha bimaculatus* L., 1767:569; *Nitidula flexuosus* Kaf., 1790:246; *N. bimaculatus* Ol., 1790:12; *N. quadriguttatus* Thunb., 1794:70; *N. cadaverin-*

us Fabr., 1801:354; *Stenus ficus* Fabr., 1801:603; *Cateretes dimidiatus* Heer, 1841:413; *Cercus bimaculatus* Melsh., 1844:105; *Nitidula brevipennis* Germain, 1855:397; *N. quadripustulatus* Schauf., 1882:189.

OLD WORLD (1), EUROPE (2), ARGENTINA, BRITISH HONDURAS (1), CANADA (2), CHILE, CUBA (1), GRENADA, GUADELOUPE, GUATEMALA, HISPANIOLA (1), MEXICO (1, 3), ST. VINCENT (1), AK, AZ, CA, FL, IN (2).

Carpophilus lugubris Murr., 1864:255. On mesquite (3).

1. Blackwelder 1945:412. 2. Leng 1920:195. 3. TTU.

BRAZIL, GUATEMALA (1), MEXICO (1, 3), PANAMA, VENEZUELA (1), CO, FL, TX (2).

Carpophilus maculatus (Er.), 1843:244. On mesquite (2).

1. Leng 1920:195. 2. TTU.

SYN: *Colopterosus maculatus* Er.

CENTRAL UNITED STATES, FL to TX (1), TX[STP] (2).

Carpophilus mutilatus Er., 1843:258. On mesquite (2).

1. Leng 1920:195. 2. TTU.

TX[STP] (2).

Carpophilus pallipennis (Say), 1823:194. On *Prosopis glandulosa* (4).

1. Blackwelder 1945:412. 2. Blackwelder and Blackwelder 1948:24. 3. Leng 1920:195. 4. TTU.

SYN: *Cercus pallipennis* Say; *Carpophilus poltens* Shp., 1889:300; *C. pallens* Leng, 1920:195.

BAHAMA ISLANDS (1), CANADA (2), MEXICO (1, 2, 3), AZ, CA, CO (3), FL (2), KS, NM, OR, TX (3), TX[HP] (4).

Lobiopa sp. On *Prosopis alba*, *P. sp.* (2).

1. Blackwelder 1945:414. 2. TTU.

ARGENTINA (2).

Pedilidae

Eurygenius sp. On mesquite (2).

1. Blackwelder 1945:492. 2. TTU.

MEXICO (2).

Phalacridae

Olibrus sp. On mesquite (2).

1. Blackwelder 1945:430. 2. TTU.

MEXICO (2).

Phalacrus sp. On mesquite (2).

1. Leng 1920:210. 2. TTU.

TX[HP] (2).

Ptinidae

Ptinus sp. On mesquite (2).

1. Leng 1920:240. 2. TTU.
TX[STP] (2).

Rhipiphoridae

Macrosiagon sp. On mesquite (2).

1. Leng 1920:156. 2. TTU.
TX[HP] (2).

Scarabaeidae

Cheiroplatys sp. On mesquite (2).

1. Blackwelder 1944b:255. 2. TTU.
MEXICO (2).

Cotinis mutabilis (G. and P.), 1833:70. On *Prosopis* (2).

1. Blackwelder 1944b:261. 2. TTU.
BRITISH HONDURAS, COSTA RICA,
GUATEMALA, HONDURAS (1), MEXICO (1),
2), NICARAGUA (1).

Diplotaxis sp. On mesquite (2).

1. Blackwelder 1944b:222. 2. TTU.
MEXICO (2).

Euphoria spp. On *Prosopis* (3, 4).

1. Blackwelder 1944b:264. 2. Leng 1920:262. 3.
Bosq 1942:18. 4. TTU.
ARGENTINA (3), TX[HP] (4).

Euphoria basalis G. and P., 1833:64. On mesquite (2).

1. Blackwelder 1944b:265. 2. TTU.
MEXICO (1, 2).

Euphoria rufobrunnea Csy., 1915:309. On *Prosopis* (2).

1. Leng 1920:262. 2. TTU.
NM (1, 2), WA (1).

Homonyx chalcea Blanch., 1850:214. On *Prosopis* (2, 3).

1. Blackwelder 1945:236. 2. Bosq 1942:18. 3.
TTU.

SYN: *Homonyx chalcea fuscocuprea* Ohaus, 1913:494; *H. c. santaigensis* Ohaus, 1913:494;
H. c. uruguayana Ohaus, 1913:494.

- ARGENTINA (1, 2, 3).

Megasoma cogli Cartwright, 1963:25. On *Prosopis juliflora* (1).

1. Cartwright 1963:25.
TX[STP] (1).

Strategus sp. On mesquite (2).

1. Blackwelder 1944b:257. 2. TTU.
MEXICO (2).

Scolytidae

Dolurgus sp. In mesquite reared from branches (2)

1. Leng 1920:338. 2. F. G. Werner, pers. comm.
AZ (2).

Hypothenemus sp. near *rotundicollis* (Eichh.). On mesquite (2).

1. Blackwelder 1947:777. 2. TTU.
MEXICO (2).

Renocis fasciatus Blackm., 1940:385. In *Prosopis*, mesquite—from cut twigs, *Covillea gen- tinosa* (2).

1. Blackwelder and Blackwelder 1948:48. 2.
Blackman 1940:385.
AZ (1, 2).

Tenebrionidae

Bothrotes sp. On mesquite (2).

1. Blackwelder 1945:511. 2. TTU.
MEXICO (2).

Eleodes pedinoides LeC., 1858:183. On *Prosopis glandulosa* (2); mesquite (3).

1. Leng 1920:227. 2. Swenson 1969:38. 3. TTU.
SYN: *Eleodes pedinoides neomexicana* Blais., 1909:41.

- NM, TX (1), TX[RP] (2, 3).

Eleodes suturalis (Say), 1823:257. On mesquite (2).

1. Leng 1920:227. 2. TTU.

SYN: *Blaps suturalis* Say; *Eleodes texanu* LeC., 1858:182.

- CO, DAK, KS, TX (1), TX[HP, RP] (2).

Helops sp. On mesquite (2).

1. Blackwelder 1945:542. 2. TTU.
MEXICO (2).

Helops impolitus LeC., 1866:132. On *Prosopis glandulosa*, mesquite (2).

1. Leng 1920:236. 2. TTU.

- TX (1), TX[STP] (2).

Hylocrinus spp. On *Prosopis* (2).

1. Blackwelder 1945:512. 2. TTU.
MEXICO (2).

Metoponium sp. On *Prosopis glandulosa* blooms (2).

1. Leng 1920:219. 2. TTU.
AZ (2).

Metoponium cognitum Csy., 1907:305 or near. On *Prosopis glandulosa* blooms (2).

1. Leng 1920:220. 2. TTU.
TX[HP] (2).

Omophres bacchulus Berg, 1883:70. On *Prosopis* (2).

1. Blackwelder 1945:511. 2. TTU.
ARGENTINA (1, 2).

Pechalius subvittatus Csy., 1907:421. On *Prosopis laevigata* (2).

1. Leng 1920:222. 2. TPU.

MEXICO (2), TX (1).

Telabris spp. On *Prosopis laevigata*, mesquite (4) - reared from mesquite branches (3).

1. Blackwelder 1945:512. 2. Leng 1920:220.

3. F. G. Werner, pers. comm. 4. TPU.

MEXICO, AZ (3, 4), NM (4).

Telabris muricatula Csy., 1890:341. On *Prosopis glandulosa* (2); mesquite (3).

1. Leng 1920:220. 2. Swenson 1969:38. 3. TPU.

AZ, TX (1), TX[HP (3), RP (2)].

Thinobatis sp. On *Prosopis rubriflora* (2).

1. Blackwelder 1945:513. 2. TPU.

ARGENTINA (2).

Trogositidae

Temnochila virescens (Fabr.), 1775:817. On *Prosopis* (4, 5) - reared from mesquite branches (3); pine. *Pinus oocarpa* in boring of *Dendroctonus frontalis* (3).

1. Blackwelder 1945:393. 2. Leng 1920:193.

3. Barron 1971:79. 4. F. G. Werner, pers. comm.

5. TPU.

SYN: *Lucanus virescens* Fabr.; *Trogosita virescens* Ol., 1790:8; *Trogosita virescens* Fabr., 1792:115; *Temnochila virescens* West., 1830:231; *Temnochila virescens* Lac., 1854:341; *Trogosita cyanea* Reitter, 1875:28.

BRITISH HONDURAS, COSTA RICA, GUATEMALA, GUIANA, HONDURAS, MEXICO (1), NICARAGUA (1, 3), ENTIRE UNITED STATES (1, 2, 3), east coast west to eastern TX, OK, MO, inclusive (3), AZ (4), TX[EP, STP] (5).

Tenebroïdes sp. On *Prosopis caldenia* (2).

1. Blackwelder 1945:393. 2. TPU.

ARGENTINA (2).

DIPTERA

Agromyzidae

Liriomyza sp. On mesquite (2).

1. Stone et al. 1965:801. 2. TPU.

MEXICO (2).

Melanagromyza spp. On mesquite (2).

1. Stone et al. 1965:796. 2. TPU.

MEXICO, TX[STP] (2).

Phytobia sp. On *Prosopis* (2).

1. Stone et al. 1965:797. 2. TPU.

ARGENTINA (2).

Anthomyiidae

Calythea micropteryx (Thomson), 1869:555. On

mesquite (2).

1. Stone et al. 1965:865. 2. TPU.

SYN: *Anthomyia micropteryx* Thomson.

CANADA (1), MEXICO (1, 2), WA to MI, south to AZ and TX, MA to VA (1).

Hylemyza sp. On *Prosopis laevigata*, mesquite (2).

1. Stone et al. 1965:845. 2. TPU.

MEXICO, TX[RP] (2).

Scatophaga stercoraria (L.), 1758:599. On *Prosopis* (2, 3), mesquite (2).

1. Stone et al. 1965:839. 2. Swenson 1969:61.

3. TPU.

SYN: *Musca stercoraria* L.; *M. merdaria* Fabr., 1794:344.

ASIA, EUROPE, CANADA, HAITI, MEXICO, SWEDEN, NEWFOUNDLAND, AK south to CA, GA (1), TX[HP (3), RP (2)].

Asilidae

Atomosia melanopogon Hermann, 1912:144. On *Prosopis glandulosa* (2), *P.* sp., mesquite (3).

1. Stone et al. 1965:387. 2. Swenson 1969:45.

3. TPU.

MEXICO (3), AZ, CO, IA, TX (1), TX[RP] (2, 3).

Blepharepium secabile (Walk.), 1860:276. On *Prosopis glandulosa* (2).

1. Stone et al. 1965:365. 2. TPU.

SYN: *Dasyopogon secabile* Walk.

MEXICO, AZ (1), TX[TP] (2).

Diognites angustipennis Loew, 1866:23. On *Prosopis nigra* (2).

1. Stone et al. 1965:371. 2. TPU.

ARGENTINA (2), CO, IL, KS (1).

Efferia spp. On *Prosopis caldenia*, *P. glandulosa*, *P. laevigata* (2).

1. Stone et al. 1965:393. 2. TPU.

ARGENTINA, MEXICO, TX[HP, RP, STP] (2).

Efferia aestuans (L.), 1763:413. On mesquite (2).

1. Stone et al. 1965:393. 2. TPU.

SYN: *Asilus aestuans* L.; *A. niger* Wiedemann, 1821:196; *Erax incisuralis* Macquart, 1838:117; *E. bastardi* Macquart, 1838:117; *E. tibialis* Macquart, 1838:118.

EASTERN NORTH AMERICA to WY, TX (1), TX[RP] (2).

Efferia tuberculata (Coq.), 1904:34. On mesquite (2).

1. Stone et al. 1965:396. 2. TPU.

SYN: *Erax tuberculata* Coq.

CA, TX (1), TX[RP] (2).

Mallophorina frustra Pritchard, 1935:11. On

mesquite (2).

1. Stone et al. 1965:397. 2. TTU.

MEXICO (2), AZ (1, 2).

Microstylum galactodes Loew, 1866:25. On *Prosopis glandulosa* (2, 3).

1. Stone et al. 1965:379. 2. Swenson 1969:45.
3. TPU.

AZ, KS, NM, TX (1), TX[RP] (2, 3).

Ospricerus latipennis (Loew), 1866:28. On *Prosopis* (2).

1. Stone et al. 1965:381. 2. TTU.

SYN: *Stenopogon latipennis* Loew; *S. consanguineus* Loew, 1866:27.

SD to NM and TX (1), TX[RP] (2).

Proctacanthus nearno Martin, 1962:187. On *Prosopis* (2).

1. Stone et al. 1965:399. 2. TTU.

SYN: *Proctacanthus arno* Ths. of Hine, 1911:161.

AZ, CA, NM, TX, UT (1), TX[RP] (2).

Saropogon combustus Loew, 1874:373. On *Prosopis glandulosa* (2).

1. Stone et al. 1965:383. 2. TTU.

SYN: *Saropogon adustus* Loew, 1874:375.

CO, KS, NE, OK, TX (1), TX[TP] (2).

Saropogon purus Curran, 1930:3. On mesquite (2).

1. Stone et al. 1965:383. 2. TTU.

MEXICO (2), AZ (1).

Bombyliidae

Anthrax irroratus irroratus Say, 1823:46. On mesquite - reared from bees' nest in mesquite wood (2).

1. Stone et al. 1965:432. 2. TTU.

SYN: *Anthrax oedipus*, authors, not Fabr.

TX[RP] (2).

Geron sp. On *Prosopis rubriflora*, *P.* sp., mesquite (2).

1. Stone et al. 1965:422. 2. TTU.

ARGENTINA, MEXICO, PUERTO RICO (2).

Mythicomyia sp. On mesquite (2).

1. Stone et al. 1965:418. 2. TTU.

NM (2).

Oligodranes bivittatus (Cr.), 1915:206. On mesquite (2).

1. Stone et al. 1965:421. 2. TTU.

SYN: *Pseudogeron bivittatus* Cr.

AZ (2), TX (1), TX[TP] (2).

Phthiria sp. On mesquite (2).

1. Stone et al. 1965:419. 2. TTU.

AZ (2).

Poecilanthrax sp. On *Prosopis glandulosa* (2).

1. Stone et al. 1965:441. 2. TTU.

MEXICO (2).

Systropus nitidus Wiedemann. On *Prosopis* (2).

1. Stone et al. 1965:424. 2. TTU.

ARGENTINA (2).

Calliphoridae

Cochliomyia macellaria (Fabr.), 1775:776. On *Prosopis alba*, *P. nigra*, mesquite (2).

1. Stone et al. 1965:924. 2. TTU.

SYN: *Musca macellaria* Fabr.; *Chrysomya lherminieri* Robineau-Desvoidy, 1830:446; *C. coerulea* Robineau-Desvoidy, 1830:447; *Cochliomyia caerulea*, error; *Lucilia vittata* Macquart, 1843:298; *Musca certima* Walk., 1849:873.

CENTRAL AMERICA, NORTH AMERICA, SOUTH AMERICA, WEST INDIES (1), ARGENTINA (1, 2), TX[HP] (2).

Phormia regina (Meigen), 1826:58. On mesquite (2).

1. Stone et al. 1965:924. 2. TTU.

SYN: *Musca regina* Meigen; *Phormia philadelphica* Robineau-Desvoidy, 1830:466; *Musca mollis* Walk., 1849:892; *M. proxima* Walk., 1852:341; *Lucilia rufipalpis* Jaenicke, 1867:375; *L. stigmatalis* Thomson, 1869:544; *Somomyia nigrina* Bigot, 1877:247; *S. rupicola* Bigot, 1877:clxxx; *S. rufigena* Bigot, 1877:clxxxi.

EURASIA, NORTH AMERICA, GERMANY, HI (1), TX [HP] (2).

Cecidomyiidae

Allarete barberi (Felt), 1908:310. On mesquite (2).

1. Stone et al. 1965:245. 2. TTU.

SYN: *Lestremia barberi* Felt.

MEXICO (2), CA, MN, NM (1).

Anarete sp. On *Prosopis alba* (2).

1. Stone et al. 1965:246. 2. TTU.

ARGENTINA (2).

Asphondylia prosopidis Ckll., 1898:329. On *Prosopis glandulosa*, mesquite (2).

1. Stone et al. 1965:269. 2. Bogusch 1950:528.
3. TTU.

NM (1, 3), TX (1), TX[RP] (2).

Contarinia spp. On mesquite—infests buds (2).

1. Stone et al. 1965:277. 2. C. E. Rogers, pers. comm.

TX[RP] (2).

Ceratopogonidae

Culicoides variipennis occidentalis Wirth and Jones, 1957:21. On mesquite (2).

1. Stone et al. 1965:132. 2. TTU.

CANADA (1), MEXICO (1, 2), ID, OR, WA to AZ, CA (1).

Chamaemyiidae

Leucopis spp. On mesquite (2).

1. Stone et al. 1965:708. 2. TTU.

MEXICO, AZ, NM, TX[TP] (2).

Chloropidae

Conioscinella sp. On *Prosopis nigra*, *P.* sp. (2).

1. Stone et al. 1965:783. 2. TTU.

ARGENTINA (2).

Conioscinella nuda (Ad.), 1905:110. On mesquite (2).

1. Stone et al. 1965:784. 2. TTU.

SYN: *Oscinis nuda* Ad.; *O. frontalis* Tuck., 1908:273.

MEXICO, SOUTHERN UNITED STATES from AZ to KS and MD, south to FL and TX (1), TX[STP] (2).

Ectecephala sp. On mesquite (2).

1. Stone et al. 1965:791. 2. TTU.

MEXICO (2).

Elachiptera sacculicornis (End.), On *Prosopis nigra*, *P.* sp. (2).

1. Stone et al. 1965:776. 2. TTU.

ARGENTINA (2).

Hippelates collusor (Tns.), 1895:619. On mesquite (2).

1. Stone et al. 1965:775. 2. TTU.

SYN: *Oscinis collusor* Tns.

MEXICO (1, 2), AZ, CA, NY (1).

Hippelates dissidens (Tuck.), 1908:274. On mesquite (2).

1. Stone et al. 1965:775. 2. TTU.

SYN: *Oscinis dissidens* Tuck.; *Hippelates texanus* Malloch, 1913:251.

MEXICO (1, 2), UNITED STATES from IA to MI and NY, south to AZ and FL (1).

Hippelates impressus Beck., 1912:92. On mesquite (2).

1. Stone et al. 1965:775. 2. TTU.

MEXICO (1, 2), AZ, CO, NM, TX (1).

Hippelates robertsoni Sabr., 1941:26. On mesquite (2).

1. Stone et al. 1965:776. 2. TTU.

MEXICO (1, 2), CA and OR to OK, south to MEXICO and GUATEMALA? (1).

Olella spp. On *Prosopis* spp.—dwarf (2).

1. Stone et al. 1965:784. 2. TTU.

ARGENTINA, MEXICO (2).

Oscinella sp. near *coxendix* (Fitch). On *Prosopis laevigata* (2).

1. Stone et al. 1965:779. 2. TTU.

MEXICO (2).

Oscinella spp. On *Prosopis laevigata*, *P. nigra*, mesquite (2).

1. Stone et al. 1965:779. 2. TTU.

ARGENTINA, MEXICO (2).

Oscinella coxendix (Fitch), 1856:533. On *Prosopis glandulosa*, mesquite—reared from girdled branches of *P. glandulosa* (2).

1. Stone et al. 1965:779. 2. TTU.

SYN: *Oscinis coxendix* Fitch; *Oscinella pullicornis* Sabr., 1936:721.

CANADA (1), MEXICO (1, 2), UNITED STATES (1), TX[RP] (2).

Parectecephala maculosa (Loew), 1872:111. On mesquite (2).

1. Stone et al. 1965:792. 2. TTU.

SYN: *Chlorops maculosa* Loew.

AZ, KS (1), NM (1, 2), TX (1).

Thaumatomyia sp. On mesquite (2).

1. Stone et al. 1965:787. 2. TTU.

NM (2).

Thaumatomyia appropinqua (Ad.), 1903:39. On mesquite (2).

1. Stone et al. 1965:787. 2. TTU.

SYN: *Chlorops appropinqua* Ad.

WA to SASKATCHEWAN and ND, south to CA, TX and MEXICO, CO, KS (1), NM (2).

Dolichopodidae

Medctera sp. On mesquite (2).

1. Stone et al. 1965:509. 2. TTU.

TX[EP, RP] (2).

Thrypticus sp. On *Prosopis* (2).

1. Stone et al. 1965:511. 2. TTU.

ARGENTINA (2).

Empididae

Drapetis sp. On *Prosopis laevigata*, mesquite (2).

1. Stone et al. 1965:477. 2. TTU.

MEXICO (2).

Ephydriidae

Discocerina obscurella (Fallén), 1813:251. On mesquite (2).

1. Stone et al. 1965:738. 2. TTU.

SYN: *Notiphila obscurella* Fallén; *Discocerina parva* Loew, 1862:146; *D. nigriventris* Cr., 1916:148.

NEOTROPICS, EUROPE, ENTIRE UNITED STATES and CANADA (1), MEXICO (2).

Paralimna punctipennis (Wiedemann), 1830:590. On *Prosopis alba*, *P.* sp. (2).

1. Stone et al. 1965:748. 2. TTU.

SYN: *Notiphila punctipennis* Wiedemann; *Paralimna appendiculata* Loew, 1862:138.

ARGENTINA (2), MN, NY, SD, south to CA, FL (1).

Lonchaeidae

Lonchaea spp. On *Prosopis*, mesquite (2).

1. Stone et al. 1965:717. 2. TTU.

MEXICO (2).

Micropezidae

Micropeza nigricornis Wulp. On mesquite (2).

1. Stone et al. 1965:634. 2. TTU.

MEXICO (2).

Micropeza ventralis Cr., 1930:356. On mesquite (2).

1. Stone et al. 1965:634. 2. TTU.

MEXICO (1, 2), AZ (1).

Milichiidae

Desmometopa tarsalis Loew, 1866:184. On *Prosopis luccigata* (2).

1. Stone et al. 1965:731. 2. TTU.

CUBA (1), MEXICO (2), PANAMA, WEST INDIES, MI to DC, south to FL, CA, NE (1).

Meoneura polita Sabr., 1959:20. On mesquite (2).

1. Stone et al. 1965:729. 2. TTU.

MEXICO (1, 2), CA and TX, north to WA, ID (1).

Milichiella lacteipennis (Loew), 1866:185. On mesquite (2).

1. Stone et al. 1965:733. 2. TTU.

SYN: *Lobioptera lacteipennis* Loew; *Milichiella nigrella* Cole, 1912:162.

AFRICA, ORIENTAL and AUSTRALIAN REGIONS, NORTH AMERICA south to CHILE and ARGENTINA, BERMUDA, CANARY and MADERINA ISLANDS, CUBA (1), MEXICO (2), WEST INDIES (1).

Muscidae

Musca domestica L., 1758:596. On mesquite (2).

1. Stone et al. 1965:913. 2. TTU.

SYN: *Musca vicina* Macquart, 1851:226; *M. contigua* Walk., 1852:344; *M. harpyia* Harris, 1869:335; *M. flavipennis* Bigot, 1887:clxxxi; *M. cortina* authors, not Fabr.

COSMOPOLITAN (1), MEXICO (2).

Mycetophilidae

Leia sp. On mesquite (2).

1. Stone et al. 1965:227. 2. TTU.

MEXICO (2).

Neriidae

Odontoloxozus longicornis (Coq.), 1904:188. On mesquite (2).

1. Stone et al. 1965:637. 2. TTU.

SYN: *Nerius longicornis* Coq.; *Odontoloxozus punctulatus* Enderlein, 1922:158.

COSTA RICA, MEXICO, AZ, CA, TX (1), TX|STP| (2).

Otitidae

Diacrita costalis Gerstäcker, 1860:197. On mesquite (2).

1. Stone et al. 1965:644. 2. TTU.

SYN: *D. aemula* Loew, 1873:114.

MEXICO, CA to TX (1), TX|STP| (2).

Euxesta pechumani Curran, 1938:4. On mesquite (2).

1. Stone et al. 1965:652. 2. TTU.

MI to NY south to AZ and FL (1), TX|HP| (2).

Notogramma purpuratum Cole, 1923:474. On mesquite (2).

1. Stone et al. 1965:646. 2. TTU.

CUBA, GUATEMALA, JAMAICA (1), MEXICO (1, 2), CA to CO and TX (1).

Physiphora aenea (Fabr.), 1794:335. On mesquite (2).

1. Stone et al. 1965:653. 2. TTU.

SYN: *Musca aenea* Fabr.

ASIA, SOUTH AMERICA, AUSTRALIA (1), MEXICO (1, 2), AL, CA, GA, LA, MI (1).

Phoridae

Phora sp. On mesquite (2).

1. Stone et al. 1965:536. 2. TTU.

MEXICO (2).

Pipunculidae

Pipunculus sp. On mesquite (2).

1. Stone et al. 1965:551. 2. TTU.

TX|TP| (2).

Platystomatidae

Senopterina caerulescens Loew, 1873:97. On mesquite (2).

1. Stone et al. 1965:657. 2. TTU.

TX (1), TX|RP| (2).

Richardiidae

Coniceps niger Loew, 1873:178. On mesquite (2).

1. Stone et al. 1965:642. 2. TTU.
KS, SD, TX (1), TX[GP] (2).

Sarcophagidae

Amobia floridensis (Tns.), 1892:80. On *Prosopis*, mesquite (2).

1. Stone et al. 1965:934. 2. TTU.

SYN: *Pachyophthalmus floridensis* Tns.; *Sarcocomacronychia trypanoxylonis* Tns., 1893:165.

NORTH AMERICA except New England States (1), MEXICO (2).

Helicobia rapax (Walk.), 1849:818. On *Prosopis laevigata* (2).

1. Stone et al. 1965:949. 2. TTU.

SYN: *Sarcophaga rapax* Walk.; *S. helicis* Tns., 1892:220.

NORTH AMERICA (1), MEXICO (1, 2).

Ravinia derelicta (Walk.), 1852:322. On *Prosopis laevigata*, mesquite (2).

1. Stone et al. 1965:954. 2. TTU.

SYN: *Sarcophaga derelicta* Walk.; *Helicobia quadrisetosa* Coq., 1901:17.

CANADA (1), MEXICO (1, 2), EASTERN UNITED STATES (1), NM (2).

Ravinia latisetosa Parker, 1914:63. On *Prosopis glandulosa*, *P.* sp. (2).

1. Stone et al. 1965:954. 2. TTU.

CANADA, EASTERN UNITED STATES from MA south to NY and FL (1), TX[RP] (2).

Sarcophaga spp. On *Prosopis alba*, *P. nigra*, *P.* sp. (2).

1. Stone et al. 1965:956. 2. TTU.

ARGENTINA (2).

Scenopinidae

Scenopinus sp. *velutinus* group. On mesquite (2).

1. Stone et al. 1965:355. 2. TTU.

MEXICO, NM (2).

Sciaridae

Bradysia sp. On *Prosopis nigra* (2).

1. Stone et al. 1965:232. 2. TTU.

ARGENTINA (2).

Eugnoriste sp. On *Prosopis* (2).

1. Stone et al. 1965:231. 2. TTU.

TX [RP] (2).

Sepsidae

Palaeosepsis pusio (Schiner), 1868:262. On mesquite (2).

1. Stone et al. 1965:682. 2. TTU.

SYN: *Sepsis pusio* Schiner; *S. insularis* Wiliston, 1896:431.

CENTRAL AMERICA and WEST INDIES,
SOUTH AMERICA, FL, TX (1), TX[STP] (2).

Stratiomyidae

Hoplitimyia constans (Loew), 1872:55. On *Prosopis glandulosa* blooms (2).

1. Stone et al. 1965:313. 2. TTU.

SYN: *Stratiomys constans* Loew.

AR to AZ, IN and KS, TX (1), TX[HP] (2).

Syrphidae

Allograpta obliqua (Say), 1823:89. On mesquite (2).

1. Stone et al. 1965:569. 2. TTU.

SYN: *Scaeva obliqua* Say; *Syrphus securiferus* Macquart, 1842:160; *Sphaerophoria bacchides* Walk., 1849:594; *Syrphus dimensus* Walk., 1852:235; *S. signatus* Wulp, 1867:144.

NEOTROPICS, BERMUDA (1), MEXICO (2), WA to QUEBEC, south to CA and FL, HI (1).

Eristalis latifrons Loew, 1866:169. On *Prosopis glandulosa*, mesquite (2).

1. Stone et al. 1965:624. 2. TTU.

SYN: *Eristalis stipator* Osten Sacken, 1877:336; *E. maculipennis* Tns., 1897:93.

MEXICO, BRITISH COLUMBIA to NOVA SCOTIA, south to CA, FL (1), TX[HP] (2).

Helophilus latifrons Loew, 1863:313. On *Prosopis glandulosa* blooms (2).

1. Stone et al. 1965:618. 2. TTU.

SYN: *Helophilus trivittatus* authors, not Fabr. MEXICO, ALASKA to LABRADOR, south to CA, NE, and FL (1), TX[HP] (2).

Syrphus sp. On mesquite (2).

1. Stone et al. 1965:558. 2. TTU.

TX[HP] (2).

Tabanidae

Silvius pollinosus pollinosus Will., 1880:244. On *Prosopis glandulosa*, *P.* sp. (2).

1. Stone et al. 1965:323. 2. TTU.

KS, SD to CA, TX (1), TX[RP] (2).

Tachinidae

Archytas apicifer (Walk.), 1849:718. On *Prosopis glandulosa* blooms (2).

1. Stone et al. 1965:999. 2. TTU.

SYN: *Tachina apicifer* Walk.; *Archytas vulgaris* Curran, 1928:204; *A. analis* authors in part, not Fabr.; *A. basifulvus* authors, not Fabr. NORTH AMERICA (1), TX[HP, RP] (2).

Epiplagiops littoralis Blanch., 1943:451. On *Prosopis* sp.—dwarf (2).

1. Stone et al. 1965:1053. 2. TTU.
ARGENTINA (1, 2), URUGUAY, introd. CA
but not established (1).
Eucelatoria sp. On *Prosopis laevigata* (2).
1. Stone et al. 1965:1043. 2. TTU.
MEXICO (2).
Hyalomya aldrichii Tns., 1891:136. On mes-
quite (2)
1. Stone et al. 1965:968. 2. TTU.
SYN: *Hyalomya celer* Tns., 1895:65; *Phoran-
tha pruinosa* Robertson, 1901:285; *Phasia cara*
West, 1925:123.
NORTH AMERICA (1), NM (2).
Paradidyma sp. On mesquite (2).
1. Stone et al. 1965:1032. 2. TTU.
MEXICO (2).
Promasiphya sp. On mesquite (2).
1. Stone et al. 1965:1091. 2. TTU.
TX[GP] (2).
Schizactia sp. On mesquite (2).
1. Stone et al. 1965:1066. 2. TTU.
MEXICO (2).

Tephritidae

- Euaesta stigmatica* Coq., 1902:180. On mes-
quite (2).
1. Stone et al. 1965:665. 2. TTU.
MEXICO (2), MT to MI, south to CA and TX
(1).
Tomoplagia heringi Aczel. On *Prosopis nigra* (1).
1. TTU.
ARGENTINA (1).
Trupanea mevarna (Walk.), 1849:1023. On *Pro-
sopis* (2).
1. Stone et al. 1965:667. 2. TTU—specimens
in TTU collection identified as *Trupanea daphne*
were collected in Argentina on *Prosopis* sp.
SYN: *Trypeta mevarna* Walk.; *Trupanea ma-
varna*, error; *Trypeta solaris* Loew, 1862:84;
Trupanea daphne, authors, not Wiedemann.
RI to AL and FL, KS (1).

HEMIPTERA

Anthocoridae

- Anthocoris albiger* Reuter, 1884:70. On *Proso-
pis laevigata*, *P. sp.*, mesquite (2).
1. Van Duzee 1917:293. 2. TTU.
MEXICO (1, 2), NM (1), TX[HP] (2).
Anthocoris sordidus (Reuter). On mesquite (1).
1. TTU.
MEXICO (1).
Orius tristicolor (White), 1879:144. On *Prosopis*

glandulosa blooms, *P. sp.* (3); mesquite blooms—
presumed to feed on thrips (2).

1. Van Duzee 1917:294. 2. F. G. Werner, pers.
comm. 3. TTU. 4. UCR.

SYN: *Triphleps tristicolor* White.

MEXICO (3), AZ, CA (1, 2, 4), CO, ID, ME,
NM, NY (1), OR (4), TX, UT (1), WA (1, 4),
TX[HP] (3).

Berytidae

- Jalysus spinosus* (Say), 1824:28. On *Prosopis
glandulosa* (3); mesquite—a stray (2).
1. Van Duzee 1917:145. 2. F. G. Werner, pers.
comm. 3. TTU.
SYN: *Berytus spinosus* Say; *Neides spinosus*
(Say).
WIDESPREAD EASTERN CANADA (1), AZ
(2), CO, DC, FL, GA, IL, KS, ME, MI, NC, NE,
NJ, NY, OH, PA, TX, WI (1), TX [HP] (3).
Pronotacantha annulata Uhler, 1893:260. On
mesquite—a stray (2).
1. Van Duzee 1917:146. 2. F. G. Werner, pers.
comm.
AZ (1, 2), CA (1).

Coreidae

- Acanthocephala femorata* (Fabr.), 1775:708. On
mesquite (2).
1. Van Duzee 1917:86. 2. TTU.
SYN: *Cimex femorata* Fabr.; *Lygaeus femorata*
(Fabr.); *Rhinuchus nasulus* Say, 1832:10; *Met-
apodius bispinus* Westwood, 1842:15; *M. ob-
scurus* Westwood, 1842:15; *M. femorata* (Fabr.).
MEXICO (2), FL, GA, LA, NC, OK, SC, TX
(1), TX[HP, PO] (2).
Aufeius impressicollis Stål, 1870:222. On mes-
quite (2).
1. Van Duzee 1917:118. 2. TTU.
SYN: *Aufeius propinquus* Distant, 1881:168.
MEXICO (1, 2), AZ, CA, CO, DAK, KS, TX
(1), TX[HP, STP] (2).
Harmostes imitabilis. On *Prosopis* sp. (2).
1. Van Duzee 1917:117. 2. TTU.
ARGENTINA (2).
Kleidocerys virescens (Fabr.). On mesquite (2).
1. Van Duzee 1917:120. 2. TTU.
MEXICO (2).
Leptoglossus phyloppus (L.), 1767:731. On mes-
quite (2).
1. Van Duzee 1917:88. 2. TTU.
SYN: *Cimex phyloppus* L.; *Lygaeus phyloppus*
(L.); *Anisocoles albicinctus* Say, 1832:12; *A.
fraterna* Westwood, 1842:16; *A. confusa* Dallas,

1852:453; *Theognis phyloppus* (L.).

NEOTROPICAL (1), ARGENTINA (2), AZ, FL, LA, MO, NC, NY, OK, TX, VA (1).

Mozena spp. On *Prosopis chilensis* (3); mesquite—not very damaging (2).

1. Van Duzee 1917:93. 2. F. G. Werner, pers. comm. 3. UCR.

AZ (2), CA (3).

Mozena arizonensis Ruckes. On *Prosopis glandulosa*, *P. juliflora* (1), mesquite (2).

1. J. C. Schaffner, pers. comm. 2. TTU.

MEXICO (1, 2), AZ, CA, NM, TX?, UT (1).

Mozena lineolata (Herrich-Schaeffer), 1842:25. On mesquite (2, 3).

1. Van Duzee 1917:93. 2. R. F. Wilkey, pers. comm. 3. TTU.

SYN: *Archimerus lineolata* Herrich-Schaeffer. MEXICO, AZ (1, 3), CA (1, 2).

Mozena lunata (Burmeister), 1835:322. On *Prosopis glandulosa* (2); mesquite (3); *Acacia farnesiana*, *A. rigidula* (2).

1. Van Duzee 1917:93. 2. J. C. Schaffner, pers. comm. 3. TTU.

SYN: *Archimerus lunata* Burmeister.

COLOMBIA, GUATEMALA, HONDURAS (2), MEXICO (1, 2, 3), AZ, NM, TX (1), TX[GP] (2, 3).

Mozena obtusa Uhler, 1876:296. On *Prosopis glandulosa* blooms and leaves, *P. laevigata*, *P.* sp. —considerably reduces seed production, attacks cotton (4); mesquite—destroys tender growth (2); removes juice from bean pods (3).

1. Van Duzee 1917:93. 2. J. C. Schaffner, pers. comm. 3. TAMU. 4. TTU.

MEXICO (2, 4), AZ, KS (2), NM (1, 2), OK (2), TX (1, 2), TX[EP] (3), HP, RP, STP, TP (4).

Niesthrea louisianica. On *Prosopis glandulosa* blooms (2).

1. Van Duzee 1917:123. 2. TTU.

TX[HP] (2).

Pachylis argentinus Berg. On *Prosopis* (1).

1. I. de Crouzel, pers. comm.

ARGENTINA (1).

Thasus gigas (Burmeister), 1835:338. On mesquite (2, 3)—causes severe damage to new growth, reduces seed production (3); no damage in AZ (2).

1. Van Duzee 1917:92. 2. F. G. Werner, pers. comm. 3. TTU.

SYN: *Pachylis gigas* Burmeister.

MEXICO (1, 3), AZ (1, 2), NM (1).

Cydnidae

Melanaethus subglaber (Walker), 1867:150. On mesquite—under dead mesquite (3).

1. Van Duzee 1917:22. 2. Froeschner 1960:438. 3. TTU.

SYN: *Aethus subglaber* Walker, *Melanaethus elongatus* Uhler, 1876:280; *Geotomus parvulus* Signoret, 1883:208.

EQUADOR (2), MEXICO, AZ, CA, NM, NV, TX, UT (1, 2), TX[HP] (3).

Microporus obliquus Uhler, 1872:394. On mesquite—under dead mesquite (3).

1. Van Duzee 1917:20. 2. Froeschner 1960:402. 3. TTU.

SYN: *Microporus mexicanus* Distant, 1880:8; *Cydnus mexicanus* Signoret, 1882:241; *C. obliquus* (Uhler); *Aethus obliquus* (Uhler).

MEXICO (2), AZ, CA, CO (1, 2), ID, IL, KS, LA, MO (2), NE (1, 2), NM (2), NY (1), OK (2), OR (1, 2), SC, SD (2), TX, UT (1, 2), VA, WA (2), TX[HP] (3).

Pangaeus congruus (Uhler), 1877:377. On mesquite—under dead mesquite (3).

1. Van Duzee 1917:19. 2. Froeschner 1960:467. 3. TTU.

SYN: *Homaloporus congruus* Uhler; *H. pangaeiformis* Signoret, 1881:331; *Aethus ferrugineus* Signoret, 1882:40; *Cydnus ferrugineus* (Signoret).

MEXICO, AZ, CA (2), CO (1, 2), KS (2), NE (1), NM, UT (2), TX (1), TX[HP] (3).

Largidae

Largus sp. On mesquite (2).

1. Van Duzee 1917:201. 2. F. G. Werner, pers. comm.

AZ (2).

Largus cinctus Herrich-Schaeffer, 1844:6. On *Prosopis glandulosa*, mesquite (2).

1. Van Duzee 1917:202. 2. TTU.

SYN: *Largus varians* Stål, 1870:94; *Capsus succinctus* var. *a* Say, 1832:20; *Euryophthalmus cinctus* (Herrich-Schaeffer).

NEOTROPICAL (1), MEXICO (1, 2), AZ, CA, CO, NM, NV, OR, TX (1), TX[TP] (2).

Largus convivus Stål, 1861:196. On *Prosopis glandulosa*, mesquite (2).

1. Van Duzee 1917:203. 2. TTU.

SYN: *Largus obtusus* Walker, 1873:33; *L. succinctus* Osborn, 1893:120; *Stiretrus anchorago* Kirkaldy, 1910:124; *Largus cinctus* Van D., 1914:11; *Euryophthalmus convivus* (Stål).

MEXICO (1, 2), CA, TX (1), TX[RP, TP] (2).

Lygaeidae

Craspeduchus uhleri (Stål), 1874:109. On mesquite (2).

1. Van Duzee 1917:153. 2. TTU.

SYN: *Lygaeus uhleri* Stål.

NEOTROPICAL (1), MEXICO (1, 2), TX (1), TX[STP] (2).

Exptochiamera sp. On mesquite (1).

1. TTU.

MEXICO (1).

Geocoris sp. On mesquite—predaceous on other arthropods (2).

1. Van Duzee 1917:169. 2. F. G. Werner, pers. comm.

AZ (2).

Lygaeus sp. On mesquite—obviously strays (3); most North American species found on *Asclepias* (2).

1. Van Duzee 1917:149. 2. P. D. Ashlock, pers. comm. 3. F. G. Werner, pers. comm.

AZ (3).

Lygaeus alboornatus Blanchard, 1852:143. On *Prosopis*—seed feeder (2).

1. Slater 1964. 2. TTU.

ARGENTINA (2), BOLIVIA, BRAZIL, CHILE, PARAGUAY, PERU, URUGUAY (1).

Neacoryphus circumlitus (Stal), 1862:309. On mesquite (2).

1. Van Duzee 1917:155. 2. TTU.

SYN: *Lygaeus circumlitus* Stal.

NEOTROPICAL (1), MEXICO (1, 2), AZ, CO (1), TX[BP, HP, RP] (2).

Neacoryphus lateralis (Dallas), 1852:550. On mesquite (2).

1. Van Duzee 1917:155. 2. TTU.

SYN: *Lygaeus lateralis* Dallas.

MEXICO (2), AZ, CA, CO, TX (1).

Nysius sp. On *Prosopis* (3, 4)—most have broad host range (2); probably strays (4).

1. Van Duzee 1917:158. 2. Barber 1947:354.

3. P. D. Ashlock, pers. comm. 4. F. D. Werner, pers. comm.

AZ (4).

Nysius raphanus Howard, 1872:219. On mesquite (3).

1. Van Duzee 1917:159. 2. Barber 1947:360.

3. TTU.

SYN: *Nysius destructor* Riley, 1973:113; *N. strigosus* Uhler, 1894:238; *N. minutus* Uhler, 1895:22.

MEXICO (1, 2, 3), SOUTHERN UNITED

STATES, VA to FL west to SOUTHERN CA (2), NM, TX (1, 2, 3), TX [EP, GP, HP, RP, TP] (2).

Nysius tenellus Barber, 1947:361. On *Prosopis glandulosa* blooms (2); *Artemisia*, *Beta*, *Chrysothamnus*, *Erigeron*, *Eupatorium adenophorum*, *Helianthus*, *Parthenium*, *Pluchea*, *Poa*, and a wide range of other plants including alfalfa and sugar beets (1).

1. Barber 1947:361. 2. TTU.

SYN: *Nysius senecionis* Baker, 1906:135; *N. strigosus* Horvath, 1908:558.

WIDESPREAD UNITED STATES and CENTRAL AMERICA, CO, FL, NV, OR, TX, UT, WA (1), TX[RP] (2).

Miridae

Corticoris sp. On *Prosopis* (1).

1. TTU.

MEXICO (1).

Deraeocoris sp. On *Prosopis alba* (3); all members of genus predators (2).

1. Van Duzee 1917:356. 2. P. D. Ashlock, pers. comm. 3. TTU.

ARGENTINA (3).

Eustictus catulum (Uhler), 1894:257. On mesquite (2).

1. Van Duzee 1917:352. 2. TTU.

SYN: *Megacoelum catulum* Uhler; *Eustictus catulum* Reuter, 1909:86; *Cimatlan catulum* (Uhler).

MEXICO (2), KS, NY, TX (1), TX[HP] (2).

Eustictus necopinus Knight. On mesquite (1).

1. TTU.

MEXICO (1).

Haarupia sp. On *Prosopis caldenia* (1).

1. TTU.

ARGENTINA (1).

Haarupia spinosa Poppius, 1921:41. On *Prosopis caldenia*, *P. nigra* (1).

1. TTU.

ARGENTINA (1).

Lygus lineolaris (Palisot de Beauvois), 1805:187. On mesquite (2, 3)—wide host range including many crops (3).

1. Van Duzee 1917:346. 2. F. G. Werner, pers. comm. 3. TTU.

SYN: *Capsus lineolaris* Palisot de Beauvois.

AZ (2), TX [HP, STP, TP] (3).

Neurocolpus arizonae Knight, 1934:165. On *Prosopis glandulosa* blooms (2); *P. juliflora* (4); mesquite blooms (1, 2); a pest of cotton in MS (3).

1. TAMU. 2. TTU. 3. UAT. 4. UCR.

AZ (1, 3, 4), TX (1), TX[HP] (2), RP (1, 2).
Neurocolpus mexicanus Distant, 1883:262. On mesquite - associated with flower buds and blooms; palo verde blossoms (2).

1. Van Duzee 1917:315. 2. F. G. Werner, pers. comm.

AZ (1, 2), NM (1).

Novus spp. On *Prosopis caldenia*, *P. nigra* (1).

1. TTU.

ARGENTINA (1).

Orectoderus obliquus Uhler, 1876:320. On mesquite (2).

1. Van Duzee 1917:368. 2. TTU.

CANADA (1), MEXICO (2), CO, ME, NJ, NY (1).

Orthotylus sp. On *Prosopis alba*, *P. caldenia*, *P. nigra* (2).

1. Van Duzee 1917:390. 2. TTU.

ARGENTINA (2).

Orthotylus translucens Tucker, 1907:58. On *Prosopis glandulosa*, *P. velutina*, *P. sp.*—feeds on new leaves (2).

1. Van Duzee 1917:393. 2. Jones 1932:136.

AZ (2), CO, NY (1).

Phymatopsallus prosopidis Knight. On *Prosopis glandulosa*, *P. laevigata*, mesquite (1).

1. TTU.

MEXICO (1).

Phytocoris spp. On *Prosopis caldenia*, *P. nigra*, *P. rubriflora*, *P. sp.*, mesquite (2).

1. Van Duzee 1917:315. 2. TTU.

ARGENTINA, MEXICO (2).

Platytylillus fraternus? Knight. On mesquite (2).

1. Van Duzee 1917:309. 2. TTU.

MEXICO (2).

Psallus sp. On mesquite (2).

1. Van Duzee 1917:406. 2. UAT.

AZ (2).

Reuteroscopus ornatus (Reuter), 1876:90. On mesquite (2).

1. Van Duzee 1917:405. 2. TTU.

SYN: *Episcopus ornatus* Reuter.

MEXICO (2), WEST INDIES, CO, FL, IA, KS, NJ, NY, OH, ONTARIO, TX (1).

Rhinocloa sp. On mesquite—probably not important host (2).

1. Van Duzee 1917:405. 2. F. G. Werner, pers. comm.

AZ (2).

Rhinocloa forticornis Reuter, 1876:89. On *Prosopis glandulosa*—occurs on blooms (2); broad host range including crops (2, 3).

1. Van Duzee 1917:419. 2. TTU. 3. UCR.

WIDESPREAD SOUTH AMERICA (1), AZ (3), CA (1, 3), FL, IL, MO, MS, NJ (3), NM (1, 3), PA (1), TX (3), UT (1, 3), TX [RP] (2).

Spanagonicus albofasciatus (Reuter), 1876:81. On *Prosopis*—broad host range including crops (3); mesquite—probably a stray (2).

1. Van Duzee 1917:367. 2. F. G. Werner, pers. comm. 3. TTU.

SYN: *Cryptopeltocoris albofasciatus* Reuter.

AZ (2), CO, TX (1), TX[HP] (3).

Nabidae

Nabis alternatus Parshley. On *Prosopis* (3); mesquite (2); predator (2, 3).

1. Van Duzee 1917:276. 2. F. G. Werner, pers. comm. 3. TTU.

AZ (2), TX[RP] (3).

Pentatomidae

Acedra sp. On *Prosopis*—on regrowth after burning (1).

1. TTU.

ARGENTINA (1).

Acrosternum hilaris (Say), 1832:9. On *Prosopis* (2, 4); general feeder including crops (2, 3, 4).

1. Van Duzee 1917:60. 2. Essig 1934:341. 3. D. B. Thomas, pers. comm. 4. TTU.

SYN: *Pentatoma hilaris* Say; *Rhaphigaster sarpinus* Dallas, 1851:276; *R. pennsylvanicus* Fitch, 1856:389; *R. hilaris* (Say); *Nezara hilaris* (Say).

MEXICO (4), AZ, CA, CO, DC, FL, IA, KS, LA, MA, MD, ME, NC, NE, NJ, NY, ONTARIO, PA, QUEBEC, TX, UT, VA (1), TX[HP, RP] (4).

Brochymena sp. On mesquite (2, 3)—feeds on limbs, also on *Baccharis sarothroides* (2).

1. Van Duzee 1917:29. 2. F. G. Werner, pers. comm. 3. TTU.

MEXICO (3), AZ (2), NM, TX [STP] (3).

Brochymena arborea (Say), 1825:311. On *Prosopis* (2).

1. Van Duzee 1917:30. 2. TTU.

SYN: *Pentatoma arborea* Say; *Halys erosa* Herrich-Schaeffer, 1839:70; *Brochymena annulata* Walker, 1867:230.

MEXICO, DC, FL, GA, KS, MA, MD, ME, NC, NM, NY, OH, OK, ONTARIO, PA, TX (1), TX[HP] (2).

Brochymena cariosa Stål, 1872:17. On *Prosopis glandulosa* (2).

1. Van Duzee 1917:31. 2. TTU.

AR, FL, LA, MS, TN, TX (1), TX [RP, STP] (2).

Brochymena parva (Ruckes). On *Prosopis glandu-*

- losa* (1, 2).
1. D. B. Thomas, pers. comm. 2. TTU.
MEXICO, AZ, CA (1), TX [STP] (2).
- Brochymena quadripustulata* (Fabr.), 1775:704.
On *Prosopis glandulosa* (2).
1. Van Duzee 1917:30. 2. TTU.
SYN: *Cimex 4-pustulata* Fabr.; *Halys 4-pustulata* (Fabr.); *H. serrata* Palisot de Beauvois, 1805:187; *H. pupillata* Herrich-Schaeffer, 1839:104; *Brochymena annulata* Uhler, 1876:283; *B. 4-pustulata* (Fabr.).
AZ, CA, CO, DC, KS, NC, NE, NJ, NY, OH, ONTARIO, PA, QUEBEC, UT (1), TX [HP] (2).
- Chlorochroa ligata* (Say), 1831:5. On *Prosopis glandulosa* - wide host range including crops (3); mesquite (2, 3).
1. Van Duzee 1917:36. 2. TAMU. 3. TTU.
SYN: *Pentatoma ligata* Say; *Cimex rufocinctus* Herrich-Schaeffer, 1839:94; *Rhaphigaster marginatus* Dallas, 1851:277; *Cimex rubromarginatus* Kouchakevitch, 1867:101; *Lioderma ligata* (Say).
MEXICO (1, 2, 3), AZ, BRITISH COLUMBIA, CA, CO, UT (1), TX [HP (3), TP (2)].
- Chlorochroa sayi* Stål, 1872:33. On *Prosopis glandulosa* (2); mesquite seeds (2, 3); wide host range including crops (3).
1. Van Duzee 1917:36. 2. F. G. Werner, pers. comm. 3. TTU.
SYN: *Pentatoma granulosa* Uhler, 1872:398; *P. sayi* (Stål); *Lioderma sayi* (Stål).
MEXICO (3), AZ (1, 2), CA, CO, ID, KS, MT, NV, UT (1), TX [HP, RP, TP] (3).
- Lobepomis peltifera* Berg. On *Prosopis nigra* (1).
1. TTU.
ARGENTINA (1).
- Murgantia histrionica* (Hahn), 1834:116. On *Prosopis glandulosa* - mesquite pods, wide host range including many crops (2).
1. Van Duzee 1917:55. 2. TTU.
SYN: *Strachia histrionica* Hahn; *Eurydema histrionica* (Hahn); *Murgantia nigricans* Ckll., 1903:85.
AZ, CA, CO, DC, DE, FL, GA, IL, KS, LA, MD, MO, NC, NE, NJ, NM, NV, NY, OH, PA, TX (1), TX[HP] (2).
- Oebalus pugnax* (Fabr.), 1775:704. On *Prosopis glandulosa* (2).
1. Van Duzee 1917:39. 2. TTU.
SYN: *Cimex pugnax* Fabr.; *C. typhoeus* Fabr., 1803:162; *Penetatoma orthocantha* Palisot de Beauvois, 1805:130; *P. augur* Say, 1831:3; *Cimex vitripennis* Burmeister, 1835:367.
- ARGENTINA, MEXICO, WEST INDIES, AZ, CO, DC, FL, GA, IA, KS, MD, MO, NC, NE, NJ, NY, OH, PA, SC, TX (1), TX[STP] (2).
- Peribalus abbreviatus* (Uhler), 1872:397. On mesquite (2, 3).
1. Van Duzee 1917:32. 2. D. B. Thomas, pers. comm. 3. UCR.
SYN: *Holcostethus abbreviatus* Uhler.
MEXICO, AZ (1), CA (1, 3), CO, KS, MT, NB, UT (1).
- Podisus* sp. On *Prosopis nigra*, *P. sp.* (2).
1. Van Duzee 1917:78. 2. TTU.
ARGENTINA (2).
- Podisus acutissimus* Stål, 1870:53. On *Prosopis glandulosa*, *P. nigra*, *P. sp.* (3); mesquite (2, 3); predator (2).
1. Van Duzee 1917:81. 2. F. G. Werner, pers. comm. 3. TTU.
SYN: *Tylospilus acutissimus* Uhler, 1876:283.
ARGENTINA (3), MEXICO (1), AZ (1, 2), CO, TX (1), TX[HP, RP, STP, TP] (3).
- Podisus lineolatus* (Herrich-Schaeffer), 1839:69. On *Prosopis glandulosa* (2).
1. Van Duzee 1917:76. 2. TTU.
SYN: *Halys lineolatus* Herrich-Schaeffer; *Apateticus halys* Dallas, 1851:105; *Podisus punctipennis* Herrich-Schaeffer, 1853:388; *Apateticus lineolatus* (Herrich-Schaeffer).
NEOTROPICAL, FL, TX (1), TX[EP] (2).
- Rhytidolomia osborni* (Van Duzee), 1904:37. On *Prosopis glandulosa* (2).
1. Van Duzee 1917:35. 2. TTU.
SYN: *Pentatoma osborni* Van Duzee.
AZ, CO, TX (1), TX[RP] (2).
- Thyanta accerra* McAtee. On *Prosopis glandulosa*, mesquite (2).
1. Van Duzee 1917:51. 2. TTU.
TX[HP, TP] (2).
- Thyanta aeruginosa* Berg. On *Prosopis nigra* (2).
1. Van Duzee 1917:51. 2. TTU.
ARGENTINA (2).
- Thyanta elegantula* JH. On mesquite (2).
1. Van Duzee 1917:51. 2. TTU.
ARGENTINA (2).
- Thyanta pallido-virens spinosa* (Stål), 1859:227. On *Prosopis* - probably on developing seeds; a common crop pest (2).
1. Van Duzee 1917:52. 2. F. G. Werner, pers. comm.
SYN: *Pentatoma pallido-virens* Stål; *Thyanta custator* Kirkaldy, 1909:94 (in part).
AZ (2), CA (1).

Phymatidae

Macrocephalus uhleri Handlirsch, 1898:383. On *Prosopis* (3); mesquite (2, 3); predator (2).

1. Van Duzee 1917:231. 2. F. G. Werner, pers. comm. 3. TTU.

SYN: *M. arizonicus* Ckll., 1900:66.

MEXICO (3), AZ (2, 3).

Phymata albopicta Handlirsch, 1897:151. On mesquite (2).

1. Van Duzee 1917:227. 2. TTU.

NEOTROPICAL (1), MEXICO (2), GA (1).

Phymata americana Mel. On *Prosopis laevigata* (2).

1. Van Duzee 1917:226. 2. TTU.

MEXICO (2).

Piesmidae

Picsma cinerea (Say), 1832:27. On mesquite (2).

1. Van Duzee 1917:210. 2. TTU.

SYN: *Tingis cinerea* Say.

MEXICO (2), CA, CO, FL, IL, KS, NC, NY, OH, ONTARIO, PA (1).

Pyrrhocoridae

Euryophthalmus sp. On mesquite--feeding on pod (2).

1. Van Duzee 1917:201. 2. F. G. Werner, pers. comm.

AZ (2).

Stenomacra marginella (Herrich-Schaeffer), 1853:182. On *Prosopis laevigata* (2).

1. Van Duzee 1917:204. 2. TTU.

SYN: *Largus marginella* Herrich-Schaeffer; *Largus parallelus* Herrich-Schaeffer, 1853:pl. 217; *Theraneus marginella* (Herrich-Schaeffer).

NEOTROPICAL (1), MEXICO (2), AZ, CA (1).

Reduviidae

Apiomerus spissipes (Say), 1825:328. On mesquite predator (2).

1. Van Duzee 1917:257. 2. TTU.

SYN: *Reduvius spissipes* Say; *Herega spissipes* (Say).

MEXICO, AZ, CO (1), NM (2), TX (1), TX[EP, HP] (2).

Arius cristatus (L.), 1763:16. On *Prosopis glandulosa* general predator (2, 3).

1. Van Duzee 1917:268. 2. Swenson 1969:30. 3. TTU.

SYN: *Cimex cristatus* L.; *Reduvius novenarius* Say, 1825:71; *Prionotus denticulatus* Westwood, 1837:73; *P. cristatus* (L.); *P. patulus*

Walker, 1873:76; *Prionidus cristatus* (L.).

MEXICO (3), DC, FL, KY, MD, NC, NJ, NM, OK, PA, SC, TX (1), TX[HP (3), RP (2, 3)].

Emesinae (subfamily) spp. On *Prosopis strombulifera* (2).

1. Van Duzee 1917:232. 2. TTU.

ARGENTINA (2).

Sinea complexa Caudell, 1901:7. On *Prosopis*--predator (2).

1. Van Duzee 1917:271. 2. F. G. Werner, pers. comm.

AZ (1, 2), CA, CO, UT (1).

Sinea confusa Caudell, 1901:6. On *Prosopis*--predator (2).

1. Van Duzee 1917:270. 2. F. G. Werner, pers. comm.

MEXICO (1), AZ (1, 2), CA, TX (1).

Sinea diadema (Fabr.), 1776:302. On mesquite (2).

1. Van Duzee 1917:269. 2. TTU.

SYN: *Cimex multispinosus* DeGeer, 1773:348; *Reduvius diadema* Fabr.; *Cimex diadema* (Fabr.); *C. hispidus* Thunberg, 1783:33; *C. setosus* Gemlin, 1788:2144; *Zelus diadema* (Fabr.); *Reduvius raptatorius* Say, 1825:327.

MEXICO (2), CA, CO, DAK, DC, FL, GA, KS, ID, MA, ME, NC, NE, NJ, NH (1), NM (2), NY, OK, ONTARIO, PA, QUEBEC, SC, UT, VA, WS (1), TX[CTP, EP, HP, RP, STP, TP] (2).

Sinea rileyi Montandon, 1893:51. On *Prosopis* (2, 3); predator (2).

1. Van Duzee 1917:271. 2. F. G. Werner, pers. comm. 3. TTU.

MEXICO (3), AZ (1, 2), CA, FL, NC, TX, UT (1).

Sinea spinipes (Herrich-Schaeffer), 1848:82. On mesquite (2).

1. Van Duzee 1917:271. 2. TTU.

SYN: *Harpactor spinipes* Herrich-Schaeffer.

MEXICO (2), CO, FL, GA, KS, NY (1).

Zelus renardii Kolenati, 1857:42. On *Prosopis glandulosa*, *Larrea divaricata*, *Wislizenia* (2).

1. Van Duzee 1917:261. 2. UCR.

SYN: *Diplodus renardii* (Uhler); *Zelus? peregrinus* Kirkaldy, 1902:49.

MEXICO (1, 2), AZ (2), CA, HI (1).

Zelus socius Uhler, 1872:420. On *Prosopis glandulosa* (3); mesquite--predator (2).

1. Van Duzee 1917:261. 2. F. G. Werner, pers. comm. 3. TTU.

SYN: *Diplodus socius* (Uhler).

AZ (1, 2), CA, CO, DAK, FL, ID, IL, KS, NM, UT (1), TX[RP, TP] (3).

Rhopalidae

- Arhyssus* sp. On *Prosopis nigra* (2).
1. Van Duzee 1917:124. 2. TTU.
ARGENTINA (2).
- Arhyssus lateralis* (Say), 1825:320. On *Prosopis glandulosa* (2).
1. Van Duzee 1917:124. 2. TTU.
SYN: *Coreus lateralis* Say; *Rhopalus punctipennis* Dallas, 1852:526; *Corizus nigristernum* Signoret, 1859:100; *C. lateralis* (Say).
MEXICO, AZ, CO, DC, FL, IL, KS, MA, MO, NH, NJ, NY, PA, TX (1), TX[TP] (2).
- Liorhyssus* spp. On *Prosopis* (2).
1. Van Duzee 1917:120. 2. TTU.
ARGENTINA, TX[HP, RP, STP] (2).

HOMOPTERA

Acanaloniidae

- Acanalonia clypeata* Van Duzee, 1907 [1908]:496.
On mesquite (2); *Baccharis*, reared from *Atriplex canescens* (3).
1. Metcalf 1954 (4:14):19. 2. TTU. 3. UCR.
AZ (1, 2, 3), CA, NV, UT (1).
- Acanalonia hadesensis* Caldwell, 1938:305. On mesquite (2).
1. Metcalf 1954 (4:14):25. 2. TTU.
TX[EP] (1, 2).
- Acanalonia invenusta* Doering, 1932:775. On mesquite (2).
1. Metcalf 1954 (4:14):26. 2. TTU.
NM, TX (1), TX[TP] (2).
- Acanalonia laticosta* Doering, 1932:779. On mesquite (2).
1. Metcalf 1954 (4:14):27. 2. TTU.
TX (1), TX[STP] (2).

Aphididae

- Macrosiphum pisi* (Harris). On mesquite (2) - attacks many Leguminosae including crops (1).
1. TTU. 2. UAT.
WIDESPREAD NORTH AMERICA (1), AZ (2).

Cercopidae

- Cephus siccifolius* (Walker), 1851:698. On *Prosopis algarobilla* (3); *P.* sp. associated with numerous other hosts (2).
1. Metcalf 1962 (7:3):81. 2. Hayward 1958:34.
3. I. de Crouzel, pers. comm.
SYN: *Aphrophora siccifolia* Walker; *A. diminuta* Walker, 1851:699; *A. occidentis* Walker, 1851:699; *Ptychus variolosus* Walker, 1858:

688; *Cephus siccifolius* Stål, 1866:384; *Sphodroscarta siccifolia* Stål, 1869:18.

CENTRAL AMERICA (1), ARGENTINA (1, 2, 3), COSTA RICA, CUBA, MEXICO, WEST AFRICA (1).

Clastoptera sp. On *Prosopis* (1).

1. F. G. Werner, pers. comm.

AZ (1).

Deois incompleta (Walker), 1851:684. On *Prosopis* (2).

1. Metcalf 1961 (7:2):174. 2. TTU.

SYN: *Monephora incompleta* Walker; *Sphenorhina diluta* Walker, 1858:292; *Tomaspis incompleta* Distant, 1909:205; *Deois incompleta* Fennah, 1949:608.

ARGENTINA (1, 2), BRAZIL (1).

Deois knoblauchii (Berg), 1879:218. On *Prosopis* (3); sugarcane (2).

1. Metcalf 1961 (7:2):178. 2. Box 1953:45. 3. TTU.

SYN: *Tomaspis knoblauchii* Berg; *Monephora knoblauchii* Torres, 1946:21; *Deois (Pandysia) knoblauchii* Fennah, 1953:357.

ARGENTINA (1, 3), BRAZIL (1).

Cicadellidae

Agallia constricta Van Duzee, 1894:90. On mesquite (2); disease vector (1).

1. Metcalf 1966 (6:14):29. 2. TTU.

CUBA, CO, CT, DC, FL, GA, IA, IL, IN, KS, KY, LA, MA, MI, MO, MS, NC, NE, NJ, NY, NM, OH, OK, PA, SC, TN, TX, VA (1), TX[GP] (2).

Carneocephala sp. On *Prosopis* (1).

1. TTU.

TX[HP, RP] (1).

Circulifer tenellus (Baker), 1896:24. On *Prosopis*, on numerous cultivated and wild plants, disease vector (2).

1. Metcalf 1967 (6:10):909. 2. Essig 1934:261.

SYN: *Eutettix tenella* Forbes, 1900:75; *Thamnotettix rubicundula* Van Duzee, 1907:70; *T. ignavus* Matsumura, 1908:22; *T. indivisus* Haupt, 1927:35; *Opsius tenellus* Bell, 1931:2; *Circulifer indivisus* Zachvatkin, 1935:111; *Norvellina tenellus* DeLong and Caldwell, 1937:40; *Distomotettix indivisus* Ribaut, 1938:97.

EUROPE, NORTH AFRICA (1), ARGENTINA (1, 2), AUSTRALIA, JAMAICA, MEXICO (1, 2), PALESTINE, BRITISH COLUMBIA to QUEBEC, south to CA, and FL (1, 2).

Cuerna angusta Nielson. On mesquite (1).

1. TTU.

MEXICO (1).

Cuerna arida Oman and Beamer, 1944:125. On mesquite, alfalfa. *Aplopappus gracilis*, *Eriogonum* spp. (2).

1. Metcalf 1965 (6:11):543. 2. UAT.

AZ (1, 2).

Cuerna costalis (Fabr.), 1798:524. On *Prosopis* (3); disease vector on sugarcane (2).

1. Metcalf 1965 (6:11):543. 2. Box 1953:48. 3. TTU.

SYN: *Cercopis lateralis* Fabr.; *C. costalis* Fabr., 1803:4; *C. marginella* Fabr., 1803:96; *Tettigonia costalis* Fabr., 1803:19; *Tettigonia pyrhotelus* Walker, 1851:775; *Proconia costalis* Walker, 1858:224; *Oncometopia costalis* Van Duzee, 1889:9; *Cicada marginella* Cockerell, 1907:291; *Cuerna lateralis* Ball, 1936:18.

CENTRAL AMERICA, MEXICO, BRITISH COLUMBIA (to ME, south to FL and PANAMA (1), TX[HP, RP, STP] (3).

Driotura vittata Ball, 1903:231. On mesquite (2).

1. Metcalf 1967 (6:10):1669. 2. TTU.

SYN: *Driotura robusta vittata* Ball.

AZ, CO, KS, TX (1), NM (1, 2).

Empoasca sp. On *Prosopis nigra* (1).

1. TTU.

ARGENTINA (1).

Exitianus obscurinervis (Stål), 1859:293. On *Prosopis* (2).

1. Metcalf 1967 (6:10):325. 2. TTU.

SYN: *Jassus (Phamnotettix) obscurinervis* Stål, *Anthysanus obscurinervis* Berg, 1879:261; *Euscelis obscurinervis* Osborn, 1924:412; *Exitianus obscurinervis* Ball, 1929:5; *Exitianus* [sic] *obscurinervis* Stearns & MacCreary, 1938:227.

NORTH AMERICA (1), ARGENTINA (1, 2), BRAZIL, COSTA RICA, CUBA, HONDURAS, MEXICO, WEST INDIES, AR, AZ, CA, CO, DE, FL, GA, ID, IL, IN, KS, KY, LA, MD, MO, NC, ND, NY, OH, OK, SC, SD, TN, UT, VA, WA (1).

Gypona (Obtusana) paupercula Spangberg, 1878:35. On *Prosopis algarobilla*, *P. caldenia*, *P. nigra* (2).

1. Metcalf 1962 (6:3):42. 2. TTU.

ARGENTINA (1, 2), URUGUAY (1).

Homalodisca triquetra (Fabr.), 1803:63. On *Prosopis glandulosa* (2); disease vector (1).

1. Metcalf 1965 (6:11):506. 2. TTU.

SYN: *Cicada triquetra* Fabr., *Tettigonia vitripennis* Germar, 1821:61; *Raphirhinus vitripennis* de Laporte, 1832:415, *Tettigonia coagulata*

Say, 1832:13; *Ciccus vitripennis* Walker, 1851:799; *Tettigonia ichthyocephala* Signoret, 1854:494; *T. triquetra* Signoret, 1855:240; *Proconia excludens* Walker, 1858:98; *P. aurigena* Walker, 1858:228; *P. admittens* Walker, 1858:227; *Phera coagulata* Stål, 1864:78; *Homalodisca triquetra* Stål, 1869:64; *Homalodisa triquetra* [sic] Weed, 1892:278; *H.* [sic] *triquetra* Sander son and Peairs, 1921:234; *H.* [sic] *triquetra* Yakhotov, 1931:29; *H.* [sic] *triquetra* Custodio, 1944:99.

BRAZIL, HONDURAS, JAMAICA, MEXICO, NICARAGUA, PERU, VENEZUELA, AL, CA, FL, GA, KS, LA, MO, MS, NJ, SC, TN, TX (1), TX [STP] (2).

Macropsis punctifrons (Van Duzee), 1889:174. On *Prosopis laevigata*, *P. sp.*, mesquite (2).

1. Metcalf 1966 (6:13):112. 2. TTU.

SYN: *Pediopsis punctifrons* Van Duzee.

MEXICO (2), SOUTHWESTERN STATES, AZ, KS (1).

Menosoma cincta (Osborn and Ball), 1898:97. On *Prosopis glandulosa* leaves, *P. sp.* (2).

1. Metcalf 1967 (6:10):531. 2. TTU.

SYN: *Eutettix jucundus* (nec Uhler) Van Duzee, 1892:307; *E. cincta* Osborn and Ball; *Mesamia cincta* Smith, 1910:103; *Menosoma cincta* Ball, 1931:5; *M. cinta* [sic] DeLong, 1945:157; *Norvellina cincta* Moore, 1950:261.

CENTRAL AMERICA, ARGENTINA, BOLIVIA, BRAZIL, CANADA, MEXICO, PARAGUAY, CO, CT, DC, FL, GA, ID, IL, IN, KS, KY, MA, MD, MI, MN, MS, NC, NH, NJ, NY, OH, PA, SC, SD, TN, TX, VA, WI (1), TX[RP] (2).

Norvellina sp. On mesquite (1).

1. TTU.

TX[RP] (1).

Ollarianus strictus (Ball), 1900:204. On *Prosopis* (2).

1. Metcalf 1967 (6:10):502. 2. R. F. Wilkey, pers. comm.

SYN: *Eutettix stricta* Ball; *Chlorotettix minor* DeLong, 1918:6; *Opsius strictus* Ball, 1931:2; *Ollarianus strictus* Ball, 1936:433; *Norvellina strictus* DeLong and Caldwell, 1937:40.

MEXICO, AZ (1), CA (2), CO, KS, TX (1).

Paratanus sp. On *Prosopis nigra* (1).

1. TTU.

ARGENTINA (1).

Tapajosa doeringi (Berg), On *Prosopis* (1).

1. TTU.

ARGENTINA (1).

Texanonus serrellus DeLong, 1944:229. On mesquite (2).

1. Metcalf 1967 (6:10):663. 2. TTU.

MEXICO (1, 2).

Texanonus spatulatus (Van Duzee), 1892:78. On *Prosopis glandulosa* (2); mesquite (3).

1. Metcalf 1967 (6:10):685. 2. Swenson 1969:57. 3. TTU.

SYN: *Phlepsius spatulatus* Osborn, 1892:126; *Texanonus spatulatus* DeLong and Caldwell, 1937:44; *Iowanus spatulatus* Oman, 1947:189.

MEXICO, AZ, CA, CO, IA, ID, IN, KS, MT, NM, NV, OH, OK, TX, UT (1), TX[HP] (3), RP (2)].

Tiaja interrupta (Ball), 1902:21. On *Prosopis* (2).

1. Metcalf 1962 (6:5):36. 2. R. F. Wilkey, pers. comm.

SYN: *Paropulopa interrupta* Ball; *Koebeilia interrupta* Van Duzee, 1914:51; *Tiaja interrupta* Oman, 1941:208.

PACIFIC COAST STATES (1), CA (1, 2).

Cicadidae

Beameria venosa (Uhler), 1888:82. On *Prosopis*, mesquite (2).

1. Metcalf 1963 (8:1):383. 2. TTU.

SYN: *Prunasis venosa* Uhler; *Proarna venosa* Distant, 1911:134; *Beameria venosa* Davis, 1934:48.

AZ, CO, KS, NE, NM, OK, TX (1), TX[HP, RP] (2).

Cacama valvata (Uhler), 1888:84. On *Prosopis*—causes some ovipositional damage (2); mesquite (2, 3).

1. Metcalf 1963 (8:1):330. 2. F. G. Werner, pers. comm. 3. TTU.

SYN: *Proarna valvata* Uhler; *Cacama valvata* Van Duzee, 1915:23.

MEXICO, ROCKY MOUNTAIN STATES (1), AZ (1, 2), CA, CO, NM, UT (1), TX[RP] (3).

Cicadetta calliope (Walker), 1825:333. On *Prosopis glandulosa* (2).

1. Metcalf 1963 (8:2):296. 2. Swenson 1969:32.

SYN: *Cicada parvula* Say, 1825:333; *C. pallidescens* Germar, 1830:44; *C. calliope* Walker, 1850:212; *Melampsalta calliope* Stal, 1862:484; *M. parvula* Woodworth, 1888:68; *Carineta parvula* Uhler, 1888:22.

AL, AR, CO, FL, GA, IA, IL, KS, LA, MO, MS, NC, NE, NJ, OH, TN, TX, VA (1), TX[RP] (2).

Diceroprocta sp. On *Prosopis glandulosa* (1, 2).

1. Swenson 1969:57. 2. TTU.

TX[HP] (2), RP (1)].

Diceroprocta apache (Davis), 1921:3. On *Prosopis*, associated with alfalfa, asparagus, date palm and grapefruit; possible disease vector (2).

1. Metcalf 1963 (8:1):185. 2. Wymore 1934:888.

SYN: *Tibicen apache* Davis; *Cicada vitripennis* (nec Say) Howard, 1901:13; *Diceroprocta apache* Davis, 1928:441.

MEXICO, AZ (1), CA (1, 2), CO, NV, TX, UT (1).

Diceroprocta cinctifera (Uhler), 1892:156. On *Prosopis glandulosa* leaves (2).

1. Metcalf 1963 (8:1):191. 2. TTU.

SYN: *Cicada cinctifera* Uhler; *Tibicen cinctifera* Van Duzee, 1915:23; *Diceroprocta cinctifera* Davis, 1928:441.

AZ, CA (1), NM (1, 2), TX (1), TX[TP] (2).

Diceroprocta semicincta (Davis), 1925:41. On mesquite—causes some ovipositional damage (2).

1. Metcalf 1963 (8:1):201. 2. F. G. Werner, pers. comm.

SYN: *Tibicen semicincta* Davis; *Tibicen* [sic] *semicincta* Davis, 1925:42; *Diceroprocta semicincta* Davis, 1928:441.

MEXICO (1), AZ (1, 2), NM (1).

Pacarina puella Davis, 1923:11. On *Prosopis glandulosa* (2), mesquite—causes severe ovipositional damage (3).

1. Metcalf 1963 (8:1):414. 2. Swenson 1969:57. 3. TTU.

SYN: *Cicada signifera* Walker, 1858:22; *Proarna signifera* Distant, 1881:13; *Pacarina signifera* Distant, 1905:314.

GUATEMALA (1), MEXICO (3), AZ, LA, OK (1), TX[HP] (3), RP (2)].

Tibicen sp. On *Prosopis glandulosa* (1).

1. TTU.

TX[STP] (1).

Cixiidae

Oliarus spp. On *Prosopis rubriflora*, *P. sp.* (1).

1. TTU.

ARGENTINA, TX[STP] (1).

Oliarus acicus Caldwell, 1974:76. On mesquite (2).

1. Caldwell 1947:76. 2. TTU.

MEXICO, TX (1, 2), TX [GP, STP, TP] (2).

Oliarus aridus Ball, 1902:151. On mesquite (2).

1. Metcalf 1936 (4:2):52. 2. TTU.

SYN: *Oliarus breviceps* Fowler, 1904:94.

MEXICO (1, 2), CA, CO, KS, NM (1), TX[GP,

- HP, RP, STP, TP] (2).
Oliarus sonotus Ball, 1937:179. On mesquite (2).
 1. Ball 1937:179. 2. TTU.
 AZ (1), TX[RP] (2).
Oliarus texanus Metcalf, 1923:181. On *Prosopis laevigata*, mesquite (2).
 1. Metcalf 1936 (4:2):106. 2. TTU.
 MEXICO (2), TX (1), TX[CTP, STP] (2).
Oliarus zyxus Caldwell, 1947:76. On mesquite (2).
 1. Caldwell 1947:76. 2. TTU.
 MEXICO, AZ, TX (1), TX[CTP, STP] (2).

Coccidae

- Ancepaspis tridentata* Ferris. On *Prosopis glandulosa* (1).
 1. TAMU.
 TX[EP, STP] (1).
Ceroplastodes acaciae Ckll. On *Prosopis* (1).
 1. R. F. Wilkey, pers. comm.
 AZ (1).
Icerya rileyi Ckll. On *Prosopis glandulosa* (1).
 1. TAMU.
 TX[TP] (1).
Ophisthocelis prosopidis Kieff. and Jorg. On *Prosopis torquata* - found in galls (1).
 1. Hayward 1958:39.
 ARGENTINA (1).
Protargionia larreae Leon. On *Prosopis alba*, *P. ngra*, *Bulnesia retama* (1).
 1. Hayward 1958:42.
 ARGENTINA (1).
Toumeyella mirabilis (Ckll.). On *Prosopis* (1), mesquite (1, 2, 3, 4) - could probably cause serious damage under high populations (1, 3).
 1. F. G. Werner, pers. comm. 2. TAMU. 3. TTU. 4. UAT.
 AZ (1, 4), TX[CTP, HP, RP, TP] (2, 3).
Velataspis mimosarum (Ckll.). On *Prosopis* (1, 2), *Castela*, *Mimosa* (1).
 1. TAMU. 2. TTU.
 TX (1, 2).

Diaspididae

- Aspidiotus candidulus* Ckll. On *Prosopis* (1).
 1. Essig 1934:312.
 AZ (1).
Aspidiotus lataniae Signoret. On *Prosopis chilensis*, *Baccharis neglecta*, *Cercidium floridum*, *Conditia obovata* (1).
 1. Bibby 1931:191.
 TX[STP] (1).
Aspidiotus subsimilis Ckll. On *Prosopis chilensis*, *Jatropha spathulata* (1).

1. Bibby 1931:191.
 MEXICO (1).
Chrysomphalus sp. On *Prosopis chilensis* - on galls (1).
 1. Bibby 1931:192.
 TX[STP] (1).
Crenulaspidiotus mini Davidson. On *Prosopis* (1).
 1. R. F. Wilkey, pers. comm.
 AZ (1).
Diaspis townsendi. On *Prosopis* (1), mesquite (2).
 1. R. F. Wilkey, pers. comm. 2. TTU.
 MEXICO (2), AZ (1).
Hemiberlesia candidula (Ckll.). On *Prosopis* (1).
 1. R. F. Wilkey, pers. comm.
 CA (1).
Lepidosaphes mimosarum (Ckll.). On *Prosopis chilensis*, *Pithecellobium brevifolium*, *P. flexicaule* (1).
 1. Bibby 1931:193.
 TX[STP] (1).
Tachardiella mexicana (Comstock). On *Prosopis chilensis*, *Acacia amentaceae*, *A. farnesiana*, *Pithecellobium brevifolium*, *P. flexicaule* (1).
 1. Bibby 1931:190.
 TX[STP] (1).
Xerophilaspis prosopidis Ckll. On *Prosopis chilensis* (3), *P.* sp. (1, 2).
 1. Bibby 1931:193. 2. R. F. Wilkey, pers. comm. 3. TAMU.
 MEXICO, CA (2), TX[TP] (1, 3).

Flatidae

- Flataides fecalfusca* Caldwell, 1939:306. On mesquite (2).
 1. Metcalf 1957 (4:131):505. 2. TTU.
 AZ, TX (1), TX[TP] (2).
Metcalfa pruinosa (Say), 1830:238. On *Prosopis* (2).
 1. Metcalf 1957 (4:131):343. 2. TAMU.
 SYN: *Flata pruinosa* Say; *Poeciloptera pruinosa* Schaum, 1850:72; *P. farinosa* Walker, 1958:55; *P. pruinosa* [sic] Dohrn, 1859:66; *Poeciloptera* [sic] *pruinosa* Rathvon, 1869:550; *Ormenis pruinosa* Glover, 1876:28; *Poeciloptera* [sic] *pruinosa* Riley, 1894:91; *Melormenis pruinosa* Metcalf and Bruner, 1948:96; *Oremsis* [sic] *pruinosa* Wene, 1950:90; *Metcalfa pruinosa* Caldwell and Martorell, 1951:36.
 BERMUDA, BRAZIL, CUBA, JAMAICA, MEXICO, PUERTO RICO, ONTARIO, QUEBEC, AR, AZ, CA, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, MI, MN, MO, MS, NC, NE, NJ, NM, NY, OH, PA, RI, TN,

- TX, VA (1), TX [RP, STP] (2).
Mistharnophantia sp. On *Prosopis* sp. (1, 2).
 1. F. G. Werner, pers. comm. 2. TTU.
 MEXICO (2), AZ (1).
Ormenis saucia Van Duzee, 1918:498. On *Prosopis glandulosa* (2, 3), mesquite (3).
 1. Metcalf 1957 (4:13):297. 2. Swenson 1969:58. 3. TTU.
 NM (3), NV, UT (1), TX [HP (3), RP (2, 3)].
Ormenis yumana Ball, 1933:148. On *Prosopis* (2).
 1. Metcalf 1957 (4:13):299. 2. R. F. Wilkey, pers. comm.
 AZ (1, 2), CA (1).

Fulgoridae

- Cyrpoptus vanduzeei* Ball, 1933:146. On *Prosopis glandulosa* (2).
 1. Metcalf 1947 (4:9):76. 2. TTU.
 AZ (1), TX [HP, RP, STP] (2).

Issidae

- Thionia* sp. On *Prosopis nigra*. P. sp. (1).
 1. TTU.
 ARGENTINA (1).
Tylana ustulata Uhler, 1876:354. On *Prosopis juliflora*, mesquite (2).
 1. Metcalf 1957 (4:15):537. 2. UCR.
 AZ (1, 2), CO, NM (1).
Tylanira bifurca Ball, 1936:155. On mesquite (2).
 1. Metcalf 1957 (4:15):408. 2. TTU.
 SYN: *Tylanira bifurcata* [sic] Caldwell, 1945:106.
 MEXICO (2), AZ, TX (1), TX [HP, TP] (2).

Membracidae

- Bajulata bajula* (Goding), 1893:437. On mesquite (2, 3).
 1. Metcalf 1965 (1:Suppl.):895. 2. F. G. Werner, pers. comm. 3. TTU.
 SYN: *Evashmeadea bajula* Goding; *E. arizonensis* Goding, 1893:437; *Vanduzeeva bajula* Van Duzee, 1908:102; *Bajulata bajula* Ball, 1933:27.
 SOUTHWESTERN STATES (1), AZ (1, 2, 3).
Euchenopa sp. On *Prosopis nigra*, P. sp. (1).
 1. TTU.
 ARGENTINA (1).
Entylia gemmata (Germar), 1821:16. On mesquite (2).
 1. Metcalf 1965 (1:Suppl.):910. 2. TTU.
 SYN: *Membracis gemmata* Germar; *Hemiptyche gemmata* Burmeister, 1835:140; *Entylia gemmata* Germar, 1835:248; *E. fallax* Funkhouser, 1927:311; *E. turrita* Funkhouser, 1927:313.
 ARGENTINA, BRAZIL, CHILE, COLOMBIA, EQUADOR, GUATEMALA (1), MEXICO (1, 2), PERU, VENEZUELA (1).
Entylia sinuata (Fabr.), 1803:16. On mesquite (2).
 1. Metcalf 1965 (1:Suppl.):912. 2. TTU.
 SYN: *Membracis emarginata* Fabr., 1803:16; *Cicada sinuata* Donovan, 1820:2; *C. emarginata* Donovan, 1820:2; *Entylia sinuata* Germar, 1833:178; *Hemiptyche sinuata* Burmeister, 1835:140; *Thelia sinuata* Walker, 1852:1144; *Entilia* [sic] *carinata* (nec Forster) Glover, 1877:29; *E. mira* Butler, 1877:211; *E. inaequalis* Goding, 1893:398; *E. inaequalis* [sic] Goding, 1929:272.
 BRAZIL, BRITISH GUIANA, CANADA, COSTA RICA, GUATEMALA, MEXICO, NICARAGUA, PANAMA, PERU, CT, DC, DE, FL, GA, ID, IL, KS, LA, MA, MD, MI, MO, MN, MS, NC, NE, NH, NJ, NV, NY, OH, PA, SC, TX, VA (1), TX[STP] (2).
Platycentrus sp. On mesquite (1).
 1. TTU.
 MEXICO (1).
Platycentrus auriculatus Pelaez, 1941:54. On mesquite (2).
 1. Metcalf 1965 (1:Suppl.):1040. 2. TTU.
 MEXICO (1, 2).
Publilia modesta (Uhler), 1872:472. On *Prosopis* (3); mesquite (2, 3); chrysanthemums, wild licorice and other plants (2).
 1. Metcalf 1965 (1:Suppl.):924. 2. Essig 1934:205. 3. TTU.
 SYN: *Entilia* [sic] *modesta* Uhler; *Publilia modestus* Goding, 1892:200; *Publilia bicinctura* Goding, 1893:399.
 CANADA, AL (1), AZ, CA, CO (1, 2), IA, KS, NE (1), NM (1, 2), NY, SD, UT (1), TX[TP] (3).
Smiliorachis proxima Berg, 1883:292. On *Prosopis nigra* (1).
 1. Metcalf 1965 (1:Suppl.):647. 2. TTU.
 SYN: *Smiliorachis* [sic] *proxima* Berg; *Smiliorachis proxima* Funkhouser, 1927:156.
 ARGENTINA (1, 2), BRAZIL, COLOMBIA, URUGUAY (1).
Spissistilus festinus Say, 1830:243. On mesquite (3); alfalfa, disease vector (2).
 1. Metcalf 1965 (1:Suppl.):809. 2. Poos 1938:24. 3. F. G. Werner, pers. comm.
 SYN: *Membracis festivus* [sic] Harris, 1835:

579; *Ceresa festiva* [sic] Walker, 1852:1141; *C. uniformis* (nec Fairmaire) Stål, 1859:284; *Stictocephala festina* Stal, 1869:246; *S. dubia* Fowler, 1895:110; *Spissistilus festinus* Caldwell, 1949:513; *Stictocephala fusca* Funkhouser, 1951:134.

CANADA, CANAL ZONE, COSTA RICA, CUBA, GUATEMALA, HAITI, HONDURAS, MEXICO, PUERTO RICO, AL (1), AZ (1, 3), CA, CO, CT, FL, GA, HI, IA, IN, KS, LA, MA, MI, MO, MS, MT, NC, NE, NJ, NM, NY, OK, PA, SD, TN, TX, UT, VA (1).

Stictocephala sp. On mesquite (1).

1. TTU.

TX[STP] (1).

Stictopelta flaviceps (Burmeister), 1836:173. On *Prosopis nigra* (2).

1. Metcalf 1965 (1:Suppl.):595. 2. TTU.

SYN: *Darnis limbata* Burmeister; *Leptosticta flaviceps* Butler, 1878:341; *Hebetica flaviceps* Fowler, 1894:53; *Stictopelta limbata* Goding, 1914:397; *Stictopelta flaviceps* Funkhouser, 1927:159.

ARGENTINA (1, 2), BRAZIL, EQUADOR, URUGUAY (1).

Stictopelta indeterminata Walker, 1858:149. On *Prosopis nigra*, *P. sp.*, *Acacia* sp. (2).

1. Metcalf 1965 (1:Suppl.):597. 2. TTU.

SYN: *Darnis indeterminata* Walker; *D. luisae* Berg, 1883:290; *Stictopelta indeterminata* Fowler, 1895:59; *Stictocephala indeterminata* Haviland, 1925:276.

ARGENTINA (1, 2), BRAZIL, BRITISH GUIANA, BRITISH HONDURAS, GUATEMALA, MEXICO, PANAMA (1).

Stictopelta marmorata Goding, 1893:448. On *Prosopis glandulosa* (4); mesquite (2, 3, 4) —feed on small stems and buds (2).

1. Metcalf 1965 (1:Suppl.):598. 2. F. G. Werner, pers. comm. 3. TAMU. 4. TTU.

MEXICO (1, 3, 4), AZ (1, 2), NM (1, 3, 4), TX (1), TX [BP] (3), HP, RP, STP (4)].

Stictopelta varians Fowler, 1894:56. On *Prosopis chilensis* (3); mesquite (2, 3); *Acacia greggii* (3).

1. Metcalf 1965 (1:Suppl.):600. 2. TTU. 3. UCR.

SYN: *Stictopelta arizona* Van Duzee, 1908:129. MEXICO (1, 2), AZ (1, 2, 3), CA (3).

Tylocentrus quadricornis Funkhouser, 1927:507 or near. On mesquite (2).

1. Metcalf 1965 (1:Suppl.):65. 2. F. G. Werner, pers. comm.

MEXICO (1), AZ (1, 2), CA, UT (1).

Tylocentrus reticulatus Van Duzee, 1908:125. On

Prosopis glandulosa (2); *P. juliflora* (3); mesquite (2).

1. Metcalf 1965 (1:Suppl.):65. 2. TTU. 3. UCR. SYN: *Orthobelus felinus* Funkhouser, 1927:451.

MEXICO (2), AZ, CA (1), NM (2), NV, TX, UT (1), TX[HP, TP] (2).

Vanduzeeea sp. On *Prosopis glandulosa* blooms (2); mesquite (1, 2)—associated with *Crematogaster punctulata* (1).

1. Swenson 1969:32. 2. TTU.

MEXICO, AZ (2), TX [CTP (2), HP (1), RP (2)].

Vanduzeeea laeta Goding, 1893:441 or near. On *Prosopis* (2).

1. Metcalf 1965 (1:Suppl.):891. 2. F. G. Werner, pers. comm.

SYN: *Amastris laeta* Goding, 1893:481.

MEXICO (1), AZ (1, 2), CA, CO (1).

Vanduzeeea segmentata Fowler, 1895:94. On *Prosopis glandulosa* (2).

1. Metcalf 1965 (1:Suppl.):892. 2. TTU.

SYN: *Hypamastris segmentata* Fowler; *Vanduzeeea segmentata* Van Duzee, 1908:102.

COSTA RICA, GUATEMALA, MEXICO, PANAMA, AZ, HI, LA, TX (1), TX [STP] (2).

Pseudococcidae

Phenacoccus helianthi (Ckll.). On *Prosopis* (1).

1. R. F. Wilkey, pers. comm.

CA (1).

Psyllidae

Aphalara pulchella Crawford, 1911:500. On *Prosopis juliflora* var. *glandulosa*, *Carex*, *Ceanothus*, *Frankenia* (2).

1. Van Duzee 1917:787. 2. Klyver 1932:10.

CA (2).

Aphalaroida sp. On *Prosopis* (1).

1. R. F. Wilkey, pers. comm.

CA (1).

Aphalaroida inermis Crawford, 1914:41. On *Prosopis juliflora* (2); *P. sp.* (3); *Mimosa* (2).

1. Van Duzee 1917:788. 2. Crawford 1914:41.

3. R. F. Wilkey, pers. comm.

AZ (1, 2), CA (1, 2, 3), TX (1, 2).

Aphalaroida spinifera Crawford, 1914:40. On *Prosopis juliflora*, *Phoradendron* (2).

1. Van Duzee 1917:788. 2. Crawford 1914:40.

AZ, CA (1, 2).

Euphalerus sp. On *Prosopis alba*, *P. caldenia*, *P. nigra*, *P. sp.* (1).

1. TTU.

ARGENTINA (1).

Heteropsylla reducta Caldwell and Martorell, 1951:606. On *Prosopis juliflora* (1).

1. Caldwell and Martorell 1951:606.

PUERTO RICO (1).

Heteropsylla texana Crawford, 1914:45. On *Prosopis chilensis* (6); *P. glandulosa* (6, 7); *P. juliflora* (3); *P. laevigata*, mesquite (7); *P. tamarugo* (5); *Acacia*, *Celtis*, *Chrysopsis*, *Monarda*, *Pithecellobium*, *Sphaeralcea* (1); *Mimosa* spp. (7); *Tamarux* (4).

1. Van Duzee 1917:789. 2. Crawford 1914:45. 3. Jensen 1945:74. 4. Klyver 1932:12. 5. C. Klein, pers. comm. 6. R. F. Wilkey, pers. comm. 7. TTU. 8. UAT.

CHILE (1), MEXICO (7), AZ (1, 5, 6, 7), CA (5), CO, KS (1), NM (6), TX (1), TX [EP, GP, HP, RP, STP, TP] (6).

Tachardiidae

Tachardia fulgens (Ckll.). On *Prosopis*, coursetia, mimosa (1).

1. Essig 1934:287.

MEXICO, AZ (1).

HYMENOPTERA

Andrenidae

Perdita difficilis Timb., 1964:323. On *Prosopis glandulosa*, *P. juliflora*, mesquite (1).

1. UCR.

CA (1).

Perdita duplicata Timb., 1964:327. On mesquite (1).

1. UCR.

MEXICO (1).

Perdita exclamans Ckll., 1895:5. On *Prosopis juliflora* (2); [both subspecies, *Perdita exclamans exclamans* and *P. v. imperialis*, are recorded from *Prosopis* flowers (1)].

1. Muesebeck et al. 1951:1090. 2. UCR.

MEXICO, CA, NM (1, 2), KS, TX (2).

Perdita genalis panamintensis Timb., 1964:360. On mesquite (1).

1. UCR.

CA (1).

Perdita gentilis gentilis Timb., 1962:78. On *Prosopis glandulosa*, mesquite (2).

1. Krombein and Burks 1967:442. 2. UCR.

CA (2), NV (1, 2).

Perdita halictoides Smith, 1853:128. On mesquite, *Larrea divaricata* (3); *Physalis*, *Solidago* (2).

1. Krombein and Burks 1967:442. 2. Muesebeck et al. 1951:1091. 3. UCR.

SYN: *Perdita sexmaculata* var. *punctata* Ckll., 1896:71; *P. punctata* Ckll.; *P. maura* Ckll., 1901:191; *P. bisignata* Ckll., 1922:11.

IN, MI, west to CO, ND, TX (1), NE (2), FL (1, 2).

Perdita howardi Ckll., 1899:492. On *Prosopis chilensis*, mesquite (2).

1. Muesebeck et al. 1951:1091. 2. UCR.

MEXICO, NM (1, 2), AZ, CA, TX (2).

Perdita luciae Ckll., 1899:494. On *Prosopis chilensis* (2).

1. Muesebeck et al. 1951:1092. 2. UCR.

MEXICO, AZ (1), CA (2).

Perdita mimosae Timb., 1964:270. On mesquite, mimosa (1).

1. UCR.

NM, TX (1).

Perdita numerata hesperia Timb., 1960:62. On *Prosopis glandulosa*, *P. juliflora* (2); *Prosopis* (1, 2); mesquite (2); *Geraea*, *Larrea*, *Melilotus* (1).

1. Krombein and Burks 1967:447. 2. UCR.

MEXICO (1, 2), CA (2).

Perdita pallidipes Timb., 1964:332. On Mesquite (1).

1. UCR.

CA (1).

Perdita prosopidis Timb., 1964:318. On *Prosopis juliflora* (1).

1. UCR.

CA (1).

Perdita puntosignata sulphurea Timb., 1964:353. On *Prosopis juliflora*, mesquite, *Acacia greggii* (1).

1. UCR.

CA (1).

Perdita sonorensis Ckll., 1899:493. On *Prosopis glandulosa*, mesquite (1).

1. UCR.

MEXICO, AZ, CA (1).

Perdita stathamae stathamae Timb., 1964:356. On *Prosopis juliflora*, mesquite (1).

1. UCR.

AZ, CA (1).

Perdita triangulifera Timb., 1964:328. On *Prosopis juliflora*, mesquite (1).

1. UCR.

CA (1).

Perdita vierecki Ckll., 1907:129. On *Prosopis chilensis* (2).

1. Muesebeck et al. 1951:1096. 2. UCR.

SYN: *Perdita vierecki* Ckll.
AZ (2), NM (1, 2).

Apidae

Bombus pennsylvanicus (DeGeer), 1773:575. On mesquite (3).

1. Krombein and Burks 1967:517. 2. Muesebeck et al. 1951:1249. 3. TTU.

SYN: *Apis pennsylvanica* DeGeer; *A. americanorum* Fabr., 1775:575; *A. nidulans* Fabr., 1798:274; *Bombus pallidus* Cresson, 1863:92; *Psithyrus cevalliae* Ckll., 1899:157; *Bombus titusi* Ashm., 1902:50; *B. americanorum* var. *umbratus* Friese, 1931:301.

NORTH AMERICA (2), MEXICO (2, 3), TX[RP] (3).

Melissodes sp. On *Prosopis glandulosa* (2).

1. Muesebeck et al. 1951:1222. 2. TTU. MEXICO (2).

Xylocopa (*Neoxylocopa*) sp. On mesquite (2).

1. Muesebeck et al. 1951:1245. 2. TTU. MEXICO (2).

Bethylidae

Epyris sp. On mesquite (2).

1. Muesebeck et al. 1951:728. 2. TTU. MEXICO (2).

Goniozus sp. On mesquite (2).

1. Muesebeck et al. 1951:732. 2. TTU. MEXICO (2).

Holepyris sp. On mesquite (2).

1. Muesebeck et al. 1951:730. 2. TTU. MEXICO (2).

Parasierola sp. On mesquite (3).

1. Muesebeck et al. 1951:734. 2. TTU. MEXICO (3).

Scleroderma immigrans Bridwell, 1917:484. On *Prosopis juliflora*—parasitic on bruchid larvae (1).

1. Bridwell 1917:484. HI (1).

Braconidae

Agathis spp. On mesquite (2, 3)—parasitoid of *Ithome concorella* (2).

1. Muesebeck et al. 1951:117. 2. C. E. Rogers, pers. comm. 3. TTU. MEXICO (3), TX[RP] (2).

Allorhogas sp. On *Prosopis nigra* (2).

1. Muesebeck et al. 1951:180. 2. TTU. ARGENTINA (2).

Apanteles spp. On *Prosopis alba*, mesquite (2).

1. Muesebeck et al. 1951:123. 2. TTU.

ARGENTINA, MEXICO (2).

Bracon spp. On *Prosopis alba*, *P. nigra*, *P. sp.*, mesquite (2).

1. Muesebeck et al. 1951:163. 2. TTU.

ARGENTINA, MEXICO (2).

Bracon thurberiphagae (Mues.), 1925:12. Mesquite (3).

1. Krombein and Burks 1967:57. 2. Muesebeck et al. 1951:168. 3. TTU.

SYN: *Microbracon thurberiphagae* Mues. MEXICO (3), AZ, TX (2).

Chelonus sp. On mesquite (2).

1. Muesebeck et al. 1951:143. 2. TTU. TX[HP] (2).

Eubadizon sp. On *Prosopis glandulosa* (2).

1. Muesebeck et al. 1951:111. 2. TTU. TX[STP] (2).

Glyptocolastes sp. On *Prosopis glandulosa*—parasite of *Oncideres rhodosticta* (2).

1. Muesebeck et al. 1951:178. 2. Polk 1971:45. TX[RP] (2).

Glyptocolastes texanus Ashm., 1900:142. On *Prosopis*, mesquite (2).

1. Muesebeck et al. 1951:178. 2. TTU. AZ, TX (1), TX[HP, RP] (2).

Heterospilus prosopidis Vier., 1910:381. On *Prosopis juliflora* (3); mesquite (4)—parasitic on *Bruchus prosopis* (3); *Acanthoselides horni*, *Algarobius prosopis*, *Bruchus* spp. (2).

1. Krombein and Burks 1967:60. 2. Muesebeck et al. 1951:180. 3. Bridwell 1920b:404. 4. TTU.

MEXICO (1, 2), AZ, CA (1), HI (2, 3), LA, OK (1), TX (3), TX[HP, RP] (4).

Iphiaulax spp. On *Prosopis glandulosa* (2), *P. sp.*, mesquite (3)—parasitic on *Oncideres rhodosticta* (2) and various wood boring beetles (1).

1. Muesebeck et al. 1951:158. 2. Polk 1971:45. 3. TTU.

ARGENTINA, MEXICO (3), TX[RP] (2, 3).

Macrocentrus spp. On *Prosopis glandulosa*, *Prosopis nigra* (2).

1. Muesebeck et al. 1951:104. 2. TTU. ARGENTINA, TX[HP] (2).

Microgaster sp. On *Prosopis* (2).

1. Muesebeck et al. 1951:135. 2. TTU. ARGENTINA (2).

Microplitis brassicae Mues., 1922:45. On mesquite (2)—parasitic on *Trichoplusia ni* (Hbn.), *Autographa* sp. (1).

1. Muesebeck et al. 1951:137. 2. TTU.

AZ, CO, NE (1), NM (1, 2), TX (1), TX[HP] (2).

Odontobracon elaphidiovorus Rohwer., 1917:168.

On *Prosopis* (3)—host: *Elaphidion* sp. (2).

1. Krombein 1958:36. 2. Muesebeck et al. 1951:182. 3. TTU.

AZ, FL, GA (2), NC, NJ, OH (1), TX, VA (2), WI (1), TX[RP] (3).

Odontobracon nigriceps Cam., 1887:384. On mesquite (2).

1. Muesebeck et al. 1951:181. 2. TTU. TX[RP] (2).

Rogas sp. On *Prosopis nigra*, *P.* sp. (2).

1. Muesebeck et al. 1951:170. 2. TTU. ARGENTINA (2).

Urosigalphus bruchi Cwfd., 1907:181. In *Prosopis*—parasitic on *Algarobius* sp. and *Amblycerus robiniae* (1); on mesquite (2).

1. Muesebeck et al. 1951:113. 2. TTU. PANAMA, WEST INDIES, AZ, HI, TX (1), TX[RP] (2).

Vipio sp. On mesquite (2).

1. Muesebeck et al. 1951:157. 2. TTU. NM (2).

Chalcidectidae

Euchrysis hyalinipennis Ashm., 1896:231. On mesquite (3)—parasitic on *Chrysobothris deleta* LeC., *Phloeotribus frontalis* (Oliv.) (1); *Oncideres rhodosticta* (2).

1. Krombein and Burks 1967:276. 2. Muesebeck et al. 1951:584. 3. TTU.

AZ (1), CA (2), FL (1), MO, NC (2), NM, TX (1), TX[RP] (3).

Chalcididae

Inveria sp. On mesquite (1).

1. TTU. AZ (1).

Spilochalcis xantha Burks, 1940:320. On mesquite (2).

1. Muesebeck et al. 1951:592. 2. TTU. AZ, NM, TX (1), TX[RP] (2).

Colletidae

Colletes spp. On mesquite (2).

1. Muesebeck et al. 1951:1044. 2. TTU. MEXICO (2).

Cynipidae

Eschatocerus niger Kieff. and Jorg. In *Prosopis alpataco*, *P. nigra* (1); *P. alba* (1, 2)—causes galls (1).

1. Hayward 1958:47. 2. TTU. ARGENTINA (1, 2).

Encyrtidae

Copidosoma sp. On *Prosopis alba*, *P. nigra* (2).

1. Muesebeck et al. 1951:481. 2. TTU. ARGENTINA (2).

Psyllaephagus sp. On *Prosopis caldenia* (2).

1. Muesebeck et al. 1951:487. 2. TTU. ARGENTINA (2).

Eucharitidae

Orasema sp. On *Prosopis nigra* (2).

1. Muesebeck et al. 1951:515. 2. TTU. ARGENTINA (2).

Eulophidae

Galeopsomyia sp. On mesquite—parasitoid of *Asphondylia prosopidis* (2).

1. Muesebeck et al. 1951:442. 2. C. E. Rogers, pers. comm. TX[RP] (2).

Horismenus spp. On *Prosopis caldenia*, *P. nigra* (3); *P. juliflora* (1); mesquite (3); *Acacia farnesiana*—reared from seed pods infested with *Bruchus* sp. (2).

1. Muesebeck et al. 1951:467. 2. Wolcott 1936:523. 3. TTU.

ARGENTINA (3), PUERTO RICO (2), TX[TP] (3).

Horismenus lixivorus (Cwfd.), 1907:180. On *Prosopis glandulosa* (3); parasitic on *Lixus musculus*, *L. perforatus*, *L. scrobicollis* (1, 2).

1. Krombein and Burks 1967:234. 2. Muesebeck et al. 1951:467. 3. TTU.

SYN: *Horisemus lixivorus* Cwfd.

AZ, TX (1, 2), TX[RP] (3).

Paracrias sp. On mesquite (2).

1. Muesebeck et al. 1951:470. 2. TTU. TX[TP] (2).

Tetrastichus spp. On *Prosopis nigra* (3); mesquite—parasitoid of *Asphondylia prosopidis* (2).

1. Muesebeck et al. 1951:443. 2. C. E. Rogers, pers. comm. 3. TTU.

ARGENTINA, TX (3), TX[RP] (2).

Eupelmidae

Eupelmus sp. On *Prosopis caldenia*, *P. rubriflora*, *P.* sp. (2).

1. Muesebeck et al. 1951:508. 2. TTU. ARGENTINA (2).

Eupelmus brevicauda (Cwfd.), 1908:158. On *Prosopis pubescens* (3); parasitic on *Acanthoscelides horni* (2).

1. Krombein and Burks 1967:245. 2. Muesebeck et al. 1951:509. 3. R. F. Wilkey, pers. comm. SYN: *Cerambycobius brevicauda* Cwfd.

AZ (2), CA (1, 3), TX (2).

Eurytomidae

Bephratoides maculatus Brues, 1909:158. On *Prosopis* (2).

1. Muesebeck et al. 1951:574. 2. TTU.
TX (1, 2).

Bruchophagus sp. On *Prosopis caldenia* (2).

1. Muesebeck et al. 1951:582. 2. TTU.
ARGENTINA (2).

Eurytoma spp. On *Prosopis glandulosa*, *P. nigra*, *P.* sp. (3); mesquite parasitoid on *Asphondylia prosopidis* (2).

1. Muesebeck et al. 1951:576. 2. C. E. Rogers, pers. comm. 3. TTU.
ARGENTINA (3). TX[RP] (2), TP (3).

Eurytoma dorcascemae Ashm., 1888:11. On *Prosopis glandulosa* (2).

1. Muesebeck et al. 1951:576. 2. Polk 1971:45.
UT, KS, NC (1), TX[RP] (2).

Eurytoma magdalis Ashm., 1894:326. On *Prosopis glandulosa* (3)—parasitic on *Magdalis armicollis* (Say) (2); and *Oncideres cingulata* (Say) (1).

1. Krombein and Burks 1967:273. 2. Muesebeck et al. 1951:577. 3. TTU.
CO (2), NC (1), NJ, VA (2), TX[RP] (3).

Tenuipetiolus spp. On mesquite (2, 3)—parasitoid on *Asphondylia prosopidis* (2).

1. Krombein 1958:80. 2. C. E. Rogers, pers. comm. 3. TTU.
TX (3), TX[RP] (2).

Formicidae

Atta mexicana (F. Smith), 1858:185. On mesquite (5).

1. Kempf 1972:27. 2. Krombein 1958:138. 3. Krombein and Burks 1967:363. 4. Muesebeck et al. 1951:832. 5. TTU.

SYN: *Formica fercens* Drury, 1782:58; *Oecodoma mexicana* F. Smith.

CENTRAL AMERICA (1, 2), GUATEMALA, HONDURAS (2), MEXICO (1, 2, 3, 5), AZ (1, 2, 3, 4).

Camponotus spp. On *Prosopis alba*, *P. caldenia*, *P. nigra*, *P.* sp., mesquite (3).

1. Kempf 1972:42. 2. Muesebeck et al. 1951:843. 3. TTU.

ARGENTINA, MEXICO, TX [STP] (3).

Camponotus abdominalis transvectus Wheeler, 1910:229. On mesquite (3).

1. Kempf 1972:59. 2. Muesebeck et al. 1951:844. 3. TTU.

SYN: *Formica abdominalis* Fabr., 1804:409; *Camponotus taeniatus* Roger, 1863:149.

TX (2), TX [STP, TP] (3).

Camponotus fumidus festinatus (Buckley), 1866:164. On mesquite (4).

1. Kempf 1972:67. 2. Krombein 1958:144. 3. Muesebeck et al. 1951:843. 4. TTU.

SYN: *Formica festinata* Buckley; *Camponotus fumidus* var. *pubicornis* Emery, 1893:668; *C. fumidus spurcus* Wheeler, 1910:299.

MEXICO (1, 3, 4), AZ, CO (1, 3), NM (2), TX (1, 3).

Camponotus sayi Emery, 1897:669. On *Prosopis glandulosa*, mesquite (2).

1. Muesebeck et al. 1951:845. 2. TTU.

MEXICO (2), AZ, CA, ?ND (1), TX[RP, STP] (2).

Conomyrma bicolor (Wheeler), 1906:342. On mesquite (5).

1. Kempf 1972:78. 2. Krombein 1958:140. 3. Krombein and Burks 1967:365. 4. Muesebeck et al. 1951:837. 5. TTU.

SYN: *Dorymyrmex bicolor* Wheeler; *D. pyramicus bicolor* Wheeler.

ARGENTINA (1), MEXICO (1, 4, 5), AZ, CA (1, 4), NM (5), TX (1, 4), UT (4).

Conomyrma bitubera (Santschi), 1916:394. On *Prosopis nigra* (2).

1. Kempf 1972:78. 2. TTU.

SYN: *Dorymyrmex bituberus* Santschi.

ARGENTINA (1, 2).

Conomyrma pyramicus pyramicus (Roger), 1863:160. On *Prosopis glandulosa*, *P. laevigata*, mesquite (5).

1. Kempf 1972:79. 2. Krombein 1958:141. 3. Krombein and Burks 1967:365. 4. Muesebeck et al. 1951:837. 5. TTU.

SYN: *Prenolepis pyramica* Roger; *Dorymyrmex pyramica* (Roger); *Formica insana* Buckley, 1866:165.

UNITED STATES south to SOUTH AMERICA (4), TX[HP, TP] (5).

Crematogaster brevispinosa Mayr, 1870:403. On *Prosopis nigra* (2).

1. Kempf 1972:84. 2. TTU.

CENTRAL AMERICA, SOUTH AMERICA (1), ARGENTINA (2).

Crematogaster depilis Wheeler, 1908:478. On mesquite (3, 4); in *Acacia* sp., *Larrea*, *Ocotillo* (2).

1. Krombein 1958:126. 2. Muesebeck et al. 1951:810. 3. Buren 1968:110. 4. TTU.

- SYN: *Crematogaster lineolata opaca* var. *depilis* Wheeler; *C. opaca depilis* Wheeler.
MEXICO, AZ, NM, TX (2), TX[TP] (4).
- Crematogaster laeviuscula* Mayr, 1870:990. On *Prosopis glandulosa* (3); in mesquite, oak—commonly nests in twigs, galls, hollow trees, and logs (1).
1. Krombein 1958:126. 2. Muesebeck et al. 1951:809. 3. TTU.
SYN: *Oecodoma (Atta) arborea* Buckley, 1867:349.
MEXICO (1), KS, LA, MO, OK, TX (2), TX [STP] (3).
- Crematogaster opuntiae* Buren, 1968:120. On mesquite (1).
1. Buren 1968:120. 2. TTU.
AZ (1, 2), NM (1).
- Crematogaster punctulata* Emery, 1895:287. On *Prosopis glandulosa*, mesquite (4).
1. Krombein 1958:127. 2. Krombein and Burks 1967:356. 3. Muesebeck et al. 1951:810. 4. TTU.
SYN: *Crematogaster opaca punctulata* Emery; *C. lineolata subopaca* Emery, 1895:283; *C. opaca* var. *texana* Santschi, 1929:91.
MEXICO (1, 4), CO, KS, south to AZ, NM, TX, east to VA, FL (1), TX[HP, RP] (4).
- Dorymyrmex planidens* Mayr, 1868:165. On *Prosopis* (2).
1. Kempf 1972:100. 2. TTU.
ARGENTINA (1, 2).
- Ectatomma quadridens* (Fabr.), 1793:362. On *Prosopis nigra* (2).
1. Kempf 1972:105. 2. TTU.
SYN: *Ectatomma brunneum* F. Smith, 1858:103.
ARGENTINA (1, 2) north to PANAMA (1).
- Ectatomma tuberculatum* (Ol.), 1791:498. On mesquite (2).
1. Kempf 1972:105. 2. TTU.
SYN: *Formica tuberculatum* Ol.; *Ectatomma ferrugineum* Norton, 1868:61; *E. tuberculatum* var. *punctigerum* Emery, 1890:56; *E. t.* var. *acrista* Forel, 1909:254; *E. t.* var. *irregulare*, Santschi, 1921:83.
ARGENTINA north to MEXICO (1), MEXICO (2).
- Ephobomyrmex naegeli* (Forel), 1886:41. On *Prosopis nigra* (2).
1. Kempf 1972:106. 2. TTU.
SYN: *Pogonomyrmex naegeli* Forel; *Ephobomyrmex venezuelensis* Weber, 1943:69; *E. venezuelensis* var. *rupununi* Weber, 1943:71.
GUIANAS (1), ARGENTINA (1, 2), BOLIVIA, BRAZIL, PARAGUAY, PERU, VENEZUELA (1).
- Euponera* sp. On *Prosopis* sp. (2).
1. Muesebeck et al. 1951:785. 2. TTU.
TX[CTP, RP, TP] (2).
- Forelius chalybaeus* Emery, 1905:176. On *Prosopis* (2).
1. Kempf 1972:109. 2. TTU.
ARGENTINA (1, 2).
- Forelius foetidus foetidus* (Buckley), 1866:167. On *Prosopis glandulosa*, *P. laevigata*, *P. sp.*, mesquite (4).
1. Kempf 1972:109. 2. Krombein and Burks 1967:365. 3. Muesebeck et al. 1951:836. 4. TTU.
SYN: *Formica foetidus* Buckley; *Iridomyrmex mccoohi* Forel, 1878:382.
JAMAICA (1), MEXICO (1, 2, 4), AZ (1, 3, 4), CA (1, 2, 3), CO, KS, OK, NV, UT (2), TX (1, 2, 3), TX[TP] (4).
- Forelius nigriventris* Forel, 1912:44. On *Prosopis nigra* (2).
1. Kempf 1972:109. 2. TTU.
ARGENTINA (1, 2).
- Formica perpilosa* Wheeler, 1902:141. On *Prosopis glandulosa*, mesquite (4).
1. Krombein 1958:158. 2. Krombein and Burks 1967:370. 3. Muesebeck et al. 1951:867. 4. TTU.
SYN: *Formica fusca subpolita* var. *perpilosa* Wheeler.
MEXICO (3), NM (3, 4) west to CA (3), KS (1), WY (2).
- Iridomyrmex* sp. On *Prosopis nigra* (2).
1. Kempf 1972:124. 2. TTU.
ARGENTINA (2).
- Iridomyrmex pruinosus analis* (André), 1893:148. On *Prosopis glandulosa*, mesquite (5).
1. Kempf 1972:126. 2. Krombein 1958:140. 3. Krombein and Burks 1967:364. 4. Muesebeck et al. 1951:835. 5. TTU.
SYN: *Tapinoma anale* André; *Iridomyrmex pruinosus* var. *testaceus* Cole, 1936:121.
CUBA (4), GUATEMALA (1), MEXICO (1, 4, 5), CA to KS, OK, TX, north to ID, ND (3), AZ, NM, TX[STP] (5).
- Iridomyrmex pruinosus pruinosus* (Roger), 1863:165. On mesquite (5).
1. Kempf 1972:126. 2. Krombein 1958:140. 3. Krombein and Burks 1967:364. 4. Muesebeck et al. 1951:836. 5. TTU.
SYN: *Tapinoma pruinosum* Roger.
BAHAMAS, CUBA, MEXICO (1), NY to FL,

west to WI, NM, TX (4), TX[HP, TPI] (5).

Liometopum sp. On mesquite (2) - form nests beneath the bark and in crevices of trees (1).

1. Muesebeck et al. 1951:835. 2. TTU. MEXICO (2).

Monomorium minimum (Buckley), 1867:338. On *Prosopis glandulosa*, mesquite (5).

1. Kempf 1972:144. 2. Krombein 1958:128. 3. Krombein and Burks 1967:356. 4. Muesebeck et al. 1951:810. 5. TTU.

SYN: *Myrmica minima* Buckley; *M. atra* Buckley, 1867:342; *Monomorium minimum ergatogyna* Wheeler, 1904:269; *M. m. emersoni* (Gregg, 1915:66).

CANADA (1), MEXICO (1, 4, 5), PARAGUAY (1), UNITED STATES (1), TX [EP] (5).

Monomorium viridum peninsulatum Gregg, 1945:62. On *Prosopis* (1).

1. Krombein 1958:128. 2. Krombein and Burks 1967:356. 3. Muesebeck et al. 1951:811. 4. TTU.

SYN: *Monomorium peninsulatum* Gregg. MEXICO (4), FL (2, 3) and GULF COAST STATES to AZ, CO (2).

Myrmecocystus melliger melliger Forel, 1856:201. On *Prosopis laevigata*, *P.* sp., mesquite (3).

1. Krombein 1958:151. 2. Muesebeck et al. 1951:855. 3. TTU.

SYN: *Formica melligera* Llave, 1832:463; *Myrmecocystes melliger* Forel; *M. m. orbiceps* Wheeler, 1908:349.

MEXICO (2, 3), AZ (2), NM (2, 3), TX (2).

Myrmecocystus mimicus Wheeler, 1908:353. On mesquite (3).

1. Krombein 1958:152. 2. Muesebeck et al. 1951:855. 3. TTU.

SYN: *Myrmecocystus melliger mimicus* Wheeler; *M. melliger mimicus* var. *jesuita* Wheeler, 1908:354; *M. m. lomaensis* Wheeler, 1912:174; *M. m. semirufus* var. *romainei* Cole, 1936:120. AZ, CA (2), NM (2, 3), TX (2).

Neoponera villosa (Fabr.), 1804:409. On mesquite (1) colonies in trees: feed on other insects (3).

1. Kempf 1972:163. 2. Krombein 1958:111. 3. Muesebeck et al. 1951:785. 4. TTU.

SYN: *Formica villosa* Fabr.; *Neoponera bicolor* Guerin, 1815:242; *N. pedunculata* F. Smith, 1858:96; *N. pilosa* F. Smith, 1858:95.

MEXICO south to ARGENTINA (1, 3), TX (3), TX[STPI] (1)

Paracryptocerus spp. On *Prosopis caldenia*, mes-

quite (2).

1. Kempf 1972:175. 2. TTU. ARGENTINA, MEXICO (2).

Paracryptocerus jheringi (Emery), 1894:205. On *Prosopis caldenia*, *P. nigra* (2).

1. Kempf 1972:178. 2. TTU.

SYN: *Cryptocerus jheringi* Emery; *C. peltatus* Emery, 1896:633; *C. peltatus ellenriederi* Forel, 1911:258; *C. peltatus ellenriederi* var. *jocuns* Forel, 1913:235; *C. p. e.* var. *gaudens* Santschi, 1922:255.

ARGENTINA (1, 2), BRAZIL, PARAGUAY (1).

Paracryptocerus liogaster (Santschi), 1916:381. On *Prosopis nigra* (2).

1. Kempf 1972:178. 2. TTU.

SYN: *Cryptocerus liogaster* Santschi; *C. lanuginosus* Santschi, 1919:46; *C. lobigaster* Santschi, 1919:47; *C. lobigaster* var. *fides* Santschi, 1925:162.

ARGENTINA (1, 2).

Paratrechina (Nylanderia) sp. On *Prosopis glandulosa* (2).

1. Muesebeck et al. 1951:848. 2. TTU. TX[TP] (2).

Pheidole sp. On mesquite (2).

1. Muesebeck et al. 1951:799. 2. TTU. MEXICO (2).

Pogonomyrmex barbatus barbatus (F. Smith), 1858:130. On *Prosopis glandulosa*, *P. laevigata* (5).

1. Krombein 1958:114. 2. Krombein and Burks 1967:351. 3. Muesebeck et al. 1951:792. 4. Cole 1968:56. 5. TTU.

SYN: *Myrmica barbatus* F. Smith; *M. molefaciens* Buckley, 1860:445; *Pogonomyrmex barbatus* var. *molefaciens* (Buckley).

MEXICO (3, 5), AR (2, 4), AZ, CO, KS, NM, OK (4), TX (3, 4), TX[HP] (5).

Pseudomyrmex pallidus (F. Smith), 1855:159. On mesquite (5).

1. Kempf 1972:222. 2. Krombein 1958:112. 3. Krombein and Burks 1967:348. 4. Muesebeck et al. 1951:788. 5. TTU.

SYN: *Pseudomyrma pallida* F. Smith; *Leptalea pallida* (F. Smith); *Pseudomyrmex pallidus* (F. Smith).

CENTRAL AMERICA, SOUTH AMERICA, MEXICO (1, 4), TRINIDAD (1), WEST INDIES, NC to CA (4), TX[EP, STP] (5).

Pseudomyrmex gracilis mexicanus (Roger), 1863:178. On mesquite (4).

1. Kempf 1972:219. 2. Krombein and Burks 1967:3-8. 3. Muesebeck et al. 1951:788. 4. TTU.
 SYN: *Pseudomyrmex mexicana* Roger; *Leptalea gracilis mexicana* (Roger).
 MEXICO (1, 3, 4), SOUTH TX to CENTRAL AMERICA (1, 3), FL (2)
- Solenopsis* spp. On *Prosopis nigra*, mesquite (3).
 1. Kempf 1972:232. 2. Muesebeck et al. 1951:812. 3. TTU.
 ARGENTINA, MEXICO (3).
- Trachymyrmex* sp. On *Prosopis laevigata* (3).
 1. Kempf 1972:252. 2. Muesebeck et al. 1951:830. 3. TTU.
 MEXICO (3).
- Aphomyrmex* sp. On mesquite (2).
 1. Muesebeck et al. 1951:824. 2. TTU.
 MEXICO (2)

Halictidae

- Agapostemon tyleri* Ckll., 1917:241. On *Prosopis laevigata* (2).
 1. Muesebeck et al. 1951:1124. 2. TTU.
 MEXICO (2).
- Dialictus* spp. On *Prosopis glandulosa*, mesquite (2).
 1. Muesebeck et al. 1951:1119. 2. TTU.
 MEXICO, TX[HP, RP] (2).
- Halictus ligatus* Say, 1837:396. On mesquite (3).
 1. Krombein and Burks 1967:459. 2. Muesebeck et al. 1951:1104. 3. TTU.
 SYN: *Halictus poeyi* Lep., 1841:271; *H. capitatus* Smith, 1853:67; *H. armaticeps* Cr., 1872:239; *H. texanus* Cr., 1872:254; *H. ornaticipes* Cr., 1872:252; *H. townsendii* Ckll., 1893:293.
 CENTRAL AMERICA, NORTH AMERICA, SOUTH AMERICA as far south as COLOMBIA, WEST INDIES (2), MEXICO (2, 3).
- Sphexodes* sp. On *Prosopis laevigata* (2).
 1. Muesebeck et al. 1951:1120. 2. TTU.
 MEXICO (2).

Ichneumonidae

- Anomalon* sp. On mesquite (2) — elaterids are the usual hosts (1).
 1. Muesebeck et al. 1951:395. 2. TTU.
 NM (2).
- Bilira* sp. On *Prosopis nigra* (1).
 1. TTU.
 ARGENTINA (1).
- Compsocryptus* sp. On mesquite (3).
 1. Krombein and Burks 1967:111. 2. Muesebeck et al. 1951:263. 3. TTU.
 MEXICO (3)

- Cormobius* sp. On *Prosopis nigra* (1).
 1. TTU.
 ARGENTINA (1).
- Diadegma* sp. On mesquite (3).
 1. Krombein and Burks 1967:203. 2. Muesebeck et al. 1951:377. 3. TTU.
 NM (3).
- Gelis* sp. On mesquite (2).
 1. Muesebeck et al. 1951:238. 2. TTU.
 TX[RP] (2).
- Lissonota* sp. On *Prosopis laevigata* (3).
 1. Krombein and Burks 1967:171. 2. Muesebeck et al. 1951:311. 3. TTU.
 TX[STP] (3).
- Ophion* sp. On *Prosopis laevigata* (3).
 1. Krombein and Burks 1967:212. 2. Muesebeck et al. 1951:401. 3. TTU.
 MEXICO (3).
- Ophionellus* sp. On mesquite (2).
 1. Muesebeck et al. 1951:395. 2. TTU.
 MEXICO, NM (2).
- Physotarsus* sp. On *Prosopis glandulosa* (1).
 1. TTU.
 TX[HP] (1).

Megachilidae

- Heriades biscopula* (Mich.), 1939:54. On *Prosopis* (1, 4).
 1. Krombein 1958:237. 2. Krombein and Burks 1967:477. 3. Muesebeck et al. 1951:1155. 4. Michener 1939:54.
 SYN: *Ashmeadiella biscopula* Mich.
 AZ (3, 4), NM (3).

Mutillidae

- Dasymutilla* sp. On *Prosopis glandulosa* (2).
 1. Muesebeck et al. 1951:761. 2. TTU.
 TX[RP] (2).
- Dasymutilla clytemnestra* (Fox), 1899:246. On *Prosopis juliflora* (3).
 1. Krombein 1958:103. 2. Muesebeck et al. 1951:763. 3. A. R. Hardy, pers. comm.
 SYN: *Mutilla clytemnestra* Fox.
 CA (1, 3).
- Pseudomethoca* sp. On mesquite (2).
 1. Muesebeck et al. 1951:758. 2. TTU.
 MEXICO (2).
- Pseudomethoca frigida frigida* (Smith), 1855:60, or near. On mesquite (4) — hosts include *Ancistrocerus bivenimaculatus* (Sauss.) (3); *Augochlorella straita* (Prov.) and *Lasioglossum* spp. (2).
 1. Krombein 1958:103. 2. Krombein and Burks

1967:339. 3. Muesebeck et al. 1951:759. 4. TTU.
SYN: *Mutilla frigida* Smith; *M. canadensis*
Blake, 1871:252; *Photopsis cresson* Fox, 1890:
138; *Sphaerophthalma alveolata* Prov., 1895:
110; *Mutilla neoljerseensis* Dalla Torre, 1897:
65; *Pseudomethoca frigida* (Smith).

CANADA (3), MEXICO (3, 4), UNITED
STATES east of ROCKY MOUNTAINS (3).

Sphaerophthalma sp. On *Prosopis laevigata* (2).

1. Muesebeck et al. 1951:752. 2. TTU.
MEXICO (2).

Traumatotilla claraziana (Saussure). On *Pro-*
sopis caldenii (1).

1. TTU.

ARGENTINA (1).

Platygasteridae

Inostemma sp. On mesquite parasitoid of *Con-*
turinia sp. (2).

1. Muesebeck et al. 1951:708. 2. C. E. Rogers,
pers. comm.
TX[RP] (2).

Leptacis sp. On mesquite (2).

1. Muesebeck et al. 1951:716. 2. TTU.
MEXICO (2).

Synopeas sp. On mesquite parasitoid of *Con-*
turinia sp. (2).

1. Muesebeck et al. 1951:716. 2. C. E. Rogers,
pers. comm.
TX[RP] (2).

Pompilidae

Anoplius bellicosus (Banks), 1911:224. On *Pro-*
sopis glandulosa (2).

1. Muesebeck et al. 1951:930. 2. TTU.

SYN: *Psammochares bellicosus* Banks; *Lopho-*
pompilus antilone Banks, 1919:82.

AZ to FL, NJ (1), TX[RP] (2).

Auplopus caeruleus subcorticalis (Banks),
1910:251. On *Prosopis laevigata* (4) —preda-
ceous on *Anyphaena* sp., *Clubiona* sp., *Phidippus*
sp., *Trichtelus* sp. (3); mesquite (4).

1. Krombein 1958:174. 2. Krombein and Burks
1967:380. 3. Muesebeck et al. 1951:916. 4. TTU.
SYN: *Pseudagenia antennalis* Banks, 1910:82;

Auplopus caeruleus antennalis (Banks); *Pseu-*
dagenia arilla Banks, 1941:122.

MEXICO (1), UNITED STATES east of
ROCKY MOUNTAINS (1).

Hemipepsis ustulata ustulata Dahlbom, 1843:
123. On *Prosopis glandulosa* (2).

1. Muesebeck et al. 1951:909. 2. TTU.

SYN: *Hemipepsis ustulata* Dahlbom; *Mygnim-*

ia cressoni Banks, 1926:203.

MEXICO, AZ, CO, KS, NM, OK, TX, UT (1),
TX[RP] (2).

Pepsis thisbe Lucas, 1895:732. On *Prosopis glan-*
dulosa (4); mesquite (5).

1. Krombein 1958:171. 2. Krombein and Burks
1967:378. 3. Muesebeck et al. 1951:910. 4.
Swenson 1969:62. 5. TTU.

SYN: *Pepsis sayi* Banks, 1926:202; *P. sheril-*
lae Hurd, 1948:124.

MEXICO (1, 2), CA east to NE, TX (1), TX[HP]
(5), RP (4).

Pteromalidae

Dipachystigma sp. On mesquite parasitoid of
Conturinia sp. (2).

1. Muesebeck et al. 1951:545. 2. C. E. Rogers,
pers. comm.
TX[RP] (2).

Gastracanthus sp. On mesquite (2).

1. Krombein and Burks 1967:269. 2. TTU.
TX[TP] (2).

Halticoptera sp. On *Prosopis alba* (2).

1. Muesebeck et al. 1951:544. 2. TTU.
ARGENTINA (2).

Pachyneuron spp. On *Prosopis nigra*, *P.* sp. (2).

1. Muesebeck et al. 1951:539. 2. TTU.
ARGENTINA (2).

Pseudocatolaccus americanus Gahan, 1919:164.
On mesquite (2); parasitoid of *Asphondylia web-*
steri Felt (1).

1. Muesebeck et al. 1951:559. 2. C. E. Rogers,
pers. comm.
AZ (1), TX[RP] (2).

Scelionidae

Gryon sp. On mesquite (2).

1. Krombein and Burks 1967:299. 2. TTU.
MEXICO (2).

Idris sp. On *Prosopis*, mesquite (2).

1. Krombein and Burks 1967:297. 2. R. F. Wil-
key, pers. comm.
MEXICO (1), CA (1, 2).

Sparasion sp. On mesquite (2).

1. Muesebeck et al. 1951:701. 2. TTU.
TX[RP] (2).

Trissolcus sp. On mesquite (2).

1. Muesebeck et al. 1951:694. 2. TTU.
MEXICO (2).

Sphecidae

Ammophila breviceps Smith, 1856:221. On *Pro-*
sopis glandulosa (2).

1. Muesebeck et al. 1951:975, 2. TTU.
MEXICO (2), SOUTHWESTERN UNITED STATES (1).
Ammophila ferruginosa Cr., 1865:455. On mesquite (2).
1. Muesebeck et al. 1951:975, 2. TTU.
SYN: *Ammophila collaris* Cr., 1865:456; *Sphex cressoni* Smith, 1908:329.
MEXICO (2), MN to CA (1), NM (2).
Ammophila pruinosa Cr., 1865:455. On mesquite (2).
1. Muesebeck et al. 1951:976, 2. TTU.
SYN: *Sphex breviceps pruinosis* Fernald, 1931:87.
MEXICO (2), WESTERN UNITED STATES (1).
Astata clypeata Parker, 1962:651. On *Prosopis laevigata* (2).
1. Krombein and Burks 1967:387, 2. TTU.
MEXICO (1, 2), EAST SLOPE of ROCKY MOUNTAINS (1).
Cerceris sp. On *Prosopis glandulosa* (2).
1. Muesebeck et al. 1951:1004, 2. TTU.
TX[RP] (2).
Diodontus sp. On mesquite (2).
1. Muesebeck et al. 1951:958, 2. TTU.
NM (2).
Moniaccera asperata (Fox), 1895:199. On mesquite (3) predaceous on other insects (1).
1. Krombein and Burks 1967:420, 2. Muesebeck et al. 1951:1019, 3. TTU.
SYN: *Crabro asperatus* Fox.
AZ, CA, NM, TX (2), TX[RP] (3).
Philanthus gibbosus (Fabr.), 1775:370. On *Prosopis laevigata* (3) predaceous on various insects, principally halictid bees (1, 2).
1. Krombein and Burks 1967:413, 2. Muesebeck et al. 1951:1001, 3. TTU.
SYN: *Vespa gibbosus* Fabr.; *Philanthus punctatus* Say, 1824:342; *Cheilopogonus punctiger* Westwood, 1835:441; *Anthophilus gibbosus* Dahlbom, 1845:192; ?*A. nodosus* Klug, 1846:12; *Philanthus punctatus* var. *cockerelli* Dunning, 1897:69.
MEXICO (3), UNITED STATES and SOUTHERN CANADA (2).
Sphex speciosus (Drury), 1773:71. On *Prosopis glandulosa* (4) predaceous on *Tibicen* spp. (3).
1. Krombein 1958:193, 2. Krombein and Burks 1967:407, 3. Muesebeck et al. 1951:987, 4. TTU.
SYN: *Sphex speciosus* Drury; *Vespa trincta*

Fabr., 1775:363; *Stizus vespiformis* Latr., 1818: pt. 24, pl. 382.

EAST of ROCKIES, south into MEXICO (3), TX[RP] (4).

Tachysphex sp. On mesquite (2).

1. Muesebeck et al. 1951:949, 2. TTU.
TX[HP] (2).

Stephanidae

Megischus texanus Cr., 1872:190. On *Prosopis glandulosa* (2).

1. Muesebeck et al. 1951:90, 2. TTU.
MEXICO, AZ, CA, TX (1), TX[RP] (2).

Tanaostigmatidae

Dendrosema sp. On *Prosopis* (1).

1. TTU.
ARGENTINA (1).

Tanaostigmatodes spp. On *Prosopis glandulosa*-forms woody galls (2); mesquite (3).

1. Muesebeck et al. 1951:474, 2. Englehardt 1946:77, 3. TTU.
AZ, TX (2), TX[TP] (3).

Tanaostigmatodes howardii Ashmead, 1896:19. In *Prosopis* sp., *Acacia greggii*, *Mimosa biuncifera* - forms galls (1).

1. Muesebeck et al. 1951:474.
AZ, CA (1).

Tiphidae

Neotiphia parva A. and K., 1964:267. On mesquite (2).

1. Krombein and Burks 1967:323, 2. TTU.
MEXICO (1, 2), AZ, NM (1).

Paratiphia spp. On *Prosopis glandulosa* (2); mesquite (3).

1. Muesebeck et al. 1951:739, 2. Swenson 1969:62, 3. TTU.
TX[HP] (3), RP (2).

Tiphia spp. On *Prosopis laevigata*, *P.* sp., mesquite (2).

1. Muesebeck et al. 1951:735, 2. TTU.
ARGENTINA, MEXICO (2).

Torymidae

Podagrion sp. On mesquite (3).

1. Krombein 1958:82, 2. Muesebeck et al. 1951:583, 3. TTU.
NM (3).

Torymus spp. On *Prosopis nigra* (3); mesquite-parasitoid of *Asphondylia prosopidis* (2).

1. Muesebeck et al. 1951:520, 2. C. E. Rogers, pers. comm. 3. TTU.
ARGENTINA (3), TX[RP] (2).

Trichogrammatidae

Uscana semifumipennis Girault, 1911:23. On *Prosopis juliflora*—parasite of bruchid eggs (1, 2).

1. Muesebeck et al. 1951:424. 2. Bridwell 1920b:408.

HI (2), TX (1).

Vespidae

Eumenes bollii bollii Cr., 1872:232. On mesquite (3)—makes nests on twigs and provisions them with caterpillars (1).

1. Krombein 1958:163. 2. Muesebeck et al. 1951:881. 3. TTU.

SYN: *Eumenes bollii* Cr.

MEXICO, WESTERN UNITED STATES, ALBERTA (2), MD (1), TX[RP] (3)

Polistes apachus Saussure, 1857:314. On *Prosopis glandulosa* (2, 3).

1. Muesebeck et al. 1951:878. 2. Swenson 1969:62. 3. TTU.

SYN: *Polistes texanus* Cr., 1872:246.

MEXICO, CA, CO, KS, NM, OK, TX (1), TX [HP] (3), RP (2).

Polistes canadensis comanchus Saussure, 1857:314. On *Prosopis glandulosa* blooms (2).

1. Muesebeck et al. 1951:878. 2. TTU.

SYN: *Polistes comanchus* Saussure.

MEXICO, TX (1), TX[TP] (2).

Polistes canadensis navajoe Cr., 1868:383. On mesquite (2).

1. Muesebeck et al. 1951:878. 2. TTU.

SYN: *Polistes navajoe* Cr.; *P. navajoe* "Cresson" Dalla Torre, 1894:132.

MEXICO (2), AZ, CA, NM, TX (1), TX[TP] (2).

Polistes exclamans exclamans Viereck, 1906:201. On *Prosopis glandulosa*, mesquite (4).

1. Krombein 1958:163. 2. Krombein and Burks 1967:375. 3. Muesebeck et al. 1951:878. 4. TTU.

SYN: *Polistes exclamans* Viereck; *P. e. louisianus* Bequaert, 1940:14.

MEXICO, AL, AR, FL, GA, LA (3), MD (2), NC (3), NJ (2), SC, TX (3), TX[HP] (4).

Polistes flavus Cr., 1868:383. On *Prosopis glandulosa* blooms (2).

1. Muesebeck et al. 1951:878. 2. TTU.

MEXICO, AZ, CO, NM, TX, UT (1), TX[HP] (2).

Polistes instabilis Saussure. On mesquite (1).

1. TTU.

MEXICO (1).

Polybia sp. On *Prosopis* (1).

1. TTU.

ARGENTINA (1).

Stenodynerus sp. On *Prosopis glandulosa*, mesquite blooms (2).

1. Muesebeck et al. 1951:898. 2. TTU.

AZ, TX[HP] (2).

ISOPTERA

Kalotermitidae

Kalotermes (Paraneoterme) simplicicornis Banks, 1920:32. On *Prosopis*, mesquite—causes extensive damage to citrus orchards adjacent to mesquite (2).

1. Light 1933:100. 2. Bynum 1951:996.

SYN: *Neoterme simplicicornis* Light, 1929:68. TX to CA, NE (2) to MEXICO (1, 2), TX[STP] (2).

Rhinotermitidae

Reticulitermes humilis Banks, 1920:51. On mesquite—in stems of *Opuntia*, wood and stumps of various trees (2).

1. Light 1933:105. 2. Essig 1934:118.

MEXICO (1), AZ (1, 2), CA, NV, OR, WA (1).

LEPIDOPTERA

Acrolophidae

Acrolophus sp. near *cressoni* Wlsm. On *Prosopis* (2).

1. Dyar 1902:578. 2. TTU.

MEXICO (2).

Aegeriidae

Carmanta prosopis (Hy. Edwards), 1882:99. On *Prosopis glandulosa*—reared from woody galls of encyrtid (1); larvae inhabit mesquite galls (2).

1. Englehardt 1946:76. 2. Essig 1934:727.

SYN: *Aegeria prosopis* Hy. Edwards; *A. candescens* Hy. Edwards, 1882:123; *Sesia prosopis* Smith, 1891:21; *S. candescens* Beutenmüller, 1901:303; *Synanthedon prosopis* McDunnough, 1939:8737; *S. candescens* McDunnough, 1939:8739.

AZ (1, 2), TX[TP] (1).

Gelechiidae

Friseria cocherelli (Buseck), 1903:871. On *Prosopis* (1).

1. Hodges 1966:585.

SYN: *Gelechia cocherelli* Buseck.

NORTH AMERICA (1).

Geometridae

Anacamptodes fragilaria (Grossbeck), 1909: 194. Feeding on *Prosopis chilensis* - significant defoliation in absence of *Eumenes* wasp predators; however this insect has a wide host range including *Acacia*, *Amaranthus*, *Antigonon*, *Bauhinia*, *Calliandra*, *Cassia* spp., orange, rose, soybeans, turnip and others (1).

1. Zimmerman 1958a: 38.

SYN: *Cicora fragilaria* Grossbeck.

CA, III (1).

Nephodia marginata Warren. On *Prosopis* larvae completely defoliate and kill trees over large area, no other hosts recorded (1).

1. Orfila 1966: 2.

ARGENTINA (1).

Nipteria marginata Warren. On *Prosopis alba* larvae sometimes completely defoliate trees (1); *P. nigra* (1, 2).

1. Hayward 1958: 56, 2. TTU.

ARGENTINA (1, 2).

Semiothisa cyda (Druce). On *Prosopis glandulosa* (1).

1. TTU.

MEXICO (1).

Lasiocampidae

Tolype guentheri (Berg), 1883: 117. On *Prosopis alba*, *P. nigra*, *Acacia macracantha*, *Boehmeria caudata* larvae may defoliate *Prosopis* spp. and other hosts (1).

1. Hayward 1958: 57.

SYN: *Tirya caudata* Dogan, 1905: 151.

ARGENTINA (1).

Tolype viuda Schaus, 1924: 48. On *Prosopis alba*, *P. nigra*, *Acacia caven*, *Geoffroea decorticans*, *Mimosa hexandra*, and many other legumes larvae feed on *Prosopis* spp. (1).

1. Hayward 1958: 57.

SYN: *Tirya tumosa* Giacomelli, 1922: 226.

ARGENTINA (1).

Lycaenidae

Apodemia palmerii marginalis (Skinn.), 1920. Feeds on *Prosopis juliflora* var. *glandulosa* (2).

1. dos Passos 1964: 51, 2. Comstock and Damers 1932: 37.

SYN: *Apocynthia palmerii palmerii* (Edwards), 1899.

NORTH AMERICA (2).

Hemiargus gyas (Edw.), 1874: 210. On *Prosopis* (2).

1. dos Passos 1964: 63, 2. Dyar 1902: 45, 3. J.

A. Powell, pers. comm.

SYN: *Hemiargus ceranus gyas* Edwards; *H. ceranus* Fabr., 1793; *H. gyas zachacina* Butl. and Dru., 1872; *H. astragala* Wright, 1905; *H. florenciu* Clem, 1914.

NORTH AMERICA (3), AZ (1).

Leptotes trigemmatatus Butl. On *Prosopis tamarugo* damages fruits, flowers, and seeds (3).

1. dos Passos 1964: 62, 2. Dyar 1902: 46, 3. C. Klein, pers. comm.

CHILE (3).

Strymon leda Edw., 1882. On *Prosopis* (2).

1. dos Passos 1964: 56, 2. J. A. Powell, pers. comm.

SYN: *Strymon leda ines* Edw., 1882; *S. leda leda* Edw., 1882.

NORTH AMERICA (2).

Megalopygidae

Norape sp. On mesquite (1).

1. UAT.

AZ (1).

Noctuidae

Achaea janata (L.), 1758: 527. On *Prosopis chilensis* (1, 2); *Acacia farnesiana*, *Leucaena glauca* (1, 2); chili pepper, *Codiaeum*, cowpea, croton, daikon radish, *Desmanthus virgatus*, *Euphorbia bifida*, *E. geniculata*, *E. hirta*, *Macadamia*, *Pedilanthus tithymaloides*, Philippine pole bean, *Poinsetta*, *Polypodium* (?), *Ricinus communis*, rose, *Terminalia catappa*, "wong bok" cabbage - larvae feed on mesquite (1).

1. Zimmerman 1958a: 353, 2. Swezey 1946: 477.

SYN: *Phalaena (Geometra) janata* L.; *Phalaena (Noctua) melicerta* Drury, 1773: 46; *Achaea argilla* Swinhoe, 1901: 132; *Ophiusa ekeikei* Bethuen-Baker, 1906: 256; *Achaea melicerta*, of Hampton, 1913: 536, Fletcher, 1914: 386.

WIDESPREAD from INDIA through MALAYA and many PACIFIC ISLANDS to SOUTHEASTERN POLYNESIA (2), HI (1, 2). *Acontia areli* complex. On *Prosopis glandulosa* (2).

1. Crumb 1956: 50, 2. TTU.

TX[HP] (2).

Bulia sp. On *Prosopis* (2).

1. Crumb 1956: 274, 2. TTU.

MEXICO (2).

Bulia deducta (Morr.), 1874: 220. On *Prosopis* larvae feed on *Prosopis* (1).

1. Crumb 1956: 274, 2. Dyar 1902: 223.

SYN: *Cirrhobolina deducta* Morr.; *C. parvitensis*

Morr.; *C. incandescens* Grt.; *C. albina* Stkr.
MEXICO, AR, AZ, CA, CO, KS, NE, NM,
OK, TX, UT (1).

Heteranassa mima (Harv.), 1876:155. On *Prosopis*. *Acacia* (featsclaw) feeds on *Prosopis* (1).

1. Crumb 1956:284, 2. Dyar 1902:237.

SYN: *Campometra mima* Harv.

AZ (1, 2), CO (2), FL (1, 2), TX (1).

Melipotis spp. On *Prosopis* (2).

1. Crumb 1956:272, 2. R. F. Wilkey, pers. comm.
AZ, CA (2).

Melipotis indomita Walker. Feeds on *P. glandulosa* (5); on *Prosopis pallida* in Hawaii, damages *Samanca saman* (3); on mesquite (1, 2, 3, 4, 5, 6).

1. Crumb 1956:272, 2. Brisley 1924:94, 3. F. D. Bennett, pers. comm., 1. TAMU, 5. TTU, 6. UAT

SYN: *Melipotis ochreipennis* Harv.

PUERTO RICO (3), AZ (1, 3), CA (1, 6), CO (1), HI (3), KS, NM, NV, TX, UT (1), TX[GP] (4), HP (5), STP (1)

Melipotis nigrescens G. and R., 1866:20. On *Prosopis*—stripped mesquite for 150 miles (2).

1. Dyar 1902:220, 2. TAMU.

SYN: *Melipotis ochreipennis* Harvey.

CO, TX (1), TX[CTP, EP, RP] (2).

Melipotis ochrodes Guenée. On *Prosopis glandulosa*, *P. juliflora*, *P. pubescens*, *Yauco* larvae found in crevices in bark of algarrobo trees (1).

1. Wolcott 1936:136.

PUERTO RICO (1).

Rachiplusia ou (Guen.), 1852:348. On *Prosopis glandulosa* (3); *Chenopodium anthelminticum*, clover, cosmos, tobacco (2).

1. Crumb 1956:256, 2. Dyar 1902:200, 3. TTU.

SYN: *Autographa ou* Guen.; *A. fratella* Grt., 1871:161; *A. ouella* Strand.

AZ, CA, CO, FL, GA, IL, KS, LA, MN, MS, NC, NE, NM, NY, PA, TX (1, 2), TX[HP] (3).

Scelensis suero Guen. On *Prosopis* (1, 2).

1. Hayward 1958:60, 2. TTU.

ARGENTINA (1, 2).

Olethreutidae

Cryptophlebia carpophagoides Clarke. On *Prosopis tamarago*—damages seeds (1).

1. U. Klein, pers. comm.

CHILE (1)

Phycitidae

Plodia interpunctella (Huebner), 1827:310. On *Prosopis juliflora* (3)—attacks many stored products (2).

1. Dyar 1902:437, 2. Zimmerman 1958a:386, 3. Bridwell 1920a:337.

SYN: *Tinea interpunctella* Huebner; *Ephestia interpunctella* Meyrick, 1888:244; *Plodia interpunctalis* Butler, 1879:273.

CANADA, UNITED STATES (1), HI (2, 3).

Psychidae

Cryptothelea gloverii (Packard), 1863:291. On *Prosopis*, *Acacia*, *Carya*, *Citrus aurantium*, *Erythrina*, *Persca gratissima*, *Psidium guajava*, *Quercus*, *Rosa*, *Spondias mombin*, *Yucca* (1).

1. Davis 1964:59.

SYN: *Platoeceticus gloverii* Packard; *Psyche gloverii* Neomoeegen and Dyer, 1894:119; *Mananthea jonesi* (Barnes and Benjamin), 1922:47; *Platoeceticus jonesi* (Barnes and Benjamin), 1924:188; *Challia pizote* Schaus, 1927:185; *Oiketicoides pizote* (Schaus) Dalla Torre and Strand, 1929:100; *O. tristis* Vazquez, 1941:296.

GUATEMALA, HONDURAS, MEXICO, AZ, FL, GA, LA, MS, SC, TX[GP, PW, STP] (1).

Oiketicus bergii (Weyenbergh), 1884:17. On *Prosopis strombulifera* (1); *Prosopis* sp. (2); *Cassia aphylla* (1).

1. Davis 1964:104, 2. TTU.

SYN: *Psyche bergi* Weyenbergh; *Oiketicus oviformis* Koehler, 1939:462; *Clania oviformis* (Koehler), 1953:23.

ARGENTINA (1, 2).

Oiketicus horni Koehler, 1938:248. On *Prosopis* (1).

1. Davis 1964:154.

ARGENTINA (1).

Oiketicus townsendi mexicanus Gaede, 1936:1184. On *Prosopis juliflora*, *Acacia* sp., *Araucaria*, *Baccharis conferta*, *Ligustrum japonicum*, *Montanoa tormentosa*, *Pinus leiophylla*, *P. oocarpa*, *P. teocote*, *Quercus* sp., *Rosa* sp., *Schinus molle*, *Stevia* sp., *Taxodium mucronatum* (1); *Prosopis* sp. (2).

1. Davis 1964:116, 2. R. F. Wilkey, pers. comm.

SYN: *Oiketicus mexicanus* Gaede; *O. townsendi* form *dendrokomos* Vazquez, 1942:280; *O. multidentatus* Vazquez, 1942:289.

MEXICO (1).

Oiketicus townsendi townsendi Townsend, 1894:356. On *Prosopis odorata* (1); *P.* sp. (1, 2); *Robinia* (1).

1. Davis 1964:113, 2. R. F. Wilkey, pers. comm.

SYN: *Oiketicus townsendi* Townsend; *O. bonniwelli* Barnes and Benjamin, 1924:24; *O. town-*

scudii var. *bonniwelli* Barnes and Benjamin, 1926:5.

AZ (1), CA (2), NM, TX[CTP] (1)

Oiketicus toumeyii Jones, 1922:12. On *Prosopis juliflora*, *Ailanthus altissima*, *Baccharis ramulosa*, *Juniperus sempervirens*, *Mimosa* sp., *Prunus*, *Pyrus malus*, *Robinia neomexicana*, *Sapindus* sp. (1); *Prosopis* sp. (2).

1. Davis 1964:109. 2. R. F. Wilkey, pers. comm.
SYN: *Oiketecus mortonjonesi* Vazquez, 1949:339

MEXICO (1), AZ (1, 2), NM (1)

Oiketicus westwoodii Berg, 1882:217. On *Prosopis*, *Piptadenia cebil*, *P. communis* (1).

1. Davis 1964:145.

SYN: *Oicketicus westwoodii* Berg
ARGENTINA (1)

Thyridopteryx meadii Hy, Edwards, 1881:116. On *Prosopis*, *Larrea tridentata* (1).

1. Davis 1964:131.

SYN: *Thyridopteryx meadii* Kirby, 1892:501.
AZ, CA, TX[TP] (1)

Pyrilidae

Cryptoblabes aliena Swezey, 1909:24. Feeding on *Prosopis* blooms, on beans, coffee, corn, cotton, *Cyanca provera*, *Ficus macrophylla*, *Lantana*, mango, mulberry, orange, *Osmanthus*, *Philodendron*, *Plectronia*, *Ricinus*, *Samanea saman*, *Schnus terebinthifolius*, sorghum, sugarcane (1)

1. Zimmerman 1958b:360.
HI (1)

Ectomyelois ceratoniae (Zeller), 1939:176. In seeds and pods of *Prosopis juliflora*, *Acacia farnesiana*, *Caesalpinia monosperma*, *Haematoxylon campechianum*, *Samanea saman*, also in prepared dried fruits and nuts (1).

1. Zimmerman 1958b:360.

SYN: *Myelos ceratoniae* Zeller.

Neatly COSMOPOLITAN, HI (1)

Nephtopteryx sp. On *Prosopis* (2).

1. Dyar 1902:122. 2. TTU.
MEXICO (2)

Saturniidae

Automeris aspera (Fldr.), 1874:5. On *Prosopis alba*, *P. nigra* (1, 2), *Aspidosperma quebrachoblanco*, *Celtis spinosa*, *Mimosa hexandra*, *Tamarix* sp. (2)

1. Jorgensen 1934:60. 2. Hayward 1958:66.
SYN: *A. burmeisteri* Weyerburgh, 1886:117.

ARGENTINA (1, 2), BRAZIL, PARAGUAY (1).

Automeris oberthuri (Boisduval), 1875:241. On *Prosopis alba*, *P. nigra* (1, 2)—larvae live on *Prosopis* (1).

1. Hayward 1958:64. 2. TTU.

SYN: *Automeris flavia* Burmeister, 1878:481.
ARGENTINA (1, 2).

Dryocampa lineata Dognin. On *Prosopis nigra*—larvae on *P. nigra* (1).

1. Hayward 1958:63.

ARGENTINA (1).

Eupachardia calleta (Westwood), 1853:161. Feeds on *Prosopis* sp., *Acacia* sp., *Fouquieria splendens*, *Leucophyllum frutescens* (*texana*)—has been reared on other hosts including *Prunus* (1).

1. Ferguson 1972:230.

SYN: *Saturnia calleta* Westwood; *Platysamia polyommata* Tepper, 1883:66; *Eupachardia calleta* ab. *semicaeca* Cockerell, 1914:236; *E. calleta* form *caeca* Draudt, 1929:720; *E. calleta* form *diguetti* Bouvier, 1936:279.

GUATEMALA, MEXICO, AZ, TX[GP, STP, TP] (1).

Hemileuca juno Packard, 1872:87. Feeds on *Prosopis juliflora* (1).

1. Ferguson 1971:125.

SYN: *Hemileuca yavapai* Neumoegen, 1881:172.

MEXICO, AZ, CA, ID, NM, NV, UT (1).

Hemileuca tricolor (Packard), 1872:89. On mesquite (2).

1. Dyar 1902:74. 2. UAT.

SYN: *Euleucophaeus tricolor* Packard.
AZ (2), NM (1).

Sphingicampa heiligbrodti (Harvey), 1877:110. Feeds on *Prosopis juliflora* var. *glandulosa*, *Acacia farnesiana*, *A. rigidula* (1).

1. Ferguson 1971:42.

SYN: *Anisota heiligbrodti* Harvey.
MEXICO, TX[GP, STP, TP] (1).

Sphingicampa hubbardi (Dyar), 1902:76. Feeds on *Prosopis* sp., reared from mesquite (1).

1. Ferguson 1971:44.

SYN: *Syssphinx heiligbrodti hubbardi* Dyar.
MEXICO, AZ, NM, TX[CTP, STP] (1).

Syssphinx formosa Dognin, 1910:17. On *Prosopis* (1).

1. Jorgensen 1934:60.

SYN: *Syssphinx bilineata* (pars.) Giacomelli, 1911:18.

ARGENTINA (1).

Scythridae

Scythris spp. On *Prosopis* (2).

1. Dyar 1902:537. 2. TTU, NM (2).

Tineidae

Dyotopasta yumaella (Kearfott). On mesquite, *Echinocereus* (1).

1. TTU.
- SYN: *D. angustella* Wlshin.
TX[HP] (1).

Tortricidae

Laspeyresia membrana Heinrich. 1926:49. In *Prosopis* infesting pods (1, 2).

1. Heinrich 1926:49. 2. J. A. Powell, pers. comm.
- AZ, CA, NV, TX[EP, STP] (1).

Ofatulena duodecemstriata (Wlsm.), 1884:146. In *Prosopis* infesting pods (1, 3).

1. Dyar 1902:470. 2. Heinrich 1926:40. 3. J. A. Powell, pers. comm.
- SYN: *Grapholitha duodecemstriata* Wlsm.; *Enarmoma duodecemstriata* (Wlsm.), *Laspeyresia duodecemstriata* (Wlsm.).
AZ (1, 2), CA, NV, TX, UT (2).

Washiidae

Ithome spp. On *Prosopis tamaruga* (1); mesquite (2).

1. C. Klein, pers. comm. 2. C. E. Rogers, pers. comm.
- CHILE (1), TX[RP] (2).

Ithome concolorella (Chambers). On mesquite - infests large percentage of mesquite buds (1).

1. Rogers, pers. comm.
- TX[RP] (1).

NEUROPTERA

Chrysopidae

Chrysopa spp. On mesquite - predaceous on other arthropods (1).

1. TTU.
- MEXICO (1).

Chrysopa carnea Steph., 1836:117. On mesquite predaceous on other arthropods (2).

1. Tjeder 1960:148. 2. TTU.
- SYN: *Chrysopa florabunda* Fitch. 1856:88; *C. californica* Coquillett. 1890:288.
EUROPE, NORTH AMERICA (1), TX[RP] (2).

Chrysopa oculata Say, 1839:45. On *Prosopis* predaceous on other arthropods (1).

1. TTU.

SYN: *Chrysopa euryptera* Burm. 1902:980.
TX[RP] (1).

Hemerobiidae

Nomerobium psychodoides (Blanch.). On *Prosopis caldenia* - predaceous on other arthropods (1).

1. TTU.
- ARGENTINA (1).

ORTHOPTERA

Acrididae

Aeoloplides turnbulli (Caudell). On mesquite (1).

1. TTU.

TX[RP] (1).

Boopedon nubilum (Say), 1825:308. On mesquite (2).

1. Kirby 1910:128. 2. TTU.
- SYN: *Gryllus nubilus* Say; *Boopedon nigrum* Thomas. 1870:83; *B. nubilum* Thomas. 1873:341.

CO, KS, NM (1), TX[HP] (2).

Brachystola magna (Girard), 1854:260. On mesquite (2).

1. Kirby 1910:293. 2. TTU.
- SYN: *Brachyepplus magnus* Girard.
MEXICO (1, 2), TX[HP] (2).

Dactylotum bicolor pictum (Thomas), 1870:78. On mesquite (2).

1. Kirby 1910:542. 2. TTU.
- SYN: *Poepodetes pictum* Thomas; *Dactylotum pictum* Brun., 1908:335.

(COLOMBIA, MEXICO, WESTERN UNITED STATES (1), TX[HP, RP] (2).

Hesperotettix speciosus Scudder, 1871:250. On mesquite (2).

1. Kirby 1910:500. 2. TTU.
- SYN: *Pezotettix speciosa* Scudder; *Acridium frontalis* Thomas. 1872:448; *Hesperotettix speciosa* Scudder, 1898:57.

NORTH AMERICA (1), TX[HP, RP] (2).

Hesperotettix viridis (Thomas), 1872:450. On *Prosopis glandulosa* (2).

1. Kirby 1910:498. 2. TTU.
- SYN: *Caloptenus viridis* Thomas; *Ommatolampis viridis* Thomas. 1873:156; *Pezotettix viridis* Stal. 1878:14.

MEXICO, SOUTHERN UNITED STATES (1), TX[RP, TP] (2).

Melanoplus spp. On *Prosopis*, mesquite (1).

1. TTU.

MEXICO, TX[STP] (1).

Melanoplus differentialis (Thomas), 1865:450. On mesquite—wide host range (2).

1. Kirby 1910:528. 2. TTU.

SYN: *Acridium differentiale* Thomas; *Caloptenus differentialis* Walsh and Riley, 1868:187; *Oedipoda differentialis* Riley, 1873:14; *Pezotettix differentialis* Stal, 1878:14.

WIDESPREAD IN UNITED STATES (1), TX, HP, RP (2).

Melanoplus ponderosus (Scudder), 1875:473. On *Prosopis glandulosa* (2).

1. Kirby 1910:528. 2. TTU.

SYN: *Caloptenus ponderosus* Scudder; *C. robustus* Scudder, 1875:473; *Melanoplus robustus* (Scudder)

TX, RP (2).

Mermiria bivittata maculipennis Brun., 1890:54. On mesquite (2).

1. Kirby 1910:104. 2. TTU.

SYN: *Mermiria maculipennis* Brun.

TX (1), TX[HP, RP] (2).

Orphulella pelidna (Burm.), 1838:650. On *Prosopis glandulosa* (2).

1. Kirby 1910:120. 2. TTU.

SYN: *Gomphocerus pelidnus* Burm.; *Stenobothrus naucalipennis* Scudder, 1862:458; *S. propinquans* Scudder, 1862:461; *S. pelidnus* Thomas, 1873:95; *Orphula maculipennis* Morse, 1896:326; *O. pelidna* McNeill, 1897:234; *Orphulella pelidna* Scudder, 1899:179.

CUBA (1), TX[STP] (2).

Paradeimona mimica Scudder, 1889:43. On *Prosopis glandulosa*, mesquite (3); grasses (2).

1. Kirby 1910:496. 2. Zimmerman 1948:107. 3. TTU.

MEXICO (1), HI (2), TX[STP] (3).

Pacilottettix pantherinus (Walker), 1870:623.

On mesquite—prefers to feed on mesquite but often spreads into crops and pastures (2).

1. Kirby 1910:506. 2. Essig 1934:84.

SYN: *Acridium pantherinum* Walker; *Caloptenus (Hesperotettix) picticornis* Thomas, 1877:124; *Pacilottettix picticornis* Scudder, 1898:388. MEXICO (1), AZ (1), 2.

Schistocerca shoshone (Thomas), 1873:296. On *Passiflora*, cottonwood, grasses, poplar, willow and many crops (2).

1. Kirby 1910:459. 2. Essig 1934:79.

SYN: *Acridium shoshone* Thomas.

MEXICO (1), 2, AZ, CA, CO, ID, NM, NV, UT (2).

Syrbula admirabilis (Uhler), 1864:553. On mesquite (3).

1. Blatchley 1920:209. 2. Kirby 1910:107. 3. TTU.

SYN: *Stenobothrus admirabilis* Uhler.

FL, IL, IN, NE, NJ, NM, TX (2), TX[RP] (3). *Teichophrys* sp. On mesquite (1).

1. TTU.

MEXICO (1).

Blattidae

Diploptera dytiscoides (Serville), 1839:102. On *Prosopis*—damages cypress, *Prosopis*, lime and other plants by girdling and killing the twigs and limbs; *Acacia jarnesiana*, *Casuarina*, *Cryptomeria*, *Cupressus macrocarpa*, citrus, geraniums, fruits of mango, orange, papaya (1).

1. Zimmerman 1948:96.

SYN: *Blatta dytiscoides* Serville; *Eleutheroda dytiscoides* (Serville).

AUSTRALIA, CEYLON, EASTER ISLAND, FIJI, INDIA, INDO-PACIFIC, MARQUESAS, SAMOA, SINGAPORE, SOCIETY ISLANDS, HI (1).

Phasmatidae

Diapheromera velii velii Walsh, 1864:410. On *Prosopis glandulosa*, mesquite (2).

1. Kirby 1904:347. 2. TTU.

SYN: *D. veliei* Caud., 1903:876.

MEXICO, SOUTHERN UNITED STATES (1), NM, TX[HP, RP, STP] (2).

Tettigoniidae

Amblycorypha sp. On *Prosopis glandulosa* (2).

1. Kirby 1906:459. 2. TTU.

TX[STP] (2).

Cycloptilum sp. On mesquite (2).

1. Kirby 1906:59. 2. TTU.

MEXICO (2).

Dichopetala sp. On mesquite (2).

1. Kirby 1906:388. 2. TTU.

TX[STP] (2).

Dichopetala brevihastata Morse, 1902:381. On *Prosopis glandulosa* (2); mesquite (3).

1. Kirby 1906:388. 2. Swenson 1969:56. 3. TTU.

SYN: *Dichopetala brevicauda* Scudder, 1902:51.

MEXICO, NM (1), TX[RP] (2, 3).

Dichopetala emarginata Brunner, 1878:76. On mesquite (2).

1. Kirby 1906:388. 2. TTU.

TX[HP] (2).

Insara sp. On mesquite (2).

1. Kirby 1906:442. 2. TTU.

TN[TP] (2).

Scudderia spp. On *Prosopis glandulosa*, mesquite (2).

1. Kirby 1906:444. 2. TTU.

MEXICO, TN[STP] (2).

Scudderia furcata furcata Brunner, 1878:238. On mesquite (2).

1. Kirby 1906:445. 2. TTU.

TN (1), TN[HP, RP] (2)

THYSANOPTERA

Heterothripidae

Heterothrips prosopidis Crawford, 1943:93. On *Prosopis* (1, 3).

1. Bailey and Cott 1954:611. 2. Crawford 1943:93. 3. R. E. Wilkey, pers. comm.

AZ, CA (1, 3), TX (1).

Phlaeothripidae

Haplothrips goudeyi (Franklin), 1908:721. On *Prosopis chilensis* and in flowers of a wide range of other plants including crops (1).

1. Zimmerman 1948:111.

SYN: *Anthothrips goudeyi* Franklin; *A. usitatus* Bagnall, 1910:695.

COSMOPOLITAN (1).

Haplothrips flavitibia Moulton, 1928:117. On *Prosopis*, *Acacia koa*, *Aleurites moluccana*, *Auricularia* sp., *Eucalyptus* sp., *Eugenia cuminii*, *Mycena* (1).

1. Zimmerman 1948:438.

AUSTRAL ISLANDS, TAHITI, HI (1).

Leptothrips mali (Fitch), 1855:806. On *Prosopis juliflora*, *P. pubescens* (3) a predaceous species found feeding on other arthropods on almost any plant (2).

1. Bailey 1940:539. 2. Watson 1923:68. 3. R. E. Wilkey pers. comm.

SYN: *Phlaeothrips mali* Fitch; *Cryptothrips aspersus* Hinds, 1902:205; *C. californicus* Daniel, 1904:293; *Phyllothrips aspersus* Hood, 1908:305; *Leptothrips aspersus* Hood, 1909:249; *Liothrips meconnelli* Crawford, 1910:163.

BRAZIL (1), BARBADOS (2), CANADA, HONDURAS, MEXICO, PANAMA, ENTIRE UNITED STATES (1, 2).

Thripidae

Frankliniella gossypiana Hood, 1936:68. On mesquite, cotton (1).

1. UAT.

SYN: *Eurthrips gossypii* Morgan, 1913:9; *Frankliniella gossypiana* (Morgan).

AZ (1).

Frankliniella occidentalis (Pergande), 1895:392. On mesquite (1) -abundant on blossoms (3, 4); beans, mango, potatoes, and numerous trees and shrubs (2); and other crops (4).

1. Hinds 1903:79. 2. Watson 1923:39. 3. F. G. Werner, pers. comm. 4. TTU.

SYN: *Euthrips occidentalis* Pergande.

AZ (3, 4), CA, FL (2), TN[HP] (4).

Frankliniella rodeos Moulton. On *Prosopis tamarugo* - damages flowers (1).

1. C. Klein, pers. comm.

CHILE (1).

Taeniothrips hawaiiensis (Morgan), 1913:3. On *Prosopis*, widespread flower feeder with broad host range including crops (1).

1. Zimmerman 1948:415.

SYN: *Euthrips hawaiiensis* Morgan; *Thrips albipes* Bagnall, 1914:25; *T. hawaiiensis* var. *imitator* Priesner, 1934:267.

ORIENT, HI (1).

Thrips tabaci Lindeman, 1888:15. *Prosopis chilensis*, *P. juliflora* and a wide variety of other plants including crops (1).

1. Zimmerman 1948:422.

COSMOPOLITAN (1).

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 195a. Macrolepidoptera. Vol. 7, 542 pp.
 195b. Lepidoptera: Pyraloidea. Vol. 8, 150 pp.
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INSECT SPECIES INDEX

This index contains an alphabetical listing of all species of insects included in the checklist. Specific epithets are given first, followed by the subspecific epithet (if appropriate), author (if known), genus, and the order and family to which the insect belongs. Only the genus is given in cases where a specific determination was not available.

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HOST PLANT INDEX

This index contains an alphabetical listing of all host plants given in the checklist. The insects recorded on these hosts are listed alphabetically by specific epithet under the plant entry. All *Prosopis*, *Prosopis* sp., *Prosopis* spp., and mesquite entries are divided into general geographic areas to help in the interpretation of the species of *Prosopis* involved. All such entries for Texas are listed under "United States" and under *Prosopis glandulosa*, because this is the only species of *Prosopis* found in the State.

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- Trichodesma* sp. (Coleoptera: Anobiidae), 3
- tyleri* Ckll., *Agapostemon* (Hymenoptera: Halictidae), 54
- Prosopis nandubey*
- picturatus* (Fabr.), *Rhipibruchus* (Coleoptera: Bruchidae), 6
- Prosopis nigra*
- acutissimus* Stål, *Podisus* (Hemiptera: Pentatomidae), 40
- aeruginosa* Berg, *Thyanta* (Hemiptera: Pentatomidae), 40
- Allorhogas* sp. (Hymenoptera: Braconidae), 49
- angustipennis* Loew, *Diognites* (Diptera: Asilidae), 31
- Arhyssus* sp. (Hemiptera: Rhopalidae), 42
- aspera* (Pldr.), *Automeris* (Lepidoptera: Saturniidae), 60
- Bilira* sp. (Hymenoptera: Ichneumonidae), 54
- bitubera* (Santschi), *Conomyrma* (Hymenoptera: Formicidae), 51
- Bracon* spp. (Hymenoptera: Braconidae), 49
- Bradysia* sp. (Diptera: Sciaridae), 35
- brevispinosa* Mayr, *Crematogaster* (Hymenoptera: Formicidae), 51
- Camponatus* spp. (Hymenoptera: Formicidae), 51
- concoloripes* Beckyne (near), *Meacolaspis* (Coleoptera: Chrysomelidae), 19
- Canioseiuella* sp. (Diptera: Chloropidae), 33
- Copidosoma* sp. (Hymenoptera: Encyrtidae), 50
- Cormobius* sp. (Hymenoptera: Ichneumonidae), 54
- Empoasca* sp. (Homoptera: Cicadellidae), 43
- Euchenopa* sp. (Homoptera: Membracidae), 46
- Euphalerus* sp. (Homoptera: Psyllidae), 47
- Eurytoma* spp. (Hymenoptera: Eurytemidae), 51
- flaviceps* (Burmeister), *Stictopelta* (Homoptera: Membracidae), 47
- guentheri* (Berg), *Tolyte* (Lepidoptera: Lasiocampidae), 58
- hamatifera* Lac., *Urodera* (Coleoptera: Chrysomelidae), 21
- heringi* Aezel, *Tomoptagia* (Diptera: Tephritidae), 36
- Horismenus* spp. (Hymenoptera: Eulophidae), 50
- indeterminata* Walker, *Stictopelta* (Homoptera: Membracidae), 47
- Iridomyrmex* sp. (Hymenoptera: Formicidae), 52
- ihringi* (Emery), *Paracryptocerus* (Hymenoptera: Formicidae), 53
- larreae* Leon, *Protargionia* (Homoptera: Coccidae), 45
- lineata* Dognin, *Dryocampa* (Lepidoptera: Saturniidae), 60
- liogaster* (Santschi), *Paracryptocerus* (Homoptera: Formicidae), 53
- macellaris* (Fabr.), *Cochliomyia* (Diptera: Calliphoridae), 32
- Macrocentrus* spp. (Hymenoptera: Braconidae), 49
- marginata* Warren, *Nipteria* (Lepidoptera: Geometridae), 58
- naegeli* (Forel), *Ephcbomyrmex* (Hymenoptera: Formicidae), 52
- niger* Kieff. and Jorg., *Eschatocerus* (Hymenoptera: Cynipidae), 50
- nigriventris* Forel, *Forelius* (Hymenoptera: Formicidae), 52
- Novus* spp. (Hemiptera: Miridae), 39
- oberthuri* (Boisduval), *Automeris* (Lepidoptera: Saturniidae), 60
- Orasema* sp. (Hymenoptera: Eucharitidae), 50
- Orthotylus* sp. (Hemiptera: Miridae), 39
- Oscinella* spp. (Diptera: Chloropidae), 33
- Pachyneuron* spp. (Hymenoptera: Pteromalidae), 55
- Paratanus* sp. (Homoptera: Cicadellidae), 43
- paupercula* Spangberg, *Gypona* (*Obtusana*) (Homoptera: Cicadellidae), 43
- peltifera* Berg, *Lobepomis* (Hemiptera: Pentatomidae), 40
- Phytocoris* spp. (Hemiptera: Miridae), 39
- picturatus* (Fabr.), *Rhipibruchus* (Coleoptera: Bruchidae), 6
- Podisus* sp. (Hemiptera: Pentatomidae), 40
- prosopis* Kings., *Rhipibruchus* (Coleoptera: Bruchidae), 6
- proxima* Berg, *Smiliorachis* (Homoptera: Membracidae), 46
- quadridens* (Fabr.), *Ectatomma* (Hymenoptera: Formicidae), 52
- Rogas* sp. (Hymenoptera: Braconidae), 50
- sacculicornis* (End.), *Elachiptera* (Diptera: Chloropidae), 33
- Sarcophaga* spp. (Diptera: Sarcophagidae), 35
- Solenopsis* spp. (Hymenoptera: Formicidae), 54
- spinifera* Newman, *Cyllene* (Coleoptera: Cerambycidae), 13
- spinosa* Poppius, *Haarupia* (Hemiptera: Miridae), 38
- subrutiliceps* (Pic), *Tricorynus* (Coleoptera: Anobiidae), 3
- Tetrastichus* spp. (Hymenoptera: Eulophidae), 50
- Thionia* sp. (Homoptera: Issidae), 46
- Torymus* spp. (Hymenoptera: Torymidae), 56
- vagenotatus* (Pic), *Acanthoscelides* (Coleoptera: Bruchidae), 4
- viuda* Schaus, *Tolyte* (Lepidoptera: Lasiocampidae), 58
- Prosopis odorata*
- gibbithorax* (Schffr.), *Neltumius* (Coleoptera: Bruchidae), 6
- townsendi townsendi* Townsend, *Oiketicus* (Lepidoptera: Psychidae), 59
- Prosopis pallida*
- indomita* Walker, *Melipotis* (Lepidoptera: Noctuidae), 59
- Prosopis panta*
- longiscutus* Kings., *Pectinibruchus* (Coleoptera: Bruchidae), 6
- Prosopis pubescens*
- brevicauda* (Cwfd.), *Eupelmus* (Hymenoptera: Eupelmidae), 50

- cazieri* Nelson, *Acmaeoderoides* (Coleoptera: Buprestidae), 7
gibbithorax (Schffr.), *Neltumius* (Coleoptera: Bruchidae), 5
jaguarina Knull, *Acmaeodera* (Coleoptera: Buprestidae), 7
malii (Fitch), *Leptothrips* (Thysanoptera: Phlaeothripidae), 63
ochrodes Guenée, *Melipotis* (Lepidoptera: Noctuidae), 59
prosopis (LeC.), *Algarobius* (Coleoptera: Bruchidae), 5
wickhami Fisher, *Chrysobothris* (Coleoptera: Buprestidae), 10
Prosopis rubriflora
duplicata Monros (near), *Trodera* (Coleoptera: Chrysomelidae), 21
Eupelmus sp. (Hymenoptera: Eupelmidae), 50
Geron sp. (Diptera: Bombyliidae), 32
Oliarus spp. (Homoptera: Cixiidae), 44
Phytoecoris spp. (Hemiptera: Miridae), 39
Thinobatis sp. (Coleoptera: Tenebrionidae), 31
Prosopis ruscifolia
Apion spp. (Coleoptera: Curculionidae), 23
Coremia sp. (Coleoptera: Cerambycidae), 13
vagenotatus (Pic), *Acanthoscelides* (Coleoptera: Bruchidae), 4
Prosopis siliquastrum
picuratus (Fabr.), *Rhipibruchus* (Coleoptera: Bruchidae), 6
Prosopis strombulifera
bergii (Weyenbergh), *Oiketicus* (Lepidoptera: Psychidae), 59
Emesina (subfamily) spp. (Hemiptera: Reduviidae), 41
longescutus (Pic), *Acanthoscelides* (Coleoptera: Bruchidae), 4
prosopis Kings., *Rhipibruchus* (Coleoptera: Bruchidae), 6
Prosopis tamarugo
carphagoides Clark, *Cryptophlebia* (Lepidoptera: Olethreutidae), 59
icrrugineipennis (Blanch.), *Acanthoscelides* (Coleoptera: Bruchidae), 4
Ithome spp. (Lepidoptera: Washiidae), 61
rodeos Moulton, *Frankliniella* (Thysanoptera: Thripidae), 63
texana Crawford, *Heteropsylla* (Homoptera: Psyllidae), 48
trigemmatas Butl., *Leptotes* (Lepidoptera: Lycaeniidae), 58
Prosopis torquata
prosopidis Kieff. and Jorg., *Ophisthocelis* (Homoptera: Coccidae), 45
Prosopis velutina
arizonensis (Schffr.), *Neltumius* (Coleoptera: Bruchidae), 5
prosopis (LeC.), *Algarobius* (Coleoptera: Bruchidae), 5
translucens Tucker, *Orthotylus* (Hemiptera: Miridae), 39
Prunus sp.
calleta (Westwood), *Eupeckardia* (Lepidoptera: Saturniidae), 60
towneyi Jones, *Oiketicus* (Lepidoptera: Psychidae), 60
Psidium guajava
gloverii (Packard), *Cryptothelea* (Lepidoptera: Psychidae), 59
Pyrus malus
towneyi Jones, *Oiketicus* (Lepidoptera: Psychidae), 60
Quercus spp.
arizonica Schffr., *Polycesta* (Coleoptera: Buprestidae), 10
batesi Horn, *Metaleptus* (Coleoptera: Cerambycidae), 14
caprea (Say), *Neocyttus* (Coleoptera: Cerambycidae), 14
chiricahuae (Fall), *Acanthoscelides* (Coleoptera: Bruchidae), 4
cozum (L.), *Tragidion* (Coleoptera: Cerambycidae), 17
geminatus geminatus LeC., *Derobrachus* (Coleoptera: Cerambycidae), 13
gloverii (Packard), *Cryptothelea* (Lepidoptera: Psychidae), 59
salluaci (Sharp), *Mimosestes* (Coleoptera: Bruchidae), 5
townsendi mexicanus Gaede, *Oiketicus* (Lepidoptera: Psychidae), 59
Quercus hypoleuca
arizonica Schffr., *Polycesta* (Coleoptera: Buprestidae), 10
Quercus hypoleucoides
robustus Schffr., *Mastogenius* (Coleoptera: Buprestidae), 10
Quercus undata
plagiatus (Fabr.), *Laemosaccus* (Coleoptera: Curculionidae), 24
Ricinus sp.
aliena Swezey, *Cryptoblates* (Lepidoptera: Pyralidae), 60
janata (L.), *Achaea* (Lepidoptera: Noctuidae), 58
Robinia sp.
towneyi Jones, *Oiketicus* (Lepidoptera: Psychidae), 60
townsendi townsendi Townsend, *Oiketicus* (Lepidoptera: Psychidae), 59
Robinia pseudacacia
robiniae (Forster), *Megacyllene* (Coleoptera: Cerambycidae), 14
surinamum (L.), *Achryson* (Coleoptera: Cerambycidae), 12
Rochbrush
olneyae (Skinner), *Ancylotela* (Coleoptera: Buprestidae), 8
Rosa sp.
fragilaria (Grossbeck), *Anacamptodes* (Lepidoptera: Geometridae), 58
gloverii (Packard), *Cryptothelea* (Lepidoptera: Psychidae), 59
janata (L.), *Achaea* (Lepidoptera: Noctuidae), 58
townsendi mexicanus Gaede, *Oiketicus* (Lepidoptera: Psychidae), 59

- Salsola* sp.
maculata (Say), *Epicauta* (Coleoptera: Meloidae), 27
- Samanea saman*
aliena Swezey, *Cryptoblabes* (Lepidoptera: Pyralidae), 60
ceratoniae (Zeller), *Ectomyelois* (Lepidoptera: Pyralidae), 60
indomita Walker, *Melipotis* (Lepidoptera: Noctuidae), 59
limbatus (Horn), *Stator* (Coleoptera: Bruchidae), 6
Sapindus spp.
reichei vilis Csy., *Euderces* (Coleoptera: Cerambycidae), 13
tommeji Jones, *Oiketicus* (Lepidoptera: Psychidae), 60
- Schinus* sp.
aliena Swezey, *Cryptoblabes* (Lepidoptera: Pyralidae), 60
tobigenis (Bates), *Stenodontes* (Coleoptera: Cerambycidae), 16
townsendi mexicanus Gaede, *Oiketicus* (Lepidoptera: Psychidae), 59
- Schnopsis* sp.
surinamum (L.), *Achryson* (Coleoptera: Cerambycidae), 12
- Solanum douglassii*
haltcata LeC., *Diabrotica* (Coleoptera: Chrysomelidae), 18
- Solanum elaeagnifolium*
longicollis (LeC.), *Epicauta* (Coleoptera: Meloidae), 27
maculata (Say), *Epicauta* (Coleoptera: Meloidae), 27
pardalis LeC., *Epicauta* (Coleoptera: Meloidae), 28
- Solidago* sp.
haliotoides Smith, *Perdita* (Hymenoptera: Andrenidae), 48
- Sorghum*
aliena Swezey, *Cryptoblabes* (Lepidoptera: Pyralidae), 60
mulleinipunctata Mannh., *Diabrotica* (Coleoptera: Chrysomelidae), 18
- Soursop*
aliena Swezey, *Cryptoblabes* (Lepidoptera: Pyralidae), 60
- Soybeans*
fragilaria (Grossbeck), *Anacamptodes* (Lepidoptera: Geometridae), 58
varivestis Muls., *Epilachna* (Coleoptera: Coccinellidae), 22
- Sphaeralcea* sp.
sonoriensis Jac. (near), *Saxinis* (Coleoptera: Chrysomelidae), 21
spretus Dietz, *Smicronyx* (Coleoptera: Curculionidae), 26
texana Crawford, *Heteropsylla* (Homoptera: Psyllidae), 48
- Sphaeralcea angustifolia*
spretus Dietz, *Smicronyx* (Coleoptera: Curculionidae), 26
- Spondias mombin*
gloverii (Packard), *Cryptothelea* (Lepidoptera: Psychidae), 59
Stephanomeria spp.
rossi (Cazier), *Acmacoderooides* (Coleoptera: Buprestidae), 8
Stevia sp.
townsendi mexicanus Gaede, *Oiketicus* (Lepidoptera: Psychidae), 59
- Sugarcane*
aliena Swezey, *Cryptoblabes* (Lepidoptera: Pyralidae), 60
costalis (Fabr.), *Cuernia* (Homoptera: Cicadellidae), 43
knoblauchii (Berg), *Deois* (Homoptera: Cercopidae), 42
- Sunflowers* (wild)
spretus Dietz, *Smicronyx* (Coleoptera: Curculionidae), 26
- Sycamore*
ruficornis Say, *Ptilinus* (Coleoptera: Anobiidae), 3
- Tamarindus* sp.
surinamum (L.), *Achryson* (Coleoptera: Cerambycidae), 12
Tamarindus indicus
goragra (Fabr.), *Caryoborus* (Coleoptera: Bruchidae), 5
- Tamarix* sp.
aspera (Fldr.), *Automeris* (Lepidoptera: Saturniidae), 60
martini (Fall), *Pseudozonitis* (Coleoptera: Meloidae), 28
texana Crawford, *Heteropsylla* (Homoptera: Psyllidae), 48
- Taxodium mucronatum*
townsendi mexicanus Gaede, *Oiketicus* (Lepidoptera: Psychidae), 59
- Terminalia catappa*
janata (L.), *Achaca* (Lepidoptera: Noctuidae), 58
- Tepehuage* (also tepeguaje)
acutipennis Chev., *Chrysobothris* (Coleoptera: Buprestidae), 9
analis LeC., *Chrysobothris* (Coleoptera: Buprestidae), 9
basalis LeC., *Chrysobothris* (Coleoptera: Buprestidae), 9
texanus Schffr., *Paragrillus* (Coleoptera: Buprestidae), 10
- Thurberia* sp.
senex LeC., *Schizax* (Coleoptera: Cerambycidae), 16
- Tobacco*
ou (Guen.), *Rachiplusia* (Lepidoptera: Noctuidae), 59
- Turnips*
fragilaria (Grossbeck), *Anacamptodes* (Lepidoptera: Geometridae), 58
- Ulmus* sp.
caprea (Say), *Neoclytus* (Coleoptera: Cerambycidae), 14
caryae (Gahan), *Megacyllene* (Coleoptera: Cerambycidae), 14
Ulmus crassifolia
surinamum (L.), *Archryson* (Coleoptera: Cerambycidae), 12

- Vachellia farnesiana*
lebasii LeFev., *Colaspis* (Coleoptera : Chrysomelidae), 17
plagiatus (Fabr.), *Laemosaccus* (Coleoptera : Curculionidae), 24
prosopis (LeC.), *Algarobius* (Coleoptera : Bruchidae), 5
- Verbascum* sp.
annulatum LeC., *Tragidion* (Coleoptera : Cerambycidae), 16
- Verbesina encelioides*
picicollis Stål, *Zygogramma* (Coleoptera : Chrysomelidae), 21
- Viguiera stenoloba*
sordidum Smith, *Apion* (Coleoptera : Curculionidae), 23
- Vitis* spp.
curvae (Gahan), *Megaecyllene* (Coleoptera : Cerambycidae), 14
- Walnut
cibereus Horn, *Pandeleterius* (Coleoptera : Curculionidae), 25
cornutus (Pallas), *Amphicercus* (Coleoptera : Bostriichidae), 3
- Willow
shoshone (Thomas), *Schistocerca* (Orthoptera : Acrididae), 62
- Wislezonia* sp.
renardii Kolenati, *Zelus* (Hemiptera : Reduviidae), 41
- Yucca
ochrodes Guenée, *Melipotis* (Lepidoptera : Noctuidae), 59
- Yucca*
gloverii (Packard), *Cryptothela* (Lepidoptera : Psychridae), 59
- Zexmenia brevifolia*
sordidum Smith, *Apion* (Coleoptera : Curculionidae), 23
- Ziziphus* sp.
senex LeC., *Schizax* (Coleoptera : Cerambycidae), 16
- Zygophyllaceae
postica LeC., *Pyrota* (Coleoptera : Meloidae), 28
- Wide host range
abdominalis (Say), *Olla* (Coleoptera : Coccinellidae), 23
albifasciatus (Reuter), *Spanagonicus* (Hemiptera : Miridae), 39
vertoniae (Zeller), *Ectomyelois* (Lepidoptera : Pyralidae), 60
cingulata (Say), *Oncideres* (Coleoptera : Cerambycidae), 14
convergens Guérin, *Hippodamia* (Coleoptera : Coccinellidae), 23
eristatus (L.), *Arilus* (Hemiptera : Reduviidae), 41
differentialis (Thomas), *Melanoplus* (Orthoptera : Acrididae), 62
forticornis Reuter, *Rhinocloa* (Hemiptera : Miridae), 39
fragilaria (Grossbeck), *Anacamptodes* (Lepidoptera : Geometridae), 58
gibbula LeC., *Acmacodera* (Coleoptera : Buprestidae), 6
gowdeyi (Franklin), *Haplothrips* (Thysanoptera : Phlaeothripidae), 63
hawaiiensis (Morgan), *Tacniothrips* (Thysanoptera : Thripidae), 63
hexacantha (Fairm.), *Xyloprista* (Coleoptera : Bostriichidae), 4
hilaris (Say), *Acrosternum* (Hemiptera : Pentatomidae), 39
histrionica (Hahn), *Murgantia* (Hemiptera : Pentatomidae), 40
humilis Banks, *Reticulitermes* (Isoptera : Rhinotermitidae), 57
ligata (Say), *Chlorochroa* (Hemiptera : Pentatomidae), 40
lineolaris (Palisot de Beauvois), *Lygus* (Hemiptera : Miridae), 38
lobigenis (Bates), *Stenodontes* (Coleoptera : Cerambycidae), 16
mali Horn, *Chrysobothris* (Coleoptera : Buprestidae), 9
mali Fitch, *Leptothrips* (Thysanoptera : Phlaeothripidae), 63
Nysius sp. (Hemiptera : Lygaeidae), 38
occidentalis (Pergande), *Frankliniella* (Thysanoptera : Thripidae), 63
pallido-virens spinosa (Stål), *Thyanta* (Hemiptera : Pentatomidae), 40
pautherinus (Walker), *Pocillotettix* (Orthoptera : Acrididae), 62
pisi (Harris), *Macrosiphum* (Homoptera : Aphididae), 42
quadrisignatus (Say), *Enoclerus* (Coleoptera : Cleridae), 21
rossi (Cazier), *Acmacoderoidea* (Coleoptera : Buprestidae), 8
sayi (Stål), *Chlorochroa* (Hemiptera : Pentatomidae), 40
shoshone (Thomas), *Schistocerca* (Orthoptera : Acrididae), 62
sircifolius (Walker), *Cephisus* (Homoptera : Cercopidae), 42
tabaci Lindeman, *Thrips* (Thysanoptera : Thripidae), 63
tenellus (Baker), *Circulifer* (Homoptera : Cicadellidae), 42
tenellus Barber, *Nysius* (Hemiptera : Lygaeidae), 38
undecimpunctata Mannh., *Diabrotica* (Coleoptera : Chrysomelidae), 18
varivestis Muls., *Epilachna* (Coleoptera : Coccinellidae), 22

APPENDIX.—OLD WORLD INSECTS
RECORDED ON *PROSOPIS*

Coleoptera

Bostrichidae

- Apate francisca* Fabr., AFRICA, PUERTO RICO.
Lyctus africanus Lesne., AFRICA, INDIA, MADAGASCAR, PHILIPPINES.
Sinoxylon anale Lesne., AUSTRALIA, INDOMALAYSIA.
Sinoxylon capillatum Lesne., KASHMIR.
Sinoxylon crassum Lesne., HIMALAYAS, INDIA, INDOCHINA.
Sinoxylon indicum Lesne., BURMA, INDIA.
Trogoxylon auriculatum Lesne., INDIA.
Trogoxylon spinifrons Lesne., INDIA.
Xylonites reflexicauda Lesne., IRAN.

Bruchidae

- Bruchus uberatus* Fabr., INDIA.
Caredon serratus (Olivier), MURITANIA.
Pachymerus gonager Fabr., INDIA.

Buprestidae

- Chrysobothris undamana* Kerremans, INDIA.
Chrysobothris boesoni Obenberger, INDIA.
Melanophila coriacea Kerremans, INDIA.

Cerambycidae

- Celosterna scabrator* Fabr., INDIA.
Stromatium barbatum Fabr., BURMA, CEYLON, INDIA, MADAGASCAR.

Homoptera

Aleyrodidae

- Aleurotrachelus alhagii*, EGYPT.

Aphidae

- Aphis cracciuora* Koch., INDIA.

Cicadellidae

- Moonia* sp., INDIA.

Coccidae

- Icerya formicarum* Newstead, INDIA.
Laccifer lacca Kerr, INDIA.

Membracidae

- Oxyrhachis tarandus* (Fabr.), FRANCE, INDIA, PHILIPPINE ISLANDS, SYRIA, NORTH and WEST AFRICA.

Isoptera

Hodotermitidae

- Anacanthotermes macrocephalus* Desneux, INDIA.

Lepidoptera

Arbelidae

- Indarbela betraonis* (Fabr.), INDIA.

Lymantriidae

- Casama vilis* Walker, INDIA.

END