



Inventory of Insects

Big Bend National Park, Texas

A.E. Van Pelt

2007

Report to Big Bend National Park

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**INSECT SPECIES FROM BIG BEND
NATIONAL PARK
2007**

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ABSTRACT: This inventory contains 4500 insect species collected in or near Big Bend National Park, Texas since its inception in 1944. Each entry contains annotated data on the associated species. There are 179 primary types that have been described from this material. An extensive reference section is appended.

Keywords: Big Bend National Park, holotypes, paratypes, allotypes, insects, annotated list, inventory, references

Introduction

Big Bend National Park is a large area of over 800,000 acres, the centerpiece of which is the Chisos Mountains, described as an island in the Chihuahuan Desert. Habitats range from the high Chisos Mountains, characterized by Ponderosa Pine (*Pinus ponderosa*), Arizona Cypress (*Cupressus arizonica*) and Douglas Fir (*Pseudotsuga menziesii*), through oak-pinyon-juniper and grassland associations to desert and the riparian vegetation along the Rio Grande. From Emory Peak (7825 feet), elevations descend steeply to foothills characterized by volcanic dikes and ash (about 3500 feet), and then a moderate slope to the Rio Grande River (about 2000 feet). The variety of habitats and microhabitats in the Park provides for numerous plant and animal species, some of which are endemic.

Researchers have visited the Big Bend area and made collections of plants and animals since the 1800's. Big Bend National Park was established in 1944, and over the years a large number of species have been collected in the Park, and many of these have been new to science. This Inventory will provide a basis for future ecological and taxonomic work.

R. H. Baker made the first large general collection in 1937 as a background study for the proposed National Park. Subsequently, collectors confined their activities to specific orders or families or genera of insects. In the 1930's and 1940's, M. Sanderson collected Coleoptera; in the 1940's E. Tinkham surveyed the Orthoptera; and in the 1950's and 1960's H. Howden, J. K. Knull, and C. A. Triplehorn investigated the Coleoptera. More recently, R.S. Anderson, W. E. Clark, H. R. Burke, particularly, have added significant data on weevils, as well as other beetles; In. 2005, E. G. Riley compiled an overview of his collections of the Coleoptera of the Park, including latitude and longitude. Andre Blanchard, E. C. Knudson and R. O. Kendall have done the most significant work on the Lepidoptera. A. F. Van Pelt (ants), H. Evans, T. Griswold and E. E. Grissell (wasps and bees) and James B. Woolley and R. A. Wharton (parasitic wasps) have produced extensive records of Hymenoptera. Several other investigators have made, and are making, important contributions to the study of insects in the Park.

This paper documents 4800 entries representing insects collected by research studies in the Park, of which about 320 are listings of families, and 4500 are species or subspecies of insects. Of this number, 179 specimens are primary types.

(See Van Pelt, 2002). The entries in the list contain the type locality, and full citations occur at the end of this paper under References. Information under Data is incorporated in this Inventory in the format provided by the collector or author of the paper from which the information was extracted. If a species has become a synonym, that name will appear in brackets in the Data section. Also in the Data field, semi-colons are used to separate collections in an entry, and “+” is used to separate elements of an entry that have data in common. “TAM” represents the location of specimens examined at Texas A&M University, whereas “TAMU” designates specimens deposited by researchers in the same University. “IAR” indicates an investigator’s annual report to the Park. Abbreviations of collecting sites and of collectors are given in separate sections below. The inventory list is arranged phylogenetically through families, with the genera and species listed alphabetically under each family..

During the time that other research was carried on at Big Bend National Park, additions and revisions to this Inventory have been produced. A survey of the ants of the high Chisos Mountains was published in 1983 (Van Pelt), and was followed by a checklist of the Hymenoptera of Big Bend National Park (Van Pelt, 1987). Annotated lists of the all insects of the Park followed in 1989, 1990, 1995 and 1999 (Van Pelt). The data for these lists were obtained from an on-site study at Texas A&M University, from the Big Bend National Park Collection, from individual investigators, and from the Library at the Division of Science and Resource Management at the Park. Any errors in identification or synonymy will be addressed in a future paper.

Some insects groups, e.g., Lepidoptera and Coleoptera, have been better documented, but others have not (e.g., Collembola, Diptera). These latter provide an excellent opportunity for investigation.

Acknowledgements

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ABBREVIATIONS IN INVENTORY LIST

COLLECTING SITES: **BBNP** – in Park, area not designated; **9PD** -- Nine Point Draw; **AG** -- Alkaline Grassland ; **AS** --Arroyo Scrub; **Asp** -- Alamo Spring; **BBM** -- Boquillas Beaver Marsh; **BC** -- Boquillas Canyon area; **BCC** -- Blue Creek Canyon; **BM** -- Burro Mesa; **BSD** -- Bone Springs Draw; **BtS** -- Boot Springs; **BuL** -- Buttrill Spring Lodge; **BuS** -- Buttrill Spring; **CA** – Castolon; **CaS** -- Canyon Scrub; **CB** – Chisos Basin; **CC** -- Cottonwood Creek; **CF** – Cattail Falls; **CM** – Chisos Mountains; **COS** – Cosmopolitan; **CrS** -- Creosote Scrub; **CS** – Croton Springs; **DC** -- Dog Canyon; **DF** -- Dagger Flat; **DHM** -- Dead Horse Mountains; **DW** – Dugout Wells; **E.BuS** -- Spring 4.95 mi E. Buttrill Spring; **ECB** -- East of Chalk Bluffs, BiBNP; **EP** -- Emory Peak; **FS** -- Fresno Spring; **GG** – Green Gulch; **GH** – Grapevine Hills; **GL** – Grasslands; **GnS** – Glenn Springs; **GR** -- Graham Ranch; **GrG** – Grama Grassland; **GS** – Government Springs; **HS** – Hot Springs; **JC** – Juniper Canyon; **KB** – K-Bar Research Station; **KM** -- Kit Mountain; **LBC** – Lower Blue Creek; **LJS** -- Lower Juniper Springs; **LM** -- Lone Mountain; **LMT** -- Lost Mine Trail (to Peak);

MC -- Maple Canyon; **MEO** -- Mule Ears Overlook; **MES** -- Mule Ears Spring; **Mes** -- Mesquite Scrub; **Mix** -- Mixed Scrub and Succulent Scrub; **ML** -- Mariola Lechuguilla; **Mo** -- Mosaic: Semidesert Grassland; Mariola Lechuguilla **MS** -- Mariola Scrub; **NM** -- Nugent Mountain; **NPD** -- Nine Point Draw; **NR** -- North Rosillos Mountains; **OC** -- Oak Creek; **OS** -- Oak Springs; **OW** -- Oak Woodland; **PB** -- Pulliam Bluff; **PC** -- Pine Canyon; **PG** -- Paint Gap Hills; **PJ** -- Panther Junction; **PM** -- Panther Mountain; **PrG** -- Persimmon Gap; **PP** -- Panther Pass; **PS** -- Panther Springs; **RGV** -- Rio Grande Village; **RH** -- Rock Hut; **Ri** -- Riparian; **RM** -- Rosillos Mountains; **RMS** -- Rosillos Mountains Summit; **RR** -- Rough Run; **SDG** -- Semidesert Grassland; **SEC** -- Santa Elena Canyon; **SN** -- Sam Nail Ranch; **SoR** -- Solis Ranch; **SR** -- South Rim; **SRT** -- South Rim Trail; **SV** -- Sotol Vista; **TC** -- Tornillo Creek; **TeC** -- Terlingua Creek; **TF** -- Tornillo Flat; **TrC** -- Trough Canyon; **UJS** -- Upper Juniper Spring; **UTC** -- Upper Tornillo Creek; **WR** -- Wilson Ranch; **WS** -- Wasp Spring; **WT** -- Window Trail

COLLECTORS: **AB** -- Andre Blanchard; **AES** -- Sanborn, Allen F.; **ASM** -- A. S. Menke; **AVP** -- A. F. Van Pelt; **BJA** -- Adelson, B.J.; **BND** -- Danforth, B.N.; **CAT** -- Charles A. Triplehorn; **CEM** -- Mickel, Clarence E.; **CWO** -- O'Brien, Charles W.; **DH** -- Heffern, D.; **ECB** -- E. C. Becker; **ECK** -- Ed C. Knudson; **EEG** -- Grissell, E. Eric; **EGR** -- Riley, E.G.; **FFB** -- Bibby, F. F.; **GCG** -- Gaumer, G. C.; **GHN** -- G. H. Nelson; **GVM** -- Manley, G. V.; **GZ** -- Zolnerowich, G.; **HAW** -- Wenzel, H. A.; **HB** -- Broderick, H.; **HFH** -- Henry F. Howden; **HRB** -- Horace R. Burke; **JA** -- J. Apperson; **JBW** -- James B. Woolley; **JEH** -- J. E. Hafernik; **JFM** -- MacAlpine, J. F.; **JNK** -- Josef N. Knull; **JT** -- Tveten, J.; **LKG** -- Gloyd, L.K.; **MH** -- Howard, M.; **MLA** -- Allender, M. L.; **MPW** -- Whitefield, M. P.; **MWS** -- Sanderson, M. W.; **NDJ** -- Jago, N. D.; **PW** -- Whitefield, P.; **RAW** -- Wharton, Robert A.; **RDP** -- Porter, R. D.; **RFW** -- Whitcomb, R. F.; **RHB** -- Rollin H. Baker; **RMG** -- Gemmill, R. M.; **RLW** -- R. L. Westcott; **ROK** -- Kendall, Roy O.; **RSA** -- Robert S. Anderson; **RV** -- Vogtsberger, R.; **SGW** -- Wellso, S.G.; **T&RG** -- Griswold, T. & R.; **TCM** -- MacRae, Ted C.; **TLG** -- Griswold, Terry L.; **VVB** -- Board, V. V.; **WEC** -- Clark, W. E.; **WFB** -- W. F. Barr; **WRMM** -- Mason, W.R.M.; **WRS** -- Suter, Walter R.

Table I. DEPOSITORIES

AMNH -- American Museum of Natural History; **ANSP** -- Academy of Natural Sciences of Philadelphia; **BARC** -- Beltsville Agricultural Research Center; **BBNP** -- Big Bend National Park, TX; **BMNH** -- British Museum, Natural History, London; **CASC** -- California Academy of Science Collection, San Francisco; **CDAS** -- California Department of Agriculture, Sacramento; **CMNC** -- Canadian Museum of Nature Collection, Ottawa; **CNCI** -- Canadian National Collection of Insects, Ottawa; **CSWC** -- C. S Wolfe Collection, Fort Worth, TX; **CUCC** -- Clemson University Entomology Collection, Clemson, S.C.; **CWEM** -- William and Emma MacKay Collection, University of Texas, El Paso; **DCCC** -- D.C. Carlson Collection, Orangevale, CA; **DEFW** -- Fisheries and Wildlife Collection, University of Minnesota, St. Paul; **DGMC** -- D. G. Marqua Collection, Fort Davis, TX; **DWSC** -- D.W. Sundberg Collection, San Antonio, TX; **EGRC** -- E.G. Riley Collection, College Station, TX; **ELSC** -- E. L. Sleeper Collection, Long Beach, CA; **FMNH** -- Field Museum of Natural History, Chicago; **FSCA** -- Florida State Collection of Arthropods, Gainesville; **HAHC** -- H. and A. Howden Collection, Ottawa ON (Types deposited in CMNC); **JEWC** -- J.E. Wappes Collection, Bulverde, TX; **INHS** -- Illinois Natural History Survey, Champaign; **IPL** -- accession #'s of computerized collection, BARC; **KSBS** -- Biological Survey of Kansas Invertebrate Collection, University of Kansas, Lawrence; **KSUC** -- Department of Entomology Collection, Kansas State University, Manhattan; **LACM** -- Los Angeles County Museum of Natural History; **MSUC** -- Michigan State University, East Lansing; **MCZC** -- Museum of Comparative Zoology, Cambridge, MA; **NCSU** -- North Carolina State Museum, Raleigh; **NMNH (USNM)** -- National Museum of Natural History (United States National Museum), Washington, DC; **OSUC** -- Ohio State University, Columbus; **OSUO** -- Oregon State University, Corvallis; **PMNH** -- Peabody Museum of Natural History, Yale University, New Haven; **SEMC** -- Snow Entomological Museum, University of Kansas, Lawrence; **TAMU** -- Texas A & M University, College Station; **UCDC** -- University of California, Davis; **WBWC** -- W.B. Warner Collection, Phoenix, AZ

INVENTORY OF INSECTS BIG BEND NATIONAL PARK

COLLEMBOLA

UNIDENT. FAMILY

Species (several) CM, Emory Peak, July, 1970, A. Van Pelt; Tornillo Creek (Lind, O.T. and C.A. Bane, 1975)

THYSANURA ZYGENTOMA + ARCHAEOGNATHA of Arnett

LEPISMATIDAE

Acrotelsa collaris 7-25-37, GG, under dead stumps of *Dasyllirion* (RHB, 1938)
Fabricius

Mirolepisma deserticola Myrmecophilous silverfish "common in ant nests", particularly
Silvestri *Pogonomyrmex* nests (Clark, WH, BBNP IAR, 2003)

Prolepisma poss. 120.4 km S. Alpine, 4 Aug 1979, Beckham, Neece, in
tuxeni Mendes *Aphaenogaster cockerelli* nest; BMP 9 Aug 1979, Francke,
Merickel, Moody, in nest of *Pheidole xerophila* Wheeler; 9.6 km S.
P.J., 29 Jul 1978, in nest of *Pogonomyrmex maricopa* Wh. + RGV, 30
Jul 1978, in nest of *Pogonomyrmex desertorum* Wh. + 6.4 km W.
Marathon, 27 Jul 1978, in nest of *Aphaenogaster cockerelli* Andre +
33.2 km S. Marathon, 30 Jul 1978, in nest of *Pogonomyrmex*
desertorum Wh. and *P. rugosus* Emery, last 4 coll. by Franke, Hall,
& Moody (Neece, 1980)

EPHEMEROPTERA

BAETIDAE

Fallceon quilleri Dodds 2m, 12f; GnS, 9/13/93, Baumgardner

Baetis sp. Rio Grande Village, Tornillo Creek (Lind, O.T. and C.A. Bane, 1975)

Callibaetis sp. Tornillo Creek Rock Pool, Boquillas Beaver Marsh 1 & 2, Boot
Springs, Ernst Tinaja, CF (Lind and Bane, 1975)

HEPTAGENIIDAE

Stenonema sp. Rio Grande Village, Tornillo Creek, Cattail Falls (Lind, O.T. and
C.A. Bane, 1975)

LEPTOPHLEBIIDAE

Farrodes sp. Cattail Falls, May (Bowles, 2000)

Choroterpes sp. Rio Grande Village, F (Lind and Bane, 1975)

Neochoroterpes [= *Choroterpes mexicanus* Allen] Rio Grande Camp., 9/20/93.
oklahoma Traver Baumgardner

Thraulodes gonzalesi Rio Grande Village (Lind, O.T. and C.A. Bane, 1975)
(Traver & Edmunds)

Thraulodes sp. Rio Grande Village (Lind, O.T. and C.A. Bane, 1975)

Traverella presidiana Rio Grande Village (Lind, O.T. and C.A. Bane, 1975)
(Traver)

EPHEMERIDAE	
<i>species 1</i>	Rio Grande Village (Lind, O.T. and C.A.Bane, 1975)
[ident. as TRICORYTHIDAE]	
LEPTOHYPHIDAE	
<i>Tricorythodes sp.</i>	Rio Grande Village, Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
CAENIDAE	
<i>Caenis sp.</i>	Cattail Falls; May (Bowles, 2000)
ODONATA	
GOMPHIDAE	
<i>Erpetogomphus sp.</i>	Tornillo Creek, RGV and below Village (Lind, O.T. and C.A.Bane, 1975)
<i>Erpetogomphus compositus</i> Hagen	White-belted ringtail; RGV - ponds, marsh, river, 23 May, 1995, SWD (report to Park) ; Boquillas Road, 08-10-37; GnS, June 28; ChS, 07-01-28; UJS, 07-06-28, FMG et al., det: LKG. (Gloyd, 1958); RGV pond, MWI, March 10,11, 1971 (BBNP file), det. Westfall; TC (Lind & Bane, 1975)
<i>Erpetogomphus designatus</i> Hagen	132-8, Boquillas, 08-04-37, RHB; also, Boquillas, 07-22, 08-05, 08-16, RHB (RHB, 1938)
<i>Progomphus borealis</i> McLachlan	Tornillo Creek, Tornillo Creek Rock Pool (Lind, O.T. and C.A.Bane, 1975)
<i>Progomphus obscurus</i> Rambur	132-3, Boquillas, 08-04-37 & 08-06-37, RHB + ?108-8, 08-06-37, RHB (RHB, 1938)
<i>Progomphus sp.</i>	Tornillo Creek, Tornillo Creek Rock Pool (Lind, O.T. and C.A.Bane, 1975)
<i>Stylurus intricatus</i> (Hagen)	[= <i>Gomphus intricatus</i>] HS, 07-12-30, L.Gloyd. Gloyd, L.K. (1958). Orig. det. <i>Stylurus intricatus</i> (Hagen) by Gloyd. Det. <i>Gomphus (Stylurus)</i> by Westfall; RGV pond, March 10,11, 1971, MW (BBNP file list)
AESHNIDAE	
<i>Aeshna multicolor</i> Hagen	Blue-eyed darter, CF, 1 female, 22 May 1995 + west sewage lagoon at Basin, with <i>Scirpus</i> rushes, SWD (report to Park)
<i>Anax junius</i> (Drury)	Common green darter, BBM Pool I, Cattail Falls (Lind, O.T. & C.A.Bane, 1975); CB, west sewage lagoon with <i>Scirpus</i> rushes, 1 male, 23 May 1995 + RGV- pond, marsh, river, 22 May 1997, SWD (report to Park)
<i>Oplonaeschna sp.</i>	Alder Spr, Emory Peak; Apr (Bowles, 2000)
CORDULIDAE	
<i>Neurocordulia sp.</i>	several springs, including Upper Oak Spr, Apr and May (Bowles, 2000)
LIBELLULIDAE	
<i>Brechmorhoga sp.</i>	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
<i>Brechmorhoga mendax</i> (Hagen)	82-5, Boquillas, 07-22-37, 08-05-37, RHB, (RHB, 1938); Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
<i>Dythemis nigrescens</i> Calvert	Black setwing; RGV nature trail, 1 female, 23 May 1995 + TeC, 22 May 1997, SWD (report to Park)
<i>Dythemis velox</i> Hagen	137-12, Boquillas, 08-04-37, RHB (RHB, 1938)
<i>Erythemis collocata</i> (Hagen)	Hot Springs, 10-04-35, H.Gloyd. (Gloyd, L.K. 1958)

<i>Erythemis simplicicollis</i> (Say)	Eastern pondhawk, HS, 10-04-35, H.Gloyd. (Gloyd, 1958); RGV - pond, marsh, river, 22 May 1997, SWD (report to Park)
<i>Erythemis vesiculosa</i> Fabricius	[ident. as <i>Lepthemis vesiculum</i> Fabricius] 74-2, Boquillas, 07-22,37 & 08-04-37, RHB (RHB, 1938)
<i>Erythrodiplax connata</i> (Burmeister)	Glenn Springs, 07-13-30, Hot Springs, 10-04-35, H.Gloyd (Gloyd, L.K. 1958)
<i>Erythrodiplax umbrata</i> (Linnaeus)	6 to 7 mi. E. CB, 08-02-37, 08-02-37 and 08-07-37, W.Necker (Gloyd, L.K. 1958)
<i>Libellula</i> sp.	TC; RGV Nature Trail, Boquillas Beaver Marsh Pond 1 (Lind, O.T. & C.A.Bane, 1975)
<i>Libellula comanche</i> Calvert	75-8, Boquillas, 07-22-37 & 08-05-37, RHB (RHB, 1938)
<i>Libellula croceipennis</i> Selys	Neon skimmer, UJS, UCC, 4300', 06-29-28, K.Schmidt, (Gloyd, L.K. 1958) det: [<i>Belonia</i>]. TC Rock Pool (Lind, O.T. & C.A.Bane, 1975); CF, 1 male, 22 May 1995, SWD (report to Park)
<i>Libellula luctuosa</i> Burmeister	129-1, Boquillas, 08-05-37, RHB (RHB, 1938)
<i>Libellula saturata</i> (Uhler)	Flame skimmer, 117-1, 06-30-37, RHB; Boquillas Spring, CF (Lind, O.T. and C.A.Bane, 1975). GnS, 06-17-28, UCC, 4300', 08-03-37, HS, 10-04-35, H.Gloyd, det: [<i>Belonia</i>] (Gloyd, 1958); RGV - pond, marsh, river, 22 May 1997, SWD (report to Park)
<i>Libellula subornata</i> (Hagen)	[= <i>Plathemis</i>] S. Marathon, 07-15-30, H.Smith
<i>Miathyria</i> sp.	San Jacinto Spr, A-B, Emory Pk; May, (Bowles, 2000)
<i>Micrathyria hagenii</i> Kirby	Foothills of CM, 6 mi. East of Chisos, 08-07-37, W.Necker. (Gloyd, 1958)
<i>Orthemis ferruginea</i> Fabricius	74-6, Boquillas, 08-04-37, RHB (ident. ?); 108-1, 08-06-37, RHB; ChS, 07-01-28, 6 mi. East C M, 08-07-37, GnS, 07-13-30, HS, 10-04-35, L.Gloyd (Gloyd, 1958)
<i>Pachydiplax longipennis</i> (Burmeister)	Blue dasher, RGV pond, March 10-11, 1971, M.Westfall, BBNP file list, det: Westfall; RGV Nature Trail, 1 male, 23 May 1995, SWD (report to Park)
<i>Paltothemis lineatipes</i> Karsch	111-5, Boquillas, 08-03-37 + 08-22-37 + 74-8, 08-03-37, RHB (RHB, 1938); UCC, 4300', 08-03-37, K.Schmidt. (Gloyd, L.K. 1958); TC, CF (Lind, O.T. and C.A.Bane, 1975)
<i>Pantala flavescens</i> (Fabricius)	GnS, 06-16-28. (Gloyd, L.K. 1958); Ernst Tinaja (Lind,O.T. and C.A.Bane, 1975)
<i>Pantala hymenaea</i> (Say)	73-10, CB, 08-12-37, RHB (RHB, 1938); TC Rock Pool (Lind, O.T. and C.A.Bane, 1975)
<i>Perithemis domitia</i> Drury	Slough amberwing; RGV - pond, marsh, river, 22 May 1997, SW Dunkle (report to Park)
<i>Pseudoleon superbus</i> (Hagen)	Glenn Springs, 06-20-28, F.Gaige. (Gloyd, L.K. 1958)
<i>Sympetrum corruptum</i> (Hagen)	82-2, Boquillas,08-05-37, RHB (RHB, 1938); GnS, 06-17-28, HS, 10-04-35, CM, 09-29-35, H.Gloyd. (Gloyd, L.K. 1958)
<i>Tamea insularis</i> Hagen	Antillean saddlebags; RGV nature trail, 23 May 1995, SW Dunkle (report to Park)
<i>Tamea lacerata</i> Hagen	Black saddlebags; RGV - pond, marsh, river, 22 May 1997, SW D (report to Park)
<i>Tamea onusta</i> Hagen	75-6, Boquillas, 07-22-37, RHB
CALOPTERYGIDAE	
<i>Hetaerina americana</i> (Fabricius)	American rubyspot, 108-4, BC, 08-06-37 & 82-4, 08-05-37, RHB (RHB, 1938); HS, 10-04-35 (Gloyd, L.K. 1958); RGV, 1 male, 23 May 1995, SWD (report to Park)
<i>Hetaerina tita</i> (Drury)	Rio Grande above Village (Lind, O.T. and C.A.Bane, 1975)
LESTIDAE	

<i>Archilestes</i> sp.	Tornillo Creek Rock Pool, Ernst Tinaja, Cattail Falls (Lind, O.T. and C.A.Bane, 1975)
<i>Archilestes grandis</i> (Rambur)	Great spreadwing, ChS, 07-01-28, GnS, 06-21-28, F.Gaige (Gloyd, L.K., 1958); Ernst Tinaja, BBM 1, CF (Lind, O.T. & C.A.Bane, 1975); CB, 06-12-37 and LCC, 06-19-37, RHB (RHB, 1938); CF, 22 May 1995, SWD (report to Park)
COENAGRIONIDAE	
<i>Argia</i> sp.	RGV Nature Trail, RGV, BBM Pool I, TC, CF (Lind, O.T. and C.A.Bane)
<i>Argia fumipennis violacea</i> Hagen	Boquillas Beaver Marsh Pond 1 (Lind, O.T. and C.A.Bane, 1975)
<i>Argia hinei</i> Kennedy	Lavender dancer, CM, 07-12-30, UCC, 4300', 08-03-37, K.Schmidt (Gloyd, L.K., 1958); CF, BBM Pond (Lind, O.T. & C.A.Bane, 1975); CF, 1 male, 22 May 1995, SWD (report to Park)
<i>Argia immunda</i> (Hagen)	TC (Lind, O.T. and C.A.Bane, 1975); Glenn Springs, 07-13-30, Hot Springs, 07-12-30, L.Gloyd (Gloyd, L.K., 1958)
<i>Argia lugens</i> (Hagen)	Sooty dancer, orig. det. [<i>Hyponeura</i>] <i>lugens</i> ; 21-29, Fresno Spr., 06-21-37, RHB (RHB, 1938); orig. det. [<i>Hyponeura</i>], CM, 07-17-30, UCC, 4300', 08-03-37, K.Schmidt (Gloyd, L.K., 1958); CF, 1 male, 22 May 1995, SWD (report to Park)
<i>Argia moesta</i> (Hagen)	Powdered dancer, 129-10, 129-3, Boquillas, 07-22-37, 08-04-37, 08-05-37, 08-06-37 RHB and Lajitas, 08-10?-37 and SoR, 06-23-37 and UCC, 08-03-37, RHB (RHB, 1938); Rio Grande pond, 03-10-71, det. and coll. MW (BBNP file list); Boquillas, 08-10-37 + ChS, 07-12-30 + 6 mi. E. CM, 08-07-37, all LKG (Gloyd, 1958); CF, TC (Lind and Bane, 1975); RGV- pond, marsh, river, 23 May 1995, SWD + TeC, 22 May 1997, SWD (report to Park)
<i>Argia nahuana</i> Calvert	[=missp. <i>A. nattuana</i>] Boquillas Beaver Pond (Lind, O.T. and C.A.Bane, 1975)
<i>Argia plana</i> Calvert	Springwater dancer, CM foothills, 07-12-30, JC, 4700', 08-37, Upper JC, 06-29-28, F.Gaige (Gloyd, L.K., 1958); CF, TC (Lind, O.T. & C.A.Bane, 1975); CF, 1 male+1 female, 22 May 1995, SWD
<i>Argia sedula</i> Hagen	blue-ringed dancer; RGV - pond, marsh, river, 22 May 1997, SW Dunkle (report to Park)
<i>Argia translata</i> Hagen	Rio Grande Village at Village (Lind, O.T. and C.A.Bane, 1975)
<i>Enallagma</i> sp.	5-5, 06-11-37. RHB; 03/10-11/71, M.Westfall (BBNP file list)
<i>Enallagma civile</i> (Hagen)	Familiar bluet, CM, 09-29-35, 7 mi. E. Basin, 08-02-37, 6 mi. E. CM, 08-37, Hs, 10-04-35, H.Gloyd (Gloyd, L.K., 1958); CB, west sewage lagoon with <i>Scirpus</i> rushes, 1 female, 23 May 1995, SWD (report to Park)
<i>Ischnura</i> sp.	Boquillas Beaver Marsh Ponds 1 and 2, Rio Grande Village Beaver Marsh (Lind, O.T. and C.A.Bane, 1975)
<i>Ischnura demorsa</i> (Hagen)	Boquillas Beaver Marsh Pond 1 (Lind, O.T. and C.A.Bane, 1975)
<i>Telebasis</i> sp.	RGV Nature Trail Marsh, Boquillas Beaver Marsh Pond 1 (Lind, O.T. and C.A.Bane, 1975)
<i>Telebasis salva</i> (Hagen)	Western firetail, Glenn Spring, 07-13-30, Hot Springs, 10-04-35, H.Gloyd (Gloyd, L.K., 1958); Boquillas Beaver Ponds, RGV (Lind, O.T. and C.A.Bane, 1975); RGV - pond, marsh, river, 22 May 1997, SW Dunkle (report to Park)
PHASMATODEA	
[= Phasmatidae, Order Orthoptera]	
HETERONEMIIDAE	
<i>Diapheromera covilleae</i> Rehn & Hebard	CB, 5400', 08-19-83, 1 female; 20 mi. N CM (Tinkham, 1948), in creosote bush area; K-Bar, 06/09 to 07-06-69, B.Robinette; RGV
<i>Diapheromera femorata</i> (Say)	K-Bar, 6/9 to 7/6/69, B.Robinette; Moss Well, 4500'-5000', 09/05-08/22, on grassy hillsides dotted with oaks + JC, 07/08-25/28, from oak-manzanita forest and on dead leaves in dry creek bed through pine-oak forest, FM Gaige + canyon behind PB, 4600-5000', 09-07-22, rich cover of high grasses, many oaks, sotol, cacti, etc., Rehn &

	Hebard + Lost Mine Peak, 5000-7500', 09-06-22, steep slopes with similar vegetation, Rehn & Hebard (Hebard, 1943)
<i>Diapheromera tamaulipennis</i> Rehn	[= <i>D. tamaulipensis</i> ? sp.] CB, 08-27-37, at lights, RHB (RHB, 1938)
<i>Diapheromera torquata</i> Hebard	CB, 5500', on building at light, 08-19-83, 2 males; Pulliam Canyon; Lost Mine Peak (Hebard, 1943)
<i>Diapheromera velii eucnemis</i> Hebard	2 mi. SE PJ, 3600', 06-26-82, 2 males; BBNP, (Tinkham, 1948); CB, 07-19-37, 08-08-37, and 08-27-37 (RHB, 1938); Kit Mtn., on creosote bush in coitu, 07-29-37 (RHB, 1938); SoR, in coitu on tobacco (<i>Nicotiana glauca</i>), 06-23-37 (RHB, 1938); Bone Spr., 2 mi. N. + Neville Spr. + JC + GnS (Hebard, 1943)
<i>Megaphasma</i> sp.	GG, 08-14-69, VVB & JEH (TAM)
<i>Megaphasma denticrus</i> (Stal)	CM, (Tinkham, 1948) (Hebard, 1943)
<i>Parabacillus coloradus</i> (Scudder)	Moss Well, 1934 + canyon behind PB, 1934 (Hebard, 1943); Tinkham, 1948
<i>Pseudosermyle straminea</i> (Scudder)	2 mi. SE Park Hqts., 3600', 06-26-82, female; 96-9; CB, 08-27-37, RHB, det: Hebard '38; CM (Hebard, 1943); PC, 09-06-37, at lights, RHB (RHB, 1938); Bone Sprs., 2 mi. N. + Neville Spr. + GnS in black willow + canyon behind PB, in low vegetation on hillside in Oak Zone, 4900' + JC, in dead leaves in dry creek bed through scrub-oak forest + Lost Mine Peak, in rabbitweed, 5800', all collections 08-09 to 10-01-27 (Hebard, 1943)
ORTHOPTERA	
TETRIGIDAE	
<i>Paratettix aztecus</i> (Saussure)	damp soil or sand, and streams and seeps, BBNP (Tinkham, 1948)
<i>Paratettix mexicanus</i> (Saussure)	Deadhorse Mtns. (Tinkham, 1948)
ROMALEIDAE	
<i>Phrynotettix</i> sp.	1 mi. W. Park Hqts., 07/26-28/68, N.Jago, det: R.Willey; Panther Jct., 11-04-60, H.Brodrick
<i>Phrynotettix robustus</i> (Bruner)	5 mi. S Persimmon Gap, 2600', on desert floor, 09-28-82 and 08-19-83; 1 mi. W Park Hqts., 07-26 to 28-68, N.Jago, det: Jago; CB, 6000', 10-24-46 (Tinkham, 1948)
<i>Taeniopoda eques</i> (Burmeister)	14 mi. NE CA, 3600', on road, 09-28-82, 1 male, 1 female; 7 mi. W CB Jct., 3700', in dry stream bed, 09-27-82, 2 males and on 06-27-82, nymphal stages; 1 mi. W Park Hqts., 3700' on road, 09-28-82, male; (73-7), 08-12-37, RHB; (70-1) 08-16-37, RHB; (80-1) 09-01-37, RHB; PJ, 08-60, H. Brodrick; 10 mi. N. CM, 07-18-30 (Tinkham, 1948); GG, 10-23-46, (Tinkham, 1948) [Romaleidae of Arnett, 1985]
ACRIDIDAE	
<i>Acantherus piperatus</i> Scudder & Cockerell	1 mi. W Park Hqts., 07/26-28/68, N.Jago, det: N.Jago; 5 mi. W Basin Jct., 08-28-68, N.Jago, det: Jago
<i>Achurum sumichrasti</i> (Saussure)	CB, grass along road, 06-26-82, 2 males; CB, 5-21 to 22-68, N.Jago, det: Jago; GG, 10-23-46, 5500' (Tinkham, 1948)
<i>Acrolophus hirtipes</i> (Say)	[= <i>A. variegatus</i> Bruner] Marathon (Joern, 1979); prob. BBNP (Otte, 1981)
<i>Acrolophus maculipennis</i> (Scudder)	[= <i>Pedioscirtetes</i>] 20 mi. N CM, 07-18-30 (Tinkham, 1948)
<i>Aeoloplides elegans</i> Scudder	Banks of Rio Grande at Boquillas Canyon, 2000', 1 female, 08-19-83
<i>Ageneotettix brevipennis</i> (Bruner)	Prob. BBNP (Otte, 1981)
<i>Ageneotettix deorum deorum</i> (Scudder)	BBNP (N.Jago, 1969, BBNP file letter); Marathon (Joern, 1979)

<i>Agroecotettix modestus chisonis</i> Roberts	[subsp. ??] Tuff Canyon, near CA, 07-28-68 (2), N.Jago det: Jago
<i>Agroecotettix modestus crypsidomus</i> Hebard	6 mi. SE Park Hqts., on lechuguilla, 2700', 08-19-83, 1 male; Wilson's Ranch, W base of Mt. Emory, 07-17-30, Hebard (Tinkham, 1948)
<i>Anconia hebardii</i> Rehn	1 mi. W BBNP, rocky hillside, 2600', 08-20-83, 2 females, 1 male
<i>Arphia conspersa</i> Scudder	[=A. <i>aberrans</i> Bruner, det. Hebard '38] 30-29, PC, 07-01-37, RHB; 40-6, OC, 07-07-37, RHB; Wilson's Ranch, W base Mt. Emory, 07-17-30 (Tinkham, 1948); 1 mi. W Park Hqts., 07/26-28/68, N.Jago, det: Jago
<i>Arphia pseudonietana</i> (Thomas)	[=A. <i>crassa</i> Bruner] Top of GG, 10-23-46 (Tinkham, 1948); 14 mi. N CA, 3600', among grama grass, 09-28-82, female; CB, 5400', on paths, 08-19-83
<i>Aulocara femoratum</i> Scudder	Marathon (Joern, 1979)
<i>Boopedon nubilum</i> (Say)	Marathon (Joern, 1979)
<i>Boottettix argentatus</i> Bruner	2 mi. SE Panther Junction, 3600', on creosote, 09-28-82, female; 1 mi. E SEC, 07-28-68 (2), N. Jago, det: Jago; 55-6, 07-22-37, RHB; 20 mi. N CM, 07-18-30, (Tinkham, 1948); Kit Mtn., in creosote, 07-29-37, [= C. o. <i>vivax</i> of Tinkham] 20 mi. N CM, 07-18-30, associated with <i>Flourensia cernua</i> (Tinkham, 1948); Marathon (Joern, 1979)
<i>Campylacantha olivacea</i> (Scudder)	
<i>Chloroplus cactocaetes</i> Hebard	1 mi. W Park Hqts., 07-26 to 28-68, N.Jago, det: Jago
<i>Cibolacris parviceps</i> (Walker)	Maverick Rd., dry stream bed, on ground, 3700', 06-27-82, 1 females, 1 male; TC, 2000', N HS, 08-19-83, 1 male; Dead Horse Mountains, 10-23-46 (Tinkham, 1948). [C. <i>parviceps</i> (Brunner) of Arnett]
<i>Cibolacris parviceps arida</i> (Bruner)	5 mi. W Basin Jct., 08-28-68, N.Jago?, det: Jago; 19-36, Rock Hut on Cottonwood Creek, 06-17-37, RHB, det: Hebard '38
<i>Clematodes larreae</i> Cockerell	Limestone hill near Cooper's Store, 10-29-46 (Tinkham, 1948), rare; BBNP, 12-1970, M.Dakin (BBNP file letter)
<i>Conozoa texana</i> Bruner	[=Trimerotropis] 5 mi. S PrG, rocky soil, 2800', 08-19-83, 2 females; 20 mi. N CM, 07-18-30 (Tinkham, 1948); well, 10 mi. NE GS (Wadi Burnham Ranchhouse), 10-23-46 (Tinkham, 1948)
<i>Dactylotum bicolor pictum</i> Charpentier	BBNP (N.Jago, 1969, BBNP file letter)
<i>Dactylotum bicolor variegatus</i> Charpentier	7 mi. W. CB Jct., 3700', in dry stream bed, 09-28-82, female; 6 mi. SE PJ, on lechuguilla, large female, 08-19-83; male, 1 mi. W PJ, 07-26 to 28-68, N.Jago; DHM, 10-24-46 (Tinkham, 1948); S base of PB, 6000', rare (Tinkham, 1948)
<i>Derotmema haydenii</i> (Thomas)	[=D. <i>mesembrium</i>] 1 mi. N Persimmon Gap, 10-23-46, Tinkham, 1948)
<i>Dissosteira carolina</i> (Linnaeus)	BBNP (N.Jago, BBNP file letter, 1969)
<i>Eritettix simplex</i> Scudder	[=E. <i>variabilis</i> Bruner] CB, 5000', 07-26-68, N.Jago, det: Jago; Marathon (Joern, 1979)
<i>Hadrotettix trifasciatus</i> (Say)	Marathon (Joern, 1979)
<i>Heliasius benjamini</i> Caudell	BBNP (N.Jago, 1969, BBNP file letter)
<i>Heliaula rufa</i> (Scudder)	Marathon (Joern, 1979)
<i>Hesperotettix viridis</i> (Thomas)	Marathon (Joern, 1979)
<i>Hippiscus ocelote</i> (Saussure)	[= H. <i>rugosus</i> Scudder] Prob. BBNP (Otte, 1981); 14 mi. N CA, 3600', among grama grass, 09-28-82
<i>Hippopedon capito</i> (Stal)	Prob. BBNP (Otte, 1981)

<i>Lactista azteca</i> (Saussure)	[= <i>Platylactista</i> , det. Jago] 2 mi. SE PJ, on ground, 3600', 06-26-82, 2 males, 1 female; 1 mi. W PJ, 07-26 to 28-68, N.Jago; Sotol Vista, N.Jago ; CB, 10-24-46 (Tinkham, 1948)
<i>Leprus intermedius</i> Saussure	[= <i>L. cyaneus</i> Cockerell] CB, 5400', on paths, 08-19-83, 1 female; 2 mi. SE PJ, 3600', on ground, 1 male; Wilson's Ranch, W base Mt. Emory (Tinkham, 1948); Panther Canyon, 6-29-37, RHB; JC, 8-5-37, RHB; prob. BBNP (Otte, 1981)
<i>Leprus wheeleri</i> (Thomas)	[orig. det. <i>Goniaturum planum</i> , see <i>Ligurotettix</i>] Prob. BBNP (Otte, 1981)
<i>Melanoplus ? nigrovittata</i> Stal	[= <i>Pezotettix</i> = <i>Philocleon</i>] Dead Horse Mts., 10-23-46 (Tinkham, 1948)
<i>Melanoplus aridus</i> (Scudder)	GG, 4800', grasses, 08-19-83, 1 male; SEC, 07-28-68, N.Jago, det: Jago
<i>Melanoplus arizonae</i> Scudder	Marathon (Joern, 1979)
<i>Melanoplus bowditchi propinquus</i> Scudder	Chisos Foothills: 4 mi. W. Basin Jct., 3700', dry stream bed, grass clump, 09-27-82, 2 males, 3 females; 1 mi. W. Basin Jct., dry stream bed, grass, 3800', male
<i>Melanoplus desultorius</i> Rehn	4 mi. W. Basin Rd. Jct., 3600', various shrubs, 09-28-82, 1 male, 1 female; Marathon (Joern, 1979)
<i>Melanoplus differentialis</i> (Thomas)	Banks of the Rio Grande, BC, 2000', 08-19-83, 1 male; 57-5, 07-22-37, RHB; 57-3, 07-22-37, RHB; CB, 8-12 and 8-27-37, RHB
<i>Melanoplus eumera</i> Hebard	Lost Mine Peak, 06-09-12, Rehn?; Pulliam Canyon 07-09-12, Rehn? (Tinkham, 1948); GG, 10-24-46 (Tinkham, 1948)
<i>Melanoplus femurrubrum</i> (DeGeer)	BBNP, 12-1970, M.Dakin (BBNP file letter), questions ident.
<i>Melanoplus flavidus</i> Scudder	22-14 (or 22-141), along the Rio Grande, taken at Solis Ranch 06-23-37, RHB; Boquillas 7-22-37, RHB; Lajitas, 8-16-37; associated with river grasses, willows.
<i>Melanoplus gladstoni</i> Scudder	Marathon (Joern, 1979)
<i>Melanoplus glaucipes</i> (Scudder)	Banks of the Rio Grande, BC, tall grass, 2000', 08-19-83, 1 male, 1 female; Marathon (Joern, 1979)
<i>Melanoplus lakinus</i> (Scudder)	CB, 10-24-46, (Tinkham, 1948); Marathon (Joern, 1979)
<i>Mermiria bivittata</i> (Serville)	[= <i>M. maculipennis</i> Bruner] Marathon (Joern, 1979); GG, 4800', grasses, 06-26-82, male
<i>Mermiria picta neomexicana</i> Thomas	Prob. BBNP (Otte, 1981)
<i>Mermiria texana</i> Bruner	4 mi. and 7 mi. W CB, dry stream bed, 3700', 09-28-82, male; 1 mi. W CB dry stream bed, 3800', 06-27-82, male; 2 mi. SE PJ, 3600', grasses, females; CB, along paths, 5400', 08-18-83; 10 mi. W Park Hqts., 07-30-68, N. Jago, det: Jago; GG, 10-24-46 (common 4200-6000') (Tinkham, 1948); (55-4) Kit Mt., 07-29-37, RHB; LJS, on slopes, 06-23-37, RHB (RHB, 1938)
<i>Mestobregma plattei</i> Thomas	[det. <i>M. plattei corrugata</i> (Scudder), Hebard '38] 28-18, Panther Canyon, 06-29-37, RHB; 28-17, Panther Cyn, 06-29-37, RHB; 30-26, 07-01-37, RHB, det: Hebard '38; Wilson's Ranch, W Base of Mt. Emory, 08-17-30 (Tinkham, 1948)
<i>Metaleptea brevicornis</i> (Johannson)	BBNP, 03-04-2000-2001, C. Wolfe, det. Wolfe
<i>Netrosoma nigropleura</i> Scudder	Chisos Foothills: 6 mi. SE Park Hqts., on lechuguilla, 2700', 08-19-83, 3 females, 2 males; 5 mi. S CM (Tinkham, 1948)
<i>Opeia obscura</i> (Thomas)	1 mi. W Park Hqts., 08-26 to 28-68, N.Jago, det: Jago; 2 mi. SE Park Hqts., 3600', 08-19-83, 1 male, 1 female; Marathon (Joern, 1979); [= <i>O. imperfecta</i> Bruner] CB, 10-24-46 (Tinkham, 1948)
<i>Orphullela pelidna</i> (Burmeister)	Marathon (Joern, 1979)
<i>Paropomala pallida</i> Bruner	[= <i>Eremiacris pallida</i> , det. Hebard '38] 55-5, Kit Mtn., lechuguilla slope, 07-22-37 (07-29-37?), RHB; 1 mi. W PJ, 07-26 to 28-68 (2), N.Jago, det: Jago; 2 mi. SE PJ, 3600', 06-26-82, grass clump, female; 5 mi. S PrG, 2800', grasses, 08-19-83, 1 female

<i>Paropomala virgata</i> Scudder	[= <i>Eremiacris virgata</i>] 1 mi. N Persimmon Gap, 10-23-46 (Tinkham, 1948)
<i>Paropomala wyomingensis</i> (Thomas)	Prob. BBNP (Otte, 1981); Marathon (Joern, 1979)
<i>Phaedrotettix dumicola</i> (Scudder)	1 mi. W Park Hqts., 07/26-28/68, N.Jago, det: N.Jago
<i>Phaedrotettix dumicola palmeri</i> (Scudder)	2 mi. SE Park Hqts., 3600', 06-27-82, 1 male, 1 female; GG, 4800', grass, 06-27-82, 1 female; 4 mi. W Basin Jct, dry stream bed, grass clump, 3700', 09-28-82; GG, 4800', grass, 08-19-83, 1 male, 1 female; Wilson's Ranch, W base Mt. Emory (Tinkham, 1948)
<i>Phaulotettix eurycercus</i> Hebard	4 mi. W Basin Rd. Jct., dry stream bed, 3700', 09-28-82, 1 male, 1 female immature; 1 mi. W. Basin Jct, dry stream bed, 3800', 06-26-82, female; 2 mi. SE Park Hqts., 3600', 06-26-82, 3 females; 5 mi. N HS, 10-28-46 + DHM, 10-24-46 (Tinkham, 1948)
<i>Philbostroma quadrimaculata</i> (Thomas)	Marathon (Joern, 1979)
<i>Phoetaliotes nebrascensis</i> (Thomas)	CM, S base of PB, 6000', 10-25-46 (Tinkham, 1948)
<i>Psoloessa delicatula delicatula</i> (Scudder)	BBNP, 12-1970, M.Dakin (BBNP file letter)
<i>Psoloessa texana pusilla</i> (Scudder)	19-55, 07-29-37, RHB, det: Hebard '38; near Park Hqts., several collections, both sexes, 09-28-82, 06-27-82; Rock Hut on Cottonwood Creek, 06-17-37, RHB; PC, in grass, 07-12-37, RHB.
<i>Psoloessa texana</i> Scudder	1 mi. W Park Hqts., 07/26-28/68, N.Jago, det: Jago; Marathon (Joern, 1979)
<i>Schistocerca alutacea shoshone</i> (Thomas)	Banks of the Rio Grande, common in tall rushes, BC, 2000', 08-19-83, 2 females, 1 male; 57-1, 07-29-37, RHB, det: Hebard '38 [<i>S. shoshoni</i>]
<i>Schistocerca alutacea</i> (Harris)	[= <i>S. chinatiensis</i> Tinkham] 2 mi. SE Park Hqts., 3600', various thorn bushes, 08-19-83, 2 females, 1 male
<i>Schistocerca alutacea lineata</i> Scudder	CB, 5500', on oak, 09-28-82, male, female
<i>Schistocerca nitens</i> (Thunberg)	[= <i>S. vaga</i> Scudder, det. Hebard '38] CB, 5500', 09-28-82, female; 12 mi. NE CA, 3700', in grama grass, 09-28-82, female; CB, 5500', on building, 06-26-82, female; GNS Rd. and RGV road, 3100', on creosote, 06-26-82, male; TC 1900', 19800', on creosote, 09-28-82, female; (57-2) 07-29-37. RHB, det. Hebard '38; Dead Horse Mtns., 10-24-46 (Tinkham, 1948)
<i>Spharagemon bolli inornatum</i> Morse	GG, 4800', rocky soil, 08-19-83, 1 females; GG, 10-23-46 (Tinkham, 1948); Panther Pass, 10-23-46 (Tinkham, 1946); S base PB (Tinkham, 1948)
<i>Spharagemon saxatile</i> Morse	[= <i>Ligurotettix planum</i> (Morse), det Hebard '38][= <i>Goniatron planum</i>] 52-3, Ash Springs on north side of Chisos, on rocky slope, 07-14-37, RHB; 20 mi. N CM, 07-18-30 (Tinkham, 1948)
<i>Syrbula admirabilis</i> (Uhler)	SEC, 07-28-68, N.Jago, det: Jago
<i>Syrbula montezuma</i> (Saussure)	[= <i>S. fuscovittata</i> Thomas, det. Jago] 2 mi. SE PJ, 3600', grass along roadside, 06-26-82, female; 6 mi. SE Park Hqts., 2700', among grasses, 08-18-83; CB, along paths, 5400', 08-18-83, male; Panther Pass, 10-24-46 (Tinkham, 1948); 6 mi. W Basin Jct., 08-28-68, N.Jago
<i>Trachyrachys aspera</i> Scudder	Marathon, (Joern, 1979)
<i>Trimerotropis californica</i> Bruner	[= <i>T. strenua</i> McNeill] 15 mi. W Basin Jct., rocky soil, 2800', 06-27-82, female; BBNP (N. Jago, BBNP file letter)
<i>Trimerotropis maritima</i> (Harris)	[= <i>T. citrina</i> Scudder] BC, banks Rio Grande on sand, 2000', 08-19-83, 1 male
<i>Trimerotropis pallidipennis</i> (Burmeister)	In area around PJ, from GnS Rd. to 15 mi. W. of Basin Jct., June, Aug., Sept., both sexes; near Sotal Vista, 08-28-68, N.Jago, det: Jago; 70-10, CB, 08-07-37, 09- 06-37, RHB, det: Hebard '38; (15-17) 06-19-37, RHB; PJ, 08-60, H. Brodrick ; Fresno Spr., 06-02-37, RHB; RH on CC, 06-12-37, RHB; SoR at river, 06-23-37, RHB; Boquillas, 07-23-37, RHB (RHB, 1938)

<i>Trimerotropis pistrinaria</i> Saussure	GG, 4800', on ground, 06-26-82, male; near Sotol Vista, 07-28-68, N.Jago, det:Jago ; SEC, 07-28-68, N.Jago, det:Jago; desert, 20 mi. N CM, 07-18-30 (Tinkham, 1948); Wilson's Ranch, W base of Mt. Emory (Tinkham, 1948)
<i>Tropidolophus formosus</i> (Say)	BBNP (N.Jago, 1969, BBNP file letter)
<i>Xanthippus corallipes</i> (Haldeman)	Marathon (Joern, 1979)
TETTIGONIDAE	
<i>Amblyocorypha insolita</i> Rehn & Hebard	CB, 5400', on tall grasses at night, 08-19-83, 1 male; Wilson's Ranch, W Base of Mt. Emory, 07-17-30 (Tinkham, 1948)
<i>Arethaea gracilipes</i> <i>cerciata</i> Hebard	PB Canyon, 07-09-12 (Tinkham, 1948)
<i>Arethaea semialata</i> Rehn & Hebard	4 mi. W Basin Jct., 3600', tall grasses in dry stream bed, 09-28-82, male; 08-07-37, RHB
<i>Capnobotes fuliginosus</i> (Thomas)	2 mi. W Panther Jct., 07-16-69, D.Easterla
<i>Dichopetala brevihastata</i> Morse	1 mi. W Basin Jct., 3800' grasses in dry stream bed, 09-28-82; 30 mi. N CM, 07-18-30 (Tinkham, 1948)
<i>Dichopetala oreoeca</i> Rehn & Hebard	Wilson's Ranch, W base of Mt. Emory, 07-17-30 (Tinkham, 1948)
<i>Eremopedes covilleae</i> Hebard	20 mi. N CM, on creosote, 07-18-30, (Tinkham, 1948)
<i>Eremopedes scudderii</i> Cockerell	6 mi. SE Park Hqts., on lechuguilla, 2700', 08-19-83, 3 males, 3 females; 20 mi. N CM, on creosote flat, 07-18-30 (Tinkham, 1948)
<i>Gryllus assimilis</i> (Fabricius)	{?} "One adult taken on corn stalk at Boquillas", 8-4-37; "two immature stages collected under stones on the sides of Casa Grande in the Basin June 13 and In GG July 13".
<i>Inscudderia</i> sp.	Lower Tornillo Creek, 08-15-70, at night, R.Woodruff
<i>Microcentrum</i> <i>rhombofolium</i> (Saussure)	CB, 8-27-37, RHB
<i>Neobarrettia spinosa</i> (Caudell)	[=Rehnia cerebrus] PJ, 09-17-87 (Photo), R.Wilder; [=Rehnia cerebrus] 20 mi. N CM, 07-18-30 (Tinkham, 1948); Wadi Burnham Ranch, 10 mi. N GS, 10-24-46 (Tinkham, 1948); PrG, 10-22-46 (Tinkham, 1948); 4 mi. SE PJ, 06-21-67, T.Cohn, det: Cohn; CB, 5500', singing on shrubs, 08-19-83, 2 males; CB, catching insects at light, 08-19-83, female
<i>Neoconocephalus triops</i> Linnaeus	[=Scudderia mexicana (Saussure) = Conocephalus mexicanus Saussure ?] GG, grasses, 4800', 06-26-82, 1 male, 1 female
<i>Paracrytophyllus</i> <i>excelsus</i> (Rehn)	CB, 5500', various shrubs and in oaks, 08-19-83, 2 males; CB 10-26-46 (Tinkham, 1948). [Identified as <i>Paracrytophilus</i>], Tinkham collection. GG July 1995. "Quonker"
<i>Pediodes bruni</i> (Caudell)	6 mi. SE Park Hqts., on lechuguilla, 08-19-83, 3 females; CB, 5500' on road, 08-19-83, male; CB, 10-26-46 (Tinkham, 1948)
<i>Pediodes tinkhami</i> Hebard	6 mi. SE Park Hqts., on lechuguilla, 2700', 08-19-83, female; Wadi Burnham Ranch, N base of CM (Tinkham, 1948)
GRYLLACRIDIDAE	
<i>Ceuthophilus conicaudus</i> Hubbell	Boot Canyon, Upper Juniper Springs (Tinkham, 1948); Upper portion of Blue Creek Trail, 08-07-82, K.Landa
GRYLLIDAE	
<i>Cycloptilum</i> sp.	CB, 7/15-16/95 (Stidham, report to Park) [in Mogoplostidae of some authors]
<i>Gryllus</i> n. sp.	RGV, July 7-9, 1995, JA Stidham (report to Park)
<i>Hoplosphyrum boreale</i> (Scudder)	CB, 6000', 10-24-46 (Tinkham, 1948) [in Mogoplistidae of some authors]

<i>Miogryllus sp.</i>	RGV, 7/7-9/95, Stidham
<i>Oecanthus sp.</i>	K-Bar, lite, Oct. 1973, S,Radinovsky; Dagger Flat, 07-04-66, W.Phillips
<i>Oecanthus californicus</i> Saussure	CB Lodge, at light, 5500', 06-26-82, female; 4 mi. W Basin Jct., 3700', tall grass in dry stream bed, male
MYRMECOPHILIDAE	
<i>Myrmecophilus</i> <i>nebrascensis</i> Lugger	[<i>Myrmecophila</i>] 41.8 km S. Alpine, 11 Aug 1979, Francke, Hall, Merickel, Moody, in nest of <i>Solenopsis xyloni</i> McCook; 9-point Draw, desert shrub, AVP, in nest of <i>Pogonomyrmex rugosus</i> Emery
DERMAPTERA	
LABIIDAE	
<i>Species ! & 2</i>	Two unidentified species taken at K-Bar, nite lite, 10-25-73, Radinovsky
DICTYOPTERA	
MANTIDAE	
<i>Litaneutria minor</i> (Scudder)	CB, 5500', 09-28-82 and 06-26-82, males + S base PB, 10-24-46
<i>Oligonicella scudderi</i> (Saussure)	CM, 1943, Hebard; BBNP (Tinkham, 1948)
<i>Stagmomantis californica</i> Rehn & Hebard	PJ, 6/9 to 7/6/69, B.Robinette; BBNP (Tinkham, 1948); CB, light, 1982, 1983, no data; Dog Canyon, 09-03-12, at light, Rehn & Hubbard + canyon behind PB, 4600', 09-07-12, Rehn & Hebard, in low plants and grasses in valley (Hebard, 1943)
<i>Stagmomantis carolina</i> (Johannson)	107-1, CB, at lights, 08-27-37 & 09-06-37, RHB (RHB,1938), det: Hebard '38; 100-1, GG, on composite flower, 09-04-37, RHB
<i>Stagmomantis limbata</i> (Hahn)	BBNP, (Tinkham, 1948); 70-6, CB, 08-07-37, RHB (RHB, 1938), det: Hebard '38; 100-2, GG, 09-04-37, RHB (RHB, 1938); Boquillas, on willow, 08-04-37, RHB (RHB, 1938); GnS, June 24 + Moss Wells, 4800', at night on petiole of sotol with head toward stalk + canyon behind PB, 4600-5000', on low plants and in grasses on floor of valley (Hebard, 1943)
BLATTIDAE	
<i>Periplaneta americana</i> (Linnaeus)	BBNP (Tinkham, 1948), coll. Hebard
POLYPHAGIDAE	
<i>Arenivaga bolliana</i> (Saussure)	59-11, CB, 07-26-37 & 08-07-37, RHB; 70-8, 08-07-37, RHB; Cattail Falls, 10-28-73, S.Radinovsky
<i>Arenivaga erratica</i> (Rehn)	72-3, Bouquillas, at lights, 08-11-37, RHB; BBNP (Tinkham, 1948); CM, 1917 (Hebard, 1943)
<i>Arenivaga grata</i> Hebard	JC, 07/8-21/28, FM Gaige, at light from scrub oak forest, under stones in upper canyon, under rocks in pine-oak forest, from oak-manzanita forest along dry stream bed; UJS, 07-18-28, FM Gaige (Hebard, 1943)
<i>Eremoblatta subdiaphana</i> (Scudder)	CA, (Tinkham, 1948); CA, 04-23-28 & 06-01-28, FFB (Hebard, 1943)
BLATTELLIDAE	
<i>Blattella germanica</i> (Linnaeus)	70-9, 08-07-37, RHB; BBNP (Tinkham, 1948)
<i>Parcoblatta desertae</i> Rehn & Hebard	Juniper Canyon, at light & on ground in dry creek bed through scrub oak, pine and juniper forest + CB, 6500-7000' + Mt. Chilicotal near Glenn Sprs., in juniper forest on summit of west ridge (Hebard, 1943)

<i>Supella longipalpa</i> (Fabricius)	[= <i>S. supellectilium</i> Serville] BBNP (Tinkham, 1948)
ISOPTERA	
KALOTERMITIDAE	
<i>Incisitermes minor</i> (Hagen)	CM, summer 1988, C.M.Fleming
RHINOTERMITIDAE	
<i>Reticulitermes flavipes</i> (Kollar)	CM, summer 1988, C.M.Fleming
TERMITIDAE	
<i>Gnathamitermes perplexus</i> (Banks)	CM, summer 1988, C.M.Fleming
<i>Gnathamitermes tubiformans</i> (Buckley)	Collected at Paint Gap, Croton Springs, CA, in tunnels on low vegetation and under rocks; summer 1988, AVP
<i>Tenuirostritermes cinereus</i> (Buckley)	CM, summer 1988, C.M.Fleming
PSOCOPTERA	
ECTOPSOCIDAE	
<i>Ectopsocus vachoni</i> Badonnel	[= <i>E. dimorphus</i> Mockford & Gurney] This species (and Order) can be expected that some will be found in the Park, since the order is wide-spread.
MALLOPHAGA	
MENOPONIDAE	
<i>Actornithophilus</i> sp.	HS, 03-14-58, RDP, ex <i>Glottis melanoleuca</i> (Gmelin) [= <i>Totanus melanoleuca</i>], greater yellowlegs
<i>Dennyus</i> sp.	"Rio Grande River, Brewster Co.", 03-02-58, ex <i>Aeronautes saxatalis</i> subsp., white-throated swift (2) (TAM)
<i>Dennyus brunneri</i> (Carriker)	HS, 01-24-58, RDP, det KCE, ex <i>Aeronautes saxatalis</i> subsp., white-throated swift (7) (TAM); Graham Ranch, BBNP, 01-24-55, RDP, ex <i>Zonotrichia gambelli</i> (Nuttall) [= <i>Z. leucophrys gambelli</i>], Gambell's sparrow (TAM); near Rio Grande River, BBNP, 03-02-58, RDP, ex <i>Aeronautes saxatalis</i> subsp., det. KCE, white-throated swift (2) (TAM)
<i>Machaerilaemus</i> , prob. <i>melospizae</i> Emerson	HS, 02-12-58, RDP, det KCE & JW, ex <i>Tachycineta thalassina</i> (Swainson) [<i>T. t. lepida</i> Mearns on label], violet-green swallow
<i>Menacanthus</i> sp.	GG, 02-06-58, RDP, ex <i>Sialia mexicana bairdi</i> Ridgway, chestnut-backed western bluebird (TAM)
<i>Myrsidea</i> , prob. <i>palloris</i> (Carriker)	HS, 02-12-58, RDP, ex <i>Stelgidoptera ruficollis</i> (Vieillot), rough-winged swallow (TAM)
<i>Trinoton</i> sp.	Graham Ranch, BBNP, 11-02-57, Porter, ex. <i>Nyroca americana</i> (Eyton) [= <i>Aythya americana</i>], redhead (TAM); CS, 12-58, RDP, ex. <i>Lophodytes cucullatus</i> (Linnaeus), hooded merganser (TAM); GR, 12-04-57, ex. <i>Nettion carolinense</i> (Gmelin) [= <i>Anas carolinensis</i>] a,d 11-22-57, RDP, ex <i>Anas platyrhynchos</i> L., mallard (TAM); San Vicente, 10-26-57, RDP, ex <i>Querquedula discors</i> (Linnaeus) [= <i>Anas discors</i>], blue-winged teal (TAM)
RICINIDAE	
<i>Ricinus</i> sp.	OS Ranch, 01-26-58, RDP, ex <i>Oberholseeria chlorura</i> (Aud.) [= <i>Chlorura</i>], green-tailed towhee (TAM); Graham Ranch, 02-07-58, RDP, ex <i>Melospiza georgiana georgiana</i> ("swamp sparrow")(3)(TAM); Brewster Co., 04-29-58, RDP, ex <i>Spizella pallida</i> (Swainson), clay-colored sparrow (TAM)

PHILOPTERIDAE

<i>Anaticola</i> sp.	Brewster Co., 12-27-51, WL Thompson, ex <i>Perissonetta collaris</i> (Donovan) [= <i>Aythya collaris</i>], ring-necked duck (TAM)
<i>Anatoecus</i> sp.	Brewster Co., 12-27-51, WL Thompson, ex <i>Perissonetta collaris</i> (Donovan) [= <i>Aythya</i>], ring-necked duck (TAM)
<i>Anatoecus icterodes</i> (Nitzsch)	San Vicente, 10-26-57, D. Porter, ex. <i>Querquedula discors</i> (Linnaeus) [= <i>Anas discors</i>], blue-winged teal (TAM)
<i>Bruelia</i> sp.	[= <i>Brueelia</i>] HS, 02-12-58, RDP, ex <i>Tachycineta thalassina lepida</i> Mearns, violet-green swallow (TAM); GG, 02-06-58, RDP, ex <i>Sialia mexicana bairdi</i> Ridgway, bluebird (TAM);] Brewster Co., 04-29-58, ex <i>Spizella pallida</i> (Swainson), clay-colored sparrow (TAM); San Vicente, 03-14-58, ex <i>Calamospiza melanocorys</i> Stejneger, lark bunting (TAM); Graham Ranch, 01-24-58, RDP, ex <i>Zonotrichia leucophrys gambelli</i> , (Nuttall), white-crowned sparrow + 02-07-58, RDP, ex <i>Melospiza georgiana</i> (Latham), swamp sparrow; HS, 03-14-58, RDP, ex <i>Sturnella ludoviciana</i> (Linnaeus) [= <i>S. neglecta</i>], western meadowlark (2) (TAM)
<i>Bruelia penninsularis</i> (Kellogg)	Bill Martin Ranch, 2 mi. W. McKinney Hills, BBNP, 02-01-58, ex <i>Phainopepla nitens</i> (Swainson), Mexican phainopepla (7) (TAM)
<i>Bruelia picturata</i> (Osborn)	Graham Ranch, BBNP, 01-24-58, RDP, ex <i>Zonotrichia leucophrys gambelli</i> (Nutt.), white-crowned sparrow (TAM)
<i>Cummingsiella</i> sp.	[= <i>Quadriceps</i> Clay & Mein.] HS, 03-14-58, RDP, ex <i>Glottis melanoleuca</i> (Gmelin) [= <i>Totanus</i> , on label], greater yellowlegs (TAM)
<i>Fulicoffula distincta</i> Emerson	Graham Ranch, BBNP, 02-07-58, RDP, ex <i>Porzana carolina</i> (Linnaeus), sora, det. RDP (TAM)
<i>Penenirmus</i> sp.	Bill Martin Ranch, 2 mi. W. McKinney Hills, 02-01-58, ex <i>Amphispiza belli nevadensis</i> (Ridgway) (2) (TAM)
<i>Penenirmus auritus</i> (Scopoli)	[= <i>P. varius</i> Emerson] Brewster Co., 04-18-58, RDP, det. JSW, ex <i>Sphyrapicus varius nuchalis</i> Baird, yellowbellied sapsucker (TAM)
<i>Philopterus</i> sp.	Oak Spr., Wilson Ranch, 01-26-58, ex <i>Oberholseria chlorura</i> [= <i>Chlorura chlorura</i>], green-tailed towhee (TAM); TF, 10-16-57, ex <i>Calamospiza melanocorys</i> Stej., lark bunting (TAM); Bill Martin Ranch, 2 mi. W. McKinney Hills, 02-01-58, RDP, ex <i>Amphispiza belli</i> (Cassin) [<i>A. B. nevadensis</i> on label] (TAM)
<i>Philopterus</i> sp.	HS, 02-12-58, RDP, ex <i>Tachycineta thalassima lepida</i> Mearns, violet-green swallow (TAM), and 02-22-58, ex <i>Eremophila alpestris occidentalis</i> (McCall), Montezuma horned lark (TAM), and 03-14-58 (2) & 04-18-58, RDP, ex <i>Melanospiza lincolni lincolni</i> (Audobon), Eastern Lincoln's sparrow (TAM); GG, 02-05-58, RDP, ex <i>Myadestes townsendi</i> (Aud.), Townsend's solitaire (2), and 02-06-58, RDP, ex <i>Sialia mexicana bairdi</i> Ridgway, bluebird (TAM); Brewster Co., 04-16-58, RDP, ex <i>Sialia sialis</i> (Linnaeus), eastern bluebird & 04-30-58, RDP, ex <i>Contopus sordidulus</i> Sclater [= <i>C. richardsonii</i>], western wood peewee (TAM)
<i>Philopterus citrinellae</i> (Schrack)	OS, Wilson Ranch, 01-26-58, ex <i>Oberholseria chlorura</i> (Aud.) [= <i>Chlorura chlorura</i>], green-tailed towhee (3) (TAM)
<i>Picicola</i> sp.	San Vicente, 03-09-58, RDP, det. KCE, ex <i>Sayornis sayus sayus</i> (Bonaparte), Say's phoebe (TAM)

HETEROPTERA

PENTATOMIDAE

<i>Acrosternum hilare</i> (Say)	30-19, Pine Canyon, 07-01-37, RHB (RHB, 1938)
<i>Banasa euchlora</i> Stal	CB at lights, 08-12-37, RHB
<i>Brochymena</i> sp.	Oak Creek, on <i>Quercus grisea</i> , 07-11-37, RHB (RHB, 1938)
<i>Brochymena sulcata</i> Van Duzee	[= <i>B. pilatei</i> Van Duzee] Boquillas, from trunk of willow (<i>Salix taxifolia</i>), 07-22-37, RHB (RHB, 1938) and 07-22-37, RHB (TAM); Muskog Spr. on <i>Larrea tridentata</i> , 06-11-37, RHB (RHB, 1938)

<i>Brochymena tenebrosa</i> Walker	[? <i>Proxys punctulatus</i> (Palisot)] Muskhog Spr. on creosote (<i>Larrea tridentata</i>), 06-11-37, RHB (RHB, 1938)
<i>Chlorochroa</i> sp.	BBNP, 06-23-37, RHB
<i>Chlorochroa ligata</i> (Say)	Solis Ranch on nightshade (<i>Solanum elaeagnifolium</i>), 06-23-37, RHB, and LJS at camp lights, 06-23-37 and CB, 06-13-37, 07-27-37 on oak (<i>Quercus emoryi</i>), and Lower Blue Creek, 06-28-37, RHB (RHB, 1938)
<i>Chlorochroa sayi</i> (Stal)	CB at lights, 08-07-37, RHB (RHB, 1938)
<i>Dendrocoris</i> <i>contaminatus</i> Uhler	[06-28-37 date on pin not date in MS, date in MS, 06-11-37], RHB, and GG on blossom of <i>Agave lecheguilla</i> , 06-11-37, RHB (RHB, 1938)
<i>Euschistus serva</i> (Say)	[= <i>E. impictiventris</i> Stal] CB, 08-15-68, JEH (TAM); CB, 08-05-68, JEH (TAM); GG, 5700', 08-04-68, JEH (TAM)
<i>Holostethus limbolarius</i> (Stal)	GG, 5700', 07-24-68, JEH, det. LHR (TAM); CB, 08-03-63, MLA (TAM)
<i>Hymenarcys crassa</i> Uhler	GG, 5700', 07-24-68, JEH and 08-14-68, VVB & JEH, det. LHR '70 (TAM); The Window, 1 mi. W., 08-14-68, VVB & JEH (TAM)
<i>Mecidea minor</i> Ruckes	[= <i>M. longula</i> Stal] Marathon, 7 mi. S., 08-18-69, VVB & JEH, det. LHR '71 (TAM); [07-29-37, date not in MS], RHB; CB on <i>Quercus emoryi</i> , 07-19 and 07-27-37, RHB (RHB, 1938)
<i>Menecles incertus</i> (Say)	Lower Blue Creek, on oak (<i>Quercus emoryi</i>), 06-28-37, RHB
<i>Menecles portacrus</i> Rolston	[HOLOTYPE] Lost Mine Trail, 5800 feet; [PARATYPE] GG, 5700', 07-24-68, JEH (TAM) (Rolston, 1973)
<i>Moromorpha tetra</i> (Walker)	[= <i>Mormidea</i>] GG, 5700', 07-24-68, JEH (TAM); CB, 08-15-68, JEH (TAM)
<i>Murgantia histrionica</i> (Hahn)	Solis Ranch, 07-22-37 [07-23-37 in MS], on nightshade (<i>Solanum elaeagnifolium</i>) and other weeds along river bank, RHB, and Boquillas, on willow (<i>Salix taxifolia</i>), 07-22-37, RHB (RHB, 1938)
<i>Oebalus pugnax</i> (Fabricius)	CB, 08-15-68, JEH (TAM); Juniper Canyon, 08-06-68, JEH (TAM)
<i>Podisus acutissimus</i> Stal	Panther Mtn., on willow (<i>Chilopsis linearis</i>), 06-29-37, at tank 2 mi. E. Lone Mtn., 07-02-37, and Oak Creek on oak (<i>Quercus emoryi</i>), 07-15-37 & 07-27-37, RHB, (RHB, 1938); GG 07-24-68, JEH (TAM); CB, 07-23-68, JEH (TAM)
<i>Tepa brevis</i> (Van Duzee)	[not <i>Thyanta</i>] CM, Aug 31-Sep 2 '86, East, Kovarik, Haack (TAM)
<i>Zicrona coerulea</i> (Linnaeus)	Solis Ranch on purple nightshade (<i>Solanum elaeagnifolium</i>), 06-23-37, RHB (RHB, 1938)
SCUTELLARIDAE	
<i>Homaemus proteus</i> Stal	Persimmon Gap, 07-15-68, JEH (TAM); GG, 07-23-68, JEH (TAM)
<i>Homaemus variegates</i> Van Duzee	LJS, at lights, 06-23-37, RHB (RHB, 1938)
<i>Stethaulax marmoratus</i> (Say)	PC, 07-01-37, and Lower Blue Creek, on thistle (<i>Cirsium undulatum</i> var. <i>megacephalum</i>), 06-28-37, and Emory Peak on nut pine (<i>Pinus adulus</i>), 07-02-37, all RHB (RHB, 1938)
THYREOCORIDAE	
<i>Corimelaena pulicaria</i> (Germar)	Solis Ranch, 06-23-37, RHB (RHB, 1938)
CYDNIDAE	
<i>Melanaethus</i> sp.	[= <i>Geocnethus</i>] Boquillas, on <i>Salix taxifolia</i> , 07-22-37, RHB (RHB, 1938) [MS type not clear]
COREIDAE	
<i>Acanthocephala Thomasii</i> (Uhler)	[= <i>A. "kugulosa</i> Dall." of Baker MS] CB, on <i>Agave witzilizeni</i> and <i>lecheguilla</i> and <i>ocotillo</i> , 06-10, 06-12, 06-24, 08-03-37 (TAM), and

<i>Anasa tristis</i> (DeGeer)	Rock Hut, 06-17-37, RHB (RHB, 1938); GG, 07-24-68, JEH (TAM) + 08-13-68, MLA (TAM) + 4700', 08-14-68, JEH (TAM); WT, 08-14-69, VVB & JEH (5) (TAM); 1/2 Mi. W. Window, 08-14-68, JEH (TAM); CB, 07-23-68, JEH + 08-15-68, JEH (TAM); CB, 07-23-68, JEH + 08-15-68, JEH (TAM); CM, AUG 31- Sep 2, '86, East, Kovarik, Haack (TAM) Boquillas on willow (<i>Salix taxifolia</i>), 07-22-37, RHB
<i>Catorhintha guttula</i> (Fabricius)	Panther Mtn., on <i>Diospyros texanum</i> , 06-29-37, RHB, and UCC, 06-30-37 RHB (RHB,1938); CB, 07-23-68, JEH (2)(TAM); GG, 07-24-68, JEH (2)(TAM)
<i>Chelinidea canyona</i> Hamlin	06-15-37, RHB; LJS on <i>Opuntia</i> sp., 06-23-37, and Oak Cr., 06-13-37, and Laguna, 06-12-37, RHB (RHB,1938); CM (Hamlin, 1924) + attacking <i>Opuntia</i> (Mann, 1969)
<i>Chelinidea vittigera</i> Uhler	CM, (Hunter, et al, 1912)
<i>Coriomorus humilis</i> (Uhler)	143, Boquillas, 07-23-37, and Solis Ranch, 06-23-37, RHB (RHB, 1938)
<i>Leptoglossus clypealus</i> Heidemann	CB, 06-13-37, RHB; and Laguna on <i>Acacia greggii</i> , 06-12-37, and Emory Peak, 07-02-37, all RHB (RHB, 1938); GG, 4700', 08-14-68, JEH (15) + 4700', 08-14-68, MLA (TAM); BBNP, 07-10-37, RHB (TAM)
<i>Leptoglossus corculus</i> (Say)	CM, Aug 31-Sep 2 '86, East Kovarik, Haack (TAM)
<i>Leptoglossus phyllopus</i> (Linnaeus)	GG, 5700', 07-24-68, 08-13-68, 08-04-68 (TAM); CA, 08-03-68, JEH (TAM); CB, 08-15-68, JEH (TAM)
<i>Mozena brunnicornis</i> (Herrick-Schaffer)	07-22-37, RHB [does not match MS]; Boquillas, 08-04-37, and Laguna, 06-12-37, and CB on catclaw (<i>Acacia greggii</i> and <i>A. constricta</i>), 06-13,06-14,07-15,07-23,07-26-37, and RH, 06-17-37, and LBC, 06-26-37, RHB (RHB, 1938)
<i>Mozena buenoi</i> Hussey	GG, 4700', 08-14-68, and 07-24-68, JEH (TAM) and 08-13-68, MLA (TAM); WT, 08-05-68, MLA (2)(TAM); 1 mi. E. The Window, 08-05-68, MLA (TAM); CB, 07-23-68, JEH (TAM); BBNP, (59-2), 06-24-37 and (124-2, 124-4, 125-5) 07-27-37 + 07-15-37, all RHB, det. M. Hossain '70 (TAM) (see Hossain, 1970)
<i>Mozena obtusa</i> Uhler	CA, 08-03-68, JEH (TAM); HS, 07-06-48, C&P Vaurie; Boquillas, 07-07-48, C&P Vaurie + 1800', 05-22-59, JFM; SEC, 07-04-48, C&P Vaurie; RGV, 06-02-54, on mesquite, HFH; NPD, 3000', 05-21-59, JFM; OS, 05-04-59, LJB; CB, 05-28-59, HFH/ECB (see Hossain, 1970)
<i>Narnia femorata</i> Stal	LJS on <i>Agave wicilizena?</i> and <i>Opuntia</i> sp., 06-23-37, RHB, and OC, on prickly pear (<i>Opuntia</i>), 06-13, 07-02-37, RHB (RHB, 1938); GG, 07-24-68, JEH (TAM); CB, 07-23-68, JEH (TAM); SRT, 08-14-68, JEH (TAM); BBNP, 07-03-37 & 07-15-37, RHB (TAM)
<i>Phthia picta</i> (Drury)	Boquillas, on <i>Salix taxifolia</i> , 07-22-37, RHB (RHB, 1938)
<i>Piezogaster</i> sp.	CB, 07-23-68, JEH (6)(TAM)
<i>Piezogaster calcarator</i> (Fabricius)	[= <i>Archimerus</i>] [= <i>P. alternatus</i>] Lower Blue Creek, on catclaw (<i>Acacia greggii</i>), 06-28-37, RHB (RHB, 1938)
<i>Scolopocerus uhleri</i> Distant	Marathon, 12 mi. S. 08-18-69, VVB & JEH; BBNP, (22-57, 22-54, 22-55) 06-23-37, RHB (TAM)
ALYDIDAE	
<i>Alydus tomentosus</i> Fracker	[= <i>Coriscus tomentosus</i> Fr.] CB on <i>Prosopis glandulosa</i> , 07-02-37, RHB (RHB, 1938); Juniper Canyon, 08-06-68, JEH, det. J Schaffner '73 (TAM); GG, 5700', 07-24-68, JEH (TAM); BBNP, 07-02-37, RHB
<i>Burtinus notatipennis</i> Stal	GG, 08-14-69, VVB & JEH (TAM), det. J Schaffner '73
<i>Darmistus</i> sp.	SRT, 6700-7200', 08-16-68, JEH (TAM)
RHOPALIDAE	
<i>Arhyssus</i> sp.	[Baker id. = <i>Corizus</i>] Solis Ranch, 06-23-37, RHB (RHB, 1938)

<i>Arhyssus lateralis</i> (Say)	[Baker id.= <i>Corizus</i>] 143, Boquillas, 07-23-37, RHB (RHB, 1938)
<i>Arhyssus parvicornis</i> (Signoret)	[Baker id. = <i>Corizus</i>] Solis Ranch, 06-23-37, RHB, (RHB, 1938)
<i>Arhyssus punctatus</i> (Signoret)	[Baker id. = <i>iCorzus</i>] Boot Spr. on <i>Quercus chisosensis</i> , 07-08-37, and Oak Cr. on <i>Lippia ligustrina</i> , 07-11-37, RHB (RHB, 1938)
<i>Aufeius impressicollis</i> Stal	143, Boquillas, 07-23-37, RHB (RHB, 1938)
<i>Harmostes dorsalis</i> Burmeister	[= <i>H. subrufus</i> Dist.] LJS, 06-23-37 RHB (RHB, 1938); SRT, 08-15-69, VVB & JEH, det. U. Gollner '77 (TAM)
<i>Harmostes reflexulus</i> (Say)	at tank 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938); CB, 08-03-63, MLA, det. U. Gollner '77 (TAM)
<i>Jadera haematoloma</i> Herrick-Schaffer	Casa Grande on milkweed (<i>Asclepias asperula caprocornu</i>) [<i>Asclepiodora decumbens</i>], 07-28-37, RHB (RHB, 1938)
LYGAEIDAE	
<i>Botocudo modestus</i> (Barber)	CB, 5400', 06-27-64, MH Sweet (2), det. MHS '72 (TAM)
<i>Cymus</i> sp.	South Rim on <i>Quercus chisosensis</i> , 07-08-37, RHB (RHB, 1938)
<i>Dycoderus picturata</i> Uhler	Oak Cr. at lights, 06-14-37, RHB (RHB,1938)
<i>Geocoris punctipes</i> (Say)	18-10, Gano Spr., on button bush (<i>Cephalanthus occidentalis</i>), 06-18-37, RHB (RHB, 1938)
<i>Kolenetrus plenus</i> (Distant)	BBNP, 06-27-64, MH Sweet, det, MHS '72 (TAM)
<i>Lygaeus reclinatus enotus</i> Say	CB, 06-14 & 07-30 & 08-07 & 08-12-37, and LBC, on thistle <i>Cirsium undulatum</i> var. <i>megacephalum</i> , and South Rim on <i>Quercus chisosensis</i> , 07-08-37, and Boot Spr. on tobacco plant, 07-07-37, all RHB (RHB, 1938)
<i>Lygaeus trux</i> Stal	GG, 07-24-68, JEH (TAM)
<i>Melanopleurus belfragei</i> (Stal)	SRT, 6700-7200', 08-16-68, JEH (2)(TAM) + 08-15-69, VVB & JEH, det. H. Brailovsky '77 (TAM)
<i>Neacoryphus bicrucis</i> (Say)	[= <i>Lygaeus</i>] GnS, from <i>Salix nigra</i> , 07-23-37 (06-23-37?), and CB at lights, 07-03-37, and Boquillas from <i>Salix taxifolia</i> , 07-27-37 RHB (RHB,1938); GG, 07-23-68, JEH (2)(TAM); SRT, 08-16-68, JEH + 08-15-69, VVB & JEH, det. H Brailovsky '77 (TAM)
<i>Nysius niger</i> Baker	[= <i>N. ericae</i> Schill.] CB, at lights, 06-24-37, and at tank 2 mi E. Lone Mtn. on <i>Salix taxifolia</i> , 07-02-37 RHB (RHB, 1938)
<i>Oncopeltus fasciatus</i> (Dallas)	CB, on milkweed (<i>Asclepiodera decumbens</i>), 07-02-37
<i>Ozophora balboa</i> Distant	[<i>Ozophora</i> is a valid genus; <i>Balboa</i> is also] Oak Cr., 07-30-37, RHB (RHB,1938)
<i>Pseudopamera nitidula</i> (Uhler)	[= <i>Ligyrocoris</i>] Lower Juniper Spring, 06-24-37, and CB, 06-12-37, RHB (RHB,1938)
<i>Toonglasa umbratus</i> (Distant)	[= <i>Extarademus macer</i> (Van Duzee)] GG, 07-23-69, VVB & JEH (TAM)
<i>Uhleriola floralis</i> (Uhler)	Boquillas, 07-23-37, RHB (RHB,1938)
<i>Xyonysius californicus</i> (Stal)	[= <i>Nysius</i>] 43, Boquillas, 07-23-37, and RH on cottonwood (<i>Populus palmeri</i>), 06-17-37, and Solis Ranch, 06-23-37, and PC, 07-01-37, all RHB (RHB, 1938); SRT, 08-16-68, JEH (TAM); TW, 1/2 mi. W., 08-14-68, MLA, det. TW Oldham (TAM)
LARGIDAE	
<i>Largus cinctus</i> Herrich-Schaeffer	[= <i>Euryophthalmus</i>] CB, at lights, 06-12, 06-24, 07029, 08-06, and LJS 06-23-37, and Boquillas, on willow (<i>Salix taxifolia</i>), 07-22-37
BERTYLIDAE	

<i>Jalysus wickhami</i> Van Duzee	[= <i>J. spinosus wickhami</i> of Baker] 143, Boquillas, 07-23-37 + PC from <i>Quercus chisosensis</i> , 07-01-37 + South Rim from <i>Quercus chisosensis</i> , 07-08-37, RHB (RHB, 1938)
<i>Metacanthus multispinus</i> (Ashmead)	[= <i>Aknius</i>] 49-13, Boot Spr., from oak (<i>Quercus chisosensis</i>), 07-08-37, RHB (RHB, 1938)
ARADIDAE	
<i>Aradus gracilicornis</i> Stal	28-2, 08-08-37; 13-38, 06-19-37, RHB [dates do not match MS]; CB, 06-19-37; and Lajitas, 08-16-37, RHB (RHB, 1938)
<i>Aradus lugubris</i> Fallen	13-36, CB, 06-19-37, RHB (RHB, 1938); 13-12-37, 06-19-37, RHB; 76-18, 08-16-37, RHB
<i>Neuroctenus</i> sp.	07-30-37, RHB
<i>Neuroctenus pseudonymus</i> Bergroth	146, Boquillas, 07-30-37 (07-23-27?), and Oak Cr., 07-30-37, RHB (RHB, 1938)
TINGIDAE	
<i>Teleonemia nigrina</i> Champion	Panther Mtn., on willow (<i>Salix taxifolia</i>), 06-29-37, (06-24-37?) + at tank 2 mi. E. Lone Mtn., 07-02-37, and Solis Ranch 06-23-37, all RHB (RHB, 1938)
PHYMATIDAE	
<i>Phymata</i> sp.	[misident, <i>P. erosa</i> (Linnaeus), a European species] CB, 07-27-56, no additional data
<i>Phymata americana coloradoensis</i> Melin	[= <i>P. pennsylvanica coloradensis</i> Melin] 143, Boquillas, 07-23-37, and Gano Spr. from <i>Cephalanthus occidentalis</i> , 06-15-37, and RH on <i>Populus palmeri</i> , 06-17-37, and Rough Run on <i>Baccharis glutinosa</i> , 07-27-37, all RHB (RHB, 1938)
<i>Phymata fasciata</i> (Gray)	[= <i>P. f. georgiensis</i> Melin of Baker] 4-20, Muskog Spr., from <i>Larrea tridentata</i> , 06-11-37, + RH, from <i>Populus palmeri</i> , 06-17-37, + OC, from <i>Quercus grisea</i> , 07-15-37, + RR, from <i>Baccharis glutinosa</i> , 07-27-37, and RHB (RHB, 1938)
<i>Phymata rossi</i> Evans	30-36, no data, and Pine Canyon, from <i>Nolina erumpens</i> , 07-01-37 RHB (RHB, 1938)
REDUVIIDAE	
<i>Apiomerus flaviventris</i> Herrick-Schaffer	7-16, 06-12-37, and CB, 06-12-37, and Gano Spr., 06-18-37 on button bush (<i>Cephalanthus occidentalis</i>) + PC, 07-01-37, on grass, all RHB (RHB, 1938)
<i>Apiomerus longispinis</i> Champion	8-27, CB, on <i>Quercus emoryi</i> , 06-13-37, RHB (RHB, 1938)
<i>Arilus cristatus</i> (Linnaeus)	BBNP, C. Wolfe, 03-04-2000-2001, det. Wolfe
<i>Castolus ferox</i> (Banks)	Oak Cr., 06-13-37, RHB (RHB, 1938)
<i>Heza similis</i> Stal	45-46, CB, on <i>Quercus emoryi</i> , 07-15-37, and Lower Blue Cr., 07-29-38, RHB (RHB, 1938); 07-10-37, RHB (TAM)
<i>Melanolestes</i> sp.	Pine Canyon (ponderosa pine-oak), under rock in nest of <i>Aphaenogaster texana</i> , with ant immatures, 5600', 07-12-71, AVP, det. RC Froescher, '71
<i>Rasahus biguttatus</i> (Say)	57-18, Boquillas, 07-22-37, RHB
<i>Sinea</i> sp.	South Rim, 7200', 07-16-68, JEH (TAM)
<i>Sinea confusa</i> Caudell	Mailbox Tank, 06-11-37, RHB (RHB, 1938)
<i>Sinea rileyi</i> Montandon	48-26, at tank 2 mi. E. Lone Mtn., on willow (<i>Salix taxifolia</i>), 07-02-37, and Boquillas, on <i>Salix taxifolia</i> and <i>Salix nigra</i> , 08-04-37, and Chisos Pen, 06-14-37, and Rock Hut, on <i>Populus palmeri</i> , all RHB (RHB, 1938)
<i>Triatoma gerstaeckeri</i> (Stal)	Had <i>Trypanosoma cruzi</i> : 12 trypanoform and 10 crithidiform parasites, 07-05-66 (S. Wood, BBNP file letter); 06-14-37, 08-09-37,

	07-08-37, RHB (TAM)
<i>Triatoma rubida</i> (Uhler)	poss. <i>T. r. uhleri</i> ; 06-08-66, positive for <i>T. cruzi</i> (S.Wood, BBNP file letter)
<i>Triatoma sanguisuga</i> (LeConte)	25-42, 06-24-37, RHB; and barracks at CCC Camp in CB, 06-14, 07-08, 07-15, 08-07-37 and at light, LJS, 06-25-37, a;; RHB (RHB, 1938)
<i>Zelus renardii</i> Kolenati	55-17, Kit Mtn. on <i>Prosopis glandulosa</i> , 07-29-37 + SoR, 06-23-37 + RH, 07-17-37 + RR, 07-27-37, and at tank 2 mi. E. Lone Mtn., 07-02-37 on willow (<i>Salix taxifolia</i>), and CB, 07-15-37 on <i>Quercus emoryi</i> , all RHB (RHB, 1938); WT, 08-15-69, VVB & JEH, det. ER Hart '72 (TAM); SRT, 08-15-69, VVB & JEH, det. ER Hart '72 (TAM)
<i>Zelus tetracanthus</i> Stal	Prob. BBNP (Hart, 1972)
NABIDAE	
<i>Nabis alternatus</i> Parshley	Muskhog Spr., on desert willow (<i>Chilopsis linearis</i>), 06-11-37 and CB, 06-24-37 and 27-33 at tank 2 mi. E. Lone Mtn., 06-24-37, all RHB (RHB, 1938)
POLYCTENIDAE	
<i>Hesperoctenes eumops</i> Ferris & Usinger	On <i>Eumops perotis</i> , western mastiff bat (Whitaker & Easterla, 1975)
CIMICIDAE	
<i>Cimex lectularius</i> Linnaeus	"Common pest in barracks of CCC camp" (RHB, 1938)
<i>Cimex pilosellus</i> (Horvath)	On <i>Pipistrellus hesperus</i> , western pipistrelle (Whitaker & Easterla, 1975)
ANTHOCORIDAE	
<i>Orius insidiosus</i> (Say)	26-55, LBC, on bear grass (<i>Nolina erumpens</i>), 06-28-37, and at tank 2 mi. E. Lone Mtn. 07-02-37, RHB (RHB, 1938)
MIRIDAE	
<i>Calocoris</i> sp.	JC, 08-06-68, JEH(TAM); CB, 08-15-68, JEH (TAM); PC, 08-07-68, JEH (TAM); SRT, 08-15-68, JEH (TAM); GG, 08-14-68, JEH (TAM); LMT, 1890m, 09-09-88, RSA (TAM)
<i>Hesperolabops gelastops</i> Kirkaldy	GG, 07-25-68, MLA (TAM) + 5700' 08-14-68, JEH (TAM) + 4700', 08-14-68, JEH, det. J. Schaffner '68 (TAM)
<i>Lopidea</i> sp.	Oak Creek, 07-11-37 on <i>Quercus emoryi</i> , RHB (RHB, 1938)
<i>Lopidea confraterna</i> (Gibson)	[= <i>L. burkei</i> Knight] BBNP, Aug 31-Sep 2 '86, East, Kovarik, Haack (TAM)
<i>Lygus lineolaris</i> (Palisot)	[= <i>L. pratensis oblineatus</i> Say] 143, Boquillas, 07-23-37, RHB (RHB, 1938)
<i>Macrotylus</i> sp.	GG, 07-24-68, MLA (TAM)
<i>Oncerometopus</i> sp.	GG, 07-23-68, MLA (TAM)
<i>Ophthalmomiris roseus</i> (Distant)	GG, 08-14-68, JEH (TAM)
<i>Phytocoris</i> sp.	GG, 07-25-68, JEH (2)(TAM)
<i>Phytocoris albidopictus</i> Knight	Marathon, 65 mi. S. (Stonedahl, 1988)
<i>Phytocoris baboquivari</i> Stonedahl	GG, 1430m, 07-23-68 & 08-13-68, JEH (Stonedahl, 1988)
<i>Phytocoris cinereus</i> Stonedahl	[PARATYPE] GG, 5700', 08-14-68, JEH (TAM)

<i>Phytocoris conspurcatus</i> group	CB, 04/28-29/84, night, LG & TP Friedlander, det. GM Stonedahl '83 (TAM)
<i>Phytocoris cuneotinctus</i> Knight	CB, 07-23-68, JEH, det. GM Stonedahl '83 (TAM)
<i>Phytocoris olsenii</i> Knight	Pine Canyon (Stonedahl, 1988)
<i>Phytocoris ramosus</i> Uhler	CA, 05-23-28, FFB (TAM); Lajitas, 12.5 mi. w., 05-30-73, GCG & WEC (2)(TAM)
<i>Phytocoris simulatus</i> Knight	GG, 07-25-68, JEH (TAM)
<i>Phytocoris vanduzeei</i> Reuter	Window Trail, 07-23-68, MLA (TAM)
<i>Phytocoris varius</i> Knight	GG, 08-14-68, JEH, det. GM Stonedahl '83 (TAM)
<i>Polymerus basalis</i> (Reuter)	at tank 2 mi. E. LM, 07-02-37, on willow (<i>Salix taxifolia</i>) and PC, 07-01-37 and LJS on milkweed (<i>Asclepias galiodes</i>), 06-23-37 and Muskog Spr., 06-11-37 and CB on oak (<i>Quercus emoryi</i>), 06-24-37 & 07-13-37, all RHB (RHB, 1938)
<i>Polymerus basalis fuscatus</i> Knight	at tank 2 mi. E. Lone Mtn. on willow (<i>Salix taxifolia</i>), 07-02-37, and Muskog Spr., 06-11-37 RHB (RHB, 1938)
<i>Psallus biguttulatus</i> Uhler	CB, 08-15-69, JEH (TAM)
<i>Pseudatomoscelis seriatus</i> (Reuter)	Nugent Mt., 2 mi. E., 08-13-68, JEH (TAM); Solis Ranch, 08-14-68, JEH (TAM)
<i>Pseudopsallus viridicans</i> (Knight)	[new comb.] CA (Stonedahl & Schwartz, 1986)[See Stonedahl & Schwartz, 1986, for collections of <i>P. demensus</i> (Van Duzee) and <i>P. presidio</i> Stonedahl & Schwartz in the Shafter area]
<i>Rhinacloa forticornis</i> Reuter	Oak Creek, on <i>Lippia ligustrina</i> , 07-27-37 and at corral near Fresno Spr., 06-21-37 and at Solis Ranch, 06-23-37, all RHB (RHB, 1938); GG, 07-24-68, MLA (6)(TAM)
<i>Taedia virgulatus</i> (Knight)	[= <i>T. virgulata</i> var. <i>stigmatosus</i> Knight] BBNP, 06-26-64, MH Sweet (2)(TAM)

GERRIDAE

<i>Gerris</i> sp.	Ernst Tinaja, 03-25-71, no data (Park file)
<i>Gerris nyetalis</i> Drake & Harris	8-16, OC, 06-13-37 & 8-19, 06-13-37, RHB (RHB, 1938); Lower Cattail Canyon, 06-19-38 and CB 07-30-37 RHB (RHB, 1938)
<i>Gerris remigis</i> Say	Boot Springs (Lind, O.T. and C.A.Bane, 1975)

VELIIDAE

<i>Microvelia</i> sp.	21-8, Fresno Spr., 06-21-37, RHB and 50-38, South Rim, 07-08-37, RHB; 07-08-37, RHB, det: Hungerford; Ernst Tinaja, 03-25-71, no data; Boquillas Beaver Marsh 2 (Lind, O.T. and C.A.Bane, 1975) male, female, Glenn Springs, 01-04-70 (M.Sanderson, BBNP file)
<i>Microvelia beameri</i> McKinstry	
<i>Microvelia paludicola</i> Champion	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
<i>Ragovelia</i> sp.	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
<i>Rhagovelia choreutes</i> Hussey	Tornillo Spr., lower, San Vicente; Apr (Bowles, 2000)
<i>Rhagovelia distincta</i> Champion	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)

HYDROMETRIDAE

<i>Hydrometra martini</i> Kirkaldy	Rio Grande pond, 03-10 to 11-71, det: D.Nye
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MESOVELIIDAE

<i>Mesovelgia amoena</i> Uhler	Pour-Off Spr + Chilicotal Spr. + Grapevine Hills; March (Bowles, 2000)
HEBRIDAE	
<i>Merragata</i> sp.	Rio Grande Village, pond outlet, 01-03-70, M.Sanderson (BBNP file)
CORIXIDAE	
<i>Corisella edulis</i> Champion	Smuggler's Tinaja, Mesa de Anguila + Wild Duck Tinaja, Tule Mtn., Apr & May (Bowles, 2000)
<i>Siagra</i> sp.	Equipaje Spr., Bone Spr + McKinney Spr + Smuggler's Tinaja, Mesa de Anguila + Wild Duck Tinaja, Tule. Mtn.; Mar, Apr, May (Bowles, 2000)
<i>Graptocorixa abdominalis</i> (Say)	Ernst Tinaja, Boots Springs (Lind, O.T. and C.A.Bane, 1975)
<i>Graptocorixa serrulata</i> (Uhler)	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975); Chisos Pen, 06-04-37 & Fresna Spr., 06-21-37, RHB, (RHB, 1938)
<i>Morphocorixa compacta</i> (Hungerford)	Ernst Tinaja (Lind, O.T. and C.A.Bane, 1975)
<i>Trichocorixa</i> sp.	BBNP
NOTONECTIDAE	
<i>Buenoa</i> sp.	Ernst Tinaja, 03-25-71, no data
<i>Buenoa margaritacea</i> Torre-Bueno	Ernst Springs, 10-30-67, R.Wilcox; Ernst Tinaja (Lind, O.T. and C.A.Bane, 1975)
<i>Buenoa omani</i> Truxal	Boquillas Beaver Marsh 2 (Lind, O.T. and C.A.Bane, 1975)
<i>Buenoa scimitra</i> Bare	Gov't Springs, 10-29-67, R.Wilcox
<i>Notonecta</i> sp.	Rio Grande Village, pond outlet, 01-03-70 (M.Sanderson, BBNP file)
<i>Notonecta lobata</i> Hungerford	11-3, Lower Cattail Canyon, 06-19-37, RHB, det Hungerford & Oak Creek, 06-13-37, RHB (RHB, 1938); Boot Springs, Ernst Tinaja, CF (Lind, O.T. and C.A.Bane, 1975)
<i>Notonecta Montezuma</i> Kirkaldy	50-34, South Rim, 7000', 07-08-37, RHB, det: Hungerford (RHB, 1938)
<i>Notonecta undulata</i> Say	18-14, Gano Spr., 3400', 06-18-37, RHB & 48-46, 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938)
PLEIDAE	
<i>Neoplea striola</i> (Fieber)	Boquillas Beaver Marsh 1 and 2 (Lind, O.T. and C.A.Bane, 1975). [identified as <i>Plea</i>]
NAUCORIDAE	
<i>Ambrysus</i> sp.	Tornillo Creek, at mouth, 01-03-70 (M.Sanderson, 1970 BBNP file list); Boquillas Beaver Marsh 1, Rio Grande Village (Lind, O.T. & C.A.Bane, 1975)
<i>Ambrysus buenoi</i> Usinger	Tornillo Creek, RGV, Tornillo Creek Rock Pool, Ernst Tinaja, Cattail Falls (Lind and Bane, 1975)(Davis, 1996); Terlingua Cr., 07-15-80, JR Davis (Davis, 1996)
<i>Ambrysus circumcinctus</i> concaus LaRivers	Rio Grande @SEC, 25-VI-78, WD Shepard (Davis, JR, 1996)
<i>Ambrysus h. hungerfordi</i> Usinger	Claro Spr #1-3, ; Apr (Sites and Bowles, 1995)
<i>Ambrysus lunatus</i> Usinger	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975); Terlingua Cr. @ mouth, 3-IV-69, WU Brigham (Davis, JR, 1996)
<i>Ambrysus mormon</i> australis LaRivers	Terlingua Cr. @ mouth, 3-IV-69, WU Brigham (Davis, JR, 1996)

<i>Pelocoris b. biimpressus</i> Montandon	Rio Grande Village Nature Trail Marsh, 20-IV-74, C.Bane (Davis, JR, 1996)
<i>Pelocoris femoratus</i> (Palisot)	BBM 1 (Lind, O.T. and C.A.Bane, 1975) [Prob. <i>P. b. biimpressus</i> ; <i>P. femoratus</i> in east Texas (Davis, JR, 1996)]
BELOSTOMATIDAE	
<i>Abedus</i> sp.	Boquillas Beaver Marsh 1, CF (Lind, O.T. and C.A. Bane, 1975)
<i>Abedus breviceps</i> Stal	114-3, UCC, 06-30-37 & 08-02-37, RHB, det: Hungerford and Lower Cattail Canyon, 06-19-37 RHB (RHB, 1938); CF (Lind, OT & CA Bane, 1975)
<i>Belostoma</i> sp.	Boquillas Beaver Marsh 1, CF (Lind, O.T. and C.A. Bane, 1975)
<i>Lethocerus</i> (? <i>del-pontea</i> DeCarlos)	[Not a valid name - Henry and Froeschner] 99-12, at tank 2 mi. E. Lone Mtn., 07-01-37, RHB (RHB, 1938)
<i>Lethocerus americanus</i> (Leidy)	BBNP, 03-04-2000-2001, C. Wolfe, det. Wolfe
<i>Lethocerus griseus</i> (Say)	[= <i>Benacus</i>] Cattail Falls, 04-27-56, Bob Jeffries
NEPIDAE	
<i>Ranatra</i> sp.	Rio Grande Village, 01-16-68, R.Siglin
<i>Ranatra fusca</i> Palisot	Tornillo Creek, Ernst Tinaja (Lind, O.T. and C.A.Bane, 1975)
GELASTOCORIDAE	
<i>Gelastocoris rotundus</i> Champion	several springs ; Mar, Apr (Bowles, 2000)
OCHTERIDAE	
<i>Ochterus</i> sp.	Santa Spr., Smokey Cr. + Goat Spr, Harte Ranch; May (Bowles, 2000)
HOMOPTERA	
CICADIDAE	
<i>Beameria venosa</i> (Uhler)	"All over park on grass", Sanborn, 6-7/93
<i>Cacama valvata</i> (Uhler)	"All over Park with <i>Opuntia</i> ", Sanborn, 6-7/93
<i>Cicada chisos</i> Davis	[= <i>Neocicada chisos</i> (Davis)] CM, 1916, det: Davis (Tinkham, E., 1941) + " possible association with Grave's oak", A. Sanborn, 6-7/93
<i>Diceroprocta bibbyi</i> Davis	CM, on creosote & mesquite, E.Tinkham, det: Davis (Tinkham, 1941)
<i>Diceroprocta canescens</i> Davis	north of CM, on creosote & mesquite, 1935, E.Tinkham, det: Davis (Tinkham, 1941)
<i>Diceroprocta cinctifera</i> (Uhler)	CM, on mesquite, 07-17-30, E.Tinkham, det: Davis (Tinkham, E., 1941); RGV, on cottonwoods at dusk, 08/14-16/70 & Lower TC, 08-15-70, R.Woodruff (BBNP file); BBNP, 1991, 1993-4, (AFS & PK Philips, 1996)
<i>Diceroprocta eugraphica</i> (Davis)	CM, on mesquite, catclaw, 07-17-30, E.Tinkham, det: Davis (Tinkham, E., 1941)
<i>Okanagodes terlinga</i> Davis	Terlingua, 06-20-34, CH Gable; San Vicente, 06-22-34, CH Gable (Bibby, MS, 1936) + western park with <i>Atriplex</i> , 6-7/93, A. Sanborn
<i>Tibicen chisosensis</i> Davis	CM, 1934, D.Casteel, det: Davis (Tinkham, 1941)
<i>Tibicen duryi</i> Davis	CM, 7000', on oaks & pines, Tinkham, det: Davis (Tinkham, 1941)

<i>Tibicen inauditus</i> Davis	CM, Davis, det: Davis (Tinkham, E., 1941)
<i>Tibicen townsendii</i> (Uhler)	base of Mt. Emory, 5500', so sotol, huisache, 07-17-30, Tinkham, det: Davis (Tinkham, 1941)
MEMBRACIDAE	
<i>Carynota marmorata</i> (Say)	GG, 5700', 08-14-68, JEH, det. DD Kopp '73 (TAM)
<i>Centrodontus atlas</i> (Goding)	CA, 05-27-28, FFB, det. WD Funkhouser (TAM)
<i>Stictopelta marmorata</i> Goding	BBNP, 18-12, 06-18-37, RHB (TAM)
<i>Tylocentrus reticulatus</i> Van Duzee	BBNP, 48-28 & 48-80, 070-02-27, RHB (TAM)
<i>Vanduzeeia</i> sp.	BBNP, 26-21, 06-28-37, RHB, det. DD Kopp '71 (TAM)
<i>Vanduzeeia triguttata</i> (Burmeister)	Marathon, 08-10-61, HRB, det. DD Kopp '71 (TAM)
CICADELLIDAE	
<i>Aceratagallia</i> sp.	generalist. 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Aceratogallia uhleri</i> (Van Duzee)	Marathon, 08-05-64, HRB & JA (TAM)
<i>Athysanella [uncinata</i> Ball & Beamer?]	Persimmon Gap, on <i>Hilaria mutica</i> , 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Athysanella arcana</i> Ball & Beamer	[=A. evita Wesley & Blocker] PrG, on <i>Scleropogon brevifolius</i> , 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Athysanella magdalena</i> Baker	CM, on <i>Bouteloua</i> , 8/84 R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Athysanella nacazarana</i> (Osborn)	Burro Mesa, on <i>Cathesticum erectum</i> , 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Athysanella spatulata</i> Ball & Beamer	[HOLOTYPE] Burro Mesa, on <i>Heteropogon contortus</i> , R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985); [PARATYPES] Marathon, 07-09-38, RH Beamer (Ball & Beamer, 1940)
<i>Aulacizes</i> sp.	CB, 07-01-68, MLA, det. Oman '76 (TAM)
<i>Balclutha rufofasciatus</i> Merino	[=Balelutha, missp.] BBNP, no data (Whitcomb, R., BBNP file letter) [mis-ID?]
<i>Balclutha neglecta</i> (DeLong & Davidson)	generalist, 8/84, R.Whitcomb, det: Hicks (Whitcomb, 1985)
<i>Cuerna alta</i> Oman & Beamer	SRT, 6800', 03-16-68, JEH, det. MW Nielson '76 (TAM)
<i>Cuerna obesa</i> Oman & Beamer	Marathon, 08-05-64, HRB, det. MW Nielson '76 (TAM)
<i>Dikraneura</i> sp.	generalist, 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985; CA, 04-26-28, FFB, det. RKF (TAM)
<i>Draeculacephala</i> sp.	[=Carneocephala] Rio Grande, on <i>Cynodon dactylon</i> , 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Empoasca</i> sp.	SRT, 08-15-69, VVB & JEH (TAM)
<i>Exitianus exitiosus</i> (Uhler)	generalist, 8/84, R.Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Flexamia bandarita</i> Whitcomb & Hicks	[HOLOTYPE, male] CM, on <i>Bouteloua curtipendula</i> , 7 Aug 1987, 5200 ft, IPL 003262, Whitcomb, R., (USNM); [PARATYPES, 2m], 1f same collection data, Texas; Marathon Basin, 8 Aug 1984 (NMNM, BARC, KU, KSU; Chisos Mtns, 17 July 1946, D.J. & J.N. Knull (OSU) (Whitcomb and Hicks, 1988)

<i>Flexamia flexulosa</i> (Ball)	Big Bend area, ex <i>Bouteloua gracilis</i> (Whitcomb, R.F. & A.L. Hicks, 1988)
<i>Flexamia pectinata</i> (Osborn & Ball)	Persimmon Gap, on <i>Bouteloua curtipendula</i> , 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Flexamia prairiana</i> DeLong	Burro Mesa, on <i>Bothrichloa</i> sp., 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Flexamia reflexa</i> (Osborn & Ball)	Big Bend area, ex mixed-prairie associations (Whitcomb and Hicks, 1988)
<i>Flexamia zacata</i> Whitcomb & Hicks	[HOLOTYPE]: PJ, on <i>Muhlenbergia porteri</i> , 26 Aug 1985, 3600 ft, Whitcomb & Hicks, IPO 002093 (USNM); [PARATYPES]: 33m, 10f, same locality and date, IPO 002057, 25 Aug 1985; 13m, 4f, same locality and date (NMNM, BARC, CNC, KU, KSU; OSU) (Whitcomb, R., and Hicks, A.L., 1988)
<i>Gilletiella labiata</i> (Gillette)	CM, on <i>Bouteloua</i> sp., 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Graminella</i> sp.	generalist, 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Laevicephalus</i> sp.	CM, on <i>Bouteloua</i> sp., 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Laevicephalus ustulatus</i> Ross & Hamilton	CM, 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Penthimia americana</i> Fitch	GG, 07-23-68, JEH (TAM)
<i>Stirellus bicolor</i> (Van Duzee)	on panicoid grasses, 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Telusius vagus</i> (Beamer & Tuthill)	Burro Mesa, on <i>Heteropogon contortus</i> , 8/84, R. Whitcomb, det: Hicks (Whitcomb, BBNP file letter, 1985)
<i>Xestocephalus</i> sp.	CA, 05-26-28, FFB, det. Oman '76 (TAM)

DELPHACIDAE

<i>Bostaera nasuta</i> Ball	CM, 06-19-68, MLA, det. LB O'Brien '82 (TAM)
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CIXIIDAE

<i>Oecleus decens</i> Stal	GG, 07-23-68, JEH, det. LB O'Brien '70 (TAM)
<i>Oliarus</i> sp.	Chisos Pen, on mesquite (<i>Prosopis glandulosa</i>), 06-14-37, RHB (RHB, 1938)
<i>Platycixius</i> sp.	GG, 07-24-68, JEH (TAM)

FULGORIDAE

<i>Alphina glauca</i> (Matcalf)	Pine Canyon, on <i>Pinus ponderosa</i> , 07-01-37, RHB (RHB, 1938)
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FLATIDAE

Species 1	K-Bar, nite lite, 11-01-73, Radinovsky
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ISSIDAE

[=Acanaloniidae]

<i>Acanalonia similis</i> Doering	GG, 07-23-68 and Pine Canyon, 08-07-68, JEH, de. LB O'Brien '70 (TAM)
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COCCIDAE

<i>Ceroplastes irregularis</i> Cockerell	Fossil Hill, bet, Alpine and Terlingua, on <i>Atriplex canescens</i> (Pursh.) James, 1920's (Bibby, 1931)
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KERMESIDAE

<i>Allokermes branigani</i> (King)	[=Kermes] CB, on <i>Quercus grisea</i> , 06-15-76, M.Kosztarab
<i>Allokermes</i> , near <i>galliformis</i> (Riley)	[=Kermes] CB, on <i>Quercus grisea</i> , 06-15-76, M.Kosztarab
DIASPIDIDAE	
<i>Abgrallaspis coloratus</i> (Cockerell)	Marathon, on <i>Chilopsis linearis</i> (McDaniel, 1969)
<i>Acutaspis agavis</i> (Town. & Cockerell)	CM, on <i>Agave lechuguilla</i> , GF Ferris, 1921 (Ferris, 1941)(McDaniel, 1968)
<i>Annulaspis polygona</i> Ferris	CM, on perennial grass (McDaniel, 1974)
<i>Aonida shastae</i> (Coleman)	CM, on <i>Cupressus macnabiana</i> (McDaniel, 1968)
<i>Chionaspis pinifoliae</i> (Fitch)	[ident. as <i>Phenacaspis</i>] CM, on <i>Pinus cembroides</i> & <i>Pseudotsuga taxifolia</i> (McDaniel, 1972b)
<i>Clavaspis texana</i> Ferris	CM, on <i>Diospyros texana</i> (McDaniel, 1968)
<i>Cupidaspis cupressi</i> (Coleman)	[=Lineaspis ??] CM, on <i>Cupressus arizonica</i> (McDaniel, 1972b)
<i>Diaspidiotus osborni</i> (Newell & Cockerell)	CM, on <i>Quercus undulata</i> (McDaniel, 1969)
<i>Dicirculaspis bibursa</i> (Ferris)	[=Circulaspis] CM, on grass ((McDaniel, 1974)
<i>Hemiberlesia lataniae</i> (Signoret)	Tornillo Cr., on mistletoe and mesquite, det. GFF (McDaniel, 1969)
<i>Lepidosaphes</i> sp., near <i>mimosarum</i> (Cockerell)	[=Velataspis ??] CA, on <i>Acacia</i> sp, prob. <i>farnesiana</i> (Linnaeus)(Bibby, 1931)
<i>Melanaspis deliquescens</i> Ferris	CM, on <i>Acacia constricta</i> (McDaniel, 1970)
<i>Melanaspis smilacis</i> (Comstock)	CM, on <i>Dasyllirion</i> , GF Ferris, 1921 (Ferris, 1941); CM, on <i>Dasyllirion</i> sp. (McDaniel, 1970)
<i>Nuculaspis californica</i> (Coleman)	CM, on <i>Pseudotsuga taxifolia</i> , <i>Pinus ponderosa</i> , and <i>P. cembroides</i> (McDaniel, 1970)
<i>Protodiaspis lobata</i> Ferris	CM, on <i>Quercus</i> sp. (McDaniel, 1973)
<i>Protodiaspis varus</i> Hoke	CM, on <i>Quercus texana</i> (McDaniel, 1973)
<i>Rhizaspidiotus dearnessi</i> (Cockerell)	CM, on <i>Gymnolomia tenuifolia</i> & [<i>Chrysoma laricifolia</i> ?]; Glenn Sprs., on <i>Parthenium incanum</i> (McDaniel, 1970)
<i>Velataspis mimosarum</i> (Cockerell)	CA, on <i>Acacia</i> sp. (prob. <i>farnesiana</i>) (McDaniel, 1973)
<i>Xerophilaspis prosopidis</i> (Cockerell)	CA, on <i>Prosopis chilensis</i> ; Tornillo Cr., on <i>Prosopis</i> (McDaniel, 1973)
PSEUDOCOCCIDAE	
<i>Cataenococcus olivaceus</i> (Cockerell)	Marathon on <i>Bertelotia sericae</i> Rybd.; CM, on <i>Brayodendron texanum</i> (Scheele) Small + Glenn Sprs., on <i>Polieria angustifolia</i> (Engelm.) Gray (McDaniel, 1972a)
<i>Paracoccus juniperi</i> (Ehrhorn)	[=Spilococcus] CM, on <i>Cupressus arizonica</i> Green (McDaniel, 1975b)
<i>Phenacoccus dearnessi</i> King	CM, on [<i>Chrysoma lariofolia</i> Greene?] and <i>Amygdalus havardii</i> Wight (McDaniel, 1975a)
ERIOCOCCIDAE	
<i>Acanthococcus boguschi</i> (McDaniel)	[=Eriococcus][=Paronychia jamesii][= <i>E. tinsleyi</i>] CM, GF Ferris, ex <i>Prosopis glandulosa</i> and <i>Croton</i> sp. (McDaniel, 1964)

THYSANOPTERA

AEOLOTHRIPIDAE

Aeolothrips duvali Gov't Sprs., sweeping, 07-05-86, Woolley (Cole, 1989)
Moulton

THRIPIDAE

Bregmatothrips Gov't Sprs., sweeping, 07-05-86, Woolley (Cole, 1989)
sonorensis Stannard

Caliothrips marginipennis BBNP, sweeping, 07-05-86 (Cole, 1989)
(Hood)

Chirothrips mexicanus Gov't Sprs., sweeping, 07-05-86 (Cole, 1989)
Crawford

Frankliniella occidentalis BBNP, sweeping, 07-05-86 (Cole, 1989)
(Pergande)

{Taxonomy follows JD Oswald for the most part}

NEUROPTERA

CORYDALIDAE

MEGALOPTERA of some authors

Corydalis cornutus [=Corydalis][=C. *cognatus* Hagen] Boquillas, 07-25-60, A.Garcia
(Linnaeus) and H.Brodrick; BBNP (Bane. C.A. Na O.T.Lind, 1978) (record
questioned by Oswald); listed as C. cf. *cognatus* Hagen, Tornillo
Creek (Lind, O.T. and C.A.Bane, 1975)

Corydalis luteus Hagen [=Corydalis *inamabilis* MacLachlan] Lajitas on Rio Grande, at
lights, 08-16-37, RHB, (RHB, 1938); listed as C. cf. *cognatus* Hagen

ASCALAPHIDAE

Ascaloptynx [=Ascalaphus] BBNP, 1-3 Aug 2003, det. JDO 2003
appendiculata
(Fabricius)

Ululodes sp. BBNP, 1-3 Aug 2003, det. JDO 2003

BEROTHIDAE

Lomamyia sp. # 2 BBNP, 1-3 Aug 2003, det. JDO 2003

Lomamyia squamosa BBNP, 1-3 Aug 2003, det. JDO 2003
Carpenter

MANTISPIDAE

Climaciella brunnea (Say) BBNP, no data, det: R.G.Beard '67

Dicromantispa sayi BBNP
(Banks)

Leptomantispa pulchella [=Mantispa][=Mantispilla] BBNP, no data, 07/4-6/61, 2 females,
(Banks) R.L.Westcott, det: R.Beard '67

Nolima sp. # 1 BBNP, 1-3 Aug 2003, det. JDO 2003

Plega dactylota Rehn 13-24, 06-13-37, RHB, det: R.Beard, '67; 9-9, 06-14-37, RHB, det:
R.Beard '67; 59-9, 07-26-37, RHB, det: R.Beard '67; BBNP, 1-3 Aug
2003, det. JDO 2003

Plega signata (Hagen) [=Symphrasis *signata* (Hagen)] CB, 06-14, 06-19, 07028-37, RHB
(RHB, 1938) [record questioned by Oswald]

HEMEROBIIDAE

Symphorobius killingtoni BBNP, JD Oswald, 1-3 Aug 2003
Carpenter

Symphorobius perparvus [=Hemerobius] BBNP, JD Oswald, 10-3 Aug 2003, det JDO, 2003
(McLachlan)

Symphorobius sp., near *barberi* (Banks) 9-62, CB, on oak (*Quercus emoryi*), 06-14-37, RHB (RHB, 1938) (not confirmed - Oswald -- believes several species may be involved here)

CHRYSOPIDAE

Chrysopa nigricornis Burmeister [= *Chrysopa majuscula* Banks] 9-38, 06-14-37, RHB; South Rim, on oak (*Quercus chisosensis*), 07-08-37, RHB, (RHB, 1938); BBNP, JD Oswald, 1-3 Aug, 2003, det. JDO, 2003

Chrysoperla comanche (Banks) [= *Chrysopa comanche* Banks] 50-94, CB, on oak (*Quercus emoryi*), 06-14-37 & 06-19-37, RHB (RHB, 1938); South Rim, 07-08-37, RHB (RHB, 1938)

Chrysoperla rufilabris (Burmeister) [= *Chrysopa*] BBNP, JD Oswald, 1-3 Aug 2003, det. JDO, 2003

Chrysoperla sp. # 2 (*plorabunda* group) BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003 (distinguished on the basis of the mate calling "songs")

Eremochrysa punctinervis (McLachlan) 9-40, CB, on oak (*Quercus emoryi*), 06-14-37, RHB (RHB, 1938)

Meleoma pallida Banks 50-42, South Rim, on oak (*Quercus chisosensis*), 07-08-37, RHB (RHB, 1938) (record questioned – Oswald, pers.comm.)

Meleoma schwarzi (Banks) [= *Chrysopa*] BBNP, 1-3 Aug 2003, det. JDO 2003

Pseudomallada luctuosus (Banks) [= *Chrysopa*] BBNP, 1-3 Aug 2003, det. JDO 2003

Yumachrysa apache (Banks) [= *Chrysopa*] BBNP, 1-3 Aug 2003, det. JDO 2003

MYRMELEONTIDAE

Brachynemurus hubbardii Currie [= *Hesperoleon*] Boquillas, at lights, 08-05-37, RHB (RHB, 1938)

Brachynemurus sackeni Hagen [= *Hesperoleon*] 76-5, Lajitas, at lights, 08-06-37 (08-16-37?), RHB (RHB, 1938); BBNP (Stange, 1970)

Chaetoleon pusillus (Currie) [= *Brachynemurus*] "Big Bend Nat'l Mon." (Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Clathroneuria coquilletti (Currie) [= *Brachynemurus*] [= *Hesperoleon*] 25-99, Lower Juniper Springs, at lights, 06-23-37, and Boquillas, at lights, 08-04-37, RHB (RHB, 1938)

Clathroneuria schwawzi (Currie) [= *Brachynemurus*] BBNP (Stange, 1970)

Mexoleon papago (Currie) [= *Brachynemurus*] [= *Hesperoleon*] 82-7, Boquillas, at lights, 08-05-37, and Panther Spring, 06-29-37, RHB (RHB, 1938)

Myrmeleon exitialis Walker ? – BBNP, no data; prob. not *immaculatus* as orig. det.

Paranthaclisis hageni (Banks) [= *Acanthaclisis*] BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Psammoleon sinuata Currie [= *Chrysopa*] 13-2, CB, 06-13-37 (-6-14-37?), and Boquillas, 07-20-37, RHB (RHB, 1938); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Scotoleon carrizonus (Hagen) [= *Brachynemurus*] [= *Hesperoleon douglasi* Banks] 57-50, Boquillas, at light, 07-22-37, RHB (RHB, 1938); 22-42, 06-23-37, RHB; BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Scotoleon dissimilis (Banks) [= *Brachynemurus*] [= *Hesperoleon curriei* Banks] Boquillas, at lights, 07-22-37, RHB (RHB, 1938) (ref. synonymy Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Scotoleon expansus (Navas) [= *Brachynemurus*] Glenn Spr. (No county given) (Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Scotoleon longipalpis (Hagen) [= *Brachynemurus*] BBNP (Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Scotoleon marshi (Stange) [= *Brachynemurus*] [HOLOTYPE] [PARATYPE] 22 mi. S. Marathon (Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

Scotoleon minusculus (Banks) [= *Brachynemurus*] [= *Hesperoleon*] Solis Ranch, 06-23-37; Boquillas, 08-11-37; Lajitas, 08-16-37, all RHB (RHB, 1938); Glenn Sprs. + 22 mi. S. Marathon (Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

<i>Scotoleon nigrescens</i> (Stange)	[= <i>Brachynemurus</i>] [PARATYPES] 22 mi. S. Marathon, 09-03-60, L. Stange; Tornillo Flat, 08-12-48, W. Nutting & F. Werner; Terlingua, 07-03-48, C & P Vaurie (Stange, 1970); BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003
<i>Scotoleon nigrilabris</i> Hagen	[= <i>Brachynemurus</i>] "Big Bend" (Stange, 1970)
<i>Scotoleon peregrinus</i> (Hagen)	[= <i>Myrmeleon</i>] BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003
<i>Scotoleon</i> sp. # 9	BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003
<i>Vella fallax texana</i> (Hagen)	[= <i>Myrmeleon</i>] 95-2, 08-22-37, RHB; Panther Jct., 09-29-73, S. Radinovsky; BBNP, 1-3 Aug 2003, JD Oswald, det. JDO 2003

COLEOPTERA

HYDROSCAPHIDAE

<i>Hydroscapha natans</i> LeConte	Glenn Springs, 03-23-72, H. Brown, det: Brown (BBNP file letter)
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CARABIDAE

CICINDELIDAE included in Carabidae

<i>Amara californica</i> Dejean	Cottonwood Camp., 4/23/94, Purrington
<i>Anisodactylus dulcicollis</i> (LaFerte)	[= <i>Triplectrus</i>] CM, 06-27-59, J. Knull
<i>Anisodactylus texanus</i> Schaeffer	[= <i>Triplectrus</i>] CM, July, HA Wenzel
<i>Apenes lucidulus</i> Dejean	Oak Spring, 08-15-62, CA Triplehorn
<i>Apristis latens</i> (LeConte)	Boquillas Cyn., 4/29/94, Purrington (report to Park)
<i>Aspidoglossa subangulata</i> (Chaudoir)	Cottonwood Camp., CA, 4/30/94, Purrington
<i>Bembidion</i> sp.	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, D. Heffern
<i>Bembidion carinatum</i> (LeConte)	Santa Elena, 4/30/94, Purrington
<i>Bembidion intermedium</i> (Kirby)	[prob. mis-ID, re EGR] Chisos Pen, 06-14-37, RHB (RHB, 1938)
<i>Bembidion mexicanum</i> Dejean	GnS, 5/4/95, Purrington
<i>Brachinus</i> sp.	Rosillos Mts., Buttrill Spring, 07-29-87, UV lite, D. Heffern
<i>Brachinus fumans</i> (Fabricius)	Big Bend Ranch, Fresno Cr., 4/30/96, Purrington
<i>Brachinus javalinopsis</i> Erwin	Grapevine Hills Cpgd., 3100', UV lite, 06-27-82, R. Anderson, det: G. Ball
<i>Brachinus quadripennis</i> Dejean	[= <i>B. stygicornis</i> Say] Rock Hut, 06-17-37 and Chisos Pen, 06-14-37 RHB (RHB, 1938)
<i>Bradycellus rivalis</i> LeConte	GnS, 4-V-95, F.F. Purrington
<i>Calleida platynoides</i> Horn	[= <i>Lecalida pimalis</i> Casey] CM, July, H. Wenzel
<i>Calleida viridicollis</i> (LeConte)	[= <i>Philophuga viridicollis</i>] Solis Ranch, 06-23-37, RHB (RHB, 1938); CM, July, HA Wenzel; CM, June 1939, 1940, 1957, 1961, JJ & JN Knull
<i>Calosoma affine</i> Chaudoir	North Rosillos Mts. Preserve, 07-27-87, D. Heffern, det: Downie '87
<i>Calosoma marginalis</i> Casey	North Rosillos Mts. Preserve, 07-27-87, D. Heffern, det: Downie '87

<i>Calosoma peregrinator</i> Guerin-Meneville	Grapevine Hills Cpgd., 07-11-82; K-Bar Cpgd., 07-09-82, both by UV lite, RSA, det: G.Ball
<i>Chlaenius leucoscelis</i> Chevrolat	Boquillas Cyn., 4/29/94, Purrington (report to Park); Chisos Pen at water's edge, 06-14-37, RHB (RHB, 1938)
<i>Chlaenius obsoletus</i> LeConte	Boquillas Cyn., 4/29/94, Purrington (report to Park)
<i>Cicindela lemniscata</i> <i>rebaptisata</i> Vaurie	RGV, 1800-1900', 07-10-68, GCG (2); TC, (lower), 1800-1900', 06-18- 67; TeC, 2500-2600', 07-13-68; RR, 2500-2600', 07-10-68, GCG, det. GCG (TAM); PJ, 3700-3800', 07-12-68 and 07-16-69, all GCG (Gaumer, 1973; K-Bar Cpgd., 3400', UV light, RSA, det. RSA; Boquillas, 08-11-37 + Solis Ranch, 06-23-37, RHB (RHB, 1938); near SEC, dry wash, 07-13-68, GCG (TAM)
<i>Cicindela n.</i> <i>nigrocoerulea</i> LeConte	TC (lower), 1800-1900', 07-12-68, G.Gaumer (Gaumer, 1973)
<i>Cicindela ocellata</i> <i>rectilatera</i> Chaudoir	RGV, 1800-1900', 07-10-68; TC (lower), 07/10-12/68; TeC, 2100- 2200', 07/10-12/68; RR, 2500-2600', 07/10-12/68, all GCG (Gaumer, 1973); BBNP, 06-28-37, RHB (TAM); RGV, light, 07/10-12/68, GCG; Solis Ranch at lights along river, 06-23-37, and Boquillas, 07-23-37, RHB (RHB, 1938); Santa Elena, Mexico, 30-IV-94, F.F. Purrington (report to Park)
<i>Cicindela punctulata</i> Olivier	K-Bar, light, S.Radinovsky); PJ, 9/59, H.Brodrick
<i>Cicindela s.</i> <i>sedecimpunctata</i> Klug	CB, 5000', G.Gaumer (Gaumer, 1973); CB, 07-14-68, G.Gaumer, det: Gaumer; CM, 07-17-46, D&J.Knull
<i>Cicindela sperata sperata</i> LeConte	RGV, 1800-1900', 07-10-68; TC, 1800-1900', 06-18-67; TeC, 2100- 2200', 06-19-67; Rough Run, 2500-2600', 06-19-67, all GCG (Gaumer, 1973). RGV, 07/10-12/68, GCG; Boquillas, 07-04-72, GCG; SoR, on sandy river bank, 06-23-37, RHB (RHB, 1938)
<i>Cicindela tenuisignata</i> LeConte	LaLinda, 06-16-67, G.Gaumer (Gaumer, 1973)
<i>Clivina planicollis</i> LeConte	[=C. <i>texana</i> LeConte] Kibbee Spr., 08-25-37, RHB (RHB, 1938)
<i>Colliuris pennsylvanicus</i> (Linnaeus)	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, DH, det: Heffern '87
<i>Cymindis punctifer</i> LeConte	[=C. <i>cribrata</i> complex?][=Pinacodera] Maple Canyon, 5200', 07-10-82, RSA, det: G.Ball; Laguna in cavity of dead sotol stalk, 07-07-37, RHB (RHB, 1938)
<i>Dicaelus costatus</i> LeConte	Cottonwood Cpgd., 07-13-82, UV light, RSA, det: G.Ball
<i>Discoderus sp., nr.</i> <i>robustus</i> Horn	Lower Cattail Canyon, near water, 06-19-37, RHB (RHB, 1938)
<i>Discoderus robustus</i> Horn	PJ, 4/30/94, Purrington & Drake
<i>Harpalus animosus</i> Casey	[=H. <i>montuosus</i> Csiki] CM, 08-03-62, 08-04-62, WE & CA Triplehorn
<i>Harpalus caliginosus</i> (Fabricius)	K-Bar Cpgd., UV light, 07-09-82, R.Anderson, det: G.Ball
<i>Harpalus desertus</i> LeConte	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Harpalus fraternus</i> LeConte	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Helluomorphoides sp.</i>	K-Bar, light, S.Radinovsky; Basin, Window Trail, 05-03-69, EJ Moore & RL Berry
<i>Helluomorphoides</i> <i>ferrugineus</i> (LeCnte)	Grapevine Hills Cpgd., UV light, 07-11-82, RS Anderson; K-Bar Cpgd., UV light, 05-29-82, 07-09-82, RSA, det: G.Ball; Maple Canyon, UV liht, 07-10-82, RSA; CM, June, July, Aug., 1959, 1960, 1962, DJ & JN Knull, CA Triplehorn
<i>Helluomorphoides texana</i> (LeConte)	Woodward Ranch, 07-26-87, D.Heffern, det: Downie '87; Rosillos Mts., BuS, 07-30-87, UV lite, D.Heffern [= <i>Helluomorpha</i>]. CM, 07-17- 46, DJ & JN Knull. [= <i>Helluomorpha</i>], SoR, 07-15-37 & OC, 07-15-37, RHB, (RHB, 1938)

<i>Helluomorphoides texanus x latitarsis</i>	Panther Jct., 07-10-82, lights, R.Anderson, det: G.Ball
<i>Lebia analis</i> Dejean	[= <i>L. anchora</i> Chevrolat] CM, 06-26-61, 08-17-62, J.Knull
<i>Lebia atriventris</i> Say	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, D.Heffern, det: Downie '87
<i>Lebia bivittata</i> (Fabricius)	Boquillas at lights, 07-23-37, RHB (RHB, 1938)
<i>Lebia lobulata</i> LeConte	GnS, 4-V-95, F.F. Purrington
<i>Lebia rufopleura</i> Schaeffer	CM, dates in July, H.Wenzel
<i>Lebia viridis</i> Say	K-Bar Cpgd., UV light, 06-29-82, RSA; CM, 07-19-??, 07-17-??, 07-22-??, H.Wenzel; CM, 06-27-54, J.Knull. Anderson coll. det: G.Ball; Rosillos Mts., BuS, 07-30-87, UV lite, DH, det: Downie '87; CB at lights, 07-11-37, RHB (RHB, 1938) [= <i>L. cobaltina</i> Casey] CM, 07-17-46, 07-23-46, JNK; [= <i>L. planifera</i>] CM, 06-26-61, JNK; [= <i>L. viridis</i> var. <i>subopaca</i> Schaeffer] CM, dates in July, H.Wenzel
<i>Megacephala c. carolina</i> (Linnaeus)	[= <i>Cicindela</i>][= <i>Tetracha</i>] RGV, 1800-1900', 07/10-12/68, GCG (9)(TAM); TC, 1800-1900', 06-18-67, 07-12-68, GCG, det: Gaumer '68 (Gaumer, 1973), and Lower TC, GCG (TAM). SEC, RSA. Tuff Cyn., WRS; Boquillas at lights, 07-22-37, RHB (RHB, 1938)
<i>Notiobia sp., nr. terminatus</i> (Say)	[= <i>A. subvirescens</i> Csy.][= <i>Anisotarsus subvirens</i> Casey] CB, 07-18-37, RHB (RHB, 1938)
<i>Notiobia terminata</i> (Say)	Big Bend Ranch, 4/30/96, Purrington (report to Park); [= <i>A. subvirescens</i>][= <i>Anisotarsus subvirens</i> Casey] CM at light, 08-25-60, WE & CA Triplehorn; CM, 06-27-59, JN Knull
<i>Omophron americanum</i> Dejean	CA, 06-01-28, FFB (TAM)
<i>Omophron obliteratum</i> Horn	Big Bend Ranch, Fresno Cr., 4/30/96, Purrington (report to Park)
<i>Paratachys pumilus</i> (Dejean)	Kibbee Spr. at lights, 08-25-37, RHB (RHB, 1938)
<i>Pasimachus californicus</i> Chaudoir	CM, 06-26-61, 07-28-62, 08-06-62, 08-10-62, J.Knull; Cottonwood Cpgd. 08-13-82, UV light, R.Anderson; Grapevine Hills Cpgd., 08-11-82, UV light, RSA
<i>Pasimachus duplicatus</i> LeConte	CM, 08-03-62, C.Triplehorn
<i>Pasimachus obsoletus</i> LeConte	[= <i>P. atronitens</i> Casey] Lost Mine Trail, 6000-6850', 07-15-82, R.Anderson, det: G.Ball; CM, 06-27-59, 06-06-61, J.Knull
<i>Platynus megalops</i> (Bates)	[= <i>P. longiceps</i> Schaeffer] CM, 07-28-62, J.Knull; Maple Canyon, 5200', 07-10-82, UV light, RSA, det: P. megalops, G.Ball
<i>Plochionus incultus</i> Bates	[misid.?] Grapevine Hills Cpgd., 06-23-82; K-Bar Cpgd., 06-29-82, both UV light, RSA, det: G.Ball.
<i>Polpochila capitata</i> (Chaudoir)	[= <i>Cratocara</i>] CM, July, HA Wenzel.
<i>Scarites sp.</i>	BC, 07-31-73, WE & CA Triplehorn
<i>Schizogenius sp.</i>	North RM Mts. Preserve, 07-27-87, UV lite, DH; Rosillos Mts., BuS, 07-30-87, UV lite, DH
<i>Schizogenius depressus</i> LeConte	CM, 07-28-62, JN Knull
<i>Schizogenius falli</i> Whitehead	GnS, 5/4/95, Purrington (report to Park)
<i>Selenophorus sp.</i>	Rosillos Mts., Buttrill Spring, 07-30-87, UV light; North Rosillos Mts. Preserve, 07-27-87, UV lite, both D.Heffern
<i>Selenophorus aeneopiceus</i> Casey	CM, July, HA Wenzel
<i>Selenophorus cupreolus</i> Casey	CM, 07-09-36, JN Knull

<i>Stenolophus ochropepus</i> (Say)	GnS, 4-V-95, F.F. Purrington (report to Park)
<i>Stenomorphus californicus rufipes</i> LeConte	North Rosillos Mts. Preserve, 07-29-87, UV lite, D.Heffern, det: Downie '87
<i>Thalpius dorsalis</i> (Brulle)	RGV, 29-IV-94, F.F. Purrington (report to Park)
GYRINIDAE	
<i>Dineutus</i> sp.	[= <i>Dineutes</i>] Panther Jct., 08-15-63, D.Smith
<i>Dineutus sublineatus</i> Chevrolat	[= <i>Dineutes</i>] North RM Preserve, 07-28-87, DH, det: Downie '87; CF, 6-25, RSA; LCC, 06-19-37, and CB, 07-11-37, and UCC, 08-03-37, all RHB (RHB, 1938); CF, 4040', IV-23-2004, UV, EGR, det EGR, 2005 SEC, 24.IV.1953, B.J.Adelson; Rio Grande Camp, UV light, 25.VIII.1971, D.P. Levin; Boquillas Camp, 6.VIII.1963, J. Doyen (Babin & Alarie, 2004)
<i>Gyretes sinuatus</i> LeConte	Cattail Falls, 6-25, R.Anderson
<i>Gyrinus plicifer</i> LeConte	
HALIPLIDAE	
<i>Halipus lewisii</i> Crotch or <i>H. minor</i> Zimmerman	Rio Grande Village (Lind, OT & CA Bane, 1975)
<i>Peltodytes dispersus</i> Roberts	Estrecho Spr, Emory Pk + Holly Spr., Glenn Spr + Yum Spr., Glenn Spr + Bud Spr., Panther Junction; Mar Apr (Bowles, 2000)
NOTERIDAE	
<i>Pronoterus</i> sp.	Tornillo Creek Rock Pool (Lind, OT & CA Bane, 1975)
DYTISCIDAE	
<i>Agabinus glabrellus</i> (Motschulsky)	Cattail Spr, Basin; Apr, May, (Bowles, 2000)
<i>Agabus lugens</i> LeConte	Boot Springs (Lind, OT & CA Bane, 1975); Oak Creek, 06-12-37, and Rock Hut, 06-17-37, and Lower Cattail Canyon, 06-19-37, RHB (RHB, 1938)
<i>Agabus seriatus</i> (Say)	[= <i>Gaurodytes intersectus</i> Crotch] Boot Springs (Lind, OT & CA Bane, 1975)
<i>Copelatus caelatipennis</i> Aube	Upper PC, 2 Aug 2000, UV light, A. Tishechkin
<i>Copelatus chevrolati australis</i> Aube	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, D.Heffern, det: Downie '87; North Rosillos Mts. Preserve, 07-28-87, UV lite, D.Heffern
<i>Copelatus chevrolati renovatus</i> Guignot	K-Bar, UV lite, 7-9,6-29, R.Anderson; Cottonwood Cpgd., 7-12, 7-13, R.Anderson
<i>Copelatus distinctus</i> Aube	Maple Canyon, UV lite, 7-10, R.Anderson
<i>Desmopachria dispersa</i> (Crotch)	Rio Grande Village, pond outlet, 01-03-70, M.Sanderson (BBNP file)
<i>Desmopachria portmanni</i> (Clark)	Maple Canyon, 6-30 to 7-9, R.Anderson
<i>Dytiscus</i> sp.	Moonshee Spr. + Bone Springs + Melba Spr. + McKinney Springs; Mar, Apr (Bowles, 2000)
<i>Eretes occidentalis</i> (Erichson)	Croton Spr., 30 July 2000, MV/UV light, C. Carlton & A. Tishechkin; at tank 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938)
<i>Hydaticus</i> sp.	BBNP File list, WRS
<i>Hydroporus</i> sp.	Tornillo Creek, at mouth, 01-03-70, M.Sanderson (BBNP file)
<i>Hygrotus</i> sp.	K-Bar Cpgd., UV lite, 6-29, R. Anderson

<i>Ilybius sp.</i>	BBNP File list, WRS
<i>Laccophilus fasciatus</i> Aube	Boot Springs (Lind, OT & CA Bane, 1975)
<i>Laccophilus fasciatus</i> <i>terminalis</i> Sharp	[= <i>L. terminalis</i> Sharp] ET, 03-25-71; RGV, pond outlet, 01-03-70, M.Sanderson (BBNP file); Mouth of TeC, 01-04-70, MS (file); GnS, in water, 01-04-70, MS (file); ar Cpgd., UV lite, 6-29, RSA; CF, 6-25, RSA; CM, 07-03-42, HAS + 10-12-08, Mitchell & Cushman; Boquillas, 07-07-48, C&P Vaurie; Chisos Jct., 7 mi. W., 08-03-61, JR Zimmerman (Zimmerman, 1970)
<i>Laccophilus horni</i> Van den Branden	Cattail Falls, 6-25, R.Anderson
<i>Laccophilus maculosus</i> <i>shermani</i> Leech	Marathon, 4 mi. S., B Malkin (Zimmerman, 1970)
<i>Laccophilus mexicanus</i> <i>mexicanus</i> Aube	Boquillas, 08-02-61, JR Zimmerman; Marathon, 10 mi. S., 08-01-61, JR Zimmerman (Zimmerman, 1970)
<i>Laccophilus pictus</i> <i>coccinelloides</i> Regimbart	Ernst Tinaja, Boot Spring (Lind, OT & CA Bane, 1975); CM, 07-03-42, HA Scullen (Zimmerman, 1970)
<i>Laccophilus pictus</i> <i>insignis</i> (Sharp)	Tornillo Creek Rock Pool, Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Laccophilus pictus</i> Laporte	Fresno Spr., 06-21-37 and Chisos Pen, 06-14-37, RHB (RHB,1938)
<i>Laccophilus proximus</i> Say	CB, 08-03-63, MLA, det DP Wooldridge (TAM)
<i>Laccophilus</i> <i>quadrilineatus</i> Horn	Ernst Tinaja, 03-25-71; MRATHON, 22 mi. S., 09-03-60, LA Stange; Boquillas, 08-02-61, JR Zimmerman (Zimmerman, 1970)
<i>Laccophilus vacaensis</i> <i>chihuahuae</i> Zimmerman	Boquillas, 07-07-48, C&P Vaurie (Zimmerman, 1970)
<i>Neoclypeodytes sp.</i>	[= <i>Bidessus</i>] Cattail Falls, 6-25, RSA
<i>Neoclypeodytes</i> <i>cinctulus</i> LeConte	[= <i>Bidessus</i>] Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Neoclypeodytes discretus</i> (Sharp)	[= <i>Bidessus</i>] Tornillo Creek (Lind, OT & CA Bane, 1975)
<i>Oreodytes sp.</i>	Melody Spr A-C, McKinney Springs; May (Bowles, 2000)
<i>Rhantus sp. nr. binotatus</i> (Harris)	CB, 06-13-37 & 07-11-37, RHB (RHB, 1938)
<i>Rhantus atricolor</i> (Aube)	Oak Canyon-Window Trail, 6-24; Cattail Falls, 6-25, R.Anderson; Boot Springs (Lind, OT & CA Bane, 1975); UCC, 08-03-37, and Rock Hut, 06-17-37, and CB, 07-11-37, and Upper Blue Creek at tank, 06-12-37, RHB (RHB, 1938)
<i>Rhantus binotatus</i> (Harris)	[= <i>Colymbetes maculicollis</i> Aube] Cattail Falls, Boot Springs, Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Rhantus gutticollis</i> (Say)	Maple Canyon, 7-9; Oak Canyon-Window Trail, 6-24; Cattail Falls, 6-25, R.Anderson
<i>Stictotarsus</i> <i>aequinoctialis</i> (Clark)	Oak Canyon-Window Trail, 6-24, RSA; Cattail Falls, 6-25, RSA
<i>Stictotarsus eximius</i> (Motschulsky)	[= <i>Hydroporus addendus</i> Crotch] BC, 09-06-52, B.Malkin
<i>Stictotarsus roffi</i> <i>nebulosus</i> Sharp	Tornillo Creek (Lind, OT & CA Bane, 1975)
<i>Stictotarsus roffi</i> (Clark)	Tornillo Cr. at Hot Springs, 2 April 1985, C. Barr
<i>Stictotarsus striatellus</i> (LeConte)	Boot Cyn., 4 April 1985, C. Barr
<i>Stictotarsus titulus</i> (Leech)	[HOLOTYPE] "Greem Valley" (Leech, 1948)

<i>Thermonetus nigrofasciatus</i> (Aube)	[= <i>Thermonectus</i>] Cattail Falls, Ernst Tinaja, (Lind, OT & CA Bane, 1975); at tank 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938) [misident. as <i>T. ornatocollis nigrofasciatus</i> (Aube)][may be <i>T. nigrofasciatus ornatocollis</i>]
<i>Thermonetus</i> sp.	[= <i>Thermonectus</i>] Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Thermonetus m. marmoratus</i> (Hope)	[= <i>Thermonectus</i>] CF, 6-25, RSA; Cattail Canyon Pool, 09-14-52, C.Fager; Chisos Pen, 06-14-37, and Lower Cattail Canyon, 06-14-37, and CB, 07-15-37, and UCC, 08-03-37, "rather abundant in the water holes in ... CM", RHB (RHB, 1938)
<i>Thermonetus nigrofasciatus ornatocollis</i> (Aube)	[= <i>Thermonectus</i>] Bone Spring Draw, 07-14-68, MLA, det. DP Wooldridge (TAM)
HYDROPHILIDAE	
<i>Berosus</i> sp.	Tornillo Creek Rock Pool (Lind, OT & CA Bane, 1975)
<i>Berosus infuscatus</i> LeConte	at tank 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938)
<i>Berosus miles</i> LeConte	Wild Duck Tinaja, Tule Mtn.; May (Bowles, 2000)
<i>Berosus moerens</i> Sharp	Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Berosus punctatissimus</i> LeConte	[= <i>B. hoplites</i> Sharp] Ernst Tinaja, Boot Springs (Lind, OT & CA Bane, 1975)
<i>Berosus rugulosus</i> Horn	Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Berosus striatus</i> (Say)	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, D.Heffern, det: Downie '87
<i>Berosus styliferus</i> Horn	Tornillo Creek Rock Pool, Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Berosus, near infuscatus</i> LeConte	Glenn Springs, 01-04-70, M.Sanderson, (BBNP file)
<i>Cercyon quisquilius</i> (Linnaeus)	BBNP (Smetana, 1978)
<i>Cercyon variegates</i> Sharp	"Brewster County, Green Valley", HA Wenzel (Smetana, 1978)
<i>Cymbiodyta beckeri</i> Smetana	[HOLOTYPE] (CNCI) SEC, 2200', at light, 05-04-59, HFH/ECB; CM, 07-16-21, CD Duncan (Smetana, 1974)
<i>Cymbiodyta fratercula</i> (Sharp)	Boot Springs (Lind, OT & CA Bane, 1975. Boot Sprs., 7000', 05-18-59, HFH/ECB; PC, 5000-6000', 05-10-59, WRMM; Pulliam Canyon, 4500-6000', 05-12-59, WRMM; CM, 06/10-12/08, Mitchell & Cushman + 07-16-21, CD Duncan (Smetana, 1974)
<i>Enochrus</i> sp.	Ernst Tinaja, 03-25-71; Tornillo Creek (Lind, OT & CA Bane, 1975)
<i>Enochrus pygmaeus pectoralis</i> (LeConte)	BC, 09-06-52, B.Malkin; CM, 06-26-61, BM; Tornillo Creek, Ernst Tinaja, RGV (Lind, OT & CA Bane, 1975)
<i>Helophorus</i> sp.	Rio Grande Village, pond outlet, 01-03-70, M.Sanderson (BBNP file)
<i>Hydrochus</i> sp.	Tornillo Creek (Lind, OT & CA Bane, 1975)
<i>Hydrophilus triangularis</i> Say	[listed as <i>Hydrous</i>] Boquillas, 08-04-37, RHB, (RHB, 1938)
<i>Laccobius mexicanus</i> (d'Orchymont)	[? <i>Tropisternus</i>] Tornillo Creek Rock Pool, Ernst Tinaja (Lind, OT & CA Bane, 1975)
<i>Paracymus, near ellipsis</i> (Fall)	Rio Grande Village, pond outlet, 01-03-70, M.Sanderson (BBNP file)
<i>Pelosoma praecursor</i> Smetana	[HOLOTYPE] (CASC, Smetana Coll.) PJ, 4000', Apr 29-30/59, at light, HFH/ECB (Smetana, 1978)
<i>Tropisternus</i> sp.	Tornillo Creek Rock Pool, Tornillo Creek (Lind, OT & CA Bane, 1975)

<i>Tropisternus columbianus</i> Brown	Mouth of Terlingua Creek, 01-04-70, M.Sanderson (BBNP file)
<i>Tropisternus ellipticus</i> (LeConte)	CM, July, Wenzel; Ernst Tinaja Lind, OT & CA Bane, 1975)
<i>Tropisternus lateralis nimbatus</i> (Say)	Juniper Canyon, 08-04-37, R.Hartelius; BC, 09-6-52, B.Malkin; Ernst Tinaja (Lind, OT & CA Bane, 1975); Cattail Falls, 6-25, R.Anderson; Rio Grande Village, outlet from pond, 01-03-70, M.Sanderson (BBNP file)

HISTERIDAE

<i>Anapleus</i> sp.	01-VIII-2000 +31-VIII-2000 +Window Trail, 01-VIII-2000, Carlton & Tishechkin (Carlton & Tishechkin, 2000)
<i>Geomysaprinus</i> sp.	1-6-VIII-2000, Carlton & Tishechkin (Carlton & Tishechkin, 2000)
<i>Hister abbreviatus</i> Fabricius	BBNP (Caterino, 1999b)
<i>Hister comes</i> Lewis	BBNP, 4000 ft., April, 1959; BBNP, 5000 ft., May 1959; BBNP, 7500 ft., May 1959; Persimmon Gap, May 1959, Carlton & Tishechkin (all specimens in Canadian National Insect Collection, Ottawa) (Caterino, 1999a)
<i>Hister lucanus</i> Horn	BBNP, HS, 1900 feet, VII-19-1973, Peter Kovarik Collection (Caterino, 2002)
<i>Hister militaris</i> Horn	Boquillas Cyn, WE & CA Triplehorn, 31-V-1973, Carlton & Tishechkin, in A. Tishechkin Coll. (Carlton & Tishechkin, 2000)
<i>Onthophilus kirni</i> Ross	31-VII-2000, Carlton & Tishechkin (Carlton & Tishechkin, 2000)
<i>Saprinus alienus</i> LeConte	Study Butte, 25 May 1991, on dead raccoon, MS Strother, LSAM
<i>Spilodiscus ulkei</i> (Horn)	vic. Alpine (FMNH, NMNH) (Caterino, 1998). Prob. occurs near Park
<i>Xerosaprinus</i> sp. 1	Cottonwood Cmgr., 25-27 May 1991, dead snake baited pitfall, MS Strother, LSAM
<i>Xerosaprinus</i> sp. 2	Croton Spring, July 31 to Aug 6, 2000, Carlton & Tishschkin (Carlton & Tishechkin, 2000); Cottonwood Cmgr., 25-27 May 1991, dead snake baited pitfall, MS Strother, LSAM; Study Butte, 25 May 1991, on dead raccoon, MS Strother, LSAM
<i>Xerosaprinus</i> sp. 3	Croton Spring, July 31 to Aug 6, 2000, Carlton & Tishschkin (Carlton & Tishechkin, 2000); CwC, 25-27 May, 1991, dead snake pitfall, MS Strother, LSAM; Study Butte, 25 May 1991, on dead raccoon, MS Strother, LSAM
<i>Xerosaprinus coerulescens</i> (LeConte)	Croton Spring, July 31 to Aug 6, 2000, Carlton & Tishechkin (Carlton & Tishechkin, 2000); Cottonwood Cmgr., 25-27 May 1991, dead snake baited pitfall, MS Strother, LSAM

HYDRAENIDAE

<i>Ochthebius</i> sp.	Ernst Tinaja, Boquillas Beaver Marsh Pool 1 (Lind, OT & CA Bane, 1975)
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PTILIIDAE

<i>Nossidium</i> sp. 1	Cb, 5500', VII-21-2004, EGR, det EGR, 2005
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LEIODIDAE

[= Leptodiridae]

<i>Dissochaetus arizonensis</i> Hatch	Emory Peak, Bat Cave, 7400', 07-18-72, CA Triplehorn
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SCYDMAENIDAE

<i>Euconnus</i> sp.	low elevations, Berlese sample, W.Suter (BBNP Res. Report, 1984)
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SILPHIDAE

<i>Necrodes surinamensis</i> (Fabricius)	SEC, R.Anderson (BBNP file)
<i>Nicrophorus mexicanus</i> Matthews	Boot Spring, R.Anderson (BBNP file)
<i>Thanatophilus truncates</i> (Say)	[= <i>Silpha</i>] GG, Emory Peak, Boot Spring, RSA (BBNP file); CM, 07-03-36, J Knoll, Mt. Emory, Bat Cave, 07-18-72, CA Triplehorn, and 06-31 (TAM) [incorporates Pselaphidae & Scaphidiidae]
STAPHYLINIDAE	
<i>Acylophorus gilensis</i> LeConte	CM, Jul 19, JW Green (Smetana, 1971)
<i>Apocellus</i> sp.	6.4 km W. Alpine, 11 Aug 1979, Franke, Merickel, Moody, in nest of <i>Solenopsis xyloni</i> McCook (Neece, 1980)
<i>Baeocera</i> sp.	Colima Trail, 2179 m, berlese, 09-07-88, RSA, det. Carlton '89 (TAM)
<i>Creophilus maxillosus</i> (Linnaeus)	Emory Peak, Bat Cave, 07-18-72, CA Triplehorn
<i>Dinardilla mexicana</i> Mann	CB, in nests of <i>Liometopum apiculatum</i> Mayr (Danoff-Burg, 2002)
<i>Neobisnius jucundus</i> (Horn)	CB, 08-03-63, MLA (TAM)
<i>Neobisnius occidentalis</i> Frank	Panther Jct., 04/29-30/59, 4000', at light, Becker/Howden; CB, 08-03-63, MLA (Frank, 1981)
<i>Pinophilus parvus</i> LeConte	SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Pselaptus belfragei</i> LeConte	Lajitas Ford, 07-19-85, 2320', blacklite, A.Brigham
<i>Reichenbachia</i> sp.	In forest litter, W.Suter (BBNP 1984 Res. Summary)
<i>Reichenbachia tumida</i> (LeConte)	[= <i>R. pattersoni</i> Park] Lajitas Ford, 07-19-85, 2320', A.Brigham
<i>Sceptobius</i> sp.	CB Pass, 28 Jul 1978, Francke, Hall, Moody in nest of <i>Liometopum apiculatum</i> Mayr (Neece, 1980)
<i>Sceptobius dispar</i> Sharp	CB, in nests of <i>Liometopum apiculatum</i> Mayr (Danoff-Burg, 2002)
<i>Simplona arizonica</i> Casey	Cattail Falls, 1310m, 09-06-88, Berlese, det. Carlton '89 (TAM)
<i>Stenus alacer</i> Casey	Rio Grande Village, pond outlet, 01-03-70, M.Sanderson (BBNP file)
<i>Tachyporus jocosus</i> Say	BBNP, prob. (Campbell, 1979)
<i>Tachyporus nitidulus</i> (Fabricius)	"Big Bend region of Texas" (Campbell, 1979)
<i>Trichophya texana</i> Ashe & Newton	[HOLOTYPE] (SEMC) Boot Cyn. & Emory Peak Trail, 7-IX-88, 2070m, hardwood litter, RSA; [PARATYPES] (SEMC & FMNH) same data as holotypes + Boot Spr., 2143m, berlese, hardwood litter, 7-IX-88, RSA + CF, 1310m, berlese, hardwood litter, 6-IX-88, RSA + Colima Trail, 2179m, berlese, hardwood litter, RSA + CM, 19-VII, Green (Ashe & Newton, 1993)
<i>Trimioarcus musamator</i> Chandler	Emory Peak Trail, 01-VIII-2000 + GG, 31-VIII-2000 + Cattail Falls, 06-VIII-2000 + Window Trail, 01-VIII-2000 (all Carlton & Tishechkin, 2000)
TROGIDAE	
<i>Omorgus carinatus</i> (Loomis)	PJ; Boquillas Ranger Sta.; Oak Spring: all May 1959 (Howden, H. 1960a)
<i>Omorgus inflatus</i> (Loomis)	PJ, 04-21-61, HJB, det: C.Baker '64; BH, 2130', IV-22-25-2004, UV + SEC, 2200', IV-23-2004, EGR, det EGR, 2005
<i>Omorgus punctatus</i> (Germar)	131-2, 09-05-37; 103-1, 09-05-37; 103-2, 09-08-37, all coll. by RHB, det: C.Baker '64

<i>Omorgus suberosus</i> (Fabricius)	BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Trox spinulosus dentibus</i> Robinson	42-24, 07-11-37, RH Baker, det: C Baker '64; GG, 4900', VIII-21-2003, UV + LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
GLARESIDAE	
<i>Glaresis phoenicis</i> Fall	BBNP (Gordon, 1970) (Riley & Wolfe, 2003)
GEOTRUPIDAE	
<i>Bolbocerastes serratus</i> (LeConte)	Grapevine Hills Cpgd., 07-11-82, UV lite, RS Anderson
<i>Bolbocerosoma</i> <i>elongatum</i> Howden	[HOLOTYPE, male #8075] (CASC) CM (Howden, 1955) (Riley & Wolfe, 2003)
<i>Bolborhombus angulus</i> (Robinson)	[= <i>Bolbocerus</i>] [HOLOTYPE, male] (NMNH) Dog Canyon, M. Robinson (Robinson, 1947); GnS, Boquillas, July 7-29, O. Cartwright; TF, PJ, May 1959 (Howden, 1960a); K-Bar Cpgd., 06-29-82, Grapevine Hills Cpgd., 06-27-82, both UV light, RSA
OCHODAEIDAE	
<i>Ochodaeus ulkei</i> Horn	North RM Preserve, 07-28-87, UV light, DH, det: W. Warner '87; RM, BuS, 07-30-87, UV light, DH
<i>Parochodaeus biarmatus</i> (LeConte)	PJ, 05-12-59, 4000', HFH, det: Howden '62; 53-9, 07-18-37, RHB, det: O. Cartwright '38; GG, 08-16-68, JEH (2)(TAM)
<i>Parochodaeus howdeni</i> (Carlson)	[PARATYPE] (CNCI) GG, 08-03-68, JEH (TAMU) + BBNP, 10 June 1948, LJB (CNCI) + CB, 13 August 1950, RF Smith (AMNH) + CB, 16-17 July 1973, FT Hovore (DCCC) + CM, 4-6 July 1961, RLW (RLWE) + DW, 27 August 1965, AB (AR Hardy Coll.) + JC, 13 July 1928, FMG (HAHC) + CM, 17 July 1946, DJ&JN Knull (OSUC) (Carlson, 1975 (Holotype and Allotype from Mexico)
<i>Parochodaeus ritchei</i> (Carlson)	[=Ochodaeus] [HOLOTYPE, male] (CNCI, #13,468) PJ, 4000 ft., 12 May 1959, HFH/ECB; [ALLOTYPE, female] same data as holotype; [PARATYPES] PJ, 4000 ft., 12 May 1959, HFH/ECB (CNCI) + TF, 3200 ft., 5 May 1949, HFH/ECB (CNCI) + OS, 25 Aug 1965, AB (LACM) + CB, 16-17 July 1973, FT Hovore (Carlson, 1975)
HYBOSORIDAE	
<i>Hybosorus illigeri</i> Reiche	SEC, 2200', IV-23-2004, UV, EGR, det. EGR, 2005
SCARABAEIDAE	
<i>Acoma brunnea</i> Casey	BH, 2130', IV-22-25-2004, UV + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
<i>Aphodius larreae</i> Horn	CwC, 2100', VIII-1-2003, UV, EGR, det EGR, 2005
<i>Aphodius lividus</i> (Olivier)	143, 07-23-37, RHB, det: O. Cartwright '38; North RM Preserve, 07-27-87, UV light, D. Heffern, det: W. Warner '87; BH, 2100', IV-22-25-2004, UV + RGO, 1960', IV-25-2004, UV + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Aphonides dunnianus</i> (Rivers)	Boquillas Ranger Sta., May 1959 (Howden, H., 1960a)
<i>Ataenius</i> sp.	North Rosillos Mts. Preserve, 07-28-87, UV light, D. Heffern, det: W. Warner '88
<i>Ataenius barberi</i> Cartwright	CM, July, Cartwright
<i>Ataenius cognatus</i> (LeConte)	147, 08-25-37, RHB, det: O. Cartwright '38; Rosillos Mts., BuS, 07-30-87, UV light, DH, det: W. Warner '88
<i>Ataenius desertus</i> Horn	North RM Preserve, 07-28-87, UV light, DH, det: W. Warner '88; CwC, 2100', VIII-1-2003, UV + RGO, 1860', IV-25-2004, UV + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Ataenius figurator</i> Harold	CS, 3400', VI-19-2003, EGR, det EGR, 2005

<i>Ataenius hesperius</i> Cartwright	RM, Buttrill Spring, 07-30-87, UV light, DH, det: W.Warner '88
<i>Ataenius hirsutus</i> Horn	SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Ataenius inquisitus</i> Horn	CB, 5500-5600', VII-21-2002 & VI-21-2004,, both UV + LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
<i>Ataenius nocturnus</i> (Nomura)	SEC, 2200', IV-23-2004, UV, EGR, det EGR, 2005
<i>Ataenius puncticollis</i> (LeConte)	GG, 4900', VIII-2-2003, UV, EGR, det EGR + CS, 3400', VIII-3-2003 + SEC, 2200', IV-23-2004, UV + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
<i>Ataenius punctifrons</i> Cartwright	SEC, 2200', IV-23-2004, UV + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
<i>Ataenius rugopygus</i> Cartwright	North RM Preserve, 07-28-87, UV light, DH, det: W.Warner '87
<i>Benedictia pilosa</i> Sanderson	[PARATYPE] (CUCC) Big Bend Park, 9-5-37, RHB (Sanderson, 1939); 2 mi. W CA, 05-21-59, in mesquite stand (Howden, 1960)
<i>Canthon imitator</i> Brown	2-5, 06-10-37, RH Baker, det: Howden '57; Oak Canyon, 07-15-72, A. Van Pelt; WT, 4480-4920', VII-19-2002, EG&CMR, det EGR, 2005
<i>Canthon mixtus</i> Robinson	[=Boreocanthon] Rosillos Mts., Buttrill Spr., 13.VII.1991, R.O. Vogtsberger, yellow pan trap; also listed by Riley & Wolfe, (2003)
<i>Canthon pilularius</i> (Linnaeus)	[=Scarabaeus laevis Drury] 2-6, 06-10-37, RH Baker, det: OL Cartwright '38; [prob. mis-ID for <i>Canthon imitator</i> Brown – re E.G. Riley]
<i>Chlorixanthe chapini</i> Cartwright	[HOLOTYPE] [ALLOTYPE] [PARATYPES] (all NMNH) BBNP, June 17, 1937, RHB (Cartwright, 1939); CM, 4000' to 6400', on <i>Opuntia</i> and sotol: PJ, & GG (Howden, 1960a); PC, 5000-6000', 05-10-59, WRMM, det: H.Howden '62; PP, 1959, HFH
<i>Chlorixanthe propinqua</i> (Gory & Percheron)	CF, 4040', IV-23-2004, ex yellow <i>Opuntia</i> flower, EGR, det EGR, 2005
<i>Chrysina gloriosa</i> (LeConte)	[=Plusiotis] CB (Gaumer, G., 1973); 97-11, 06-10-37, RHB, det: OL Cartwright '38; 37-1, 07-07-37, RHB; CB, 5400', May, 1959 (Howden, H., 1960a); Maple Canyon, 07-10-82, 5200' UV light, RSA; CB, 5500', VII-18-2002, at light, EG&CMR, det EGR, 2005
<i>Chrysina woodi</i> (Horn)	[Plusiotis]99-11, 06-17-37, RH Baker, det: OL Cartwright '38
<i>Cotinus mutabilis</i> (Gory & Percheron)	[= <i>C. texana</i> Casey] 42-24, 07-11-37, RHB, det: OL Cartwright '38; 97-8, 07-10-37, RHB; 28-24, 06-29-37, RHB; Panther Jct., 08-07-63, A.Allen; PJ, 8-73, E.Krausman
<i>Cremastocheilus spinifer spinifer</i> Horn	Aug 2000, guest in nest of <i>Aphaenogaster cockerelli</i> (WH Clark, BBNP IAR, 2003)
<i>Cremastocheilus stathamae</i> Cazier	[prob. mis-ID, found only in AZ] Burro Mesa Pourouff, 9 Aug 1979, Francke, Merickel, Moody in nest of <i>Aphaenogaster cockerelli</i> Andre
<i>Cyclocephala borealis</i> Arrow	Rosillos Mts., BuS, 07-30-87, UV light, D.Heffern, det: W.Warner '87; North RM Preserve, 07-28-87, UV light, DH
<i>Cyclocephala hirta</i> LeConte	North RM Preserve, 07-27-87, UV light, DH, det: W.Warner '87; BH, 2130', IV-22-25-2004, UV + RGO, 1960', VI-20-2004, UV, EGR, det EGR, 2005
<i>Cyclocephala melanocephala</i> (Fabricius)	Rosillos Mts., BuS, 07-30-87, UV light, DH, det: W. Warner '87; CS, 3400', VIII-2003 + BH, 2130', IV-22-25-2004, UV + SEC, 2000', VI-19-2004, EGR, det EGR, 2005
<i>Cyclocephala pasadenae</i> (Casey)	LMThead, 5750', v-21-2004, UV + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Diplotaxis belfragei</i> complex	Rosillos Mts., Buttrill Spring, 07-30-87, UV light, D.Heffern, det: W.Warner '87
<i>Diplotaxis belfragei</i> Fall	BBNP, 9-18, 06-14-37, RH B, det: O.Cartwright '38; GG, 5700', 08-14-68, JEH (TAM); GG, 4900', VIII-2-2003, UV, EGR, det EGR, 2003
<i>Diplotaxis brevicollis</i> LeConte	37-3, 07-07-37, RH Baker, det: O.Cartwright '38
<i>Diplotaxis brevicornis</i> Cazier	Grapevine Hills, 06-27-82; K-Bar, 06-29-82; Paint Gap, 06-28-82; all UV light, RSA (BBNP file). Rosillos Mts., BuS 07-30-87, UV light, D.Heffern, det: W.Warner '87

<i>Diplotaxis carbonata</i> LeConte	Cottonwood Cpgd., 07-13-82, UV light, RS Anderson
<i>Diplotaxis dentella</i> Fall	94-13, 08-25-37, RH Baker
<i>Diplotaxis frondicola</i> (Say)	9-17, 06-14-37, RH Baker, det: O.Cartwright '38
<i>Diplotaxis maura</i> Fall	Paint Gap Hills, 06-28-82, UV light, RS Anderson
<i>Diplotaxis mentalis</i> Fall	Maple Canyon, 07-10-82, RSA; GG, 4900', VIII-2-2003, UV, EGR, det EGR, 2003
<i>Diplotaxis muricata</i> Schaeffer	North Rosillos Mts. Preserve, 07-28-87, UV light, D.Heffern, det: W.Warner '87
<i>Diplotaxis puncticeps</i> Moser	Paint Gap Hills, 06-28-82, UV light, RS Anderson
<i>Diplotaxis rufiola</i> Fall	Maple Canyon, 07-10-82, UV light, RSA; GG, 4900', VIII-2-2003, UV, EGR, det EGR, 2003
<i>Diplotaxis subangulata</i> LeConte	94--8, 08-25-37, RH Baker, det: O.Cartwright '38; 9-21, 06-14-37, RHB; Grapevine Hills, 06-27-82, UV light, RSA; K-Bar Cpgd., 06-29-82, UV light, RSA
<i>Diplotaxis sulcatula</i> Fall	Cottonwood Cpgd., 07-13-82, UV light, RS Anderson
<i>Diplotaxis truncatula</i> LeConte	9-20, 06-14-37, RHB, det: O.Cartwright '38; Grapevine Hills, 06-27-82, UV light, RSA; K-Bar Cpgd., 06-29-82, UV light, RSA
<i>Diplotaxis, near truncatula</i> LeConte	Paint Gap Hills, 06-28-82, UV light, RSA; GG, 4900', VIII-2-2003, UV, EGR
<i>Euphoria fulgida fuscocyanea</i> Casey	[= <i>E. fuscocyanea</i> Casey, det. OL Cartwright '38] 42-23, 07-11-37, RHB; Upper GG, 06-01-83, W.Suter; PP, 5450', VI-19-22-2004, Lindgren funnel, EGR, 2005
<i>Euphoria kerni</i> Haldeman	CB, on <i>Opuntia</i> , 05-24-59, H.Howden, det: Howden '62; 2-1, 06-10-37, RHB, det: OL Cartwright; PJ, 05-29-61, H.Brodrick
<i>Euphoria schotti</i> LeConte	BBNP (Riley & Wolfe, 2003)
<i>Neopsammodius quinqueplicatus</i> (Horn)	[= <i>Psammodius quinqueplicatus</i>] Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Onthophagus gazella</i> (Fabricius)	[African dung beetle] North Rosillos Mts. Preserve, 07-29-87, UV light, D.Heffern, det: W.Warner '87
<i>Onthophagus velutinus</i> Horn	PJ, Oak Spring, Boquillas Ranger Sta., May 1959, H.Howden; in nest of pack rat, <i>Neotoma albigula</i> Hartley, near Panther Jct., 05-12-59, Bottimer (Howden, H., 1960a)
<i>Orizabus clunalis</i> (LeConte)	LMThead, 5750', VII-18-2002, UV + CB, 5500', VII-18-2002, EG&CMR, det EGR, 2005
<i>Oxygryllus ruginasus</i> (LeConte)	PJ, 4000', 05-08-59, HFH, det: HFH; 122-4, 76-19, 08-16-37, RHB, det: Cartwright '62; North RM Preserve, 07-29-87, UV light DH, det: W.Warner '87; Rosillos Mts., BuS, 07-30-87, UV light, DH; SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga arenicola</i> Howden	[HOLOTYPE, male] (CNCI # 7079) Boquillas, Mex. 23 May 1959, at light, HFH/ECB; [ALLOTYPE, female] (CNCI) same data as holotype; [PARATYPES] (CNCI, INHS, NMNH, LJ Bottimer Coll., Kerrville, Texas) Boquillas Cyn., 25-May-1959, at light, HFH/ECB + 3 mi. W. CA, at light, 14-May-1959, HFH/ECB (Howden, 1960a); BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga bottimeri</i> Reinhard	[HOLOTYPE] (CNCI) CB, 5400', 10-VI-1948, on <i>Q. grisea</i> , 29-V-1959, HJ Reinhard (Reinhard, 1950a) (Howden, 1960a)
<i>Phyllophaga chapini</i> Saylor	CM, 07/09-12/48, 5460', pinon, juniper-oak association, at light, F. Werner & F. Nutting (Reinhard, 1950b)
<i>Phyllophaga cushmani</i> Saylor	[HOLOTYPE] (NMNH #53772) CM, 06-10-08, Cushman & Mitchell (TAM) (Saylor, 1940); North Rosillos Mts. Preserve, 07-28-87, UV light, DH, det: W.Warner '87 + Rosillos Mts., BuS, 07-30-87, UV light, DH; CS, 3400', VIII-3-2003 + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga epigoea</i> (Wickham)	Marathon, 65 mi. S., 07-10-38, on ground, daytime, creosote bush flats, RH Beamer (TAM)

<i>Phyllophaga gaigei</i> Sanderson	[HOLOTYPE, male] (UMMZ) JC, Upper Juniper Spring, 5000', 07-15-28, F.Gaige [ALLOTYPE, female] (MCZC) same locality and date (Sanderson, 1948); CB, 5600', VI-21-2004, UV + LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga idonea</i> Sanderson	[HOLOTYPE] (UMMZ) JC, Upper Juniper Springs, 5000', 07-05-28, at light, "oak-pine-cedar forest", FM Gaige [ALLOTYPE, female] (MCZC) same data as holotype (Sanderson, 1948) (TAM); [PARATYPES] same data as holotype, July, 1928; LMT, 6000', May 1959 (Howden, 1960a)
<i>Phyllophaga ignava</i> (Horn)	Rosillos Mts., BuS, 07-29-87, UV light, DH, det: W.Warner; GG, 07-02-78, RH Turnbow (TAM); feeds on <i>Karwinskia</i> (MW Sanderson, BBNP letter, 1970); CB, 5600', VI-21-2004, UV + LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga mucorea</i> (LeConte)	BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga planeta</i> Reinhard	GG, 5000-5500', 26.V.1959, on <i>Pinus cembroides</i> (Howden, 1960a) (Moron, 2003); LMThead, 5750', VII-18-2002, UV, EG&CMR, det EGR, 2005
<i>Phyllophaga psiloptera</i> Sanderson	[HOLOTYPE, male] (FMNH) [PARATYPE, male] both Blue Creek, 6000', 07-27-37, B. Hartelius (Sanderson, 1939)
<i>Phyllophaga pusillidens</i> Fall	[= <i>P. microdon</i> Fall] [HOLOTYPE] (MCZC & Fall Coll.) "Hackberry Creek, Boquillas Road, 2 Sept 1912, (Fall, 1029); Oak Spring, 4000', 08-V-1959, feeding on <i>Lepidium lasiocarpum</i> Nutt. and <i>Mentzelia oligosperma</i> Nutt. in evening + PJ, 08-V-1959, at black light + Boquillas Ranger Sta., 28-V-1959, HFH (all Howden, 1960a); RGV, 03-VII-1978, at light, RH Turnbow (TAM); Lajitas, 18-IX-1985, SJ Hanselmann (TAM); TF, 14-VII-1968, JEH (TAM)
<i>Phyllophaga rolstoni</i> Riley & Wolfe	[PARATYPE] Big Bend State Park area; NR (Riley & Wolfe, 1997)
<i>Phyllophaga rubiginosa</i> (LeConte)	CB, 5600', VI-21-2004, UV, EGR, det EGR, 2005
<i>Phyllophaga scuticeps</i> (Bates)	SEC, 2000', VI-19-2002, UV, EGR, det EGR, 2005
<i>Phyllophaga wickhami</i> Saylor	CA, 06-01-28, FFB (TAM); RGV, 06-14-73, JS Ashe (TAM); BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Podolasia pilosa</i> Howden	Boquillas, 05-28-59, light, HHH, det: Howden
<i>Podolasia stillwellorum</i> Howden	[HOLOTYPE, male] (CMNC) Stillwell RV Park on Hwy. 2627, 04, 05-VI-1994, UV light, EG Riley [PARATYPES] (AMNH, CASC, CDAS, CMNC, CNCI, CSWC, DCCC, DGMC, DWSC, EGRC, ELSC, HAHC, JEWC, TAMU, NMNH, WBWC) same data as holotype except 18-V-1995 + same data except, D. Marqua + Boquillas, 13, 17, 23, 25, 28-V-1957, at light, HFH/ECB + Paint Gap Hills, 28-VI-1982, UV light, RSA + near BuS, 13-VII-1991, at BL and MV lights, R. Vogtsberger (all Howden, 1997); BH, 2130', IV-22-25-2004, UV + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2004
<i>Podostena bottimeri</i> (Howden)	[= <i>Podolasia</i>] [HOLOTYPE, male] (NMNH) HS, 05-V-1956, LJ Bottimer, at light (Howden, 1997); Boquillas + Cottonwood Cmpg. + 2 mi. W. CA, 2350 ft. + HS, 1900 ft. + Lajitas + Big Bend St. Pk. all collected April, May, June (CASC, CNCI, DCCC, EGRC, ELSC, HAHC, NMNH, WBWC), HFH (Howden, 1997)
<i>Polyphylla</i> sp.	SEC parking lot, 06-03-73, D.Easterla
<i>Serica porcula</i> Casey	CB, on <i>Q. grisea</i> , 5000', May, 1959 (Howden, 1960a); LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
<i>Strategus aloeus</i> (Linnaeus)	Rosillos Mts., BuS, 07-30-87, UV light, DH, det: W.Warner '87; [= <i>S. julianus</i> Burm.] 96-3, 08-27-37, RHB, det: OL Cartwright '38; 96-26, 08-27-37, RHB; PJ, 06-25-73, D.Easterla; BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Tomarus gibbosus</i> (DeGeer)	[= <i>Ligrus</i>] Panther Jct., 4000', 05-12-59, H.Howden, det Howden '62
<i>Xyloryctes jamaicensis</i> (Drury)	[= <i>X. satyrus</i> Fabricius, det. OL Cartwright '38] 94-2, 08-25-37, RHB

RHIPICERIDAE

Sandalus sp. 1

PT upper, 6900', VI-21-2004, EGR, det EGR, 2005

BUPRESTIDAE

Acmaeodera bowditchi
Fall

CB, 07-18-56, HFH, det: Howden '57; CB, 6000', 05-11-59, J. McAlpine, det: Howden '62; GG, 5300', 05-08-59, on *Opuntia*, HFH; CM, 06-19-64, JN Knull

Acmaeodera conoidea
Fall

Lower Blue Creek on cactus, 06-28-37, RHB (RHB, 1938); CM, 04-29-74, GVM, det GVM (2)(TAM); CM, PC, 1-VII-72, RLW, det. Nelson (RLWE) [Mis-ID *A. tubulus* by Manley

Acmaeodera consors
Horn

CM, 06-23-61, R.Beamer

Acmaeodera cribricollis
Horn

[orig. det. *A. larreae*] Chisos Pen on cactus bloom, 06-14-37, RHB (RHB, 1938)

Acmaeodera davidsoni
Barr

BBNP, on *Acacia constricta*, 7/84, Barr/Westcott (BBNP file)

Acmaeodera delectabilis
Waterhouse

[=*A. auritincta* Fall] CM, 07-17-46, DJ Knull, det: Knull '60; Panther Jct., 07-27-58, Burdick; RGV area, 6/30 to 7/2/72, on *Viguiera (stenoloba)*, RL Westcott; 6-9 mi. E Panther Jct., same date, RLW (both BBNP file)

Acmaeodera delumbis
Horn

10 mi. E. panther Junction, 4 to 6/VII/1961, RLW, det. Westcott (RLWE)

Acmaeodera gibbula
LeConte

[some specimens may be *A. delumbis*] BC, 2200', RSA, det. RLW (2)(TAM); CM, July 8, D. Knull, det: Knull '60; PJ, 05-26-63, D. Smith; Boquillas, 07-22-37, and Lower TC on *Acacia constricta*, no date, RHB (RHB, 1938); Persimmon Gap, 22.vi.2003, on flowers, this collection validated by MacRae (pers. corr.) RGV, 06-08-72, WEC (TAM)

Acmaeodera maculifera
Horn

CA, nr. Cottonwood Cpgd., 23-X-2001, TCM (MacRae, BBNP IAR, 2001 & in press)

Acmaeodera miliaris Horn

Pine Canyon, 5000-5700', 6/30 to 7/2/72, RLW (BBNP file): CM, 07-08-55, D Knull, det: Knull '60; Lost Mine Trail, R.Berry, det: Knull; GG, 08-14-69, JEH, det. SGW (TAM); CB, 5400', 07-10-82, RSA, det. RLW (TAM)

Acmaeodera mixta
LeConte

CA, 04-21-73, SGW, det: Wellso; CM, 07-17-46, 06-19-64, JNK; BBNP, on *Haplopappus gracilis*, *Hymenoxys acaulis* var. *arizonica*, *Viguiera stenoloba*, Barr/Westcott + 06-19-68, MLA; CwC, sweeping, 07/12-13/82, RSA (4) (TAM); CB, 07-10-82, RSA (3) (TAM); BC, 2200', 06-23-82, RSA (TAM); OC-WT, 5500', 05-24-83, RSA (TAM) CM, 06-09-39, 07-08-55, 06-30-57, JNK; CM, June 19, H.Wenzel; Laguna on cactus blossoms, 06-12-37, and Solis Ranch, 06-23-37, and Lost Mine Peak, 06-17-37, and CB, 07-15-37 & 07-18-37, and RR, 07-27-37, RHB (RHB, 1938); BBNP, , (22-26, 22-24) 06-23-37 + 07-15-37 + (45-13) 07-15-37 + (18-18) 06-12-37, RHB (TAM)

Acmaeodera neglecta Fall

CA, nr. Cottonwood Cpgd., 23-X-2001, TCM (MacRae, BBNP IAR, 2001 & in press)

Acmaeodera paradisjuncta Knull

PC, 5000-5700', 6/30 to 7/2/72, on *Viguiera*, RLW; CB, same date, RLW (both BBNP file); CM, 07-17-46, J Knull; CM, on *Viguiera stenoloba*, 7/84, Barr/Westcott; LMT, 6000-6850', on *Viguiera*, 07-09-82, RSA, det. RLW (TAM)

Acmaeodera princeps
Kerremann

[= *A. flavigrapunctata* Knull] 6-9 mi. E Panter Jct., 6/30 to 7/2/72, on *Viguiera*, RLW; CM, 07-17-46, D.Knull, det: Knull '60; Oak Canyon-WT, 5400', 06-27-82, RSA, det. RLW (TAM); CB, 07-23-68, JEH, det. GSW (TAM)

Acmaeodera pulchella
complex

[may refer to *A. mixta* LeConte] CB, 6/30 to 7/2/72, on *Viguiera*, RL Westcott (BBNP file); RGV area, 6/30 to 7/2/72, on *Viguiera*, RLW; 6-9 mi. E Panther Jct., same date, on *Viguiera*, RLW; PC, 5000-5700', same date, RLW (all BBNP file); CM, D. Knull, det. Knull '60

Acmaeodera quadrivittatoides
Nelson & Westcott

[orig. det. *A. sp. nr. quadrivittata* Horn by RLW] [HOLOTYPE, female] 3 mi. east PJ, 22-VI-63, on yellow composite, GHN & fam. {PARATYPES} (AMNH, BBNP, BKDC, CASC, DCAE, CISC, CLBC, CNCI, CSUC, DSVC, FMNH, FSQA, GCWC, GHNC, GVMC, HAHC, MCZC, MERC, NMPC, RKVC, RLWE, SGWC, TAMU, TCMC, NMNH, WFBC, WFBM, ZMAS) 281 males, 315 females, CM, 27-IV to 5-V074m GV Manley; 27-IV-52, in water tank, HS Dybas; CB, 23-VI-63,

	on cactus blossom, GHN; 18-VII-66, on thistle flower, HF&AH; 16-VII-84, on yellow composite, WFB; OS, 4000 ft., 30-VI-63, 20VI-65, 24-25-VI-71, all on blossoms of <i>Cirsium undulatum</i> , GHN; PrG, 2900 ft., 2-V-59; PJ, 4000 ft., 12-V-59, HFH/ECB. Other paratype localities also (Nelson & Westcott, 1995)
<i>Acmaeodera quadrivittatoides</i> Nelson & Westcott ++	Not in type series: CA, 10.5 mi. NE, sweeping in flowers, 07-14-82, RSA, det. RLW; PJ, beating, 06-26-82, RSA, det. RLW (20)(TAM); CM, 07-17-46, DJ Knull '60; PJ, 07-27-58, Burdick; RGV, 6/30 to 7/2/72, on <i>Viguiera (stenoloba)</i> , RLW; 6-9 mi. east PJ, same date, RLW (both BBNP file); CB, 6/30 to 7/2/72, RLW (BBNP file); PC, 5000', 05-04-59, HFH, det: HFH '62; 6 mi. E PJ, 7/4-6/61, RLW; 13 mi. SE PJ, 06-26-82, RSA; CM, 04-27-74, GVM, det. GVM; CM, 05-05-74, GVM; CM, 07-28-39, 06-16-58, HFH, det. Knull; BBNP, on <i>Acacia constricta</i> , <i>Tiquilia greggi</i> , <i>C. canescens</i> , <i>C. hispidissima</i> , <i>Fallugia paradoxa</i> , <i>Haplopappus gracilis</i> , <i>Leucophyllum frutescens</i> , <i>Melampodium leucanthum</i> , <i>Viguiera stenoloba</i> , WFB/RLW; Muskhog Spr., on cactus blooms, 06-11-37 + LMP, 06-17-37 + CB, 07-15-37, RHB (RHB, 1938)
<i>Acmaeodera recticollis</i> Fall	Boquillas Canyon, 07-04-61, RLW, det. RLW (RLWE); Lajitas, mid to late April (Westcott & Barr, 1998)
<i>Acmaeodera riograndei</i> Nelson	[HOLOTYPE] (NMNH) OS, 06-24-71, on <i>Cirsium</i> sp. blossom, G. Nelson [ALLOTYPE, females] same locality as holotype [PARATYPE] CA, 18-VII-1967, JW Tilden + CB, 15-VI-1948, M. Cazier + PJ, 1-VII-1972, RLW (Nelson, 1980); BBNP, on <i>Bahia absinthiflora</i> var. <i>dealbata</i> , 7/84, WFB/RLW (BBNP file); GnS Rd., 15-VII-1986, GHN, on flowwers of <i>Tiquilia greggi</i>
<i>Acmaeodera rubronotata</i> Laport & Gory	[=A. sparsa Horn] SRT, 6700-7200', 08-16-68, JEH, det. SGW (TAM)
<i>Acmaeodera scalaris</i> Mannerheim	CM, 09-19-38, JN Knull; CB, upper Window Trail, 22-X-2001 TEM (MacRae, BBNP IAR, 2001)
<i>Acmaeodera tiquilia</i> Westcott & Barr	[HOLOTYPE] "Lower Pine Cyn., VII-16-84 ex <i>Tiquilia canescens</i> , WFB" + [PARATYPES] ex <i>T. greggii</i> , 16/17-VII-84, 2.4 mi. W PJ, 6 mi. SE PJ, all WFB + PC Rd., 1160-1190m + GnS Rd. 945m, 15-VII-86 + 1.6 mi W Basin Jct., all RLW + etc. (Westcott & Barr, 1998)
<i>Acmaeodera wenzeli</i> Van Dyke	[PARATYPE; OSU Coll.] PiC, 5000-5700', 6/30 to 7/2/72, on <i>Acacia</i> , RL Westcott; CM, 07-09-36, 07-04-41, on <i>Acacia farnesiana</i> , J Knull; CB, on <i>Acacia constricta</i> , G Nelson
<i>Acmaeoderoides ferruginis</i> Wellso & Nelson	BBNP, on <i>Tiquilia greggi</i> , <i>T. canescens</i> , 07-84, Barr/Westcott (BBNP file)
<i>Acmaeoderopsis chisosensis</i> (Knull)	[=Acmaeodera] [HOLOTYPE] CM, 06-09-39, J Knull; [PARATYPES] (FMNH & OSUC) CM, 07-23, JN Knull; CA, 04-21-73, S. Wellso; near Boquillas, 04-16-83, dead mesquite, S. Wellso (Knull, 1952); CB, on <i>Acacia</i> , 6/30 to 7/2/72, RLW (BBNP file) + 06-27-63, on <i>Acacia constricta</i> , GHN, det. GHN '82 (TAM); CM, 07-17-46, D Knull (Knull, 1952)
<i>Acmaeoderopsis hulli</i> (Knull)	RGV, 06-08-72, WEC, det. SGW (TAM)
<i>Acmaeoderopsis junki</i> (Thery)	CA, 08-03-68, JEH, det. SGW '69 (TAM)
<i>Agaeocera gentilis</i> (Horn)	RGV area, 6/30 to 7/2/72, RSA, on <i>Malva</i> ; Cottonwood Cpgd., 07/12-13/82, on mallows, RSA, det: RSA '83 + det. RLW (7)(TAM); Solis Ranch on <i>Solanum eleagnifolium</i> , 06-23-37, RHB (RHB, 1938)
<i>Agrilus</i> sp.	Pine Canyon, 5000-5700', 6/30 to 7/2/72, on <i>Quercus</i> , RL Westcott (BBNP file)
<i>Agrilus abductus</i> Horn	CM, 06-22-59, J Knull
<i>Agrilus addendus</i> Crotch	CM, 07-17-46, J Knull, det: Knull; Panther Junction, 12.5 mi. SE, 06-23-82, RSA, det. RLW (TAM); BC, on <i>Prosopis glandulosa</i> , 07-16-82, RSA, det. RLW (TAM)
<i>Agrilus albocomus</i> Fisher	CM, 06-27-59, D.Knull, det: Knull '60
<i>Agrilus aureus</i> Chevrolat	CB, 6/30 to 7/2/72, on <i>Malva</i> , RL Westcott (BBNP file); CM, 06-23-61, J Knull, det: Knull
<i>Agrilus felix</i> Horn	CA, 1.7 mi. NE, 07-14-82, RSA, det. RLW (TAM)

<i>Agrilus fisherellus</i> Obenberger	[= <i>A. costipennis</i> Fisher] CM, July 9 (Knull, JN, 1944); GG, 06-08-72, WEC, det. SGW (TAM)
<i>Agrilus gibbicollis</i> Fall	CM, 07-17-46, J Knull + 08-31 to 09-02-86, East, Kovarik, Haack (TAM); Emory Peak, 7000', CAT; CB, 07-23-68, JEH (TAM)
<i>Agrilus lacustris</i> LeConte	(s. str.) Sotol Vista, 4489 ft., 22-VI-1994, TCM, on <i>Croton pottsii</i> (Nelson, 1994) (MacRae & Nelson, 2003)
<i>Agrilus lecontei celticola</i> Fisher	BBNP, 04-16-83, on <i>Prosopis</i> , SGW, det: Howden '62; OS, 05-02-59, 4000', ex hackberry, Howden/ECB; CM, 07-17-46, J Knull, det: Knull; BBNP, 7/84, on <i>Celtis</i> , Barr/Westcott (BBNP file); CF, 06-29-84, LG & TP Friedlander, det. GHN (TAM); OC-WT, 5400', 06-27-82, RSA (5), det. RLW (TAM)
<i>Agrilus macer</i> LeConte	CM, 07-17-46, J Knull, det. Knull
<i>Agrilus malvastri</i> Fisher	Cottonwood Cpgd., sweeping, 07/12-13/82, RSA, det. RLW (TAM)
<i>Agrilus obscurilineatus</i> Vogt	[= <i>A. chisosanus</i> Knull] [HOLOTYPE] (FMNH) CM, 07-08-55, DJ & JN Knull (Knull, 1956) (Vogt, 1949); CB, 24-VII-1998, GHN, on <i>Juniperus flaccida</i> (MacRae & Nelson, 2003)
<i>Agrilus olentangyi</i> Champlain & Knull	CM, 05-04-74, GVM, det: Manley (TAM)
<i>Agrilus pectoralis</i> Waterhouse	[= <i>palmaecollis</i> Horn] Rio Grande Village, 04-14-83, on mesquite, SGW, det: Wells; CM, 06-09-39, J Knull, det: Knull; BC, 07-16-82, RSA (5), det. Hesperheide '84 (TAM)
<i>Agrilus (Engyaulus)</i> <i>pulchellus</i> Bland	CB, 07-23-68, JEH (TAM)
<i>Agrilus putillus</i> <i>parputillus</i> Knull	[HOLOTYPE] (FMNH) on maple (<i>Acer grandidentatum</i>) PC, 5-10-59, ECB & HFH; [ALLOTYPE][PARATYPES] (CNCI & OSU) on maple (<i>Acer grandidentatum</i>) PC, 5-04-59, 5-07-59, HFH/ECB & Boot Spring, 05-18-59 & Pulliam Canyon, 05-17-59, in dead maple twigs, Howden/ECB, det: JNK (Knull, 1960a); Pulliam Canyon, 5000', 05-17-59, HFH, det: Knull; CM, 05-08-74, G. Manley, det: Manley; PC, 05-10-59
<i>Agrilus salviaphilos</i> Manley	CM, PC, 500-5200', 1,2-VII-72, beating <i>Quercus</i> , RLW, det. RLW (RLWE)
<i>Agrilus subcinctus</i> Gory	CB, 05-14-59, Howden/ECB; LMT, 6000-6500', 07-09-82, RSA, det. RLW (TAM)
<i>Agrilaxia flavimana</i> (Gory)	[= <i>Agrilaxia arizonae</i> Obenberger] CM, 07-17-42, 06-23-61, J Knull; GG, 5300', 05-28-59, HFH, det: Howden '62 [cf. <i>Anthaxia</i>]
<i>Brachys barberi</i> Fisher	CB, 05-08-59, H. Howden, det: Howden '62; CM, 07-17-46, JNK, det: Knull; Oak Canyon-Window Trail, 5400', 06-27-82, RS Anderson, Lost Mine Trail, 6000-6850', 06-29-82, RSA; Pine Canyon Trailhead, 4700', 07-11-82, RSA
<i>Brachys querci</i> Knull	[PARATYPE] (FMNH) CM, 06-09-31, JN Knull; [PARATYPES] (FMNH) CM, 07-17-46, JN Knull (Knull, 1952)
<i>Buprestis</i> <i>parmaculativentris</i> Knull	[HOLOTYPE male] (FMNH) CM, 06-30-57, on pine, DJ & JNK (Knull, 1958); CB, 06-2-65, on <i>Pinus cembroides</i> , GHN; MC, 5400', 06-29-82, RSA; Oak Canyon, along WT, 5400 ft., 21-VI-1994, TCM, ex dead trunk of <i>Pinus cembroides</i> (MacRae & Nelson, 2003); atop PC, 6700', <i>Pinus cembroides</i> , 1-VII-72, RLW, det. RLW (RLWE)
<i>Chrysobothris acaciae</i> Knull	[PARATYPE] (OSUC) "Big Bend", 6-24-47, HR Beamer (Knull, 1954); CM, 07-17-46, 07-08-55, JNK (Holotype from Davis Mts.)
<i>Chrysobothris axillaris</i> Horn	CM, 07-09-36, 06-16-58, JN Knull; 1 mi. N Boot Springs, 8-V-77, R.L. Penrose, det. RLW (RLWE)
<i>Chrysobothris beameri</i> Knull	[HOLOTYPE, male] (SEMC) Big Bend, 06-24-47, R Beamer (Knull, 1954)
<i>Chrysobothris convexa</i> Fall	CM, July 25, H. Wenzel; Lost Mine Trail, 6000-6800', 29-VI-82, on <i>Viguiera stenoloba</i> , RSA, det. RLW (RLWE); Pine Canyon Trailhead, 11-VII-82, on <i>Viguiera stenoloba</i> , RSA, det. RLW (RLWE); 6 mi. E PJ, 4,6-VII-61, RLW, det. RLW [HOMOTYPE] (RLWE)
<i>Chrysobothris</i> <i>culbersoniana</i> Knull	CB, 9-V-80, F.T. Hovore, det. RLW [HOMOTYPE] (RLWE)
<i>Chrysobothris edwardsii</i> Horn	TF, 3200', on Acacia, 05-05-59, 05-20-59, HFH/ECB; nr. Fossil Bone Exhibit, 23-X-2001, TCM (MacRae, 2001 IAR)

<i>Chrysobothris exesa</i> LeConte	CA, 04-21-73, on <i>Prosopis glandulosa</i> , S Wellso, det: Wellso; near Boquillas, 04-16-83, on standing dead mesquite, S. Wellso
<i>Chrysobothris femorata</i> complex	CM, 07-17-46, JN Knull
<i>Chrysobothris fiskei</i> Fisher	CM, 07-17-46, 06-27-59, J Knull
<i>Chrysobothris ignicollis</i> Horn	CM, 06-19-58, 07-09-36, J Knull
<i>Chrysobothris lateralis</i> Waterhouse	CA, 04-21-73, on <i>Prosopis</i> , S Wellso, det: Wellso; near Boquillas, ex standing dead mesquite, S.Wellso
<i>Chrysobothris merkelii</i> Horn	Near Boquillas, 04-16-83, ex standing dead mesquite, S Wellso
<i>Chrysobothris octocola</i> LeConte	CA, 05-03-74, G.Manley, det: Manley; CA, 04-21-73, on <i>Prosopis</i> , SGW; OS, 4000', 05-22-59, HFH, det: Howden '62; near Boquillas, 04-16-83, on standing dead mesquite, SGW; CA, Cottonwood Cpgd., 23-X-2001, TCM (MacRae, 2001 IAR)
<i>Chrysobothris peninsularis</i> <i>peninsularis</i> Schaeffer	Rio Grande Village. dump, 04-16-83, S Wellso
<i>Chrysobothris purpureovittata</i> <i>purpureovittata</i> Horn	CM, 07-17-46, 06-09-39, JN Knull; BBNP, on <i>Acacia constricta</i> , 7/84, Barr/Westcott (BBNP file)
<i>Chrysobothris rossi</i> Van Dyke	CM, 06-30-57, 07-09-36, J Knull
<i>Chrysobothris texana</i> LeConte	CM, 07-08-55, J Knull
<i>Chrysobothris viridiceps</i> Melsheimer	CM, 07-17-46, J Knull
<i>Gyascutus carolinensis</i> (Horn)	Mail Box Tank on <i>Larrea tridentata</i> , 06-11-37, and Rock Hut, 06-17-37, RHB (RHB, 1938)
<i>Gyascutus (Stictocera) caelatus</i> (LeConte)	CB, 08-09-37, B.Hartelius; CM, east slope, B.Hartelius; CM, 07-17-46, 07-08-55, J Knull; CM, 08-08-62, CAT; CB, 09-06-37, and Panther Mt. on <i>Acacia constricta</i> , 07-18-37, and Lower TC, 07-16-37, RHB (RHB, 1938); CB, upper WT, 22-X-2001, TCM (MacRae, 2001 IAR)
<i>Gyascutus planicosta obliteratus</i> (LeConte)	Rio Grande Village, 07-14-68, DR Bennett, on <i>Larrea</i> , det. GH Nelson
<i>Hippomelas</i> sp.	Rio Grande Village, on <i>Larrea divaricata</i> , 6/30 to 7/2/72, RL Westcott (BBNP file)
<i>Lampetis (Spinthoptera) drummondi</i> (Laporte & Gory)	[= <i>Psiloptera drummondi</i>][= <i>Psiloptera drummondi woodhousei</i>] RM, BuS, 07-30-87, on <i>Acacia roemeriana</i> , DH, det: Heffern '87; CM, east slope, 4500', 08-06-37, B.Hartelius; CM, 09-18-38, 07-17-46, JNK; BBNP, on <i>Acacia constricta</i> , 7/84, WFB/RLW (BBNP file); Panther Mt., on <i>Acacia constricta</i> , 07-13-37 + SoR, 06-23-37 +TF, 07-11-37 + RR, 07-27-37, RHB (RHB, 1938); 07-22-37, RHB (TAM); GG, 06-04-72 WEC (TAM); CB, 07-17-56, on sumac, HFH, det: Howden, 57; CM, 07-17-46, 08-13-62, CAT; CB, upper and lower WT, 22-X-2001 + CA, 23-X-2001, TCM (MacRae, 2001 IAR)
<i>Mastogenius texanus</i> Bellamy	[PARATYPE] (LACM) CB area, 29-IV-59, <i>Quercus grisea</i> , HFH/Becker (Bellamy, 2002)
<i>Melanophila atropurpurea</i> (Say)	[= <i>Oxypterus</i>] Boquillas, 07-07-48, C Vaurie; Castolon, 06-01-28, FFB (TAM)
<i>Paratyndaris acaciae</i> (Knull)	[= <i>Ancylotela</i> , auct.] [PARATYPE] (FMNH) CM, 07-09-36, JNK; CM, 06-09-39, 06-26-61, JNK; CM, July 9 to 17, HA Wenzel (Knull, 1937) (Holotype from Davis Mtns.)
<i>Paratyndaris prosopis</i> (Skinner)	[= <i>Ancylotela</i> , auct.][= <i>Tyndaris</i> , auct.] CM, 07-17-46, 06-26-61, J Knull; PC, 500-5200', 1,2-VII-72, dead twigs of <i>Quercus</i> + CB, trail to Boulder Mdws., 17-VII-84, beating <i>Quercus</i> , RLW, det. RLW (RLWE)
<i>Polycesta arizonica</i> Schaeffer	CM, 06-09-39, 06-25-61, J Knull; PC, 5000-5700', 6/30 to 7/2/72, RLW (BBNP file); CB, 06-23-68, JEH, det. SGW (TAM)
<i>Spectralia roburella</i> (Knull)	[= <i>Cinyra</i>] [PARATYPE] (FMNH) CM, 07-17-55, JNK, 07-08-55, JNK; CM, July 17, HAW (Knull, 1941); CM, Panther Pass, 30-VI-72, <i>Quercus</i> , RLW, det. RLW, (RLWE) (Holotype from Davis Mtns.)

<i>Thrincopyge alacris</i> LeConte	GG, 5300', 05-08-59, on sotol, HFH, det: Howden '62 (Howden, 1960a); Sotol Vista, 05-22-83, in base of sotol, RSA, det. RLW; Maple Canyon, 5400', 05-23-83, RSA, det. RLW (2) (TAM); CB, 11-V-77, R>L>Potts, det. RLW (RLWE)
<i>Thrincopyge ambiens</i> (LeConte)	GG, 5300', 05-08-59, on sotol, HFH, det: Howden '62 (Howden, 1960a); CM, Panther Pass, 30-VI[72, RLW, det. RLW (RLWE)
ELMIDAE	
<i>Heterelmis glabra</i> Horn	Rio Grande, on wood, 03-23-72, H.Brown, det: Brown
<i>Microcyloepus pusillus</i> (LeConte)	Rio Grande, 03-23-72, H.Brown, det: H.Brown; Terlingua Cr. at Terlingua Abaja, 04-07-85; CB Barr (BBNP card file)
DRYOPIDAE	
<i>Dryops</i> sp.1	SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Helichus suturalis</i> LeConte	RGV 01-03-70, MWS (BBMP file); TC at mouth, 01-03-70, MS (BBNP file); Rio Grande, 03-23-72, H. Brown, det: Brown
<i>Helichus triangularis</i> Musgrave	Cattail Falls, 6-26, RSA; 28-22, CB 06-29-37, RHB, det: C.Barr '85 and 07-11-37, RHB (RHB,1938)
<i>Posthelichus immsi</i> (Hinton)	[=Helichus] SEC, 07-16-68, H.Brown, det: Brown
<i>Posthelichus productus</i> (LeConte)	[=Helichus] Tornillo Creek, at mouth, 01-03-70, M.Sanderson (BBNP file); [prob. is-ID of <i>P immsi</i> – <i>P. productus</i> does not occur in Texas ref. EG Riley]
HETEROCERIDAE	
<i>Tropicus pusillus</i> (Say)	Rio Grande Village, 06-07-72, WEC, det. MV Miller (TAM)
PSEPHENIDAE	
<i>Psephenus texanus</i> Brown & Arrington	Grapevine Hills + Hot Springs; Apr, Aug (Bowles, 2000)
EUCNEMIDAE	
<i>Anelastes drurii</i> Kirby	CB, 06-14-37 at lights, RHB (RHB, 1938)
ELATERIDAE	
<i>Aeolus</i> sp.	North RM Preserve, 07-28-87, UV Lite + Rosillos Mts., BuS, 07-30-87, UV lite, DH
<i>Aeolus livens</i> (LeConte)	BH, 2130', IV-22-25-2004, UV + SEC, 2200', IV-23-2004 + LMT lower, 5750', VI-21-2004, EGR, det EGR, 2005
<i>Aeolus mellillus</i> (Say)	Boquillas, 05-25-59, 1850', light, H.Howden, det: ECB '62
<i>Aeolus scutellaris</i> (Schaeffer)	SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Agrypnus rectangularis</i> (Say)	[=Elater][=Colaulon] CB, 05--12-59, H.Howden, det: ECB; RGV, 07--04-72, R.Berry; Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Cardiophorus pallidus</i> Dajoz	[HOLOTYPE] Boquillas Cyn., 07-IV-2000, R. Dajoz; [PARATYPES] 7 males, 4 females, same locality, 07 to 18 April, 2000, Dajoz (Dajoz coll.) (Dajoz, 2000)
<i>Conoderus athoides</i> (LeConte)	Boquillas, 05-25-59, light, HFH, det: ECB '62; CB, 07-12-68, CA Triplehorn
<i>Deilelater physoderus</i> (Germar)	[=Pyrophorus texanus Hyslop] Boquillas, 05-23-59, 1850', at light, HFH, det: ECB '62; CB, 06-19-37, and Boquillas, 07-22-37, RHB (RHB, 1938); CwC, 2100', VIII-1-2003, UV+ SEC, 2000', VI-19-004, UV, both EGR, det EGR, 2005
<i>Esthesopus</i> sp.	North RM Preserve, 07-27-87, UV lite, DH; RGV, 07-07-72, WEC (2) (TAM)

<i>Esthesopus dispersus</i> Horn	Boquillas, 07-16-68, MLA, det. JW Smith '81 (TAM)
<i>Glyphonyx bimarginatus</i> Schaeffer	147, Kibbee Spr. at lights, 08-25-37, RH Baker, det: Knull '38 RHB, 1938)
<i>Glyphonyx helix</i> Smith & Balsbaugh	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, DH, det: Downie '87
<i>Glyphonyx knulli</i> Smith & Balsbaugh	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, DH, det: Downie '87
<i>Hemicrepidus</i> sp.	Rosillos Mts. Buttrill Spring, 07-30-87, UV lite, D.Heffern,
<i>Heteroderes sordidus</i> (LeConte)	Rosillos Mts., BuS, 07-30-87, UV lite, D.Heffern, det: Downie '87; GG, 4900', VIII-2-2003, UV +SEC, 2200', IV-23-2004, UV, both EGR, det EGR, 2005
<i>Horistonotus simplex</i> LeConte	North Rosillos Mts. Preserve, 07-27-87, UV Lite, D.Heffern, det: Downie '87; Rosillos Mts., BuS, 07-30-87, UV lite, DH
<i>Lanelater schotti</i> (LeConte)	5 mi. N GnS, 05-24-59, 3000', HFH, det: Becker '62; BC, R.Berry + 07-04-72 (Spilman, 1985); CA, 06-01-28 + HS, 1900', 05-06-59 + SEC, 04-04-69 (Spilman, 1985); BC, sand dune, March, April, 2000, Dajoz (Dajoz, 2000); BH, 2130', IV-25-2004, UV+ RGO, 1960', IV-26-2004, UV + SEC, 2000', VI-19-2004, EGR, det EGR, 2005
<i>Megapenthes texanus</i> Becker	[PARATYPES] (CNCI) Boquillas, 1850', May 28 + CB, May 9 to June 28 + CM, June 10 to June 28 + JC, July 10-24 + GnS, 5 mi. N., 3000', May 24 + PJ, 4000', May 19 & 24 (all Becker, 1971); BC, sand dune, March, April, 2000, Dajoz (Dajoz, 2000); LMT lower, 5750', VII-18-2002, UV + CB, 5500', VII-18-2002 + GG, 4900', VIII-2-2002, UV, EG&CMR, det EGR, 2005
<i>Melanotus</i> sp.	CB, 07-26-37 & 08-27-37, RHB, (RHB, 1938)
<i>Melanotus hamatus</i> Knull	[HOLOTYPE male, JNK Coll.] [ALLOTYPE] [PARATYPE] (FMNH, HAHC) CM, July 8, 1936, JNK; paratypes labelled CB, July 16 & 17, 1956, H&A Howden (Knull, 1959); CB, July 4 & 5, 1942, HA Scullen; GG, 4900', VIII-2-2003, UV, EGR, det EGR, 2005
<i>Melanotus lanceatus</i> Quate	LMT trailhead, 5750', VI-18 & 21-2004, UV, EGR, det EGR, 2005
<i>Melanotus similis</i> (Kirby)	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000); CB, 5500', VII-2-2003, UV, EG&CMR, det EGR+ GG, 4900', VIII-2-2003 + BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Neotrichophorus arizonensis</i> (Schaeffer)	Boquillas, 05-17-59, 1850', light, H.Howden, det: Becler '62; CB at lights, 06-14, 06-16, 06-24-37, RHB (RHB, 1938); BH, 22130', IV-22-25-2004, UV + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Neotrichophorus texanus</i> (LeConte)	Rosillos Mts., BuS, 07-30-87, UV lite, D.Heffern, det: Downie '87; CB at lights, 07-11-37, RHB (RHB, 1938); CB, 5500', VII-18-2002, UV, EGR, det EGR, 2005
<i>Pardonus pectoralis</i> Say	North RM Preserve, 07-28-87, UV lite, D.Heffern, det: Downie '87 as <i>Negastrius</i>
LYCIDAE	
<i>Falsocalleros moleculus</i> (Green)	[<i>Pseudoplateros</i>] CM, 07-17-46, J.Knull
<i>Leptoceletes dehiscens</i> (Green)	[= <i>Celetes dehiscens</i>][HOLOTYPE, male] (OSUC) CM, 07-17-40, DJ&JN Knull (Green, 1952)
<i>Leptoceletes pallidus</i> (Green)	[= <i>Celetes dehiscens</i>][HOLOTYPE, male] (OSUC) CM, 07-17-40, 06-19-64, DJ&JN Knull; [PARATYPES] (CASC, UMMZ) CM, VII-4 to 22, prob. same year & collectors (Green, 1952); CM, 08-10-62, light, CAT; LMThead, 5750', VI-21-2004, EGR, det EGR, 2005
<i>Lucainia</i> sp.	McKinney Spr., May 2005,, C. Carlton
<i>Lycus</i> sp, near <i>fernandezi</i> Duges	CM, 08-07-52, CA Triplehorn
<i>Lycus</i> sp.	[= <i>Lycostomus</i>] Muskhog Spr. on <i>Chilopsis linearis</i> , 06-11-37, RHB (RHB, 1938)
<i>Lycus fernandezi</i> Duges	CM, 07-09-36, 06-21-49, JNK; 112-8, 112-5, 65-3, all on 08-03-37 + CB on maguey (<i>Agave</i>) + 08-03-37, RHB (TAM); CtC 3390', VI-20-2004, EGR, det EGR, 2005

<i>Lycus loripes</i> (Chevrolat)	[= <i>Lycostomus</i>] 37-6, Boot Spr. on blooms of <i>Agave</i> , 07-07-37, RH Baker
<i>Lycus sagittatus</i> Green	[HOLOTYPE, male] [ALLOTYPE, female] (OSCU) [PARATYPES] (OSUC, ANSP, CASC) CM, 06-09-39, DJ&JN Knull (Green, 1949)
<i>Lycus simulans</i> (Schaeffer)	PT, 500-6900', VI-21-2004 + lower OS, 3830', VI-20-2004, EGR, det EGR, 2005
PHENGODIDAE	
<i>Cenophengus debilis</i> LeConte	CM, 07-28-62, J.Knull
<i>Distremocephalus texanus</i> (LeConte)	[<i>Mastinoce5rus</i>] CM, 06-09-39, J.Knull
<i>Phengodes frontalis</i> LeConte	CM, 06-23-61, J.Knull
<i>Phenogodes</i> sp.	CB at lights, 06-09-37 & 07-03-37, RHB (RHB, 1938)
LAMPYRIDAE	
<i>Ellychnia flavicollis</i> LeConte	CM, 06-23-61, J.Knull
<i>Microphotus</i> sp.	GG, 07-24-68, JEH (2)(TAM); RGV, 06-07,08-72, WEC (TAM); CB, 08-14-69, VVB & JEH (TAM)
<i>Microphotus octarthus</i> Fall	Rosillos Mts., Butteill Spr., 07-29-87, UV light, D.Heffern, det: Downie '87
<i>Photuris</i> sp1	BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Pleotomus nigripennis</i> LeConte	CB, 07-12-68, CA Triplehorn
<i>Pleotomus pallens</i> LeConte	27-9, CB, 06-24-37 & 06-14-37 from camp screens, RHB (RHB, 1938); CM, 06-27-59, 07-28-62, J.Knull; CS, 3400', VIII-3-3003 + BH, 2130', IV-22-25-2004, UV, + RGO, 1960', IV-25-2004 + SEC, 2000', VI-25-2004, all EGR, det EGR, 2005
<i>Pyropyga</i> sp.	49-26, Boot Spr. on <i>Quercus chisosensis</i> , 07-08-37, and 06-23-37 at lights, RHB (RHB, 1938)
<i>Pyropyga nigricans</i> (Say)	[= <i>P. fenestralis</i> Mels.] (23-3) Glenn Spr. on <i>Salix nigra</i> , 06-23-37 RHB (RHB, 1938); CM, 06-09-39, J.Knull
CANTHARIDAE	
<i>Belotus</i> sp.	26-61, Lower Blue Creek on bear grass (<i>Nolina erumpens</i>), 06-28-37 RHB, and LJS at lights, RHB (RHB, 1938)
<i>Caccodes chisosensis</i> (Fender)	[= <i>Malthinus</i>] [HOLOTYPE] (OSUC) CM, 07-08-55, JNK (Fender, 1963)
<i>Chauliognathus</i> sp.	Mouse Canyon, 07-05-72, A.Van Pelt; 112-17, 08-03-37, RHB; 26-17, 06-28-37, RHB
<i>Chauliognathus</i> sp. nr. <i>discus</i> LeConte	LJS on <i>Agave</i> and Apache Plume (<i>Fallugia paradoxa</i>), 06-24-37, and Panther Mtn., 06-29-37, and Lower Blue Creek on <i>Fallugia paradoxa</i> , 06-28-37, and CB on <i>Agave</i> , 08-03-37, all RHB (RHB, 1938)
<i>Chauliognathus basalis</i> LeConte	CM, July, H.Wenzel
<i>Chauliognathus discus</i> LeConte	[TYPE, male] [Original combination] (MCZC, #2817) Texas (LeConte, 1853); [= <i>C. texanus</i> Fender] CM, 07-09-36 [ALLOTYPE] (OSUC) JNK; CM, July, HAW; CM, 06-09-36, 06-26-61, JNK; CM, 08-13-62, CAT; BBNP, 06-23-37, RHB (TAM)
<i>Chauliognathus limbicollis</i> LeConte	CM, 09-13-38, J.Knull
<i>Chauliognathus marginatus</i> (Fabricius)	CM, July, H.Wenzel
<i>Chauliognathus omissus</i> Fall	CM, 09-13-38, J.Knull

<i>Chauliognathus scutellaris</i> LeConte	CM, 7/19-24, H.Wenzel
<i>Discodon planicollis</i> (LeConte)	CM, 06-23-61, J.Knull
<i>Ditemnus vandykei</i> (Green)	[= <i>Silis</i>] [PARATYPE] (OSUC, CASC, CNCI) CB 16-VII-56, H&A Howden; Boot Spr., BBNP, 7000 ft., + PC, 5000 ft. + GG 5300 ft., 4- V-59 to 20-V-59, HFH/ECB; CM, 18-VII, JW Green; CM, 20, 21- June, 1961 + CM, 07-28-62, DJ&JN Knull (Green, 1966)
<i>Malthodes</i> sp.	CM, 08-26-60, CA Triplehorn

DERMESTIDAE

<i>Anthrenus</i> sp.	Study Butte, 5 mi. N, 05-31-73, GCG & WEC (TAM)
<i>Cryptorhopalum</i> sp.	GG, 06-04-72, WEC (TAM)
<i>Cryptorhopalum obesulum</i> Casey	[= <i>C. dorcatomoides</i> Casey] CM, 07-17-46, J.Knull
<i>Dermestes caninus</i> Germar	[= <i>D. nubilis</i> Say] CM, 07-09-36, J.Knull

BOSTRICHIDAE

<i>Amphicerus cornutus</i> (Pallas)	BH, 2130'; IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Amphicerus simplex</i> (Horn)	72-5, Boquillas at lights, 08-11-37, RHB (RHB, 1938); no data [identified as <i>Microptera simplex</i> on pin at BBNP]; Cottonwood Cpgd., 2100'; VIII-1-2003, UV + CS, 3400', VIII-3-2003 + BH, 2130', IV- 22-25-2004, UV + SEC (mouth), 2200', IV-23-2004, UV, all EGR, det EGR, 2005
<i>Apatides fortis</i> (LeConte)	BH, 2130', IV-22-25-2004, UV + Rio Grande Over., RGO, 1960', IV-25- 2004, UV + SEC, 2000', VI-19-2004, UV, all EGR, det EGR, 2005
<i>Polycyon stoutii</i> (LeConte)	GG, 4900', VIII-2-2003, UV + LMThead, 5750', VI-21-2004, all EGR, det EGR, 2005
<i>Scobicia arizonica</i> Lesne	CM, 07-17-46, J.Knull; LaM – Colima Trail, 6500-7000', VIII-2-2003, EGR, det EGR, 2005
<i>Xylobiops sextuberculatus</i> (LeConte)	BH, 2130', IV-22-25-2004, UV + SEC (mouth), 2200', IV-23-2004, UV + Rio Grande Over., RGO, IV-24-2004, UV, all EGR, det EGR, 2005
<i>Xylobiops texanus</i> (Horn)	CM, 06-23-61, J.Knull

<i>Xyloblaptus quadrispinosus</i> (LeConte)	[ident. as <i>Xylobiops</i>] CM, 07-17-46, J.Knull
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ANOBIIDAE

<i>Euvrilletta</i> sp.	[includes Ptinidae]
<i>Niptus ventriculus</i> LeConte	CM, 07-08-55, J.Knull
<i>Tricorynus</i> sp.	CM, 07-09-36, J.Knull
<i>Tricorynus confusus</i> (Fall)	Rosillos Mts., Buttrill Spring, 07-40-87, UV lite, D.Heffern, det: Downie '87
<i>Tricorynus conophilus</i> (Fall)	CM (White, 1965)
<i>Tricorynus estriatus</i> (Horn)	CM (White, 1965)
<i>Tricorynus gibbulus gibbulus</i> (Fall)	CM (White, 1965)
<i>Tricorynus imitans</i> White	Big Bend Natl. Park (White, 1965)
	GnS, 5 mi. N., 3000', 05-24-59, HFH/ECB + OS, 4000', 05-08-59 & 05- 22-59, HFH/ECB + PJ, 4000', 05-02-59 & 05-12-59, HFH/ECB + TF,

<i>Tricorynus inaequalis</i> (Fall)	3200', 05-03-59 & 05-12-59, HFH/ECB + NPD, 2600', 05-20-59 + CB, 05-08-59, HFH/ECB + CB, 07-14-50, RF Smith + CB, 07-16-56, H&A Howden (White, 1965) BBNP (White, 1965)
<i>Tricorynus mutans</i> (Fall)	BBNP (White, 1965)
<i>Tricorynus punctulatus</i> (LeConte)	CB (White, 1965)
<i>Tricorynus tumidus</i> (Fall)	CM (White, 1965)
<i>Tricorynus uniformis</i> (Fall)	BBNP (White, 1965)
TROGOSSITIDAE	[= Ostomatidae]
<i>Airora aequalis</i> Reitter	Pine Canyon, 5000' (Barron, 1971)
<i>Tenebroides corticalis</i> (Melsheimer)	CM, 06-30-57, J.Knull. [identified as Ostomatidae by Knull; Borrer treats the family as part of Ostomatidae; Arnet (1985) has <i>Tenebriodes</i> in Trogossitidae]
<i>Tenebriodes occidentalis</i> Fall	LMThead, 5750', VI-21-2004, UV, VI-21-2004, EGR, det EGR, 2005
CLERIDAE	
<i>Araeodontia marginalis</i> Barr	BBNP, no data (Barr,W., BBNP file 1985)
<i>Callotillus elegans</i> (Erichson)	[= <i>Callotillus elegans vafer</i> Wolcott] CM, 5/28, JNK
<i>Cregya quadrinotata</i> (Chevrolat)	[prob.= <i>Enoclerus</i>] Rio Grande Village, at light, 06-14-73, JS Ashe, det. G Ekis '85 (TAM)
<i>Cymatodera</i> sp.	CB at lights, 06-17-37, and Boquillas at lights, 07-23-37, and OC on <i>Quercus emoryi</i> , 07-11-37, RHB (RHB, 1938)
<i>Cymatodera belfragei</i> Horn	CB, 7/17-20/72, CAT; CM, 7/28/62, JNK; 6/8-9/68, R.Hamilton (BBNP file list)
<i>Cymatodera chisosensis</i> Barr	[HOLOTYPE, male] (CASC) CM, July 4, 1946, EC Van Dyke; [ALLOTYPE, female] (AMNH) CM, July 15, 1948, M. Cazier; [PARATYPES] (CASC, CNCI, NMNH, UMMZ, TTCC, FSCA, GHN Coll., WF Barr Coll.) 3m, 3f, CB, 5000 ft., July 8-11, 1948, GE Ball + CB, June 24, 1963, GHN + CB, Aug, 13, 1962, HV Weems, Jr. + 4m, 5f, CB, April 29, 1957 & May 11, 25, 28 & 29, 1959, HFH/ECB + 1m, Pulliam Canyon, May 18, 1959 HFH/ECB + 2m, 1f, OS, May 2 & 8, 1959, HFH/ECB + 1m, JC, July 13, 1928, FMG + 1m, 1f, PC, 5100 ft. June 5m 1970, CWO (Barr, 1972)
<i>Cymatodera dietrichi</i> Barr	[HOLOTYPE, male] CM, July 3, 1941 [ALLOTYPE, female] CM, July 5, 1942 (both CASC) [PARATYPES] (CASC, NMNH, AMNH, MCZC, ANSP, UMMZ, CUIC, DEFW) 2m, CB, 5000 ft., July 8-11, 1948, GE Ball + Big Bend State Park, July 12, 1941, BE White + 1m, JC, 6000 ft., July 14, 1928, FM Gaige; 3m, 6f, CM, June 9, 1938, DJ&JN Knull (Barr, 1952); CB, 05-09-59, HFH/ECB, det: HFH '62 + 07-23-68, JEH, det. WFB (TAM); CB, at light, 8/8/84, + PJ, at light, 8/8/84, W.Suter [= <i>C. comans</i> Wolcott] File list (WRS)
<i>Cymatodera fuchsia</i> Schaeffer	
<i>Cymatodera fuscula</i> LeConte	no data (Barr,W., BBNP file 1985)
<i>Cymatodera laevicollis</i> Schaeffer	no data (Barr,W., BBNP file 1985)
<i>Cymatodera mitchelli</i> Chapin	CB, 7/17-20/72, CAT; CM, 6/30/57, JNK (BBNP card file)(Barr,W., BBNP file 1985)
<i>Cymatodera neomexicana</i> Knull	5 mi. N Glenn Springs, 05-24-59, 3000', HFH, det: HFH '62; OS, 5/20/59, 4000', HFH
<i>Cymatodera puncticollis</i> Bland	CM, 7/8/55, JNK (BBNP card file); 6/8-9/68, R.Hamilton (BBNP file)

<i>Cymatodera sobara</i> Barr	no data (Barr,W., BBNP file 1985)
<i>Cymatodera turbata</i> Horn	CM, 8/25/60. at light, CAT; CM, 8/25/60, JNK (BBNP card file)
<i>Cymatodera tuta</i> Wolcott	CM, 6/27/59, JNK; 5 mi. N Glenn Springs, 05-24-59, 3000', H.Howden/ECB, det: Howden '62; CM, 06-23-61, CA Triplehorn; CB, 07-17-72, at lite, CAT
<i>Cymatodera umbrina</i> Fall	CM, 7/8/55, JNK; 6/30/57, JNK (BBNP card file)
<i>Cymatodera undulata</i> (Say)	BBNP, no data (Barr,W., BBNP file 1985)
<i>Cymatodera usta</i> LeConte	CM, 6/23/61, JNK (BBNP card files)
<i>Cymatodera weneri</i> Barr	[=HOLOTYPE, male] (MCZC) [ALLOTYPE, female] (MCZC) CM, 7/9-12/48, F. Werner & W. Nutting; [PARATYPES] 18m, 42f, CM, 7/9-12/48, Werner & Nutting + 6m, 6f, PJ, 6/9-10/4/8, HS Barber + 4m, 4f, CB, 5000 ft., July 8-11, 1948, GE Ball + 1m, CM, June 15, 1948, MA Cazier + 1m, TF, July 12, 1948, Werner & Nutting; (Barr, 1952) PJ, 6/4/83, WR Suter (BBNP card file)
<i>Cymatodera zosterops</i> Barr	CM, 6/26/61, JNK (BBNP card file)
<i>Enoclerus laetus laetus</i> (Klug)	GG, 07-25-68, JEH, det. WFB '88 (TAM); CB, 07-15-37, RHB (RHB, 1938) + 06-19-68, JEH, det. WFB '88 (TAM); CM, 6/30/57, JNK (BBNP card file); WT & LaM, 4480-5750', VII19-20-2002,EG&CMR, det EGR, 2005
<i>Enoclerus moestus</i> Klug	CM, 7/8/55, JNK; CM, 7/21, HA Wenzel (BBNP card file)
<i>Enoclerus ocreatus</i> (Horn)	CM, 6/27/59, JNK (BBNP card file); no data (Barr,W., BBNP file 1985)
<i>Enoclerus opifex</i> (Gorham)	PC, 5000', 05-04-59, on lechuguilla, HFH, det: Howden; CB on <i>Dasyilirion leiophyllum</i> , 07-15-37, and at tank 2 mi. E. LM, 07-02-37, RHB (RHB, 1938); OS (lower), 3830', VI-20-2004, on Sotal blooms, EGR, det EGR, 2005
<i>Enoclerus quadrisignatus</i> (Say)	Cottonwood Cpgd., 2100', VIII-1-2003, UV + BH, 2130', IV-22-25-2004, UV + SEC, 2000', VI-19-2004, all EGR, det EGR, 2005
<i>Enoclerus viduus</i> (Klug)	Canyon E. side of PB on maple (<i>Acer grandidentata</i>), 06-19-37, RHB (RHB, 1938); CB, 07-24-68, JEH, det. WFB (TAM); Pinnacles Trail (middle), 6400', VI-21-2004, EGR, det EGR, 2005
<i>Enoclerus zonatus</i> (Klug)	[= <i>E. abdominalis</i> var. <i>spinolae</i> LeConte; <i>E. abdominalis</i> ; and <i>E. spinolae</i>] RM, BuS, 07-29-87, DH, det: Heffern '87; BBNP, 07-27-37, RHB (8)(TAM); PJ, 4000', 05-27-59, HFH, det. HFH '62; CB, 07-18-56, on lechuguilla, HFH, det. HFH '57; CB, 06-11-37 & 07-28-37 + LMP, 06-17-37 + LJS, 06-23-37, on flowers and fruits of sotol (<i>Dasyilirion leiophyllum</i>), maguey (agave), and <i>Agave lechuguilla</i> , RHB (RHB, 1938); OS (lower), 3830', VI-20-2004, on Sotal blooms, EGR, det EGR, 2005
<i>Ichnea</i> spp.	range covers BBNP (Opitz, 1997)
<i>Isohydnocera pusilla</i> Schaeffer	CM, 9/19/38, JNK (BBNP card file)
<i>Lecontella gnara</i> Wolcott	CM, 8/8/62, CAT
<i>Madoniella</i> spp.	May occur in Park -- range covers BBNP (Opitz, 1997)
<i>Monophylla californica</i> (Fall)	BBNP, no data (Barr,W., BBNP file 1985)
<i>Necrobia rufipes</i> (DeGeer)	Persimmon Gap, 07-15-68, MLA, det. WFB (TAM)
<i>Madoniella dislocatus</i> (Say)	[<i>Phlogistosternus</i>] CB, 05-03-59, on Q. grisea, H.Howden, det: Howden '62
<i>Phyllobaenus caeruleipennis</i> (Wolcott)	CM, 6/14; HS Wenzel (BBNP card file)

<i>Phyllobaenus fallax</i> (Wolcott)	CM, 7/16-21, HA Wenzel (BBNP card file); on <i>Quercus</i> , W.Barr (BBNP file 1985)
<i>Phyllobaenus nigrescens</i> (Schaeffer)	CM,, 6/23/61, JNK (BBNP card file); no data (Barr.W., BBNP file 1985)
<i>Phyllobaenus robustus</i> (Horn)	CM, 7/7, HA Wenzel (BBNP card file)
<i>Phyllobaenus subfasciatus</i> (LeConte)	CM, 6/30/57, JNK (BBNP card file)
<i>Phyllobaenus unifasciatus</i> (Say)	CM, 7/18, HA Wenzel (BBNP card file)
<i>Pyticeroides</i> spp.	May occur in Park -- range covers BBNP (Opitz, 1997)
<i>Trichodes bibalteatus</i> LeConte	Cattail Cyn. (lower), 3390', VI-20-2004, EGR, det EGR, 2005
<i>Trichodes bicinctus</i> Green	6/8-9/68, R.Hamilton (BBNP file); on <i>Haplopappus gracilis</i> , W.Barr (BBNP file 1985); BBNP (Foster, 1976)
<i>Trichodes oresterus</i> Wolcott	On <i>Hymenoxys acaulis</i> var. <i>arizonica</i> , WFB (BBNP file 1985); Cattail Cyn. (lower), 3390', VI-20-2004 + Lower OS, 3830', VI-20-2004, both EGR, det EGR, 2005
MELYRIDAE	
<i>Attalus glabrellus</i> Fall	CM, 07-17-46, J.Knull
<i>Attalus grisellus</i> Fall	Boot Spr. on <i>Quercus chisosensis</i> , 07-08-37, RHB (RHB, 1938)
<i>Chaetocoelus</i> sp.1	GnS, 2670', IV-25-2004, EGR, det EGR, 2005
<i>Collops</i> sp., near <i>vittatus</i> (Say)	CM, 08-15-62, CA Triplehorn
<i>Collops flavicinctus</i> Fall	Cattail Cyn, 3390', VI-20-2004, EGR, det EGR, 2005
<i>Collops granellus</i> Fall	CM, 07-09-36, J.Knull
<i>Dasytes</i> sp.	South Rim, on <i>Quercus chisosensis</i> , 07-08-37, RHB (RHB, 1938)
<i>Tanaops caelestinus</i> Gorham	CM, July, H.Wenzel
<i>Trichochrous</i> sp.	CB, on <i>Asclepiodora decumbens</i> ?, (<i>Asclepias asperula capricornu</i>), 07-13-37, RHB (RHB, 1938)
<i>Trichochrous inaequalis</i> Casey	Laguna on cactus blooms, 06-12-37, and Lost Mine Peak, 06-17-37, RHB (RHB, 1938)
SPHINDIDAE	
<i>Sphindus</i> sp. 1	RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
NITIDULIDAE	
<i>Carpophilus pallipennis</i> (Say)	12-14, Lost Mine Peak on cactus blooms, 06-17-37, RHB; 27-29, CB, 06-24-37, RHB (RHB, 1938); CM, 06-30-57, J.Knull; WT, 05-08-69, Moore/Berry
<i>Carpophilus</i> , prob. <i>floralis</i> Erichson	LBC on beargrass, <i>Nolina erumpens</i> , 06-28-37, RHB (RHB, 1938)
<i>Cryptarcha concinna</i> Melsheimer	EP trail, 7400', IV-24-2004 + 7050', VI-21-2004, EGR, det EGR, 2005
<i>Cybocephalus</i> sp.	WT, 4480-4920', VII-19-2002 + LaM, 5500-5750', VII-20-2002, EG&CMR, det EGR; lower OS, 3830', VI-20-2004, EGR, det EGR, 2005
<i>Lobiopa falli</i> Parsons	CB, 5500;, VII-16-2002, at light, EG&CMR, det EGR, 2005

MONOTOMIDAE

Bactridium ephippiger (Guerin-Meneville) PP, 5450', IV-22-25-2004, Lindgren funnel, EGR, det EGR, 2005

PHALACRIDAE

Phalacrus sp. BBNP, 07-02-37, RHB, det. WE Steiner, Jr. (TAM)

LANGURIIDAE

Languria laeta LeConte CB at lights, 06-14-37, RHB (RHB, 1938)

Languria mozardi Latreille CB, 07-23-68, JEH (TAM)

COCCINELLIDAE

Axion plagiatum (Olivier) CM, Aug 31 to Sep 2, '86, East, Kovarik, Haack, det. JB Chapin '90 (TAM); lower OS, 3830', VI-20-2004 + CF, 4040', VI-20-2004, both EGR, det EGR, 2005

Branchiacaantha decora Casey "Big Bend National Park" (Gordon, 1985)

Cephaloscymnus zimmermanni australis Gordon LaM, 5750-7000', VII-20-2002 & VIII-2-2003, + CF, 4040', IV-23-2004 + PT, 5900', VI-21-2004, all EGR, det EGR, 2005

Chilocorus cacti (Linnaeus) WT, 45-4920', VII-19-2002, EG&CMR, det EGR; CF, 4040', IV-23-2004 + lower OS, 3830', IV-23-2004 + Pinnacles Trail, 6700', IV-24-2004 + HS, 1900', IV-25-2004, all EGR, det EGR, 2005

Coleomegilla maculata strenua (Casey) Prob. BBNP (Gordon, 1985)

Cycloneda sanguinea (Linnaeus) [=C. *immaculata* Fabricius] Boquillas on *Salix taxifolia*, 07-22-37, RHB (RHB, 1938); BH, 2130', IV-22-25-2004, UV + HS, 1900', IV-25-2004 + SEC, 2000', VI-19-2004, UV, both EGR, det EGR, 2005

Delphestus pusillus (LeConte) Widespread over southern half of US (Gordon, 1985)

Didion punctatum (Melsheimer) Widespread over all US (Gordon, 1985)

Diomus texanus Gordon Prob. BBNP (Gordon, 1985)

Epilachna tredecimnotata (Latreille) Marathon, 16 mi. S., 07-17-50, RF Smith (Gordon, 1975)

Epilachna varivestis Mulsant Prob. BBNP (Gordon, 1985)

Exochomus subrotundus Casey CM, (Gordon, 1985); lower Cattail Cyn., 3390', VI-20-2004, EGR, det EGR, 2005

Harmonia axyridis (Pallas) [exotic] SEC, 2000', VI-19-2004, EGR, det EGR, 2005

Hippodamia convergens Guerin-Meneville Emory Peak, summit, May 1981, W.Suter; GG, WS; CM, 08-06-62, CAT; "At highest elevations ... observed in great numbers" -- EP, Lost Mine Peak, SR, and PM, 06-29-37, and Boquillas, 07-23 and 08-12-37, RHB (RHB, 1938); upper Pinnacles Trail, ca. 6900', VI-21-2004 + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005

Hyperaspis caseyi Gordon CM, 07-21, JW Green (Gordon, 1985)

Hyperaspis conspirans Casey CM (Gordon, 1985); LaM Trail, 5500-5750', VII-20-2002, EG&CMR, det EGR, 2005

Hyperaspis cruenta LeConte BBNP, "Rio Grande" (Gordon, 1985)

Hyperaspis lateralis Mulsant Solis Ranch on nightshade, *Solanum eleagnifolium*, 06-23-37, RHB (RHB, 1938)

Hyperaspis pleuralis Casey CS, 3400', VIII-3-2003 + RGO, 1960', IV-25-2004, UV + Rice Tank, 3150', IV-25-2004 + HS, 1900', IV-25-2004, all EGR, det EGR, 2005

<i>Hyperaspis trifurcate</i> Schaeffer	LaM trail, 5500-5750', VII-20-2002, EG&CMR, det EGR, 2005
<i>Microweisea</i> sp.1	WT, 4480-4920', VII-19-2002, EG&CMR, det EGR, 2005
<i>Myzia interrupta</i> (Casey)	Prob. BBNP (Gordon, 1985)
<i>Nephus guttulatus</i> (LeConte)	Prob. BBNP (Gordon, 1985)
<i>Nephus sordidus</i> (Horn)	Prob. BBNP (Gordon, 1985)
<i>Nephus flavifrons</i> (Melsheimer)	Cattail CVyn, lower, 3390', VI-20-2004, EGR, det EGR, 2005
<i>Olla v-nigrum</i> (Mulsant)	"Abundant" -- Rock Hut, 06-17-37, and near Fresno Spr., 06-21-37, and UCC, 06-30-37, and at tank 2 mi. E. Lone Mtn. on <i>Salix taxifolia</i> , 07-02-37, and CB on <i>Quercus emoryi</i> , 07-11-37, and Johnson's Ranch, 08-05-37, RHB (RHB, 1938); [= <i>O. abdominalis arizonae</i> Casey, CA, 06-01-28, Bibby (Gaines, 1933)] [= <i>O. abdominalis</i> (Say)]; LaM, 6500-7000', VIII-2-2003 SEC, 2000', VI19-2004, both EGR, det EGR, 2005
<i>Psyllobora plagiata</i> Schaeffer	PP, 5450', IV-22-2004 + PT, 5800', IV-24-2004 + EP, 7400', IV-24-2004, all EGR, det EGR, 2005
<i>Psyllobora renifer</i> Casey	CB, 5500', VII-18-2002 + RGO, 1960', IV-25-2004 + PT, ca. 6400', VI-21-2004 + GG, 4400', VI-22-2004 + CF, 3390', VI-20-2004, ALL EGR, det EGR, 2005
<i>Psyllobora</i> <i>vigintimaculata</i> (Say)	Prob. BBNP (Gordon, 1985)
<i>Rhyzobius lophanthae</i> (Blaisdell)	WT, 4480-4560', VII-19-2002 + CB, 5500', VII-18-2002 + LaM, 5500-5750', VII-20-2002, EG&cmR, det EGR; BH, 2130', IV-22-25-2004, UV + EPTrail, 7400', IV-24-2004, EGR, det EGR, 2005
<i>Scymnus cervicalis</i> Mulsant	PT, lower, 5800', IV-24-2004, EGR, det EGR, 2005
<i>Scymnus creperus</i> Mulsant	Prob. BBNP (Gordon, 1985)
<i>Scymnus enochrus</i> Gordon	LaM trail, 5500-6500', VII-20-2002 + PP, 5450', IV-22-2004, both EGR, det EGR, 2005
<i>Scymnus horni</i> Gorham	50-55, 07-08-37, RHB; 26-28, 06-28-37, RHB; 07-15-37, RHB (TAM); CM, 07-17-46, J.Knull
<i>Scymnus howdeni</i> Gordon	Prob. BBNP (Gordon, 1985)
<i>Scymnus loewii</i> Mulsant	WT, 4480-4920', VII-19-2002 + LaM trail, 5500-5750', VII-20-2002, all EG&CMR, det EGR; BH, 2130', IV-22-25-2004, UV + CF, 4040', IV-23-2004 + EP, 7400', IV-24-2004' + HS, 1900', IV-25-2004, all EGR, det EGR, 2005
<i>Scymnus louisianae</i> Chapin	PT upper, ca. 6900', VI-21-2004, EGR, det EGR, 2005
<i>Scymnus nugator</i> Casey	Prob. BBNP (Gordon, 1985)
<i>Scymnus pacificus</i> Crotch	Mouth PC, 4730', IV-25-2004, EGR, det EGR, 2005
<i>Scymnus pallens</i> LeConte	Prob. BBNP (Gordon, 1985)
<i>Scymnus pauculus</i> Gordon	Prob. BBNP (Gordon, 1985)
<i>Stethorus</i> sp.1	PP, 5450', IV-22-2004, EGR, det EGR, 2005

LATRIDIIDAE

<i>Metophtalmus rileyi</i> Andrews	CB, 5500', VII-21-2002, Berlese, EGR, det EGR, 2005
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TETRATOMIDAE	
<i>Eustrophinus arizonensis</i> (Horn)	LMThead, 5750', VI-21-2004, EGR, det EGR, 2005
MELANDRYIDAE	
Species 1	SRT, 6700-7200', 08-16-68, JEH (TAM)
MORDELLIDAE	
<i>Falsomordellistena pubescens</i> (Fabricius)	PT 6400-6900', VI-21-2004 + EP trail, 7050', VI-21-2004, EGR, det. Jackman, 2005
<i>Isotrilophus erraticus</i> (Smith)	Big Bend Ranch, Presidio Co., TX, 7 to 9/VIII/1991, JBW & GZ; LMThead, 5750'. VI-21-2004, EGR, det Jackman, 2005
<i>Mordella</i> sp. 1	Oak Creek on thistle (<i>Cirsium undulatum</i> [var. <i>megacephalum</i>]), 07-15-37, RHB (RHB, 1938)
<i>Mordella</i> sp. 2	Solis Ranch on bloom of cactus, 06-23-37, RHB (RHB, 1938)
<i>Mordella atrata</i> Melsheimer	[= <i>M. scutellaris</i>] 61-47, RR, 07-27-37, RHB; Lower Blue Creek, on thistle (<i>Cirsium undulatum</i>), RHB + CB on <i>Lippia ligustrina</i> , 07-11-37, RHB (RHB, 1938); 07-16-37, RHB (TAM); WT lower, 4480-4560', VII-19-2002, EG&CMR, det EGR; PT lower, 5900', VI-21-2004 + GG, 4400', VI-22-2004 + CtC, 3390', VI-20-2004, EGR, det Jackman, 2005
<i>Mordellina ancillia</i> (LeConte)	CwC, 2100', VIII-1-2003, UV + GG, 4900', VIII-2-3003, UV, EGR, det Jackman, 2005
<i>Mordellina wickhami</i> (Liljeblad)	GG, 4900', VIII-2-2003, UV + CS, 3400', VIII-3-2003, EGR, det Jackman, 2005
<i>Mordellistena aspersa</i> (Melsheimer)	PT middle, 5500', VII-21-2004, EGR, det Jackman, 2005
<i>Mordellistena</i> sp., nr. <i>pubescens</i> Fabricius	South Rim on milkweed [<i>Asclepiodora decumbens</i>] [<i>Asclepias asperula</i>] (Dcne), 07-08-37, RHB (RHB, 1938)
<i>Pseudotolida arida</i> (LeConte)	CB, 5500', VII-18-2002, EG&CMR, det EGR; CwC, 2100', VIII-1-2003, UV + GG, 4000', VIII-2-2003, UV + CS, 3400', VIII-3-2003, EGR, det Jackman, 2005
RHIPIPHORIDAE	
<i>Macrosiagon dimidiata</i> (Fabricius)	CM, 08-08-62, CAT
<i>Macrosiagon pectinata</i> (Fabricius)	CM, 08-04-62, CAT; RGV, 2000', VIII-3-2003, EGR, det EGR, 2005
<i>Rhipiphorus vierecki</i> (Fall)	CM, 06-09-39, J.Knull
COLYDIIDAE	
<i>Bitoma gracilis</i> Sharp	CS, 3400', VIII-3-2003 + BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
MONOMMATIDAE	
<i>Hyporhagus</i> sp.	Oak Creek near water, 06-19-37, RHB (RHB, 1938)
<i>Hyporhagus gilensis</i> Horn	[= <i>H. Opuntiae</i> Horn] CM, 07-09-36, J.Knull; CM, July, H.Wenzel; [= <i>H. texanus</i> Linell] BC, 07-03-78, JE Wappes (TAM)
<i>Hyporhagus opaculus</i> LeConte	CM, 06-27-59, J.Knull
ZOPHERIDAE	
<i>Zopherus</i> sp.	[= <i>Zopherodes</i>] 07-17-63, det: T.Spilman
<i>Zopherus xestus</i> Triplehorn	[PARATYPES] (OSUC) CM, June, 1931, CAT, det. CAT (TAM); GG, 07-24-68, 5700', JEH (TAM); PJ, 4000', 04/29-30/59, HFH/ECB

(Triplehorn, 1972)

TENEBRIONIDAE	[=Lagriidae][=Alleculidae][=Cistelidae]
<i>Argoporis</i> sp.	CB under sotol stump, <i>Dasyllirion leiophyllum</i> , 07-03-37, and Lajitas at lights, 08-16-37, RHB (RHB, 1938)
<i>Argoporis alutacea</i> Casey	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Argoporis rufipes</i> Champion	6/8-9/68, R.Hamilton (BBNP file)
<i>Argoporis rufipes nitida</i> Casey	CM, CB, Pine Canyon, under rocks with <i>Solenopsis xyloni</i> McCook (Berry, RL, 1980); CB, Window Trail, 05-03-69, #22, R.Berry, det: Berry '71
<i>Asidina furcata</i> (Champion)	SEC, 09-13-68, at night on rock walls on canyon, FJ Moore + 05-04-69, same location, RL Berry & FJ Moore; BC, 07/28-30/55, EG Matthews + 1950', 05/17-24/59, HFH/ECB (Triplehorn & Brown, 1971); BC sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Asidopsis opaca</i> (Say)	78-3, CB, 08-16-37, RHB, det: Blaisdell; 67-36, Boquillas, 07-22-37, RHB; CB, 07-22-37, all RHB, (RHB, 1938); GG, 08-04-68, JEH, det. CAT '71 (TAM); CB, 5500', VII-18-2002 & VII-2-2003, EG&CMR, det EGR; PT, 5900', VI-21-2004, EGR, det EGR, 2005
<i>Blapstinus discolor</i> Horn	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Blapstinus fortis</i> LeConte	CA, Cottonwood Camp., 30-IV-94, F.F. Purrington (report to the Park)
<i>Blapstinus histricus</i> Casey	RGV, 29-IV-94, F.F. Purrington (report to Park)
<i>Blapstinus lobatus</i> Davis	RGV, 30-IV-94, F.F.Purrington (report to Park)
<i>Blapstinus sulcatus</i> LeConte	SEC, 2200', IV-23-2004, UV, EGR, det EGR, 2005
<i>Centrioptera</i> sp.	25-13, 06-23-37, K-Bar, 03-20-71 + Dagger Flat, 07-04-66; LJS, 06-24-37, RHB (RHB, 1938)
<i>Centrioptera muricata</i> LeConte	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Cryptoglossa</i> sp.	Muskhog Spr., 06-11-37, RHB (RHB, 1938); 105-2, 09-06-37, RH Baker; 105-1, 09-06-37, RHB; 4-39, 06-11-37, RHB (RHB, 1938)
<i>Cryptoglossa</i> sp., <i>nr.</i> <i>laevis</i> LeConte	Rock Hut, 09-06-37, RHB (RHB, 1938)
<i>Cryptoglossa mexicana</i> <i>mexicana</i> Champion	Wilson Ranch, 07-11-68, CA Triplehorn, det: CAT; Oak Spring, 08-15-62, CAT & HV Weems; Black Gap, 07-10-60, CAT; CB, 09-29-1952, P. Koch; CM, 07-22, JW Green; Black Gap (BBNP) 07-10-1960, RA Scheiber (Triplehorn, 1964)
<i>Cynaesus angustus</i> (LeConte)	Rosillos Mts., BuS, 07-30-87, UV lite, DH, det: Downie '87; GG, 4900', VIII-2-2003, UV + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
<i>Eleodes</i> sp.	6/8-9/68, R.Hamilton (BBNP file); Glenn Sprs., 08-06-68, JEH (TAM); GG, 4700', 07-23-68, JEH (TAM); Nugent Mt., 2 mi. E, 08-13-68, JEH (TAM)
<i>Eleodes</i> sp., <i>near</i> <i>neomexicana</i> Blaisdell	37-10, Boot Spr., 07-07-37, RH Baker, and Oak Creek, 07-15-37, RHB, (RHB, 1938)
<i>Eleodes (Cavernelodes)</i> <i>easterlai</i> Triplehorn	[HOLOTYPE #73088] (NMNH) Emory Peak, 7400', 18-VII-1972, from cave inhabited by a colony of <i>Leptonycteris nivalis longala</i> (Mexican long-tongued bat), CA, WE & BW Triplehorn, DA & DJ Easterla [PARATYPES and ALLOTYPE] (NMNH and OSUC) (Triplehorn, 1975)
<i>Eleodes carbonarius</i> (Say)	57-33 and 57-35, Boquillas, 07-22-37, RH Baker; North Rosillos Mts. Preserve, 07-27-87, D. Heffern, det: Triplehorn; BC sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Eleodes caudifera</i> LaConte	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Eleodes fusiformis</i> LeConte	LMThead, 5750', VII-18-2002, EG&CMR, det EGR; CB, 5600', VI-21-2004, UV + LMThead, 5750', VI-1-2004, UV, EGR, det EGR, 2005

<i>Eleodes hispilabris</i> Say	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Eleodes knullorum</i> Triplehorn	[HOLOTYPE] (OSUC) CM, 08-15-62, CAT [ALLOTYPE, male] (OSUC) same locality as holotype, both taken in pinyon-juniper association [PARATYPES] (OSUC) SEC, 09-03-68, PC, 09-03-68, 05-04-69 + WT, 06-09-68, CAT (Triplehorn, 1971); BC sand dune, March, April, 2000, Dajoz (Dajoz, 2000); CB, 5500', VII-18-2002, EG&CMR, det EGR + LaM lower trail, 5500-6500', VIII-2-2003, EGR, det EGR, 2005
<i>Eleodes labialis</i> Triplehorn	[HOLOTYPE, # 73089] (NMNH) Santa Elena Cyn., 3-IX-1968, JA Brubaker & FJ Moore [PARATYPE] (OSUC) same data as holotype (Triplehorn, 1975)
<i>Eleodes longicollis</i> LeConte	CA, 06-01-28, FFB, det. Lading (TAM)
<i>Eleodes subnitens</i> (LeConte)	96-16; CB, 08-27-37, RHB, det: F.Blaissdell; 67-2; CB, 08-06-37, RHB; 8-7; CB, 06-13-37, RHB; 25-11, LJS, 06-23-37, RHB; 12-5, Lost Mine Peak, 06-17-37, RHB; CB 07-27-37, all RHB (RHB, 1938)
<i>Eleodes ventricosa falli</i> Blaisdell	SEC, 09-03-68, J.Brubaker, det: Triplehorn '69; K-Bar, 03-18-71; CB, 07-14-37 + Terlingua, 08-11-37 -- "common after rain", RHB (RHB,1938)
<i>Eupsophulus castaneus</i> (Horn)	BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Eusattus</i> sp.	CM, Aug 31 to Sep 2, '86, East, Kovarik, Haack (TAM)
<i>Eusattus</i> sp. nr. <i>reticulata</i> (Say)	[=Discodemus][=E. <i>corrosus</i> Casey] 72-6, Boquillas, 08-11-37, RH Baker; 25-61, LJS, 06-23-37, RHB (RHB, 1938)
<i>Eusattus pons</i> Triplehorn	[HOLOTYPE] (OSU) Green Valley, TX, 7/14, HA Wenzel; [PARATYPES] (OSUC) same data as holotypes + CM, 7/17/46, DJ & JNK + CM, 6/26/61, DJ & JN Knull, CM, 8/7-8/62, WE & CAT + GnS, 7/18/30, HM Smith (Kansas State Univ.); CM, 7/13/58, WFB, at light, (Univ. of Idaho) (Triplehorn, 1968); CM, GnS, HAW (Triplehorn, 1968); BC, sand dune, March, April, 2000, Dajoz (Dajoz, 2000); WT lower, 4480-4560', VII-19-2002, EG&CMR, det EGR; CB, 5500', VIII-2-2003, EGR, det EGR, 2005
<i>Eusattus reticulatus</i> (Say)	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Glyptasida sordida</i> (LeConte)	Oak Creek, 07-26-37, RHB (RHB, 1938)
<i>Helops</i> sp. A	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Helops</i> sp. B	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Hylocrinus brevisculus</i> Casey	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Hymenorus</i> sp.	Rosillos Mts., BuS, 07-30-87, UV lite, D.Heffern; North Rosillos Mts. Preserve, 07-27-87, UV light, DH
<i>Hymenorus</i> sp., nr. <i>vigilax</i> Fall	CB at lights, 07-29-37, RHB (RHB, 1938)
<i>Hymenorus apacheanus</i> Casey	Rock Hut, 06-17-37, RHB, (RHB, 1938)
<i>Hymenorus prolixus</i> Casey	Rosillos Mts., Buttrill Spring, 07-29-87, D.Heffern, det: Downie '87
<i>Hymenorus significans</i> Fall	CM, 08-25-60, light, CA Triplehorn
<i>Lobopoda monticola</i> Campbell	LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
<i>Megasida obliterata</i> (Champion)	entrance to Park on Rt. 385, 08-25-60 (Triplehorn, CA, 1967)
<i>Megasida tenuicollis</i> Triplehorn	[HOLOTYPE] (OSUC) Green Valley, 7/14, HA Wenzel {PARATYPES} OS, 08-15-62, H.Weems (Triplehorn, 1967); Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Metopoloba pruinosa</i> (Horn)	WT upper, 4560-4920', VII-19-2002, EG&CMR, det EGR, 2005

<i>Metoponium cognitum</i> Casey	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Nautes</i> sp.	[may be <i>N. viridimicans</i> Horn] LJS, 06-24-37, RHB (RHB, 1938)
<i>Neatus tenebrioides</i> (Beauvois)	6/8-9/68, R.Hamilton (BBNP file)
<i>Neohelops texanus</i> Dajoz	[HOLOTYPE] [NEW GENUS] [THIS IS THE TYPE SPECIES] (Dajoz Coll) Boquillas Cyn, sand dune, 12/15-IV-2000, Dajoz [PARATYPE] (Dajoz Coll.) same data as holotype (Dajoz, 2000)
<i>Opatrinus aciculatus</i> LeConte	RGV, 29-IV-94, F.F. Purrington (report to Park); CwC, 2100', VIII-1-2003, UV, EGR, det EGR, 2005
<i>Platydemia subcostatum</i> LaPorte & Brulle	Notation is "Green Valley" -- no Park indication; also collected in Davis Mts. (Triplehorn, 1965)
<i>Statira pluripunctata</i> Horn	CM, 06-30-57, J.Knull; CM, 08-17-62, CA Triplehorn
<i>Statira robusta</i> (LeConte)	CB, 5500', VII-18-2002, at light + LMThead, 5750', VI-21-2004, UV, EG&CMR, det EGR, 2005
<i>Stenomorpha oblitterata</i> Champion	? [? <i>Megasida</i>] Boquillas, 07-22-37, RHB, (RHB, 1938)
<i>Steriphanus</i> sp.	6/8-9/68, R.Hamilton (BBNP file)
<i>Telabis muricatum</i> Casey	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Texaponium triplehorni</i> (Berry)	[<i>Cryptadius</i>] [HOLOTYPE] (NMNH) BC, 07-04-72 (Berry, 1974); Boquillas, 07-23-84, Thomas & Chambers, det. DB Thomas '84 (TAM)
<i>Triorophus lecontei</i> Casey	PJ, Headquarters, 30-IV-94, F.F. Purrington (report to the Park)
<i>Triorophus nodiceps</i> LeConte	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)
<i>Ulus elongatulus</i> Casey	Boquillas Cyn, sand dune, March, April, 2000, Dajoz (Dajoz, 2000)

OEDEMERIDAE

<i>Copidita quadrimaculata</i> (Motschulsky)	[Baker identifies as <i>C. thoracica</i> (Fabricius)] Boot Spr. at lights, 08-07-37 + SR on <i>Quercus chisosensis</i> , 07-08-37 + CB at Casa Grande, 06-15-37, RHB (RHB, 1938)
<i>Eumecomera obscura</i> (LeConte)	CM, 07-17-46, DJ Knull; CB, 05-29-59, R.Arnett
<i>Heliocis repanda</i> Horn	LaM, 5500-5750', VII-21-2004, EG&CMR, det EGR, 2005
<i>Oxacis angustata</i> Champion	HS, 1900'; Boquillas, 1850'; OS, 3000'; PJ, 4000'; TF, 3200'; all 5/1-29/59, HFH; BH, 2130', IV-22-25-2004, UV + RGO, 1960', IV-25-2003. UV, EGR, det EGR, 2005
<i>Oxacis barbara</i> Arnett	Tornillo Flat, 3200', 5/13-28/59, H.Howden
<i>Oxacis cana</i> (LeConte)	CB, TF, PJ, Boquillas, Santa Elena, 5/3-24/59, HFH; LJS at camp lights, 06-24-37, RHB (RHB, 1938); CwC, 2100', VIII-1-2003, UV, EGR, det EGR, 2005
<i>Oxacis pallida</i> (LeConte)	BC area, 5/17-23/59, HFH; 53-5, CB, 07-18-37, RHB & Lajitas, 08-16-38, RHB (RHB, 1938); CA, 06-01-28, FFB (TAM)
<i>Oxacis subfusca</i> Horn	Boquillas, 05-23-59, H.Howden
<i>Oxacis trimaculata</i> Champion	Boquillas, 5/13-28/59, HFH; SEC, 05-14-59, HH; 25-60, 06-23-37, RHB, det: RHA '61
<i>Oxacis trirossi</i> Arnett	CwC, 2100', VIII-1-2003, UV + BH, 2130', IV-22-25-2004, UV + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Oxycopsis howdeni</i> Arnett	[HOLOTYPE, male] (FSCA) TF, 3200', 05-12-59, HFH/ECB; [ALLOTYPE female] same data as Holotype] [PARATYPES] Boquillas, 05-17-59 + OS, 4000', 05-08-59 + Santa Elena, 3200', 05-04-59 + Mavrick, 2700', 05-04-59 + CB, 5-19-59 + 5-22-59 + 5-27-59,

	all collected by E. Becker & HFH (Arnett, 1965); BH, 2130', IV-22-25-2004, UV + RGO, 1960', IV-29-2004, UV, EGR, det EGR, 2005
<i>Sparedus depressus</i> (Champion)	CB, Tornillo Flat, 5/1-12/59, on Acacia, H. Howden
<i>Vasaces elongatus</i> Arnett	CB, 5/23-29/59, HFH, and 07-24-68, JEH (TAM)
MELOIDAE	
<i>Cissites auriculata</i> (Champion)	Chisos Mt. Lodge, Chisos Basin, 19 Jul 2003, 8 AM, at light, Lewis (Lewis, 2004)
<i>Cysteodemus wislizeni</i> LeConte	128-1, Dog Canyon, 07-21-36, RH Baker (RHB, 1938); CM, 07-17-46, J. Knull; CA, 07-06-89, AVP
<i>Epicauta</i> sp, near <i>linearis</i> (LeConte)	[=Macrobasis] 59-16, CB at lights, 07-26-37 & 07-08-37, RH Baker; 72-4, 08-11-37 + 126-6 + 08-12-37, BC, RHB; 126-5, Boquillas, 08-12-37, RHB & Kit Mtn. on mesquite (<i>Prosopis glandulosa</i>), 07-29-37, RHB (RHB, 1938)
<i>Epicauta alastor</i> Skinner	SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Epicauta albida</i> (Say)	[=Macrobasis] 35-1, PrG on <i>Asclepias galioides</i> , 07-10-37, RHB (RHB, 1938)
<i>Epicauta atrivittata</i> (LeConte)	[=Macrobasis] 35-2, PrG on milkweed (<i>Asclepias galioides</i>), 07-10-37, RHB (RHB, 1938); PJ, 05-10-58; K-Bar Cpgd., 07-09-82, UV lite, RSA; CM, 07-17-46, J. Knull; CS, 3400', VIII-3-2003, EGR, det EGR, 2005
<i>Epicauta cinctipennis</i> (Chevrolat)	[=E. ruidosana Fall] CB, 07-11-80, Kovarik & Brook, det. SJ Hanselmann '84 (TAM); PJ, 08-14-69, VVB & JEH (TAM); GG, 08-15-69, VVB & JEH (TAM); LaM, 6500-7000', VIII-2-2003 + PP upper, 6900', VI-25-2004, EGR, det EGR, 2005
<i>Epicauta funebris</i> Horn	70-3, CB on <i>Asclepiodera decumbens</i> (<i>Asclepias asperula</i>), 08-07-37, RHB; 25-64, 06-23-37, RHB; PJ, 7/60, Broderick
<i>Epicauta hirsutipubescens</i> (Maydell)	Black Gap, 07-10-60, RA Scheibner (TAM); CwC, 2100', VIII-1-2003, UV + CS, 3400', VIII-3-2003, EGR, det EGR, 2005
<i>Epicauta lauta</i> (Horn)	Black Gap, 07-10-60, RA Scheibner (TAM); CS, 3400', VIII-3-2003 + SEC, 2000', VI-19-2004, UV + RGO, 1960', VI-20-2004, UV, EGR, det EGR, 2005
<i>Epicauta longicollis</i> (LeConte)	CA, 06-01-28, FFB, det. JM Mathieu '65 (TAM)
<i>Epicauta maculate</i> (Say)	CwC, 21100', VIII-1-2004 + PC mouth, 4730', IV-25-2004, EGR, det EGR, 2005
<i>Epicauta marginata</i> Fabricius	47-5, Emory Peak on flowering shrubs, 07-02-37, RHB; 63-3, CB, Casa Grande, 07-28-37. RHB (RHB, 1938); Upper Boot Canyon, 07-10-82, RSA [needs verification]
<i>Epicauta polingi</i> Werner	North RM Preserve, 07-28-87, UV lite, DH, det: Downie '87; BBNP, 07-20-37 RHB (TAM); RGV, 06-14-73, JS Ashe (TAM); Sloan Wilson Ranch, 04-29-79, WP Foerster (TAM); CS, 3400', VIII-3-2003 + BH, 2130', IV-22-25-2004, UV + RGO, 1960', IV-25-2004 + SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Epicauta segmenta</i> (Say)	[=Macrobasis][=Lytta segmentata LeConte] 67-3, CB at lights, 08-06-37, RHB (RHB, 1938); CM, 08-03-62, CAT; WT lower, 4480-4500', VIII-19-2002, on <i>Solanum</i> , EG&CMR, det EGR, 2005
<i>Epicauta sericans</i> LeConte	Marathon, 08-05-64, HRB & JA (TAM)
<i>Epicauta tenella</i> (LeConte)	CA, 06-01-28, FFB (TAM); CWC, 2100', VIII-1-2003, UV + SEC, 2000', VIU-19-2004, UV, EGR, det EGR, 2005
<i>Epicauta tricolorata</i> (Werner)	[=Pleuropompha] CA, 06-01-28, FFB (TAM); SEC, 2000', VI-19-2004, UV, EGR, det EGR, 2005
<i>Epicauta virgulata</i> (LeConte)	Rosillos Mts. Preserve, 07-27-87, UV lite, D. Heffern, det: Downie '87
<i>Eupompha fissiceps</i> LeConte	10-9, Chisos Pen, 06-14-37, RH Baker, (RHB, 1938); CA, (Dillon, 1952)
<i>Lytta biguttata</i> LeConte	CM, 07/8-14/48, det. RB Selander '54 (TAM)

<i>Lytta cribrata</i> LeConte	HS, 1900', IV-25-2004, on flowers of <i>Chilopsis linearis</i> , EGR, det EGR, 2004
<i>Megetra vittata</i> (LeConte)	Green Valley, Brewster Co. (Selander, 1965)
<i>Nemognatha</i> sp.	Boquillas, 07-23-37, RHB, (RHB, 1938)
<i>Nemognatha nigripennis</i> LeConte	SEC, 2200', IV-23-2004 + PC mouth, 4730', IV-25-2004, EGR, det EGR, 2005
<i>Nemognatha plazata bicolor</i> LeConte	[ident, as <i>N. plazata</i> Fabricius] Prob. BBNP (Enns, 1956)
<i>Phodaga marmorata</i> (Casey)	[= <i>Negalius</i>] Solis Ranch, 06-23-37, RHB (RHB, 1938)
<i>Pyrota fasciata</i> Selander	Rosillos Mts., Buttrill Springm 07-29-87, UV lite, D.Heffern, det: N.Downie '87
<i>Pyrota insulata</i> (LeConte)	[= <i>P. terminata</i> LeConte] 106-5, Johnson's Ranch, at lights, 09-05-37, RHB; BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Pyrota mylabrina</i> Chevrolat	Grapevine Hill Cpgd., 07-11-82, UV lite, RS Anderson
<i>Pyrota palpalis</i> Champion	CS, 3400', VIII-3-2003, EGR, det EGR, 2005
<i>Pyrota punctata</i> Casey	127-1, 08-05-37, RH Baker (TAM); 106-6, Johnson's Ranch at lights, 09-05-37, RHB; 127-5, 08-05-37, RHB; BH, 2130', IV-22-25-2004, UV + SEC, 2200', IV-22-25-2004, UV + RGO, 1960', IV-25-2004, UV, EGR, det EGR, 2005
<i>Zonitis</i> sp.	Marathon, 08-05-64, HRB & JA (TAM)
<i>Zonitis interpretis</i> Enns	[HOLOTYPE] (OSUC) CM, 07-17-46, DJ&JN Knull (Enns, 1956)
ANTHICIDAE	
<i>Anthicus cervinus</i> LaFerte-Senectere	Barker House, 2130', IV-22-2004, at UV + Rio Grande Over., RGO, 1960', IV-25-2004, both EGR, det. Chandler, 2005
<i>Anthicus dilaticollis</i> Champion	Rio Grande Over., RGO, IV-25-2004, 1960', EGR, det. Chandler, 2005
<i>Ischyropalpus nitidulus</i> (LeConte)	[= <i>Ischyropalpus cursor</i> Casey] [= Lappus] 45-11, 07-15-37; 45-12, 07-15-37, RHB; CM, 07-09-36, J.Knull; WT (lower), 4480-4560', VII-19-2002, EG&CMR, det. EGR, 2005; GG, 4900' VIII-2-2003 + Panther Pass, 5450', IV-22-2004 + OS (lower), 3830', IV-23-2004 + Cattail Cyn., 3390', VI-20-2004, all EGR, det EGR & Chandler, 2005
<i>Ischyropalpus obscura</i> (Laferte)	Rosillos Mts., Buttrill Spring, 07-30-87, UV lite, D.Heffern, det: NM Downie
<i>Ischyropalpus subtilissimus</i> (Pic)	Cottonwood Campg., 2100', VIII-1-2003 + Barker House, 2130', IV-22to25-2004 + Rio Grande Ovedr., RGO, 1960', IV25-2004 + SEC, 2000', VI-19-2004, all EGR, det EGR & Chandler, 2005
<i>Lappus tristis</i> (Mannerheim)	[ident. by Baker as <i>Lappus cursor</i> Casey] CB, at lights and on <i>Lippia ligustrina</i> , 07-12-37 & 07-27-37, RHB (RHB, 1938) [placed in Heteroceridae by Arnett]
<i>Leptoremus argenteus</i> Casey	New Texas record – SEC, 2000', VI-19-2004, EGR, det, EGR, 2005
<i>Notoxus apicalis</i> LeConte	[= <i>N. marginatus</i> LeConte] Rio Grande Village, 07-03-72, R.Berry; Rio Grande Village + BC (Chandler, 1982); GG, 07-23-68, JEH, det. DS Chandler '76 (TAM); RGV + BC (Chandler, 1982)
<i>Notoxus calcaratus</i> Horn	CM, 08-25-60, CA Triplehorn; CB, 06-03-69, blacklite, Moore/Berry; BH, 2130', IV22-25-2004, UV + Panther Pass, 5450'; IV-22-2004 + SEC, 3300', IV-23-2004 + Rio Grande Over., 1.5 mi NW RGV, 1960', UV, IV-25-2004 + HS, 1900', IV-25-2004 + Cattail Cyn., lower wash, 3390', vi-20-2004, all EGR, det EGR & Chandler, 2005
<i>Noroxus marginatus</i> LeConte	BH, 2130', IV-22-25-2004 + SEC, 2200' IV-23-2004 + SEC, crossing, VI-19-2004, both EGR, deet. EGR & Chandler, 2005
<i>Rilettius</i> sp. 1	CS, 3400'; VIII-3-2003, EGR, det EGR, 2005

<i>Thambospasta howdeni</i> Werner	[HOLOTYPE, new genus] (CNCI) Boquillas, 1850', 05-23-59, HFH/ECB, det: Werner '74 (Werner, 1974); BH, 2130', IV-22 to 25-2004 + Rio Grande Over., 1.5mi NW RGV, 1960', iv-25-2004, EGR, det., EGR, 2005
<i>Vacusus confinis</i> (LeConte)	BH, 2130', IV-22-25-2004 + Rio Grande Over., 1.5 mi. NW RGV, 1960', IV-25-2004 + SEC, 2000', VI-19-2004, all EGR, det. EGR, & Chandler, 2005
ADERIDAE	
<i>Elonus chisosensis</i> Werner	[HOLOTYPE] CM, vii-9-1948, F. Werner + CB, at light, v-1-1959 & v-29-1959, Howden/Becker (Werener, 1992); GG, 4900', at UV, VIII-2-2003 + LMThead, 5750', at UV, VI-21-2004, both EGR, det EGR, 2005
CERAMBYCIDAE	
<i>Aethecerinus latecinctus</i> (Horn)	2 mi. W CA, 2150', 5/59, HFH, det: Howden '62; 22-23 and 22-22, Solis Ranch on <i>Solanum eleagnifolium</i> , 06-23-37, RHB (RHB, 1938); CA, 06-01-28, FFB (TAM); RGV, 06-08-72, WEC (TAM); Soto Vista, 05-22-83, RSA (TAM)
<i>Aneflomorpha</i> sp.	96-36, CB, 08-25-37, RH Baker, det: Knull '38, and CB, 07-25-37, RHB (RHB, 1938)
<i>Aneflomorpha rectilinear</i> Casey	CM, June, 1959, 1960, JN Knull; CB, 07-25-68, JEH (TAM)
<i>Aneflomorpha seminuda</i> Casey	CM, 06-20-64, JNK; PJ, 07-10-82, RSA (TAM) + K-Bar Cpgd., 07-09-82, RSA (TAM)
<i>Aneflomorpha unispinosa</i> Casey	53-3, CB, 07-18-37, RHB, det: Knull '38 (RHB, 1938)
<i>Aneflomorpha werneri</i> Chemsak	CM, 07-21-38 and 08-03-62, KN Knull; CM, 08-08-62, CA Triplehorn; CM, 09-06-52, B.Malkin; CB, 07-17-56, H&A Howden; CB, 7/8-11/48, 5000', G.Ball + 08-14-69, VVB & JEH (TAM)
<i>Aneflus obscurus</i> (LeConte)	[<i>Axestinus</i>] 9-11; CB, 06-14-37, RHB, & 13-3; CB, 06-19-37, RHB, det: Knull (RHB, 1938)(TAM); CM, June, 1957, '59, '61, JNK; CA, 06-01-28, FFB (TAM); GH, UV Light, 07-11-82, RSA (TAM); KB, 3400', UV light, 06-29-82 & 07-09-82, RSA (TAM); PJ, 07-10-82, RSA (TAM)
<i>Aneflus prolixus fisheri</i> Knull	[= <i>A. fisheri</i>] 68-11, Boquillas, 08-05-37, RHB, det: Knull '38, (RHB, 1938); CS, 3400', VIII-3-2003, EGR, det EGR, 2005
<i>Aneflus protensus</i> <i>protensus</i> (LeConte)	Boquillas, 07-16-68, MLA (TAM); CS, 3400', VIII-3-2003, EGR, det EGR, 2005
<i>Anelaphus m. moestus</i> (LeConte)	[= <i>Anoplum</i>] [= <i>Gymnopsyra</i>] 45-36, 07-15-37, RHB, det: Knull '38; CM, June and July, 1955, '57, '59, '64, '66, DJ & JNK; CB, 07-15-37, RHB (RHB, 1938); BBNP, 03/22-25/1994, S. Lingafelter; CB, 5500', VII-18-2002 + Panther Pass, 5450', VI-19-22-2004, funnel trap + LMThead, 5750', VI-21-2004, UV, all EGR, det EGR, 2005
<i>Anelaphus parallelus</i> (Newman)	[= <i>Elaphidionides parallelus</i>] CB, 05-18-59, lite, H.Howden, det: Howden
<i>Anelaphus piceus</i> (Chemsak)	BH, 2130', IV-22-25-2004, EGR, det EGR, 2005
<i>Anelaphus subinermis</i> Linsley	[HOLOTYPE, male] (CASC) Marathon (Linsley, 1963); K-Bar Cpgd., 3400', UV light, 06-29-82, RSA (TAMU); BBNP, 03/22-25/1994, S. Lingafelter
<i>Anelaphus villosus</i> (Fabricius)	[= <i>Elaphidionoides villosus</i>] CM, 06-16-58, JN Knull
<i>Archodontes melanopus serrulatus</i> (LeConte)	14-2, near Cuesta Blanca, 06-16-37, RHB; also on Suter file list)
<i>Arhopalus asperatus</i> (LeConte)	BBNP, 6/8-9/68, R.Hamilton; BBNP (Linsley, 1962a)
<i>Arhopalus rusticus montanus</i> (LeConte)	[= <i>Criocephalus</i>] CB, 5400-6000', 05-13-59, WRMM, det: Howden '62; BBNP (Linsley, 1962a); [= <i>Arhopalus rusticus obsoletus</i> Randall] 59-14, 07-20-37, + 59-13, 07-26-37 + CB, 07-26-37, RHB (RHB, 1938)
<i>Batyle ignicollis</i> (Say)	CM, 06-20-64, JNK; Lost Mine Trail, 6000-6850', 06-29-82, RSA (TAM)
<i>Batyle suturalis cylindrella</i> Casey	Marathon, 7 mi. S., 08-18-69, VVB & JEH (TAM)

<i>Chrotoma dunniana</i> Casey	BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Coenopoeus palmeri</i> (LeConte)	Panther Jct., 08-16-70 & Pulliam Mtn., 08-17-70, on <i>Opuntia imbricata</i> at night, R.Woodruff (BBNP file)
<i>Coleomethia xanthocollis</i> (Knull)	[= <i>Methia evanifomis</i>] [ALLOTYPE] [PARATYPES] (FMNH) CM, 07-09-36, JNK (Knull, 1937); CM, 06-20-64, JNK; CM, ex <i>Quercus</i> (Linsley, 1962b)
<i>Comacmaeops brunnea</i> (Knull)	[= <i>Brachysomida</i>] [HOLOTYPE] (CNCI) PC, 5000', 05-04-59, on <i>Pinus cembroides</i> Zucc., HFH; [PARATYPE] (CNCI) CB, 5400-6000', 05-04-59, W.Mason; CB, 5-4-59, in pinyon pine, JF MaAlpine (Knull, 1962) CB, 5500', 06-23-61, JNK
<i>Crossidius militaris</i> Bates	CM, 09-20-38, JN Knull
<i>Cyrtinus beckeri</i> Howden	[PARATYPES] (CNCI) PC, 5000', on <i>Acer grandidentatum</i> , 05-10-59; Boot Canyon, 7000', on <i>Acer grandidentatum</i> and <i>Quercus</i> , 05-07-59; Boot Spring, ex <i>Acer grandidentatum</i> , 05-18-58 (all from Howden, 1960)
<i>Dectes texanus</i> LeConte	[= <i>D. spinosus</i> Say] Cottonwood Cpgd., 07/13-14/82, GAP Gibson, det. R. Turnbow (TAM); 22-20, 06-23-37, RHB; SoR at light, 06-23-37, RHB (RHB, 1938)
<i>Derobrachus geminatus</i> LeConte	Cottonwood Cpgd., 07-13-82, UV lite, RSA (TAM); GH, 07-11-82, UV lite, RSA; Boquillas, 06-13-69, J.Robinette; 72-8, BC, 08-11-37, RHB (RHB, 1938); PJ, 7/73, E.Krausman; PJ, 08-23-63, B. Little; CwC, 07-12,13-82, RSA (3) (TAM)
<i>Dorcasta cinerea</i> (Horn)	Cottonwood, Cpgd., sweeping on floodplain, 07/12-13/82, RSA (2), det. JE Wappes '86 (TAM)
<i>Eburia haldemani</i> LeConte	CM, 07-17-46 and 06-22-67, JN Knull
<i>Eburia mutica</i> LeConte	60-30, Oak Creek, 07-27-37 and 06-14-37, RHB, det: Knull [dated 06-19 in MS] (RHB, 1938)
<i>Elaphidion linsleyi</i> Knull	[PARATYPES] (U. Cal. & OSUC) CM, 6-30-57, 6-17-58, 6-27-59, JNK (Knull, 1960b); OC-WT, 5400', 06-24-82, RSA (TAM); CwC, UV light, 07/12-13/82, RSA (TAM); LMThead, 5750', VII-18-2002, UV + PP, 5450', VI-19-22-2004, Lindgren funnel trap, both EGR, det EGR, 2005 (Holotype, Allotype and Paratypes from Davis Mtns.)
<i>Elaphidion mucronatum</i> (Say)	CB, 07-17-56, lite, HFH, det: Howden; 27-10, CB, 06-24-37, RHB, det: Knull '38, and CB, 06-04-37, 07-24-37, 08-07-37, RHB (RHB, 1938)
<i>Elaphidionopsis fasciatipennis</i> Linsley	Rosillos Mts., Buttrill Spr., 07-29-87, DH
<i>Elytroleptus apicalis</i> (LeConte)	CM, 06-16-58, KN Knull; CB on apache plume, <i>Fallugia paradoxa</i> , 06-12-37, RHB (RHB, 1938)
<i>Elytroleptus immaculipennis</i> Knull	[= <i>E. i. obliquus</i> Knull] CM, 07-08-55 and 06-30-57, JN Knull
<i>Elytroleptus rufipennis</i> (LeConte)	CM, 06-19-64, JNK [entry may be questionable]
<i>Enaphalodes atomarius</i> (Drury)	[= <i>Romaleum</i>] CB, 07-17-56, lite, H.Howden; CM, 07-08-55 and 06-23-61, KN Knull; GG, 4900', VIII-2-2003, UV, EGR, det EGR, 2005
<i>Enaphalodes hispicornis</i> Linnaeus	[= <i>E. procerum</i> LeConte] CM, 07-17-46 and 06-27-59, JN Knull
<i>Enaphalodes niveitectus</i> Schaeffer	CM, 07-08-55, JN Knull
<i>Eustromula validum</i> (LeConte)	BH, 2130', IV-22-25-2004, UV, EGR, det EGR, 2005
<i>Eutrichillus neomexicanus</i> (Champlain & Knull)	CB, 5400-6000', 05-25-59, W.Mason, det: Howden '62; CM, 06-30-57 & 06-17-58 & 07-23-62, JNK; LMT, 5750', VI21-2004, EGR, det EGR, 2005
<i>Goes novus</i> Fall	BBNP, 6/8-9/68, R.Hamilton (BBNP file)
<i>Gymnopsyra aspera</i> Knull	[HOLOTYPE, male] (FMNH) {PARATYPE] (FMNH) PJ, 4000', 05-01-59, HFH/ECB CM, 05-01-59, HFH/ECB; [ALLOTYPE] [PARATYPES] (CNCI, FMNH) CB, 05-19-59, HFH/ECB + [PARATYPES] (same dep.) PJ, 4000', 04/29-30/59, HFH/ECB [PARATYPES] (sama dep.) TF, 05-12-59, HFH/ECB, all at light (Knull, 1962)

<i>Gymnopsyra magnipunctata</i> (Knull)	[= <i>Anoplium</i>] CB, 9-24, 06-14-37, RHB (RHB, 1938); CM, June '59,'61,'64, JNK
<i>Haplidus laticeps</i> Knull	CB, 05-03-59, light, Howden/Becker; BBNP, 03/22-25/1994, S. Lingafelter
<i>Heterachthes texanus</i> Linsley	[HOLOTYPE, male] (CASC) CM, Linsley (Linsley, 1963)
<i>Hypexilis pallida</i> Horn	CB, 05-11-59 & 05-19-59, HFH det: HFH '62; 13-9 & 13-8; CB, 06-19-37, RHB + 9-48 & 9-53; CB, 06-14-37, RHB + Boot Springs, 07-07-37, RHB (RHB, 1938); CM, 06-30-57 & 07-17-46 & 07-08-55 & 06-27-57, JNK; GG + CB, F. Hovare (Hovare, 1978 + 5700', 08-14-68, JEH, det. R. Turnbow (TAM); LMThead, 5750', VI-21-2004, EGR, det EGR, 2005
<i>Leptostylus transverses</i> (Gyllenhal)	[= <i>L. tuberculatus</i> Froelich] 33-3, 07-08-37, RHB; CB at lights, 07-08-37, RHB (RHB, 1938)
<i>Liopinus imitans</i> (Knull)	[= <i>Sternidius imitans</i> (Knull)] CM, 07-09-36 & 07-17-46, DJ & JN Knull; EP Trail, 7050', VI-21-2004, EGR, det EGR, 2005
<i>Megacyllene antennata</i> (White)	BBNP, 03/22-25/1994, S. Lingafelter; BH, 2130', IV-22-25-2004, UV + SEC (mouth), 2200', IV-23-2004, both EGR, det EGR, 2005
<i>Methia lata</i> Knull	[HOLOTYPE] (FMNH) CM, 06-30-57, at light, JN Knull (Knull, 1958) (Linsley, 1962b); LMThead, 5750', VII-18-2002, UV, EGR, det EGR, 2005
<i>Methia mormona</i> Linell	9-26, CB, 06-14-37, RHB, det: Knull '38 (RHB, 1938); CM, 06-20-54, JN Knull; CS, 3400'. VIII-3-2003, EGR, det EGR, 2005
<i>Moneilema</i> sp.	CM, 7000', prickly pear, 06-19-67 (TAM); CM, Aug 31-Sep 2 '86, East, Kovarik, Haack (TAM)
<i>Moneilema armatum</i> LeConte	CB, 07-17-56, on cholla, HFH, det: HFH '57; CM, Sept. & 06-23-61 & 07-28-62, JNK; PJ, 08-16-70, R. Woodruff; Pulliam Mtn., 08-16-70, on <i>Opuntia imbricata</i> at night, RLW (BBNP file); CB on cholla, <i>Opuntia</i> sp., 07-18-37 & at night, 08-06-37, RHB (RHB, 1938); TW, 1 mi. W., 08-14-68, JEH (3) (TAM); NM, 2 mi. E., 08-13-68, JEH (2); GG, 4700', 07-24, 25-68, JEH (TAM); CB, 08-15-68 RSA (TAM) + 5400'. 07-10-82 & 06-22-82, RSA (3) (TAM); LMT, 5750', VII-18-2002, EG&CMR, det EGR, 2005
<i>Neanefflus brevispinus</i> Chemsak	CS, 33400', VIII-3-2003, EGR, det EGR, 2005
<i>Neanefflus fuchsi</i> (Wickham)	BBNP, 07-18-37, RH Baker; Panther Jct., 07-18-72, BW Triplehorn
<i>Neoclytus approximates</i> (LeConte)	40-1, South Rim on shrubs, 07-07-37, RHB, det: Knull '38 (RHB, 1938); CM, 06-30-57, JN Knull; LaM trail, 5500-5750', VII-20-2002, EG&CMR, det EGR, 2005
<i>Neoclytus irroratus</i> (LeConte)	CM, 07-08-55, JNK; CB, 07-25-68, JEH (TAM) + 5400' 06-22-82, RSA (TAM); Oak Canyon-Window Trail, 5400', 06-24-82, RSA, det. R. Turnbow (TAM); PP, 5450', IV-19-25-2004, Lindgren funnel trap, EGR, det EGR, 2005
<i>Neoclytus mucronatus</i> (Fabricius)	CM, 07-28-62, KN Knull
<i>Neoclytus torquatus</i> LeConte	CM, 06-27-59, JN Knull
<i>Obrium beckeri</i> Knull	[HOLOTYPE] (FMNH) Tornillo Flat, 3200', 05-20-59, at light, HFH/ECB; [PARATYPES] (CNCI, FMNH) TF, 3200', 5-20-59, HFH/ECB; CM, June '49?, '61, '67, '68, JN Knull + PJ, 05-20-59 & 5/19-28/59, at light, HFH/ECB + 3 mi. N GnS, 05-24-59, at light, HFH/ECB + Oak Sprs., 4000', 05-22-59, at light, HFH/ECB; CB, 06-26-61, 5500', JNK (all Knull, 1962); LMThead, 5750', VI-21-2004, UV, EGR, det EGR, 2005
<i>Obrium constricticollis</i> Schaffer	BBNP (BBNP file list, RSA)
<i>Ochraethes citrinus</i> Chevrolat	CM, 09-19-38, DJ & JN Knull
<i>Oncideres rhodosticta</i> Bates	CB, upper Window Trail, 22-X-2001, TCM (MacRae, 2001 IAR); K-Bar Ranch, 1000m, 09/05-07/88, RSA (TAM)
<i>Parelapheidion aspersum</i> (Haldeman)	[= <i>Elaphidionoides aspersus</i>] CM, July, DJ & JN Knull (1939?)

<i>Placosternus difficilis</i> (Chevrolat)	CA, 09-06-37, RHB (RHB, 1938)
<i>Placosternus erythropus</i> (Chevrolat)	CM, 09-19-38, JN Knull
<i>Plionoma suturalis</i> (LeConte)	[= <i>Sphaenothecus</i>] 22-21, SoR, 06-23-37, RHB, det: Knull '38; 44-6, Gano Spr. on <i>Cephalanthus occidentalis</i> , 07-15-37, RHB (RHB, 1938); BC, 07-16-82, on <i>Prosopis glandulosa</i> , RSA (3)(TAM); TF, 07-14-68, MLA (TAM); HS, 1900', IV-25-2004, EGR, det EGR, 2005
<i>Poliaenus nuevoleonis</i> Chemsak & Linsley	CM, 06-30-57 & 06-26-61, JNK; PC, 5000', 05-10-59, on Graves oak, HFH/ECB
<i>Prionus californicus</i> Motschulsky	GG, 07-03-63, A.W.Smith + UV light, 5700', 07-24-68, JEH (2)(TAM); CB, (9-1) 06-11-37, [06-09 in MS] RHB, det: Knull '38 & 39-4, Boot Springs, 07-23-37 [listed as 06-23 in MS], RHB (RHB, 1938); CB, UV lite, 5400', 06-22-82, RSA (TAM)
<i>Prionus heroicus</i> Semenov	Maple Canyon, 5400', 05/22-25/83, RSA, det. RSA (TAM)
<i>Rhopalophora bicolorella</i> Knull	WT (lower), VII-19-2002, EG&CMR, det EGR, 2005
<i>Rhopalophora meeskei</i> Casey	[= <i>R. longipes meeskei</i> Casey] (Giesbert & Chemsak, 1993) CM, 07-17-46 & 07-08-55 & 07-28-62, JN Knull; on <i>Pinus cembroides</i> (Hovore, F., 1976); WT, 4480-4920', VII-19-2002 + LaM Trail, 5500-5750', VII—20-2002, both EG&CMR; Laguna Meadow Trail, 6500-7000', + Pinnacles Trail, 5900-6900', VI-21-2004, EGR, det EGR, 2005
<i>Rhopalophora rugicollis</i> <i>rugicollis</i> (LeConte)	BBNP, File list (RSA); (Giesbert & Chemsak, 1993)
<i>Sphaenothecus bivittatus</i> (Dupont)	CA, nr Cottonwood Cpgd., 23-X-2001, TCM (MacRae, 2001 IAR); HS, 1900', IV-25-2004, EGR, det EGR, 2005
<i>Stenaspis solitaria</i> (Say)	CB, 07-17-56 & 07-18-56, on mesquite, H.Howden; CB, 07-25-63, J.Condit; 42-26, CB, 07-11-37, RHB + CB on <i>Acacia greggii</i> , 07-02-37 & 08-07-37 + Lower Blue Creek, 07-29-37, RHB (RHB, 1938)
<i>Stenelytrana gigas</i> (LeConte)	[= <i>Leptura gigas</i>] CM, 06-09-39 & 06-27-59, JN Knull; BBNP, 06/08-09/68, R. Hamilton; (Linsley, 1976)
<i>Stenosphenus sobrius</i> (Newman)	[= <i>S. texanus</i> Knull] [PARATYPES] (OSUC) CM,, 7-9-36, DJ & JN Knull; [= <i>S. piceus</i> Knull] [PARATYPES] (OSUC) CM, 07-17-46, & DJ&JN Knull (both Knull, 1946); CM (Lindsley, 1963) (Newman, 1840) (Giesbert & Chemsak, 1989)
<i>Strangalia sexnotata</i> Haldeman	[= <i>S. texana</i> Casey] 29-1, Laguna on <i>Asclepiodora decumbens</i> , 06-14-37, RHB & 24-1 & 25-2, LJS on milkweed, <i>Asclepiodora decumbens</i> and on <i>Fallugia paradoxa</i> , 06-24-37, RHB, and UJS on thistle, <i>Cirsium undulatum</i> var. <i>megacephalum</i> , 07-24-37, RHB (RHB, 1938); CM, June '46, '57, '59 July '55, '62, JNK; CB, 07-14-50, Ray Smith; 06-08, 09-68, R. Hamilton; CB, 07-24-68, JEH (TAM); CB, 06-22-82, RSA (TAM); Oak Cyn.-WT, 5400', 06-24-82, (7) (TAM), det. JE Wappes; LMT, 6000-6850', 06-29-82, RSA, det. R. Turnbow (TAM); EP, 7050', VI-21-2004, EGR, det EGR, 2005
<i>Tetraopes discoideus</i> LeConte	CM, 07-28-62, JNK; LaM Trail, 5500-6500', VIII-2-2003, on <i>Asclepias</i> , EGR, det EGR, 2005
<i>Tetraopes femoratus</i> LeConte	CM, 07-17-46, JN Knull
<i>Tetraopes linsleyi</i> Chemsak	CM, 06-30-57, JN Knull
<i>Trachyderes mandibularis</i> (Serville)	[= <i>Dendrobias m. reductus</i> Casey] [= <i>D. m. virens casey</i>] 07-12, CB, 07-15-37, RHB; 39-1, Persimmon Gap, 07-03-37, RHB (RHB, 1938); CM, 07-17-46, JNK; (Linsley, 1926b)
<i>Tragidion auripenne</i> Casey	[= <i>T. annulatum</i> LeConte] 99-10, Lost Mine Peak on <i>Pinus edulis</i> , 06-17-37, RHB, det: Knull '38 (RHB, 1938); CM, 09-19-38 & 06-27-59 & 06-30-57, JNK
<i>Tylcus hartwegi</i> (White)	PP, 5450', IV-22-25-2004, Lindgrfen funnel trap, EGR, det EGR, 2005 [“rare species, first BBNP collection” EGR]
<i>Tylosis jimenezi</i> Duges	Shown on distribution map, Sanchez & MacKay, 1993.
<i>Tylosis maculatus</i> LeConte	CM, 07-28-62, JNK; CA, 06-01-28, FFB; LMT, 6000-6850', 07-15-82, det. R. Turnbow (7); Cottonwood Cpgd., sweeping on floodplain, 07/12-13/82, RSA (TAM); CB, 22-x-2001, TCM (MacRae, 2001 IAR);

<i>Tylosis oculatus</i> LeConte	Shown on distribution map, Sanchez & MacKay, 1993. [But hasnot yet been collected in BBNP]
BRUCHIDAE	[in Chrysomelidae of some authors] [follows Kingsolver in Arnett, 2002]
<i>Acanthoscelides</i> sp.	BBNP, reared from pods of <i>Astragalus mollissimus</i> Torr. (Clark, WE, BBNP file report)
<i>Acanthoscelides alboscuteallatus</i> (Horn)	1 mi. W. The Window, 08-14-68, JEH, det. CD Johnson '65 (TAM)
<i>Acanthoscelides biustulus</i> (Fall)	South Rim, 08-16-68, JEH, det. CD Johnson, '73 (TAM)
<i>Acanthoscelides chiricahuae</i> (Fall)	GG, 06-08-72, WEC, det. CD Johnson '73 (TAM); Terlingua, 2.3 mi. E., 05-31-73, GCG & WEC, ex pods of <i>Mimosa biuncifera</i> var. <i>lindheimeri</i> , det. CD Johnson, '73 (TAM)
<i>Acanthoscelides fumatus</i> (Schaeffer)	SRT, 08-15-69, VVB & JEH, det. CD Johnson '71 (TAM) + 6700-7200', 08-16-68, JEH, det. CD Johnson '71 (TAM)
<i>Acanthoscelides pusillimus</i> (Sharp)	SRT, 6700-7200', 08-16-68, JEH, det. CD Johnson '81 (TAM) + 08-15-69, VVB & JEH, det. CDJ '81 (TAM)
<i>Acanthoscelides subaequalis</i> Johnson	[PARATYPE] (CUIC) "Brewster Co., 3 mi. NE Hot Springs", 07-15-41 (Johnson, 1970)
<i>Algarobius prosopis</i> (LeConte)	BBNP, 07-16-68, MLA, det. JD Johnson '73 (TAM) + 07-23-37, RHB, det. Bott. '59 (TAM)
<i>Merobruchus julianus</i> (Horn)	[= <i>Bruchus</i>] GG, 07-24-68, JEH, det. CD Johnson '71 (TAM); RR, on <i>Lippia ligustrina</i> , (61-45) 07-27-37, RHB (TAM) + 07-01-72, J. Wappes (TAM); (61-45), RR, 07-27-37, RHB= ; FS, from castor bean bush, 06-21-37, RHB (RHB, 1938)
<i>Merobruchus major</i> (Fall)	51 mi. S. Alpine, 06-07-72, WEC, ex seeds of <i>Acacia roemeriana</i> (TAM)
<i>Mimosestes acaciastes</i> Kingsolver & Johnson	[PARATYPE] (TAMU) Marathon, 37 mi. s., 06-09-72, WEC, det. CD Johnson; CM, 07-14-41, WF Barr + 07/12-16/41, BE White; CB, 08-15-68, JEH (Kingsolver & Johnson, 1978); SRT, 08/14-15/69, VVB
<i>Mimosestes amicus</i> (Horn)	[= <i>Bruchus</i>] 22-72, Solis Ranch from seeds, 06-23-37, RHB (RHB, 1938)
<i>Mimosestes nubigens</i> (Motschulsky)	BBNP, 12/68, ex <i>Acacia farnesiana</i> , HM Breendett (Kingsolver & Johnson, 1978); Boquillas Crossing, 05-07-56, ex <i>Acacia farnesiana</i> , LJ Bottimer (Kingsolver & Johnson, 1978)
<i>Sennius discolor</i> (Horn)	BBNP, 04-06-56 & 05-15-59, LJ Bottimer (Johnson. 1973)
<i>Stator limbatus</i> (Horn)	"Big Bend", 01-20-31, RB Latimore, ex <i>Acacia greggii</i> A.Gray (Johnson & Kingsolver, 1976); Alpine, 51 mi. S., 06-07-72, WEC, ex <i>Acacia roemeriana</i> Scheele (Johnson & Kingsolver, 1976)
<i>Stator pruininus</i> (Horn)	[= <i>Bruchus</i>] NM, 2 mi. E., 08-13-68, JEH, det. CDJ (TAM); 143, 07-23-37, RHB + Gano Spr. on <i>Cephalanthus occidentalis</i> , 06-15-37 + CB, on <i>Lippia ligustrina</i> , 07-15-37 + at tank near LM on <i>Salix taxifolia</i> , 07-02-37, RHB (RHB, 1938); Terlingua, 02-10-26, LJB, ex <i>Acacia schottii</i> Torr. + CB, 04-29-59, LJB, ex <i>A. vernicosa</i> Standl. (Johnson & Kingsolver, 1976)
<i>Stator vachelliae</i> Bottimer	Host study, Pellmyr; RGV, IX-14-92, 1850 ft., ex <i>Acacia farnesina</i> , CDJ (Johnson & Siemens, 1995)
CHRYSOMELIDAE	[includes Bruchidae of some authors]
<i>Acalymma blandulum</i> (LeConte)	Poss. BBNP (Munroe & Smith, 1980)
<i>Acalymma trivittatum</i> (Mannerheim)	Poss. BBNP (Munroe & Smith, 1980)
<i>Altica</i> sp.	SRT, 6700-7200', 08-16-68, JEH, det. EG Riley, '90 (TAM)
<i>Altica foliacea</i> LeConte	SEC, 8/13-16/74, A.Gilbert, det: Seeno '75; 31-40, 07-02-37, RH Baker
<i>Altica oblitterata</i> LeConte	45-14, 07-15-37 & 26-24, 06-28-37 & 26-15, 06-28-37, RH Baker

<i>Anisostena cyanea</i> Staines	CM, below Basin area, X-7-82, E.G. Riley + CB, 6/19/68, M.L. Allender (Staines, 1994)
<i>Anisostena perspicua</i> (Horn)	BBNP, 23-VI-1947 + Grapevine Hills Cpgd., 3100 ft., 27-VI-1982 + GG, 5300 ft., 8-V-1959 + PC, 5100 ft., 5-VI-1970 + PC, 7-VIII-1968 (all citations from Staines, 1994)
<i>Anomoea n. nitidicollis</i> Schaeffer	[identified as <i>Antipus</i>] [= <i>Anomoea laticlavata</i> (Forst.)] 25-68, 06-23-37, RHB; 18-5, 06-12-37, RHB; 25-69, 06-28-37 + 25-67, 06-23-37, RHB (TAM); CB, 06-19-68, MLA (2)(TAM); GG, 07-23-68, JEH (TAM); CB, 07-02-78 + GG, 07-02-78 + Laguna Meadow, 07-03-78, all R. Turnbow
<i>Asphaera lustrans</i> (Crotch)	Rosillos Mts., BuS, 07-30-87, DH, det: Heffern '87; GG, 08-14-68, VVB & JEH (TAM) + 5700', 08-04-68, JEH (TAM); CM, below Basin area, 10-07-82, EGR, det. EGR, 2005
<i>Babia quadriguttata</i> (Olivier)	[= <i>B. pulla</i>] BBNP, 6-15-37, RHB
<i>Babia tetraspilota texana</i> Schaeffer	[= <i>B. tetraspilota</i> LeConte] SEC, 8/13-16/74, A.Gilbert, det: Gilbert '74; RGV, 06-08-72, WEC (TAM); (16-2 & 16-1) 06-15-37, RHB; Gov't Sprs., 07-05-86, J.Heraty (TAM)
<i>Bassaricus brunnipes</i> (Olivier)	Pulliam Mtn., 08-16-70, 6000', at night, R.Woodruff (BBNP file); [poss. Mis-ID, Riley, pers. corr.]
<i>Blepharida rhois</i> (Forster)	26-14, 06-28-37, RH Baker; GG, 06-08-72, WEC (TAM) + 4700', 07-24-68, JEH (TAM)
<i>Brachycoryna</i> <i>melshimeri</i> (Crotch)	CM, July 18 (Staines, 1986)
<i>Brachypnoea lecontei</i> Riley, Clark, & Seeno	[= <i>Nodonota tristis</i> Olivier] CB area, 8/13-16/74, A.Gilbert, det: Gilbert '75; SR + Green Valley, 9 mi. S. Marathon (Schultz, 1970)
<i>Calligrapha dislocata</i> (Rogers)	SEC area, 8/13-16/74, A.Gilbert, det: Gilbert '74; Rio Grande Village, 10-07-82, ex <i>Sphaeralcea</i> , EG Riley, det. EGR, 2005
<i>Calligrapha serpentina</i> (Rogers)	SEC area, 8/13-16/74, ex <i>Sphaeralcea</i> , A.Gilbert, det: Gilbert '74; RGV, 10-07-82, on <i>Sphaeralcea</i> EG Riley, det. EGR, 2005
<i>Calligrapha wickhami</i> Bowditch	CB area, 8/13-16/74, A.Gilbert, det: Gilbert '74; SRT, 08-15-69, VVB & JEH, det. EG Riley '87 (TAM)
<i>Chaetocnema</i> sp.	Gov't Sprs., 07-05-86, J.Heraty (TAM)
<i>Charidotella emarginata</i> Boheman	5 mi. W Panther Jct., 8/13-16/74, A.Gilbert, det: Gilbert
<i>Charidotella sexpunctata</i> (Fabricius)	Rio Grande Village, 07-03-78, R. Turnbow (TAM)
<i>Chrysochus autatus</i> (Fabricius)	Green Valley, 9 mi. S Marathon (Schultz, 1970)
<i>Coleorozena</i> sp. nr. <i>pilatei</i> Lacordaire	[= <i>Euryscopa</i>] JF MacDonald, det. RE White '92
<i>Coleorozena pilatei</i> (Lacordaire)	[= <i>Euryscopa parvula</i> Jac.] 48-33, 07-02-37, RH Baker
<i>Coleorozena vittata</i> (LeConte)	[= <i>Euryscopa vittata</i>] 48-32, 07-02-37, RH Baker
<i>Coscinoptera aeneipennis</i> (LeConte)	25-8 & 25-66, 06-23-37, RHB; 1 mi. N. Park boundary, 07-02-78, R Turnbow
<i>Cryptocephalus</i> sp. nr. <i>tinctus</i> LeConte	GG, 08-15-68, JEH (TAM)
<i>Cryptocephalus amatus</i> Haldeman	GG, 06-03-70, CW O'Brien, det. JB Karren '71 (TAM)
<i>Cryptocephalus</i> <i>brunneovittatus</i> Schaeffer	GG, 4700', 08-14-68, JEH (TAM)
<i>Cryptocephalus duryi</i> Schaeffer	BBNP, 07-23-37, RHB (TAM), det. EG Riley
<i>Cryptocephalus</i> <i>leucomelas</i> Suffrian	SEC, 8/13-16/74, A.Gilbert, det: Gilbert '74; 143, 07-23-37 + 57-41 & 57-90, 07-22-37, RHB; Boquillas, 07-16-68, MLA (TAM)
<i>Cryptocephalus merus</i> Fall	Panther Jct., 3 mi. W., 05-24-83, RSA (TAM)

<i>Cryptocephalus pinicola</i> Schaeffer	Maple Canyon, 09-09-88, RSA (TAM)
<i>Cryptocephalus simulans</i> <i>conjungens</i> Schaeffer	CB area, 8/13-16/74, A.Gilbert, det: Gilbert '74; GG, 07-26-68, JEH, det. EGR '82 (TAM)
<i>Cryptocephalus spurcus</i> <i>spurcus</i> LeConte	K-Bar, 09/05-07/88, RSA (TAM)
<i>Cryptocephalus</i> <i>triundulatus</i> White	K-Bar, 09/05-07/88, RSA, det. EGR '90 (TAM); road to BC, 07-04-78, JE Wappes, det EGR
<i>Deloyala</i> sp.	SEC area, 8/13-16/74, A.Gilbert, det: Gilbert '75
<i>Diabrotica longicornis</i> (Say)	Marathon, 08-05-64, HRB & JA (2)(TAM)
<i>Diabrotica</i> <i>undecimpunctata</i> <i>howardi</i> Barber	57-41, 07-22-37, RH Baker; 26-25, 06-28-37, RH Baker
<i>Diachus auratus</i> (Fabricius)	SRT, 08-15-69, VVB & JEH (TAM)
<i>Disonycha</i> sp.	57-43, 07-22-37, RH Baker
<i>Disonycha politula</i> Horn	57-30, 07-22-37 & 143, 07-23-37, RH Baker
<i>Disonycha tenuicornis</i> Horn	56-4, 07-29-37, RH Baker
<i>Donacia</i> sp.	Boquillas Beaver Marsh 2 (Lind, OT & CA Bane, 1975)
<i>Epitrix</i> sp.	[sp. not known from US] CM, below Basin area, 10-07-82, det. EGR
<i>Epitrix hirtipennis</i> (Melshiemer)	CB, 07-24-68, JEH, det. EG Riley '90 (TAM); Gov't Sprs., 07-05-86, J. Heraty (TAM)
<i>Exema deserti</i> Pierce	BBNP, 08-14-69, VVB & JEH (TAM); GG, 07-24-68, JEH (TAM); Pine Canyon, 08-07-68, JEH (TAM), det. EGR '90
<i>Exema mormona</i> Karren	Marathon, 07/01-02/16 (Karren, 1966); Marathon, 7 mi. S., VVB & JEH, det. EGR '90 (TAM)
<i>Fidia cana</i> Horn	CM (Schultz, 1970)
<i>Fidia viticida</i> Walsh	BBNP, 6/8-9/68, R.Hamilton (BBNP file); [may be mis-ID (EG Riley, pers. comm.)]
<i>Galerucella</i> sp.	Tornillo Creek (Lind, OT & CA Bane, 1975)
<i>Glyptina</i> sp.	BBNP, 11-11-53, WF Chamberlain; Persimmon Gap, 8 mi. N., 09-24-84, WF Chamberlain, det. EG Riley '90 (TAM)
<i>Gratiana pallidula</i> (Boheman)	SEC, 8/13-16/74, A.Gilbert, det: Gilbert '74
<i>Griburius montezuma</i> (Suffrian)	GG, 5700', 08-14-68, JEH (TAM); CB Cpgd., 07-02-78, R Tornbow, det. EGR
<i>Keithatus blakeae</i> (White)	[= <i>Scelolyperus</i>] [HOLOTYPE, male] (CASC) CM, Big Bend State Park, 7/12-16/41, B.White, det: White [ALLOTYPE] (CASC) same data as holotype [PARATYPES] (NMNH, BMNH, AMNH) same data as holotype (White, 1944); BBNP, 06-19-37, RHB + 07-08-37, RHB, det. EG Riley '90 (TAM); LaM Trail, 07-03-78, JE Wappes; CB Cpgd., 07-02-78, at light, R. Turnbow, det EGR
<i>Labidomera clivicollis</i> (Kirby)	[= <i>L. rogersi</i>] 58-1 & 58-2, 07-26-37, RH Baker
<i>Leptinotarsa collinsi</i> Wilcox	BBNP, AJ Gilbert (BBNP card file)
<i>Luperaltica nitida</i> Wilcox	[HOLOTYPE AND ALLOTYPE] (OSUC) [PARATYPE] (NMNH) CM, 07-17-46, DJ & JN Knull (Wilcox, 1953); GG, 07-24-68, JEH (TAMU), det. EG Riley '90; PC, 08-07-68, JEH, det EGR '90; BBNP 08-14-69, VVB & JEH, det. EGR '90; July 16 to 26, HAW
<i>Luperaltica semiflava</i> (Fall)	CM, 08-01-49, on <i>Gutierrezia microcephala</i> , JL Ward (Wilcox, 1963); CM, Aug31-Sep 2 '86, East, Kovarik, Haack, (TAM), det, EG Riley,

	'90; SRT, 08-16-68, JEH (TAM), det. EGR '90; GG, 08-14-68, JEH (TAM), det EGR '90
<i>Luprea sp.</i>	GG, 07-23 & 24-68, JEH (3)(TAM), det. EG Riley '90
<i>Metachroma sp.</i>	Rio Grande Village, 06-08-72, WEC (2)(TAM), det. EGR '90
<i>Metachroma suturale</i> LeConte	CB, K, Roever + H&A Howden + Howden/Becker; "Green Valley", HW Wenzel; CM, CAT + Knull (Blake, 1970) + 07-04-78, WF Barr; PJ, 3 mi. E., 06-24-71, GH Nelson, det. EGR
<i>Metaparia sp.</i>	CB (Schultz, 1970, MS)
<i>Metrioidea sp.</i>	GG, 5700', 08-03-68, MLA + 5700', 07-25-68, JEH (2)(TAM), det. EG Riley, '90; SRT, 08-15-69, VVB & JEH (TAM), det. EGR '90; PC, 08-07-68 (TAM), det. EGR '90
<i>Metrioidea varicornis</i> (LeConte)	SRT, 08-15-69, VVB & JEH (TAM), det. EG Riley '90; GG, 07-27-68, JEH (TAM), det. EGR '90; BBNP, 08-14-69, VVB & JEH (TAM), det. EGR '90
<i>Neochlamisus</i> <i>scabripennis</i> (Schaeffer)	BBNP, 04-29-79, JA Jackman, det. EGR '90 (TAM)
<i>Neochlamisus velutinus</i> Karren	RGV, 06-08-72, WEC (TAM); Study Butte, 05-04-79, WF Chamberlain, all TAM det. EGR '90
<i>Neolema jacobina</i> (Linell)	[=Lema] BBNP, 6/8-9/68, R.Hamilton (BBNP file)
<i>Octotoma marginicollis</i> Horn	CB area, 8/13-16/74, A.Gilbert, det: Gilbert '75
<i>Omophoita cyanipennis</i> <i>octomaculata</i> (Crotch)	[=Homophoeta aequinocinctalis (Linnaeus)] 143, 07-23-37, RH Baker; Solis Ranch, 08-14-68, JEH (TAM)
<i>Ophraella communa</i> LeSage	CM (LeSage, 1972)
<i>Oulema arizonae</i> (Schaeffer)	[tag appeared as <i>Lina</i>] [orig. det <i>Lema arizonae</i> Schaeffer] 19-63, 06-17-37, RH Baker {may be <i>Plagioderia arizonae</i> , EG Riley, pers. comm..}
<i>Pachybrachis caelatus</i> LeConte	"Green Valley" (prob. GG), CM, July 14, HAW (Fall, 1915)
<i>Pachybrachis contractifrons</i> Fall	Rio Grande Village, 06-08-72, WEC (TAM)
<i>Pachybrachis gracilipes</i> Fall	CM and "Green Valley" (prob. GG), July 9 to 16, HAW (Fall, 1915)
<i>Pachybrachis jacobyi</i> Bowditch	Rio Grande Village, 06-08-72, WEC, det. EGR '89 (TAM)
<i>Pachybrachis laevis</i> Bowditch	CM, July 23, HAW (Fall, 1915)
<i>Pachybrachis longus</i> Bowditch	147, 08-25-37, RH Baker [determined <i>Pachybrachys</i>]; BBNP (file list, WRS)
<i>Pachybrachis macronychus</i> Fall	"Green Valley", July 15 (Fall, 1915)
<i>Pachybrachis mobilis</i> Fall	CM, July 16, HAW (Fall, 1915)
<i>Pachybrachis precarius</i> Fall	CM, July 16, HAW (Fall, 1915)
<i>Pachybrachis spumarius</i> Suffrian	[=P. roboris Fall] "Green Valley" , July 14, HAW (Fall, 1915)
<i>Pachybrachis sonorensis</i> Jacoby	"Green Valley" , CM, July 15, HAW (Fall, 1915)
<i>Pachybrachis turgidicollis</i> Fall	"Green Valley" (prob. GG ?), July 15; CM, July 23 (Fall, 1915); CB, 06-25-63, GH Nelson, det. EGR
<i>Pachybrachis umbraculatus</i> Suffrian	CM, July 10 to 26, HAW (Fall, 1915)
<i>Pachybrachis uncinatus</i> Fall	Rio Grande Village, 06-08-72, WEC (TAM), det. EGR '87

<i>Pachybrachis vau</i> Fall	CM, July 16, HAW (Fall, 1915)
<i>Pachybrachis xantholucans</i> Fall	Glenn Sprs., 08-06-68, JEH (TAM); K-Bar Ranch, 1000m, 09/05-07/88, RSA (TAM)
<i>Paranapiacaba tricincta</i> (Say)	[= <i>Diabrotica</i>] North Rosillos Mts. Preserve, 07-27-87, DH, det: I.Askevold '87; CB area, 8/13-16/74; (61-48), 07-27-37, RHB; CB area, 8/13-16/74, A.Gilbert, det: Gilbert '74; 61-48, 07-27-37, RHB; PrG, 8 mi. N., 09-24-84, WF Chamberlain (TAM); Black Gap, 09-22-84, Chamberlain & Thomas (TAM)
<i>Paria arizonensis</i> Wilcox	CM, below Basin area, 10-07-82, EGR, det. EGR; JC, 08-06-68, JEH (TAM); Maple Canyon, 1645m, 09-09-88, RSA (3)(TAM); LMT, 1890m, 09-09-88, RSA (TAM); GG, 07-23-68 & 08-14-68, JEH (TAM), all (TAM), det. EGR '90
<i>Paria quadriguttata</i> LeConte	North Rosillos Mts. Preserve, 07-28-87, UV Lite, D.Heffern, det: Downie '87; LeConte] (143) 07-23-37, RHB
<i>Pseudoluperus linus</i> Wilcox	CM, 06-23-61, DJ & JN Knull (Wilcox, 1965)
<i>Pseudorthygia nigritarsis</i> Jacoby	CB area. 8/13-16/74, A.Gilbert, det: Gilbert '75; LMT, 09-09-88, RSA, det. EGR '90 (TAM)
<i>Pteleon brevicornis</i> (Jacoby)	[= <i>Malacosoma</i>] CB, 8/13-16/74, A.Gilbert, det: Gilbert '75 ; CB, 07-23-68, JEH, det. EGR '90 (TAM); GG, 4700', 07-24-68, JEH (TAM); PC, 08-07-68, JEH, det. EGR '90 (TAM); (12-15) 06-17-37, RHB
<i>Saxinis apicalis</i> LeConte	CB, 07-18-68, MLA (TAM)
<i>Saxinis omogera chiricahuae</i> Moldenke	Laguna Meadow Trail, 07-03-78, JE Wappes, det. EGR
<i>Saxinis sierramadrensis</i> Moldenke	Marathon, 5 mi. S., 07-02-78, R Turnbow, det. EGR
<i>Spintherophyta exigua</i> Schultz	SoR, 08-14-68, JEH, det. EGR '90 (TAM); Nugent Mt., 2 mi. E. , det. EGR '90 (TAM)
<i>Stenopodius texanus</i> Schaeffer	Rio Grande Village, 8/13-16/74, ex <i>Sphaeralces</i> , AJ & ME Gilbert, det: Gilbert '75
<i>Syphraea</i> sp.	Cattail Falls, 09-09-88, RSA (TAM), det. EGR '90
<i>Systema bitaeniata</i> (LeConte)	143, 07-02-37, RH Baker
<i>Systema sexnotata</i> Fall	(15-14) 06-19-37, RHB (TAM), det. EGR '90
<i>Triarius vittipennis</i> (Horn)	[= <i>Malacosoma</i>] 2-10 & 2-13, 06-10-37, RH Baker
<i>Tymnes metasternalis</i> (Crotch)	North RM Preserve, 07-28-87, DH, det: Downie '87 [ID doubtful, EGR, pers.com.]
<i>Xanthonia dentata</i> Staines	CM, below Basin area, 10-07-82, EG Riley, det. EGR
<i>Xanthonia vagans</i> (LeConte)	Laguna Meadow Trail, 07-03-78, R Turnbow & JE Wappes, det. EGR
<i>Xenochalepus</i> sp.	Laguna Meadow Trail, 07-03-78, JE Wappes, det EGR
<i>Zygogramma tortuosa</i> (Rogers)	12 mi. N Panther Jct., 8/13-16/74, A.Gilbert, det: Gilbert '74
ANTHRIBIDAE	
<i>Euparius subtesselatus</i> Schaeffer	CM, 06-23-61, D.Knull; Oak Spring, 08-22-60, ex polypore fungus, HFH
<i>Ormiscus</i> sp. EGR 15	ca. 1 mi. S Rice Tank, 3060', IV-25-2004 + JC road, 3220', IV-25-2004, all EGR, det. EGR, 2005
<i>Trigonorhinus</i> sp.	PC, 08-07-68, JEH (TAM); CB, 07-23-68, JEH (TAM); SRT, 08-16-68, JEH (TAM)
<i>Trigonorhinus limbatus</i> (Say)	[<i>T. vestitus</i> (LeConte)] CM, July 18 & 23, on sneezeweed?, J.Coreen; (Valentine, 1998)

ATTELABIDAE	[includes Rhynchitidae]
<i>Attelabus nigripes</i> LeConte	BBNP (RSA List to AVP, 01-05-91)
<i>Eugnamptus</i> <i>pseudonigriventris</i> Hamilton	[HOLOTYPE] BBNP, 05-05-69, FJ Moore & RL Berry + [ALLOTYPE] CM, 05-14-78, AE&DS Lewis + [PARATYPE] PC, 06-05-70, 5100', UV trap, CW O'Brien + [PARATYPE] CB, Apr '63, JB Karren (all Hamilton 1990); LMT, 5760', VII-18-2002, UV, EG&CM Riley; Panther Pass, 5450', IV-22-2004 & IV-24-2004, both EGR, det., EGR, 2005 Prob. BBNP (Hamilton, 1990)
<i>Eugnamptus puncticeps</i> LeConte	
<i>Haplorhynchites eximius</i> (LeConte)	10.7 mi. W Panther Jct., 3650', 06-28-82; GnS Road, 3000', 07-09-82; 12.5 mi. S PJ, 07-16-82; CF, 08-02-82, host probably <i>Viguiera stenoloba</i> ; CA, 10.5 mi. NE; all RSA, BBNP file list; Tenapin Tanks, BBNP, July 15 + CM, June 12,26,30, July 9,17,18,20,21, Aug 10,15 + Green Valley, Brewster Co., July 14 (all Hamilton, 1974); K-Bar, 09-07-88, on <i>Viguiera</i> sp. at night, RSA (BBNP card file)
<i>Haplorhynchites</i> <i>pseudomexicanus</i> Hamilton	[PARATYPE] Marathon, 08-05-64, HRB & JA (TAM);
<i>Himatolabus pubescens</i> (Say)	Laguna Meadow Trail (lower), 5500-6500' VIII-2-2003, EGR, det. EGR, 2005
<i>Involvulus hirsutus</i> (Fabricius)	EP Trail (lower), 7050', VI-21-2004, EGR, det. EGR, 2005
<i>Temnocerus aeratus</i> (Say)	[= <i>Pselaphorhynchites</i>] PC Trailhead, 4700', 07-11-82; MC, 5200', 07-09-82; 5.3 mi. W Panther Jct., 3900', 06-29-82; Oak Canyon - Window Trail, 5400', 06-24-82; LMT, 6000' to 6850', 07-15-82; all RSA (BBNP file list); GG, May 8, (Hamilton 1971)
<i>Temnocerus dilatarostris</i> (Hamilton)	[= <i>Pselaphorhynchites</i>] Maple Canyon, 5200', 07-09-82; Lost Mine Trail, 6000' to 6850', 07-15-82; PC Trailhead, 4700', 07-11-82; all RSA (BBNP file list); [HOLOTYPE AND ALLOTYPE] CM, R&L Hamilton, July 16,18,19 (Hamilton, 1971)
BRENTIDAE	[inc. <i>Apionidae</i>]
<i>Alocentron elutipes</i> (Fall)	[= <i>Apion</i>] Pine Canyon, 5000', beating maple, <i>Acer grandidentatum</i> Nutt. (Kissinger, 1968)
<i>Alocentron fulvotibiale</i> (Wagner)	[= <i>Apion</i>] CM (Kissinger, 1968)
<i>Alocentron solutum</i> (Fall)	[= <i>Apion</i>] Brewster Co.: Rio Grande (Kissinger, 1968)
<i>Chrysapion auctum</i> (Sharp)	Pine Canyon, 5000' (Kissinger, 1968)
<i>Coelocephalapion</i> <i>eriogoni</i> (Fall)	PC, 08-07-1968, J. E. Hafernik, det. Kissinger (TAM)
<i>Coelocephalapion</i> <i>erythropterum</i> (Sharp)	[= <i>Apion</i>] CM (Kissinger, 1968); GG, 06-08-1972, W.E. Clark (TAM)
<i>Coelocephalapion</i> <i>frontellum</i> (Fall)	[= <i>Apion</i>] Tornillo Flat, 3200' + CB (Kissinger, 1968)
<i>Coelocephalapion</i> <i>subornatum</i> (Fall)	GG, 06-08-1972, W.E. Clark, det. Kissinger (TAM)
<i>Coelocephalapion</i> <i>ventricosum</i> (LeConte)	[= <i>Apion</i>] CM + Tornillo Flat, 3200' (Kissinger, 1968)
<i>Fallapion raticum</i> (Kissinger)	South Rim Trail, 6700-7200', 08-16-1968, J.E. Hafernik, det. Kissinger (TAM); SR, 08-14-1968, J.E. Hafernik, det. Kissinger (TAM)
<i>Kissingeria amaurum</i> (Kissinger)	[= <i>Apion</i>] RM, Alamo Spr. Area, 08-05-1991, J.C. Schaffner, det. Kissinger (TAM); South Rim Trail, 6700-7200', 08-16-1968, J.E. Hafernik, det. Kissinger (TAM); GG, 07-23-1968, J.E. Hafernik, det. Kissinger (TAM); CB, 08-03-1963, M. Allender, det. Kissinger (TAM)
<i>Pseudapion disparatum</i> (Sharp)	[= <i>Apion</i>] CB, prob. 08-03-1963, M. Allender, det. Kissinger (TAM)

<i>Trichapion godmani</i> (Wagner)	[=Apion] Boot Sprs., 7000' (Kissinger, 1968)
<i>Trichapion propinquicorne</i> (Fall)	GG, 08-13-1968, J.E. Hafernik, det. Kissinger (TAM)
<i>Trichapion submetallicum</i> (Boheman)	[=Apion] CM (Kissinger, 1968); CB, 08-03-1963, M. Allender, det. Kissinger (TAM)
<i>Trichapion tenuirostrum</i> (Smith)	GG, 07-23-1969, J.E. Hafernik, det. Kissinger (TAM); CB, 08-03-1963, M. Allender, det. Kissinger (TAM)
CURCULIONIDAE	[Includes Rhynchitidae of Anderson] [incl. Scolytidae]
<i>Acalles indigens</i> Fall	Boot Spr., 2134m, 09-07-88 + Colima Trail, 2179m, 09-07-88 + Boot Canyon, 2079m, 09-07-88 + CF Trail, 09-06-88 + OC, 09-08-88, 1463m + CF, 09-06-88, 1310m + Pine Cyn., 09-06-88, 1615m, RSA (BBNP file cards)
<i>Anametis subfusca</i> Fall	Lost Mine Trail, 6000-6850', 07-09-82, RSA, det: RSA '83; Oak Canyon-Window Trail, 5400', 06-24-82, on <i>Xanthocephalus</i> , RSA (BBNP card file)
<i>Anthonomus n.sp. 1</i>	RSA List to AVP, 01-05-91
<i>Anthonomus appositus</i> Fall	K-Bar, 09-07-88, RSA (BBNP file card); jct. TC & Hwy. 118, 2000', VI-20-2004, EGR, det. HRB, 2005
<i>Anthonomus canoides</i> (Fall)	[= <i>Epimechus</i>] SEC, 07-12-82 & Grapevine Hills Cpgd., 07-12-82, RSA; CA, 1.7 mi. NE, 07-14-82, sweeping weeds, RSA (TAM); Boquillas Canyon, ex <i>Baccharis</i> ; all loc. (Clark & Burke, 2005)
<i>Anthonomus decipiens</i> LeConte	GG, 5300' + PC + South Rim Trail (Clark & Burke, 2005); GG, 4400', VI22-2004 + jct. TC & Hwy. 118, 2000', VI-20-2004 + RGO, 1960', VI-20-2004, all EGR, det. HRB
<i>Anthonomus deserticolus</i> Clark & Burke	JC, 4500', VI-5-1970, L. & C. O'Brien; SRT, VIII-15-1969, Board & Hafernik (Clark & Burke, 2005)
<i>Anthonomus heterogenus</i> Dietz	Cottonwood Cpgd., 07-12-82 & Lower Tornillo Creek, 07-16-82 + Lost Mine Trail, 09-08-88, RSA (BBNP card file); CB area, 5500', VII-18-2002, EG& CMR, det. HRB, 2005
<i>Anthonomus leucostictus</i> Dietz	BBNP (Clark, 1990)
<i>Anthonomus quadrigibbus</i> Say	BBNP (Burke & Anderson, 1989)
<i>Anthonomus squamosus</i> LeConte	Barker House, 2130', VII-22 to 25-2004, EGR, det. HRB, 2005
<i>Anthonomus tenuis</i> Fall	Grapevine Hills Cpgd., 06-27-82, RS Anderson
<i>Anthonomus texanus</i> Dietz	Cottonwood Cpgd., on mallows (<i>Sphaeralcea</i>) (develops in fruits), RSA; lower WT, 4480-4560', VII-19-2002 + CB area, 5500', VII-18-2002, EGR & CMR, det. HRB, 2005
<i>Apinocis deplanatus</i> (Casey)	[= <i>Anacentrinus</i>] SEC, 07-12-82, RSA; Cattail Falls, 06-25-82, RSA
<i>Auleutes tuberculatus</i> Dietz	Grapevine Hills Cpgd., 3100', 06-27-82, RSA, det: Anderson '83; MC, 5200', 07-09-82, RSA; Oak Canyon-WT, 5400', 06-24-82, RSA
<i>Centrinopus sp.</i>	GG, 5700', 07-24-68, JEH (TAM)
<i>Ceutorhynchus sp. 1</i>	Lost Mine Trail, 6500', 07-15-82, RS Anderson
<i>Ceutorhynchus sp. 2</i>	Maple Canyon, 5200', 07-09-82, RS Anderson
<i>Ceutorhynchus magnisus</i> Colonnelli	North Rosillos Mnts., BuS, 07-10 to 17-1991, det. Korotyaer (TAM)
<i>Ceutorhynchus numulus</i> Dietz	RSA List to AVP, 01-05-91
<i>Ceutorhynchus sericans</i> LeConte	RSA List to AVP, 01-05-91

<i>Chelonychus stragulus</i> (Fall)	SRT, 6700-7200' , JEH (TAM) (Clark & Burke, 2002b); PT lower, ca. 5900', VI-21-2004, EGR, det EGR, det. HRB, 2005
<i>Cionomimus insolens</i> (Dietz)	Oak Canyon-Window Trail, 5400', 06-24-82, RSA, det: Anderson '83 "Members of this genus breed exclusively in mistletoes (<i>Phoradendron</i> sp.) (See Burke, 1981)
<i>Conophthorus edulis</i> Hopkins	BBNP (Wood, 1982)
<i>Conotrachelus n.sp. 1</i>	Boot Cyn, & Emory Peak Trail, 2070m, 09-07-88, RSA (BBNP card file)
<i>Conotrachelus buchanani</i> Schoof	RSA List to AVP, 01-05-91
<i>Conotrachelus ecarinatus</i> Schaeffer	CB, 5500', VII-21-2002 + GG, 4900', VIII-2-2003, UV, both EGR, det HRB, 2005 [First Texas record]
<i>Conotrachelus integer complex sp. 1</i>	RSA List to AVP, 01-05-91
<i>Conotrachelus invadens</i> Fall	8 mi. SE Panther Jct., 06-25-82, RSA; CS, 3400', VIII-3-2003, EGR, det HRB, 2005
<i>Conotrachelus seniculus</i> LeConte	KB Cpgd., 06-29-82, UV lite, RSA, det. ?; BC, 08-06-63, J. Doyen (TAM); Lower PC, 07-15-84, RLW, det. RSA '88 (TAM); SEC, 2000', VI-19-2004, UV, EGR, det HRB, 2005
<i>Cossonus ellipticollis</i> Van Dyke	Cottonwood Campground, 07-12-82, flying, RSA [see C. impressifrons]
<i>Cossonus impressifrons</i> Boheman	Cottonwood Cpgd., 07-12-82, RS Anderson
<i>Crocidema, prob. arizonica</i> Van Dyke	RSA List to AVP, 01-05-91
<i>Curculio sp.</i>	Rosillos Mts., BuS, 07-30-87, UV light, D.Heffern, det: G.Salisbury
<i>Curculio macrodon</i> Chittenden	[= <i>C. ruficristatus</i> Chittenden] (NMNH) CM, Jul 17 HA Wenzel (Chittenden, 1927); Oak Canyon-Window Trail, 5400', 06-27-82, on <i>Quercus</i> , RS Anderson
<i>Curculio monticola</i> (Casey)	Maple Canyon, 5200', 06-29-82, RSA, det: RSA '83; Oak Canyon-WT, 5400', 06-27-82, RSA; LMT, 6000'6850', 07-09-82, RSA; PC Trailhead, 4700', 07-11-82, RSA
<i>Curculio sulcatulus</i> (Casey)	[= <i>C. striatus</i> Chittenden] [HOLOTYPE] (NMNH) CM, Jul 17, HA Wenzel (Chittenden, 1927); Maple Canyon, 5200', 06-29-82, on <i>Quercus</i> sp., RS Anderson, det: RSA '83
<i>Curculio wenzeli</i> Chittenden	[HOLOTYPE, female] [ALLOTYPE] (NMNH) CM, Jul 17, HA Wenzel (Chittenden, 1927); CM, Jul 17, HA Wenzel (Gibson, 1969); Oak Canyon-Window Trail, 5400', 06-24-82, RS Anderson, det: RSA, '83; PC Trailhead, 4700', 07-11-82, RSA
<i>Cylindrocopturus sp.</i>	12 mi. SE Panther Jct., 06-26-82 + LMT, 600-6850 ft., 07-15-82, RSA
<i>Cylindrocopturus adpersus</i> (LeConte)	1.7 mi. NE CA, RS Anderson
<i>Cylindrocopturus binotatus</i> (LeConte)	Oak Canyon-Window Trail, 5400', 06-27-82, RS Anderson
<i>Cylindrocopturus longulus</i> (LeConte)	RSA List to AVP, 01-05-91
<i>Cylindrocopturus mammillatus</i> (LeConte)	1.7 mi. NE CA, RS Anderson
<i>Dendroterus texanus</i> Wood	Juniper Canyon, on <i>Jatropha spathulata</i> , 06-05-70, LB&CW O'Brien (Wood, 1982)
<i>Desmoglyptus arizonicus</i> Casey	Oak Canyon-Window Trail, 06-27-82, RS Anderson
<i>Epimechus curvipes</i> Dietz	CB, 07-23-68, JEH (TAM) + 08-14-68, MLA (TAM); CB, PC (Clark and Burke, 2001 (2002))
<i>Epimechus hesperius</i> Clark & Burke	[PARATYPE] (NMNH) CM, 10-12-VI-1908, Mitchell & Cushman (Clark & Burke, 2001 (2002))
<i>Epimechus signum</i> Clark & Burke	{HOLOTYPE} (CASC) May 4, 1927, J.O. Martin (Clark & Burke, 2001 (2002))

<i>Eurhoptus n.sp. 1</i>	RSA List to AVP, 01-05-91; CB, 5500', VII-21-2002, Berlese, EGR, det EGR, 2005
<i>Geraeus spp.</i>	RSA List to AVP, 01-05-91
<i>Gerstaeckeria turbida</i> (LeConte)	CB, June 16; CM June 16 (O'Brien, 1970)
<i>Gerstaeckeria unicolor</i> Fisher	CB, 06-16,06-16 (O'Brien, 1970)
<i>Hylastes tenuis</i> Eichhoff	"Big Bend" (Wood, 1982)
<i>Hypothenemus californicus</i> Hopkins	BBNP (Wood, 1982)
<i>Ips hoppingi</i> Lanier	BBNP (Wood, 1982)
<i>Laemosaccus spp.</i>	[= <i>L. plagiatus</i> Fabricius] Pine Canyon Trailhead, 4700-5200', 07-11-82, RSA, det: Anderson '83; Lost Mine Trail, 6000-6850', on <i>Quercus</i> sp., RSA; Maple Canyon, 5200', on <i>Quercus</i> sp., RSA [orig. det. <i>L. nephele</i> , but this occurs in the East only, Henperheide, pers. corr.]]
<i>Lepilius n.sp. 1</i>	RSA List to AVP, 01-05-91
<i>Leptopinara n.sp. 1</i>	Maple Canyon (RSA list at TAM)
<i>Leptopinara flemingi</i> Anderson	[HOLOTYPE] (CMNC) Cattail Falls, 1310m, 9-6-88, RSA (Anderson, 1993)
<i>Lignyodes arizonicus</i> (Sleeper)	WT upper, 4500-4920', VII-19-2002 + LaM trail, 5500-5750', VII-20-2002, EG&CMR, det EGR PT middle, 6400', VI-21-2004, EGR, det EGR, 2005
<i>Lignyodes horridulus</i> (Casey)	Lost Mine Trail, 07-09-82 (RSA list (TAM))
<i>Lixus macer</i> LeConte	CB, 07-15-68, VVB & JEH, det. RSA '89 (TAM)
<i>Macrorhoptus sp. 1</i>	RSA List to AVP, 01-05-91
<i>Macrorhoptus sphaeralciae</i> Pierce	Cottonwood Cpgd., on mallows (fruits), 07/12-13/82, RSA
<i>Macroscytalus chisosensis</i> (O'Brien)	[= <i>Rhinanus</i>] [HOLOTYPE & ALLOTYPE] (NMNH) GG, 5300', 26-III-70, L&CW O'Brien in leaves of dead <i>Agave havardiana</i> where it breeds; [PARATYPES] (NMNH, TAMU, CWOB) same data, CW O'Brien + MC, 5200', 04-27-52, H. Dybas (O'Brien, 1973)
<i>Merhynchites tricarinatus</i> Green	[HOLOTYPE] (ANSP) CM, July 19, 1911, Wenzel & Green (Green, 1920)
<i>Minyomerus sp. (2 spp.)</i>	Sam Nail Ranch, 06-28-82, RSA; 5.3 mi. W Panther Jct., 06-29-82, RSA; GG, 08-14-68, JEH, det. RSA (TAM)
<i>Minyomerus conicollis</i> Green	"South of Apine, toward the Chisos Mountains", 07-15-1911, Wenzel & Green (Green, 1920)
<i>Minyomerus laticeps</i> (Casey)	K-Bar, on <i>Larrea divaricata</i> at night, 09/5-7/88, RSA (BBNP file cards); PT lower, 5800', IV-24-2004, EGR, det HRB, 2005
<i>Mitostylus sp.</i>	South Rim Trail, 08-15-69, VVB & JEH (TAM)
<i>Mitostylus setosus</i> (Sharp)	LMT, 6000-6850', 06-29-82, on <i>Viguiera</i> , RSA, det: RSA; OC-Window Trail, 5400', 06-27-82 RSA; PC Trailhead, 4700', on <i>Viguiera</i> , RSA; CB, 5400', 07-10-82, on <i>Viguiera</i> , RSA + GG, 07-23-68, JEH (TAM); GG, 4400', VI-22-2004 + GG, 4900', VIII-2-2003 + Cattail Cyn., 3390'. VI-20-2004, EGR, det EGR & HRB, 2005
<i>Mitostylus tenuis</i> Horn	12.5 mi. SE PJ, 06-23-82, RSA, det: Anderson '83; GH, 3100', 06-23-82, RSA; 8 mi. SE Panther Jct., 06-25-82, RSA
<i>Monarthrum debtigerum</i> (LeConte)	PP, 5450', IV-22-25-2004, tunnel trap, EGR, det EGR, 2005
<i>Myrmex chisosensis</i> Sleeper	[HOLOTYPE, female] (ELSC to be moved to CASC) Mariscal Mtn. (Sleeper, 1954)

<i>Myrmex estriatus</i> (Casey)	WT upper, 4560-4920', VII-19-2002, EGR, det EGR, 2005
<i>Myrmex insignis</i> (Casey)	LMT, 6000-6850', on <i>Viguiera</i> , RSA; Oak Cyn-WT, 5400', 06-24-82, on <i>Viguiera</i> , RSA; PC Trailhead, 4700', on <i>Viguiera</i> , RSA; LaM, 5500-500', VIII-2-2003, EGR, det EGR, 2005
<i>Myrmex marshalli</i> Sleeper	[orig. det. <i>M. uniformis</i> (Champ.)] Cottonwood Cpgd., 07-12-82, RSA
<i>Myrmex ruficornis</i> (Casey)	CM, 18-VII-1911, Wenzel & Green (Green, 1920); RSA List to AVP, 01-05-91
<i>Myrmex semirufus</i> (Green)	[orig. det. <i>M. ruficornis</i> (Casey) Maple Canyon, 5200', on <i>Quercus</i> sp., RSA; Oak Canyon-Window Trail, 5400', 06-24-82, on <i>Quercus</i> , RSA; PC Trailhead, 4700', on <i>Quercus</i> , RSA; CB, 5600', VI-22-2004, EGR, det EGR, 2005
<i>Myrmex ventralis</i> Van Dyke	LMT, 6000-6850', on <i>Xanthocephalus</i> sp., 07-29-82, RSA; OkC-WT, 5400', 06-24-82, RSA; CB, 5400', 07-10-82, RSA + 07-23-68, JEH (TAM); SRT, 6700-7200', 08-16-68, JEH (TAM); CM, Aug 31-Sept 2, '86, East, Kovarik, Haack (TAM); LaM trail lower, 5500-6500', VIII-2-2003, EGR, det EGR, 2005
<i>Naberdia aridulus</i> Burke	18 mi. NE Ruidosa, 08-03-1974, ex seeds of <i>Bernardia obovata</i> ; Langtry, 10-18-1974, (TAM) (Burke & Rector, 1976) (should be found in Park)
<i>Notiodes aeratus</i> (LeConte)	PC, 07-Aug-1968, JE Hafernik (TAM) (Board, 1972); Santa Elena, 2200', 04-May-1959, HFH/ECB (CNCI) (Board, 1972)
<i>Nyssonotus seriatus</i> Casey	Lost Mine Trail, 6000-6850', 07-09-82, RSA; LaM trail, 5500-5750', VII-20-2002, EG&CMR, det EGR, 2005
<i>Ophryastes decipiens</i> LeConte	BBNP, 07-22-1937, RHB, det. Kissinger (TAM)
<i>Ophryastes latirostris</i> LeConte	Marathon (Kissinger, 1970)
<i>Ophryastes ovalis</i> (Pierce)	(cf. Kissinger, D.G., 1970 for Tribe Ophryastini] 12.5 mi. SE Panther Jct., 06-23-82, on <i>Viguiera stenoloba</i> , RSA
<i>Ophryastes pilosus</i> (Davis)	Marathon (Kissinger, 1970)
<i>Ophryastes rotundatus</i> (Champion)	Nugent Mt., 2 mi. E., 08-13-68, JEH, det. DG Kissinger (TAM); Boquillas, 17 mi. N. + CM + Glenn Sprs. (Kissinger, 1970)
<i>Ophryastes simulans</i> (Van Dyke)	SN, 07-15-82, RSA, det: Anderson '83; Oak Cyn.-WT, 5400', 06-27-82, RSA; PCTrailhead, 4700', 07-11-82, on <i>Viguiera</i> sp., RSA
<i>Ophryastes sordidus</i> LeConte	Pine Canyon Trailhead, 4700', 07-11-82, on <i>Viguiera stenoloba</i> , RS Anderson, det: Anderson '83; Oak Canyon-Window Trail, 5400', 06-27-82, on <i>Viguiera</i> , RSA; CM + GnS (Kissinger, 1970)
<i>Ophryastes speciosus</i> LeConte	BBNP, 05-04-81, PW Kovarik, det. PWK '83 (TAM); Glenn Spr. (Kissinger, 1970)
<i>Ophryastes sulcirostris</i> (Say)	Marathon, 7 mi. S., 08-18-69, VVB & JEH, det. DG Kissinger (TAM)
<i>Ophryastes turbinatus</i> (Champion)	12-13 mi. SE Panther Jct., 06-26-82, on <i>Viguiera stenoloba</i> , RSA, det: RSA '83; 2 mi. N. Bone Spr. + Glenn Spr. + Boquillas road + Hackberry Cr. (Kissinger, 1970); BH, 2130', IV-22-25-2004, UV + RGO, 1960', IV-25-2004, EGR, det EGR, 2005
<i>Ophryastes variabilis</i> (Pierce)	13 mi. SE Panther Jct., 06-23-82, on <i>Viguiera stenoloba</i> , RSA; Horse Canyon, Black Gap Res. (Kissinger, 1970)
<i>Ophryastes vittatus</i> (Say)	Marathon, 7 mi. S., 08-18-69, VVB & JEH (TAM)
<i>Pandeleiteinus elytroplanatus</i> Howden	[PARATYPE] (CASC, CNCI, NMNH)Terlingua, May 6, 1927, J.O. Martin (Howden, 1959); GH, ex mesquite, 03-25-70, no coll.,det: O'Brien; OS, 05-06-59, no coll.; BBNP, 04-13-68, SN Oaken, det. RSA '89 (TAM); CwC, IV-01-1995, G. Challet; GH, TC, IV-02-1995, G. Challet; PP, 5450', IV-22-2004 + OS lower, 3830', IV-23-2004 + HS, 1900', IV-25-2004, all EGR, det EGR, 2005
<i>Pandeleiteius cinereus</i> Horn	Sam Nail Ranch, 06-28-82, Anderson/Gibson, det:RSA '83 (TAM); some specimens on sumac flowers; Oak Canyon-WT, 5400', 06-27-82, RSA; MC, 5200', 06-29-82, RSA; CF Trail, 06-25-82, RSA; LMT, 6000-6850', 06-29-82, RSA; 1/4 mi. W. CB, 07-24-68, JEH; GG, 4700', 07-27-68 & 08-13-68, JEH (TAM); BBNP, 06-19-37, RHB (TAM); GG, 4400', VI-22-2004, EGR, det EGR, 2005

<i>Pandeleiteius defectus</i> Green	[HOLOTYPE] (CASC) CM, 07-22-1911, Wenzel & Green (Green, 1920)
<i>Pandeleiteius dentipes</i> Pierce	{HOLOTYPE} (NMNH) Mariscal Mtn. + CM, May, June, July (Pierce, 1913) (Howden, A, 1959); Maple Canyon, 5200', on <i>Quercus</i> sp., 06-29-82 RSA; C F Trail, 06-25-82, on <i>Quercus</i> , RSA; OC-WT Trail, 5400', 06-24-82, on <i>Quercus</i> , RSA; IV-23-2004, EGR, det EGR, 2005
<i>Pandeleiteius rotundicollis</i> Fall	CM (Howden, A., 1959); PP, 5450', IV-22-24-2004 + PT upper, 6700', IV-24-2004, EGR, det EGR, 2005
<i>Pandeleiteius simplarius</i> Fall	[= <i>P. spatulatus</i> Green, 1920] [HOLOTYPE] (ANSP) CM, 07-19-1911, Wenzel & Green (Green, 1920) (Howden, A., 1959); LMT, 6000-6850', 06-29-82 & 07-09-82, on <i>Cercocarpus montanus</i> , RSA, det: RSA '83; OkC-WT, 5400', 06-24-82, on <i>Cercocarpus</i> , RSA; CB, 5400', 07-10-82, on <i>Cercocarpus</i> , RSA, det. RSA '88 (TAM); CM, Aug31-Sep 2, '86, East, Kovarik, Haack (TAM); mostly above 5400', common, EGR, det EGR, 2005
<i>Peltophorus polymites</i> <i>suffuses</i> (Casey)	BC, 07-16-82, RSA; WT upper, 4500-4920', VII-21-2004 + PT middle, ca. 6400', VI-21-2004, EGR, det EGR, 2005
<i>Peritaxia elongate</i> Pierce	CM, 06-10 to 12-1908, Mitchell & Cushman (TAM) (Pierce, 1913)
<i>Phloeosinus serratus</i> (LeConte)	CM, 07-08-55, J.Knull
<i>Pithyophthorus virilis</i> Blackman	BBNP (Wood, 1982)
<i>Plocetes</i> <i>baboquivariensis</i> Sleeper	[= <i>Neotylopterus</i>] BBNP, April 6, 1967 (Clark, 1980)] BBNP (RSA, pers. corr.)
<i>Pseudopithophthorus</i> <i>denticulus</i> Wood	Boot Sprs., on <i>Quercus</i> , 07-20-74, DE Bright (Wood, 1982)
<i>Pseudopityophthorus</i> <i>pruinus</i> (Eichhoff)	CM, 07-08-55, J.Knull
<i>Rhoptobaris</i> sp. 1	RSA List to AVP, 01-05-91
<i>Rhyssomatus ovalis</i> Casey	Grapevine Hills Cpgd., 3100', 06-27-82, UV light, RSA; Cottonwood Cpgd., 07-12-82, on <i>Acacia</i> , larvae mine seedpods RSA; CB, 07-23-68, JEH (TAM); CwC, 2100', VIII-1-2003, + GG, 4900', VIII-2-2003, EGR, det EGR, 2005
<i>Rhyssomatus parvulus</i> Casey	RSA List to AVP, 01-05-91
<i>Rhyssomatus pruinus</i> (Boheman)	Rosillos Mts., Buttrill Spring, 07-30-87, UV light, D.Heffern, det: G.Salisbury
<i>Sapotes longipilis</i> Van Dyke	RGO, 1960', IV-25-2004, EGR, det HRB, 2005
<i>Sapotes puncticollis</i> Casey	KB, in <i>Larrea divaricata</i> at night, 09-05-88 + road to CF trailhead, on <i>Atriplex canescens</i> , 09-09-88, RSA (BBNP card file)
<i>Scaphomorphus</i> <i>modestus</i> (Mannerheim)	[= <i>Cleonis</i>][<i>Cleonidius</i>] BBNP (File list & pers. corr., RSA)
<i>Scaphomorphus</i> <i>quadrilineatus</i> (Chevrolat)	[= <i>Cleonis</i>] [= <i>Cleonidius</i>] Lost Mine Trail, 6000-6850', on <i>Cercocarpus montanus</i> , 06-29-82, RS Anderson
<i>Scaphomorphus texanus</i> (LeConte)	[= <i>Cleonis</i> = <i>Cleonus</i>][<i>Cleonidius</i>] Oak Canyon-Window Trail, 5400', 06-27-82 & Lost Mine Trail, 6000-6850', 06-29-82, on <i>Cercocarpus montanus</i> , RS Anderson
<i>Scyphophorus</i> <i>acupunctatus</i> Gyllenhal	25-12, 06-23-37, RH Baker
<i>Sibinia caseyi</i> Clark	GG (Clark, 1978)
<i>Sibinia fulva</i> (LeConte)	[= <i>Itchus</i>] GG + Pine Canyon + Boquillas + Glenn Sprs, 5 mi. N. + Boot Spr. + Oak Spr. + Persimmon Gap + Panther Jct. (Clark, 1978); ex <i>Acacia greggii</i> Gray, <i>A. roemeriana</i> Scheele (Clark, 1972 BBNP file report)
<i>Sibinia hispida</i> (Casey)	[= <i>Microtychius</i>] CM + GG (Clark, 1978); ex <i>Mimosa biuncifera</i> Benth. Clark, (1972, BBNP file report)

<i>Sibinia inermis</i> (Casey)	SRT, 6700-7200', 08-16-68, JEH (TAM); road to CB + upper Basin + CB + GG + PC + Boquillas (Clark, 1978); CF, 4040', IV-20-2004 + widespread, EGR, det EGR, 2005
<i>Sibinia setosa</i> (LeConte)	[= <i>Microtychius</i>] BC + GG + HS + Oak Spr. + PJ, 3 mi. W. and 5 mi. N + RGV + SoR (Clark, 1978); ex <i>Prosopis glandulosa</i> Torr. (Clark, 1972 BBNP file report)
<i>Sibinia sibirionoides</i> (Casey)	GG, 06-08-72, WEC, det. WEC '75 (TAM); GG + CB + Panther Jct. (Clark, 1978); ex <i>Mimosa biuncifera</i> Benth. (Clark, 1972 BBNP file report)
<i>Sibinia simplex</i> (Casey)	GG, 06-08-72, WEC, det. WEC '75 (TAM); CB + TF + GG + Glenn Sprs. + Nugent Mt., 2 mi.E. + RGV + road to Basin + JC + PJ, 5 mi. N. + PC (Clark, 1978); ex <i>Acacia constricta</i> Benth., <i>A. vernicosa</i> (Clark, 1972 BBNP file report)
<i>Sibinia suturalis</i> (Schaeffer)	GG, 06-08-72, WEC (TAM) + 4700', 07-25-68, JEH (TAM) + 4700', 08-13-68, MLA (TAM); GG + CM (Clark, 1978); ex <i>Mimosa biuncifera</i> Benth. (Clark, WE, 1972 BBNP file report); WT lower, 4480-4560', VII-19-2002, EG&CMR, det EGR, 2005
<i>Sibinia transversa</i> (Casey)	GG, 06-08-72, WEC (TAM); CB + GH, 2.5 mi. SW + JC + GG + SEC (Clark, 1978); ex <i>Acacia greggii</i> Gray, <i>A. roemeriana</i> Scheele (Clark, 1972 file report); WT, 4480-4920', VII-19-2002 + CF, 4040', VI-20-2004, EGR, det EGR, 2005
<i>Sibinia variegata</i> (Casey)	BBNP, ex <i>Acacia constricta</i> Benth., <i>A. vernicosa</i> Standl. (Clark, WE, 1972 BBNP file report); CB + GG + Nugent Mt., 2 mi. E. + Oak Spr. + Pine Canyon + RGV + SRT (Clark, 1978); WT, 08-15-68, MLA (TAM); CB, 08-15-68, JEH (TAM); SR, 08-15-69, VVB & JEH (TAM); Nugent Mt., 2 mi. E., 08-13-68, JEH (TAM); GG, 08-14-68, JEH (TAM); WT upper, 4500-4920', VII-19-2002, EGR, det EGR, 2005 BBNP (RSA, BBNP file)
<i>Sitona californius</i> Fahraeus	
<i>Smicronyx humilis</i> (Dietz)	North Rosillos Mts. Preserve, 07-27-87, UV lite, D.Heffern, det: G.Salisbury; RM., BuS, 07-30-87, UV light, D.Heffern
<i>Smicronyx profusus</i> Casey	Maple Cyn., on pinyon pine, 9/5-7/88, RSA (BBNP file cards)
<i>Smicronyx pusio</i> LeConte	RGO, 1960', IV-25-2004 + HS, 1900', IV-25-2004, both EGR, det HRB, 2005
<i>Smicronyx spretus</i> Dietz	CM, July 17-19 (Anderson, 1962); widespread from BH, 2100' to EP trail, 7400', April to August, EGR, det HRB, 2005
<i>Sphenophorus coesifrons</i> Gyllenhal	RSA List to AVP, 01-05-91
<i>Trichobaris texana</i> LeConte	Marathon, 13 mi. S., 07-04-68, JEH (TAM)
<i>Tychius soltau</i> Casey	[= <i>T. hirsutus</i> Clark] PJ, 3 mi. W., 05-24-83 (RSA file list) (TAM); BBNP, reared on pods of <i>Astragalus mollissimus</i> Torr. (Clark, WE, 1972, BBNP file report)
<i>Yuccaborus frontalis</i> (LeConte)	CB, 07-03-59, in Yucca, RSA; CB, 5500', VII-18-2002 + BH, 2130', IV-22-25-2003, both EGR, det EGR, 2005
HYMENOPTERA	
ARGIDAE	
<i>Neoptilia malvacearum</i> (Cockerell)	[orig. det. <i>Sterictiphora</i>] Solis Ranch (22-83), 06-23-37, RHB, det. H. Ross '38
CERAPHRONIDAE	
<i>Species #1</i>	Gov't Sprs., 3000', 07-05-86, J. Heraty H86502 (TAM)(2) + Panther Jct., W. at Paint Gap Rd., 07-06-86, J. Heraty H86603 (TAM) + Oak Canyon-Window Trail, 5000', 07-04-86 H86403, Heraty (TAM)(3)
BRACONIDAE	
<i>Acrophasmus</i> sp. 1	BuS, Ri, 6/10-19/91: det. RAW (report to Park)
<i>Adelius</i> sp. 1	BuS, Ri, 7/17/91: det. RAW (report to Park)

<i>Adelius</i> sp. 2	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Adelius</i> sp. 3	BuS, Ri, 6/10-19/91, 7/10-19/91: det. RAW (report to Park)
<i>Agathirisia nigricauda</i> (Viereck)	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Agathirisia testacea</i> (Muesebeck)	BuL, MS, 10/3-6/91: det. RAW (report to Park)
<i>Agathis discolor</i> (Cresson)	BuS, Ri, 7/10-19/91; RMS, GrG, 8/5/91: det. RAW (report to Park)
<i>Agathis gibbosus</i> (Say)	Buttrill Spr., CaS, 10/23/90; RMS, GrG, 4/24/91, 8/5/91; NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Aleiodes</i> sp. 3	CrS, 2/16-3/4/91, 3/17-21/92: det. RAW (report to Park)
<i>Aleiodes</i> sp. 4	E.BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Aleiodes</i> sp. 5	AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Aleiodes</i> sp. 6	Mt. Lodge near Buttrill Sp., MS, 9/21/90, 7/10-21/91: det. RAW (report to Park)
<i>Aleiodes</i> sp. 7	E.BuS, Ri, 4/8-23/91; BuL, MS, 7/10-21/91; AS & CaS, 10/3/91; BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Aleiodes</i> sp. 8	BuL, AS, 3/18-21/92: det. RAW (report to Park)
<i>Aleiodes</i> sp. 9	E. BuS, Ri, 3/22-4/8/91; BuS, Ri, 2/16-3/4/91; 3/17-21/92: det. RAW (report to Park)
<i>Aleiodes</i> sp. 10	Mt. Lodge near Buttrill Sp., Mariola Scrub, 10/22/90, Coll. No. BB90/009, G. Zolnerowich: det. RAW (report to Park)
<i>Aleiodes</i> sp. 12	NRM, AS & CaS, 7/13/91; AS & CaS, 10/3/91; 9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Aleiodes</i> sp. 13	BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Aleiodes</i> sp. 14	Buttrill Spr., Canyon Scrub, 10/23/90, coll. no. BB90/010, G. Zolnerowich: det. RAW (report to Park)
<i>Aleiodes cameronii</i> (Dalla Torre)	E.BuS, Ri, 3/22-4/8/91; BuS, Ri, 3/22-4/8/91 + CaS, 4/23-25/91; AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Aleiodes cameroni</i> (Dalla Torre)	BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Aleiodes carinatus</i> (Ashmead)	Buttrill Sp., MS, 9/22/90; BuL, MS, 10/23/90: det. RAW (report to Park)
<i>Aleiodes ferrugineus</i> Enderlein	Mt. Lodge near Buttrill Sp., MS, 9/21/90; NRM, AS & CaS, 7/13/91 + Mes, 10/4/91; RMS, GrG, 8/5/91; AS & CaS, 10/3-5/91; CrS, 9/22/91: det. RAW (report to Park)
<i>Aleiodes graphicus</i> (Cresson)	AG, 3/21/92: det. RAW (report to Park)
<i>Aleiodes molestus</i> (Cresson)	Mt. Lodge near Buttrill Sp., Mariola Scrub, 9/21/90, Coll. No. BB90/005, G. Zolnerowich & R. Cecora: det. RAW (report to Park)
<i>Aleiodes scrutator</i> (Say)	Mt. Lodge near BuS, MS, 10/22/90; E. BuS, Ri, 2/16-3/4/91; AS & CaS, 10/3/91; BuS, Ri, 7/17/91, 3/17-21/91; CrS, 3/17-21/92; 9PD, Mes, 3/17-21/92; AS, 3/17-21/92: det. RAW (report to Park)
<i>Aleiodes scrutator</i> (Say)	BuL, MS, 10/22/90, 7/10-21/91; BuS, CaS, 10/23/90 + Ri, 3/4-22/91, 7/10-19/91, 3/17-21/92; E. BuS, Ri, 2/16-3/4/91, 3/22-4/8/91, 4/8-23/91; CrS, 2/16-3/4/91; AS & CaS, 10/3/91; ASp, 7/10-21/91: det. RAW (report to Park)
<i>Aleiodes simillimus</i> (Ashmead)	BuL, MS, 3/18-21/92: det. RAW (report to Park)
<i>Allorhogas</i> sp. 1	NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
<i>Anapryxia</i> sp. 1	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)

<i>Apanteles</i> sp. 1	E. BuS, Ri, 2/16-3/4/91, 3/22-4/8/91, 4/8-23/91, 10/4-5/91; BuS, Ri, 3/22-4/8/91, 6/15-17/91; NRM, AS, 10/4/91; ASp, 7/10-21/91; Mo, 3/17-21/92; 9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 2	BuS, Ri, 3/4-22/91, 3/22-4/8/91; TC, Ri & AS, 6/16/91; NRM, OW & CaS, 6/17/91 + AS, 10/4/91; Mo, 3/17-21/92; AS, 3/17-21/92; BuL, MS, 3/18-21/92 + AS, 3/18-21/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 3	E. BuS, Ri, 3/4-22/91; NRM, Mo, 8/4/91 + AS, 10/4/91; BuL, MS, 10/3-5/91; AS, 10/3-5/91; Mo, 3/20/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 4	BuS, CaS, 6/15-18/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 5	NRM, OW & CaS, 6/17/91; BuS, Ri, 6/15-17/91, 7/10-19/91; AS, 3/17-21/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 6	BuS, Ri, 3/4-22/91, 3/22-4/8/91, 7/10-19/91, 3/17-21/92; 9PD, Mes, 8/4-6/91, 3/17-21/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 7	TrC, Ri & AS, 6/16/91; NRM, OW & CaS, 6/17/91; AS, 3/21/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 8	TrC, Ri & AS, 6/16/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 9	E. BuS, Ri, 3/4-22/91; BuL, MS, 10/3-5/91; NRM, AS, 10/4/91 + Mes. 10/4/91; Mix, 10/4/91; Mo, 3/20/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 10	BuS, CaS, 6/15-18/91 + Ri, 7/10-19/91, 6/10-19/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 11	RMS, GrG, 2/1/91; BuS, Ri, 3/4-22/91; BuL, MS, 10/3-5/91: det. RAW
<i>Apanteles</i> sp. 12	RMS, MS & GrG, 6/16/91; CrS, 3/17-21/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 13	CrS, 3/19/92: det. RAW (report to Park)
<i>Apanteles</i> sp. 14	AS, 10/3-5/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 15	RMS, GrG, 4/24/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 16	E. BuS, Ri, 3/22-4/8/91; BuS, Ri, 6/15-17/91; 7/10-14/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 17	BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 18	CrS, 4/8-23/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 19	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 20	CrS, 4/8-23/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 21	Mix, 10/3-5/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 22	ASp, 7/10-21/91; BuS, Ri, 7/17/91, 7/10-21/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 23	BuS, Ri, 7/10-19/91; NRM, Mo, 8/4-5/92; Mix, 10/3-5/91: det. RAW (report to Park)
<i>Apanteles</i> sp. 24	E. BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Aphaereta pallipes</i> (Say)	BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Aphidius</i> sp. 1	E. BuS, Ri, 2/16-3/4/91: det. RAW (report to Park)
<i>Aphidius</i> sp. 2	BuL, MS, 3/18-21/92; RM, SDG, 3/21/92: det. RAW (report to Park)
<i>Aspilota</i> sp. 1	E. BuS, Ri, 4/8-23/91: det. RAW (report to Park)

<i>Aspilota sp. 2</i>	E. BuS, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Aspilota sp. 3</i>	RMS, GrG, 8/5/91: det. RAW (report to Park)
<i>Aspilota sp. 4</i>	BuS, Ri, 3/4-22/91; RMS, GrG, 8/5/91: det. RAW (report to Park)
<i>Aspilota sp. 5</i>	BuL, MS, 3/18-21/92: det. RAW (report to Park)
<i>Aspilota sp. 6</i>	BuL, AS, 3/18-21/92: det. RAW (report to Park)
<i>Aspilota sp. 7</i>	BuS, Ri, 3/17-21/92: det. RAW (report to Park)
<i>Aspilota sp. 8</i>	BuS, Ri, 3/17-21/92: det. RAW (report to Park)
<i>Aspilota sp. 9</i>	BuS, Ri, 2/16-3/4/91, 3/4-22-91, 3/17-21/92; E. BuS, Ri, 3/4-22/91, 4/8-23/91; 9PD, Mes, 3/17-21/92; AS, 3/18-21/92: det. RAW (report to Park)
<i>Aspilota sp. 10</i>	BuS, Ri, 3/4-22-91: det. RAW (report to Park)
<i>Aspilota sp. 11</i>	BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Atanycolus sp. 1</i>	BuS, CaS, 4/23-25/91: det. RAW (report to Park)
<i>Atanycolus rugosiventris</i> (Ashmead)	Oak Cr. (7-8), 06-13-37, RHB, det. Muesbeck
<i>Blacus sp. 1</i>	AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Blacus sp. 2</i>	E. BuS, Ri, 3/22-4/8/91; BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Blacus sp. 3</i>	E. BuS, Ri, 3/4-22/91; BuS, Ri, 7/17/91, 3/20-21/92: det. RAW (report to Park)
<i>Blacus sp. 4</i>	BuS, AS & Ri, 6/14-17/91: det. RAW (report to Park)
<i>Bracon sp. 1</i>	NRM, AS, 10/4/91; BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Bracon sp. 2</i>	NRM, 7/10-19/91 + AS, 10/4/91 + Mes, 10/4/91 + Mix, 3/21/92; BuS, CS, 8/4-6/91 + Ri, 6/15-17/91, 10/4-5/91; RMS, GrG, 8/5/91; Mo, 3/20/92; AG, 3/21/92: det. RAW (report to Park)
<i>Bracon sp. 3</i>	BuS, Ri, 3/22-4/8/91, 7/10-19/91 + CaS, 8/4-6/91; RMS, GrG, 4/24/91, 6/16/91, 8/5/91: det. RAW (report to Park)
<i>Bracon sp. 4</i>	NRM, Mo, 8/4/91 + SDG, 3/21/92; BuS, CaS, 8/4-6/91; BuL, AS, 3/18-21/92; CrS, 3/19/92; Mo, 3/20/92; MS, 3/21/92: det. RAW (report to Park)
<i>Bracon sp. 5</i>	BuS, CaS, 8/4-6/91 + Ri, 3/17-21/92: det. RAW (report to Park)
<i>Bracon sp. 6</i>	Buttrill Sp., CaS, 9/22/90, 9/23/90, 3/22-4/8/91, 4/23/91, 6/15-18/91; NRM, AS, 10/4/91 + Mes, 10/4/91 + SDG, 3/21/92; Mo, 3/20/92: det. RAW (report to Park)
<i>Bracon sp. 7</i>	BuS, Ri, 6/15-17/91: det. RAW (report to Park)
<i>Bracon sp. 8</i>	E. BuS, Ri, 2/16-3/4/91, 3/4-22/91; BuS, Ri, 3/17-21/92: det. RAW (report to Park)
<i>Bracon sp. 9</i>	E. BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Bracon sp. 10</i>	BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Bracon sp. 11</i>	NRM, Mo, 8/4/91: det. RAW (report to Park)
<i>Bracon sp. 12</i>	BuS, Ri, 6/15-17-91: det. RAW (report to Park)

<i>Bracon sp. 13</i>	TrC, Ri & AS, 6/16/91: det. RAW (report to Park)
<i>Bracon sp. 14</i>	BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Bracon sp. 15</i>	Buttrill Sp., Canyon Scrub, 9/22/90, Coll. No. BB90/007, G. Zolnerowich: det. RAW (report to Park)
<i>Bracon sp. 16</i>	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Cardiochiles sp. 2</i>	BuS, CaS, 4/23-25/91; 9PD, Mes, 8/4-6/91, 3/17-21/92; AS, 3/18-21/92: det. RAW (report to Park)
<i>Cardiochiles sp. 3</i>	9PD, Mes, 8/4-6/91; AS, 10/3-5/91: det. RAW (report to Park)
<i>Cardiochiles sp. 4</i>	AS, 10/3-5/91: det. RAW (report to Park)
<i>Cardiochiles sp. 5</i>	BuS, Ri, 3/22-4/8/91, 6/10-19/91 + CaS, 8/4-6/91; TC, Ri & AS, 6/16/91; BuL, MS, 10/3-5/91; Mix + Mo, 10/3-5/91; AS, 10/3-5/91, 3/18-21/92; 9PD, 3/17-21/92: det. RAW (report to Park)
<i>Cardiochiles sp. 6</i>	E.BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Chelonus sp. 1</i>	BuS, Ri, 3/22-4/8/91 + CaS, 8/4-6/91; NRM, AS, 10/4/91 + Mes, 10/4/91; AS, 3/18-21/92; CrS, 3/19/92; MS, 3/21/92: det. RAW (report to Park)
<i>Chelonus sp. 2</i>	RMS, GrG, 4/24/91, 8/5/91: det. RAW (report to Park)
<i>Chelonus sp. 3</i>	RMS, GrG, 4/24/91 + MS & GrG, 6/16/91: det. RAW (report to Park)
<i>Chelonus sp. 4</i>	TrC, SDG, 6/16/91: det. RAW (report to Park)
<i>Chelonus sp. 5</i>	MS, 3/17-21/92: det. RAW (report to Park)
<i>Chelonus sp. 6</i>	BuS, CaS, 4/23-25/91: det. RAW (report to Park)
<i>Chelonus sp. 7</i>	BuS, CaS, 8/4-6/91 + Ri, 6/10-19/91, 7/10-21/91: det. RAW (report to Park)
<i>Chelonus sp. 8</i>	BuS, Ri, 6/10-19/91: det. RAW (report to Park)
<i>Chelonus sp. 9</i>	RMS, GrG, 4/24/91, 8/5/91: det. RAW (report to Park)
<i>Chelonus sp. 10</i>	BuS, Ri, 2/16-3/4/91, 3/22-4/8/91, 7/10-19/91 + CaS, 8/4-6/91; E.BuS, Ri, 4/8-23/91; TC, Ri & AS, 6/16/91; RMS, MS & GrG, 6/16/91; NRM, 7/10-19/91 + AS, 10/4/91; AS & CaS, 10/4-5/91; MS, 3/17-21/92; AS, 3/18-21/92: det. RAW (report to Park)
<i>Chelonus sp. 11</i>	RMS, GrG, 6/16/91 + MS & GrG, 6/16/91: det. RAW (report to Park)
<i>Chelonus sp. 12</i>	BuS, CaS, 8/4-6/91 + Ri, 3/17-21/92; AS, 3/17-21/92: det. RAW (report to Park)
<i>Chelonus sp. 13</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Chelonus sp. 14</i>	NRM, Mes, 10/4/91; ASp, 7/10-21/91: det. RAW (report to Park)
<i>Chelonus sp. 15</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Chelonus sp. 16</i>	BuS, CaS, 8/4-6/91: det. RAW (report to Park)
<i>Chelonus sp. 17</i>	BuS, Ri, 3/22-4/8/91 + CaS, 6/15-18/91: det. RAW (report to Park)
<i>Chelonus sp. 18</i>	BuS, Ri, 3/4-22-91 + CaS, 8/4-6/91: det. RAW (report to Park)
<i>Chelonus sp. 19</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)

<i>Chelonus sp. 20</i>	BuS, Ri, 6/15-17/91, 10/4-5/91: det. RAW (report to Park)
<i>Chelonus sp. 21</i>	BuS, Ri, 3/4-22-91, 3/22-4/8/91, 6/10-19/91, 7/10-19/91, 10/4-5/91, 3/17-21/92 + CaS, 4/23-25/91, 6/15-18/91, 8/4-6/91; TrC, Ri & AS, 6/16/91; NRM, OW & CS + AS & SDG, 6/17/91; CrS, 4/8-23/91: det. RAW (report to Park)
<i>Chelonus sp. 22</i>	RMS, GrG, 6/16/91: det. RAW (report to Park)
<i>Chelonus sp. 23</i>	BuS, CaS, 4/23-25/91: det. RAW (report to Park)
<i>Chorebus sp. 1</i>	BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Chorebus sp. 2</i>	E.BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Chorebus sp. 3</i>	CrS, 2/16-3/4/91, 3/17-21/92; E.BuS, Ri, 3/22-4/8/91; AS, 3/17-21/92; BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Clinocentrus sp. 1</i>	NRM, AS & CaS, 7/13/91: det. RAW
<i>Clinocentrus sp. 2</i>	BuS, Ri, 3/22-4/8/91, 7/10-19/91 + CaS, 4/23-25/91; TC, Ri & AS, 6/16/91; 9PD, Mes. 3/17-21/92: det. RAW (report to Park)
<i>Clinocentrus sp. 3</i>	BuS, Ri, 2/16-3/4/91: det. RAW (report to Park)
<i>Clinocentrus sp. 4</i>	E.BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Coccygidium sp. 1</i>	BuL, MS, 10/23/90, 7/10-21/91; NRM, AS & CaS, 7/13/91; BuS, CaS, 8/4-6/91 + Ri, 7/10-19/91; AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Cotesia sp. 1</i>	BuS, Ri, 3/4-22-91, 7/10-19/91; NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Cotesia sp. 2</i>	NRM, 7/17/91; 9PD, Mes. 3/17-21/92: det. RAW (report to Park)
<i>Cotesia sp. 3</i>	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Cotesia sp. 4</i>	Buttrill Spr., CaS, 10/23/90, 8/4-6/91 + Ri, 6/15-17/91, 10/4-5/91, 10/22-23/91; E. BuS, Ri, 4/8-23/91; NRM, AS, 10/4/91 + Mes, 10/4/91 + 7/17/91 + CaS, 3/18-92; 9PD, Mes, 3/17-21/92; BuL, MS, 3/18-21/92: det. RAW (report to Park)
<i>Cremnops sp. 1</i>	NRM, Mes, 10/4/91: det. RAW (report to Park)
<i>Cremnops sp. 2</i>	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Cremnops sp. 3</i>	Mo, 10/3-5/91: det. RAW (report to Park)
<i>Cremnops vulgaris</i> (Cresson)	AS, 10/3-5/91; NRM, AS, 10/4/91; BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Dacnusa sp. 1</i>	MS, 3/17-21/92: det. RAW (report to Park)
<i>Diaeretiella rapae</i> (M'Intosh)	BuS, Ri, 3/4-22-91: det. RAW (report to Park)
<i>Digongaster sp.</i>	Persimmon Gap. Parasitizes pollinator of <i>Yucca torreyi</i> , Pellmyr
<i>Digonogastra sp. 1</i>	BuS, MS & AS, 6/14/91 + Ri, 6/15-17/91: det. RAW (report to Park)
<i>Digonogastra sp. 2</i>	BuL, MS, 7/10-21/91; NRM, AS & CaS, 7/13/91; AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Digonogastra sp. 3</i>	BuS, MS & AS, 6/14/91 + 6/15-27/91: det. RAW (report to Park)
<i>Digonogastra sp. 4</i>	NRM, 7/17/91: det. RAW (report to Park)

<i>Digonogastra</i> sp. 5	BuS, Ri, 3/4-22-91: det. RAW (report to Park)
<i>Digonogastra</i> sp. 6	TrC, Ri & AS, 6/16/91; NRM, 7/17/91: det. RAW (report to Park)
<i>Digonogastra</i> sp. 7	BuL, MS, 7/10-21/91; NRM, 7/17/91: det. RAW (report to Park)
<i>Digonogastra</i> sp. 8	BuL, MS, 7/10-21/91; TC, Ri & AS, 6/16/91; NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
<i>Digonogastra</i> sp. 9	NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
<i>Digonogastra</i> sp. 10	NRM, OW & CaS, 6/17/91; ASp, 7/10-21/91; BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Diospilus</i> sp. 1	BuL, AS, 3/18-21/92 BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Ecphylus</i> sp. 1	BuS, Ri, 3/4-22-91, 7/10-19/91: det. RAW (report to Park)
<i>Ecphylus</i> sp. 2	AS, 3/17-21/92: det. RAW (report to Park)
<i>Euphoriella</i> sp. 1	AS, 3/17-21/92: det. RAW (report to Park)
Genus # 1	BuS, CaS, 6/15/91: det. RAW (report to Park)
Genus # 2	NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
Genus # 3	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
Genus # 4	AS, 3/17-21/92: det. RAW (report to Park)
<i>Glyptapanteles</i> sp. 1	E. BuS, Ri, 3/4-22/91, 4/8-23/91; BuS, Ri, 3/17-21/92; 9PD, Mes, 3/17-21/92; BuL, MS, 3/17-21/92: det. RAW (report to Park)
<i>Glyptapanteles</i> sp. 2	BuS, CaS, 8/4-6/91; 9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Glyptapanteles</i> sp. 3	BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Glyptapanteles</i> sp. 4	Buttrill Spr., CaS, 10/23/90, 8/4-6/91 + Ri, 3/4-22/91, 3/17-21/92; E. BuS, Ri, 3/22-4/8/91; CrS, 2/16-3/4/91, 3/19/92; TrC, Ri & AS, 6/16/91; NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Glyptocolastes</i> sp. 1	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Gnamptodon</i> sp. 1	NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
<i>Gnamptodon</i> sp. 2	BuS, Ri, 3/4-22-91: det. RAW (report to Park)
<i>Habrobracon</i> sp. 2	E. BuS, Ri, 4/8-23/91; RMS, GrG, 4/24/91; CrS, 4/8-23/91: det. RAW (report to Park)
<i>Habrobracon</i> sp. 3	SDG, 4/23/91; NRM, Mo, 8/4-5/91: det. RAW (report to Park)
<i>Habrobracon gelechia</i> (Ashmead)	[orig. det. <i>Microbracon</i>] [lab. <i>Bracon</i>] LM, tank 2 mi. E. (48-11), 05-15-37, RHB: det. Muesebeck. BuS, CaS, IX/90 + Ri, II, III, VI/91; CrS, II, X/91; RMS, GrG, VII/91; TrC, Ri & AS, VI/91; NRM, AS & SDG, VII/91; AS, X/91; Mix, X/91; SDG; Mo: det. RAW
<i>Hecabolus</i> sp. 1	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 1	BuS, CaS, 6/15/91 + Ri, 7/10-17/91; TC, Ri & AS, 6/16/91; NRM, Mo, 8/4/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 2	NRM, 7/10-19/91 + SDG, 3/21/92; AS, 3/17-21/92: det. RAW (report to Park)
<i>Heterospilus</i> sp. 3	BuS, Ri, 7/10-19/91: det. RAW (report to Park)

<i>Heterospilus</i> sp. 4	AG, 3/21/92: det. RAW (report to Park)
<i>Heterospilus</i> sp. 5	E.BuS, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 6	9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Heterospilus</i> sp. 7	BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Heterospilus</i> sp. 9	BuS, Ri, 6/10-19/91, 7/10-19/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 10	NRM, Mes, 10/4/91 + AS, 10/4/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 11	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 12	E.BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Heterospilus</i> sp. 13	BuL, MS, 7/10-21/91; AS, 3/17/21/92: det. RAW (report to Park)
<i>Heterospilus</i> sp. 14	BuS, Ri, 3/4-22/91, 7/10-19/91: det. RAW (report to Park)
<i>Heterospilus prosopidis</i> Viereck	BuS, Ri, 6/10-19/91, 7/10-21/91, 10/4-5/91; NRM, Mes, 10/4/91: det. RAW (report to Park)
<i>Homolobus truncator</i> (Say)	BuL, MS, 10/23/90, 7/10-21/91 + AS, 3/18-21/92; CrS, 2/16-3/4/91, 3/17-21/92; BuS, Ri, 3/22-4/8/91 + CaS, 4/23-25/91; AS & CaS, 10/3/91; AS, 10/3/91, 3/17-21/92: det. RAW (report to Park)
<i>Hormius</i> sp.	GG, 5500', 6/72, AVP, det. Marsh
<i>Hormius</i> sp. 1	AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Hormius</i> sp. 2	AS & CaS, 10/3/91; BuS, Ri, 2/16-3/4/91: det. RAW (report to Park)
<i>Hormius</i> sp. 3	E. BuS, Ri, 3/22-4/8/91, 4/8-23/91; BuS, Ri, 3/22-4/8/91, 6/15-18/91, 7/10-19/91 + CaS, 4/23-25/91; NRM, AS & CaS, 7/13/91; 9PD, Mes, 8/4-6/91, 3/17-21/92; Mo, 3/17-21/92: det. RAW (report to Park)
<i>Hormius</i> sp. 4	Mo, 3/20/92: det. RAW (report to Park)
<i>Hormius</i> sp. 5	TrC, Ri & AS, 6/16/91: det. RAW (report to Park)
<i>Hormius</i> sp. 6	AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Hormius</i> sp. 7	NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
<i>Hormius</i> sp. 8	RMS, RS & GrG, 6/16/91; ASp, 7/10-21/91: det. RAW (report to Park)
<i>Hormius</i> sp. 9	BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Hormius</i> sp. 10	BuL, MS, 7/10-21/91; BuS, Ri, 6/10-19/91: det. RAW (report to Park)
<i>Hormius</i> sp. 11	BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Hormius dispar</i> (Brues)	GG, 5500', 6/72, AVP, det. Marsh
<i>Hymenochaonis delicata</i> (Cresson)	BuS, 8-23-91, RAW (BBNP report)
<i>Illidops</i> sp. 1	AS, 3/18-21/92: det. RAW (report to Park)
<i>Ipbiaulax agrili</i> (Ashmead)	CB (45-28), ex <i>Quercus emoryi</i> , 07-02-37, RHB, det. Muesbeck [listed as July 15 in RHB, 1938]

<i>Leiophron</i> sp. 1	BuS, Ri, 3/22-4/8/91, 6/10-19/91: det. RAW (report to Park)
<i>Leluthia</i> sp. 1	BuS, Ri, 6/15-17/91: det. RAW (report to Park)
<i>Lysiphlebus testaceipes</i> (Cresson)	E. BuS, Ri, 3/4-22/91; BuS, Ri, 10/4-5/91: det. RAW (report to Park)
<i>Macrocentrus</i> <i>ancylivorus</i> Rohwer	Bus, Ri, 3/4-22/91, 6/15-18/91, 7/17/91; AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Meteorus</i> sp. 3	E. BuS, Ri, 3/4-22/91, 3/22-4/8/91; BuL, 7/10-21/91; AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Meteorus</i> sp. 4	Mt. Lodge near Buttrill Spr., MS, 10/22/90; 10/3-6/91; BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Meteorus</i> sp. 5	BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Meteorus laphygmae</i> (Viereck)	E. BuS, Ri, 2/16-3/4/91; BuS, Ri, 2/16-3/4/91, 4/3-22/91, 2/2-16/91, 6/15-18/91, 7/10-19/91, 3/17-21/92 + CaS, 4/23-25/91; BuL, MS, 7/10-21/91; CrS, 3/17-21/92; 9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Meteorus versicolor</i> Wesmael	BuS, Ri, 2/16-3/4/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 1	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 2	BuS, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 3	BuS, Ri, 3/17-21/92: det. RAW (report to Park)
<i>Microctonus</i> sp. 4	BuS, Ri, 2/16-3/4/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 5	RMS, GrG, 4/24/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 6	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 7	E. BuS, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 8	E. BuS, Ri, 3/4-22/91; BuS, Ri, 3/22-4/8/91; BuL, MS, 3/18-21/92; AS, 3/18-21/92: det. RAW (report to Park)
<i>Microctonus</i> sp. 9	BuS, Ri, 2/16-3/4/91, 3/22-4/8/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 10	BuS, Ri, 3/4-22-91: det. RAW (report to Park)
<i>Microctonus</i> sp. 11	BuS, Ri, 3/4-22-91 + CaS, 4/23-25/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 12	BuS, Ri, 3/4-22-91 + CaS, 4/23-25/91: det. RAW (report to Park)
<i>Microctonus</i> sp. 13	E. BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Microplitis</i> sp. 1	Mt. Lodge near Buttrill Spr., MS, 10/22/90, 3/21/92; E.BuS, Ri, 2/16-3/4/91; BuS, Ri, 3/4-22/91, 3/22-4/8/91; Mo, 10/3-5/91, 3/17/21/92; AS, 3/17-21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 2	BuS, Ri, 3/4-22/91, 3/17-21/92; RMS, GrG, 4/24/91; AS, 10/3-5/91, 3/17-21/92; 9PD, Mes, 3/17-21/92; Mo, 3/17-21/92; BuL, MS, 3/17-21/92; MS, 3/21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 3	BuS, Ri, 2/16-3/4/91, 3/4-22/91, 10/4-5/91; NRM, AS, 10/4/91; CrS, 3/17-21/92; AS, 3/17-21/92; BuL, AS, 3/18-21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 4	BuS, Ri, 3/4-22/91, 3/22-4/8/91; E. Bus, Ri, 3/4-22/91; 9PD, Mes, 3/17/21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 5	BuS, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Microplitis</i> sp. 6	9PD, MS & AG, 10/3-6/91; AS, 10/3-5/91: det. RAW (report to Park)

<i>Microplitis</i> sp. 7	AS, 3/17-21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 8	AS, 3/17-21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 9	Bus, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Microplitis</i> sp. 10	BuS, Ri, 2/2-16/91: det. RAW (report to Park)
<i>Microplitis</i> sp. 11	BuS, CaS, 4/23-25/91 + Ri, 3/17-21/92: det. RAW (report to Park)
<i>Microplitis</i> sp. 12	BuS, CaS, 4/23-25/91 + Ri, 7/10-21/91: det. RAW (report to Park)
<i>Microtypus</i> sp. 1	NRM, AS & CaS, 7/13/91; BuS, Ri, 6/15-17/91, 7/17/91: det. RAW (report to Park)
<i>Microtypus</i> sp. 2	BuL, MS, 10/23/90: det. RAW (report to Park)
<i>Microtypus</i> sp. 3	CrS, 2/16-3/4/91; E. BuS, Ri, 3/4-22/91, 3/22-4/8/91, 4/8-23/91: det. RAW (report to Park)
<i>Mirax</i> sp. 1	BuS, CaS, 4/23-25/91, 6/15/91 + Ri, 6/10-19/91: det. RAW (report to Park)
<i>Mirax</i> sp. 2	BuS, Ri, 6/10-19/91: det. RAW (report to Park)
<i>Mirax</i> sp. 3	BuS, Ri, 3/4-22/91, 3/22-4/8/91, 7/10-19/91; TrC, Ri & AS, 6/16/91: det. RAW (report to Park)
<i>Mirax</i> sp. 4	BuS, Ri, 3/17-21/92: det. RAW (report to Park)
<i>Monolexis</i> sp. 1	BuS, Ri, 3/4-22-91: det. RAW (report to Park)
<i>Myosoma</i> sp. 1	TrC, Ri & AS, 6/16/91; NRM, 7/17/91: det. RAW (report to Park)
<i>Myosoma</i> sp. 2	BuS, Ri, 3/4-22-91; E.BuS, Ri, 4/8-23/91: det. RAW (report to Park)
<i>Nealiolus</i> sp. 1	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Nealiolus</i> sp. 2	BuL, MS, 10/3-5/91; NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Odontocolon</i> sp. 1	BuS, Ri, 6/15-17/91: det. RAW (report to Park)
<i>Opius</i> sp. 1	E. BuS, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Opius</i> sp. 2	Mix, 10/3-5/91: det. RAW (report to Park)
<i>Opius</i> sp. 3	BuS, CaS, 8/4-6/91; RMS, GrG, 8/5/91: det. RAW (report to Park)
<i>Opius</i> sp. 4	BuS, CaS, 8/4-6/91: det. RAW (report to Park)
<i>Opius</i> sp. 5	BuS, Ri, 6/15-17/91: det. RAW (report to Park)
<i>Opius</i> sp. 6	AS, 3/17-21/92: det. RAW (report to Park)
<i>Opius</i> sp. 7	BuS, Ri, 6/15-17/91: det. RAW (report to Park)
<i>Opius</i> sp. 8	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Opius</i> sp. 9	Buttrill Spr., CaS, 10/23/90, 8/4-6/91; AS & CaS, 10/3/91: det. RAW (report to Park)
<i>Opius</i> sp. 10	BuS, Ri, 3/20-21/92: det. RAW (report to Park)

<i>Opius</i> sp. 11	BuS, Ri, 6/16-17/91: det. RAW (report to Park)
<i>Opius</i> sp. 12	BuS, Ri, 3/4-22/91, 6/15-17/91; Mo, 3/17-21/92; 9PD, Mes, 3/17-21/92; BuL, AS, 3/18-21/92: det. RAW (report to Park)
<i>Opius</i> sp. 13	BuS, Ri, 3/4-22/91, 3/22-4/8/91, 6/15-17/91; E. BuS, Ri, 3/4-22/91, 4/8-23/91; AS & CaS, 10/3/91; AS, 10/3-5/91: det. RAW (report to Park)
<i>Opius</i> sp. 14	NRM, 7/10-19/91: det. RAW (report to Park)
<i>Opius</i> sp. 15	ASp, 7/10-21/91: det. RAW (report to Park)
<i>Opius</i> sp. 16	BuS, Ri, 3/17-21/92: det. RAW (report to Park)
<i>Opius</i> sp. 17	Bus, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Opius</i> sp. 18	Buttrill Spr., Canyon Scrub, 10/23/90, coll. no. BB90/010, G.Zolnerwich: det. RAW (report to Park)
<i>Opius</i> sp. 19	BuS, Ri, 6/15-17/91: det. RAW (report to Park)
<i>Opius</i> sp. 20	Buttrill Spr., CaS, 10/23/90; BuS, Ri, 3/22-4/8/91; CrS, 2/16-3/4/91; Mo, 3/20/92: det. RAW (report to Park)
<i>Opius</i> sp. 21	NRM, Mo, 8/4-5/91: det. RAW (report to Park)
<i>Opius</i> sp. 22	9PD, Mes, 8/4-6/91: det. RAW (report to Park)
<i>Opius</i> sp. 23	AS, 3/17-21/92: det. RAW (report to Park)
<i>Opius</i> sp. 24	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Opius</i> sp. 25	RMS, GrG, 6/16/91: det. RAW (report to Park)
<i>Opius</i> sp. 26	Bus, Ri, 3/4-22/91: det. RAW (report to Park)
<i>Opius</i> sp. 27	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Opius</i> sp. 29	Mt. Lodge near Buttrill Spr., MS, 10/22/90, 10/3-5/91; CrS, II,III/91; BuS, Ri, III/91, III,IV/91 + CaS, VI/91; NRM, Mo, VIII/91; Mo, X/91, III/92; Mix, X/91, III/92; Mes, III/92; 9PD, Mes, III/92; AS, III/92; AS, III/92; AG, III/92: det. RAW (report to Park)
<i>Opius</i> sp. 30	E. BuS, Ri, 3/22-4/8/91; BuS, Ri, 3/22-4/8/91; NRM, CaS, 3/18/92: det. RAW (report to Park)
<i>Opius</i> sp. 31	BuS, CaS, 6/17/90; + Ri, 3/22-4/8/91, 6/15-17/91: det. RAW (report to Park)
<i>Opius</i> sp. 32	E. BuS, Ri, 3/22-4/8/91; BuS, Ri, 3/20-21/92: det. RAW (report to Park)
<i>Opius</i> sp. 33	NRM, AS, 10/4/91: det. RAW (report to Park)
<i>Opius</i> sp. 34	RMS, GrG, 8/5/91: det. RAW (report to Park)
<i>Orgilus</i> sp.	GG, 5500', 6/72, AVP, det. Marsh
<i>Orgilus</i> sp. 1	ASP, 7/10-21/91; BuS, Ri, 7/10-21/91: det. RAW
<i>Orgilus</i> sp. 2	BuL, AS, 3/18-21/92: det. RAW (report to Park)
<i>Orgilus</i> sp. 3	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Orgilus</i> sp. 4	NRM, Mes, 10/4/91: det. RAW (report to Park)

<i>Orgilus sp. 5</i>	BuS, Ri, 3/4-22/91; E. BuS, Ri, 3/22-4/8/91; AS, 3/17-21/92: det. RAW (report to Park)
<i>Orgilus sp. 6</i>	9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Orgilus sp. 7</i>	Arroyo Scrub, 3/17-21/92: det. RAW (report to Park)
<i>Orgilus sp. 8</i>	E. BuS, Ri, 3/4-22/91, 3/22-4/8/91, 4/8-23/91; BuL, MS, 3/18-21/92: det. RAW (report to Park)
<i>Pambolus sp. 1</i>	BuS, Ri, 3/22-4/8/91: det. RAW (report to Park)
<i>Pambolus sp. 2</i>	NRM, AS & CS, 7/13/91: det. RAW (report to Park)
<i>Pambolus sp. 3</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Parahormius sp. 1</i>	BuL, MS, 7/10-21/91; BuS, CaS, 6/15-18/91 + Ri, 6/10-19/91, 7/10-19/91; TrC, Ri & AS, 6/16/91; NRM, OW & CaS, 6/17/91 + AS & CaS, 7/13/91 + Mo, 8/4/91, 10/4/91 + Mes, 6/17/91; AS & CaS, 10/3-5/91; Mix, 10/3-5/91; 9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Parahormius sp. 2</i>	E. BuS, Ri, 2/16-3/4/91; BuS, Ri, 3/4-22-91, 6/10-19/91 + CaS, 6/15-18/91; RMS, GrG, 4.24.91; BuL, AS, 3/18-21/92; NRM, CaS, 3/18/92: det. RAW (report to Park)
<i>Parahormius sp. 3</i>	BuS, Ri, 3/22-4/8/91, 7/10-19/91 + CaS, 6/15/91; E.BuS, Ri, 4/8-23/91; TC, Ri & AS, 6/16/91; ASp, 7/10-21/91: det. RAW (report to Park)
<i>Parahormius sp. 4</i>	E. BuS, Ri, 2/16-3/4/91; BuS, Ri, 3/4-22/91; NRM, SDG, 3/21/92: det. RAW (report to Park)
<i>Parahormius sp. 5</i>	BuS, Ri, 7/17/91: det. RAW (report to Park)
<i>Parahormius sp. 6</i>	NRM, OW & CaS, 6/17/91 + Mo, 8/4/91; AS & CaS, 10/3/91; BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Parahormius sp. 7</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Parahormius sp. 8</i>	BuS, CaS, 8/4-6/91: det. RAW (report to Park)
<i>Parahormius sp. 9</i>	Buttrill Spr., Canyon Scrub, 10/23/90 + Ri, 7/17/91: det. RAW (report to Park)
<i>Paroligoneurus sp. 1</i>	BuS, Ri, 3/4-22/91, 6/15-18/91, 7/10-21/91, 10/4/91: det. RAW (report to Park)
<i>Pholetesor sp. 1</i>	Mo, 10/3-5/91: det. RAW (report to Park)
<i>Polystenidea sp. 2</i>	BuS, Ri, 3/22-4/8/91 + CaS, 4/23-25/91: det. RAW (report to Park)
<i>Polystenidea sp. 3</i>	NRM, Mosaic, 8/4/91: det. RAW (report to Park)
<i>Polystenidea sp. 4</i>	BuS, CaS, 4/23/91, 6/15/91 + Ri, 6/15-17/91; TC, Ri & AS, 6/16/91; NRM, AS & CaS, 7/13/91 + Mo, 8/4/91 + SDG, 3/21/92; Mo, 3/20/92: det. RAW (report to Park)
<i>Praon sp. 1</i>	RMS, GrG, 2/1/91: det. RAW (report to Park)
<i>Protomicroplitis sp. 1</i>	BuS, Ri, 7/10-21/91: det. RAW (report to Park)
<i>Pseudapanteles sp. 1</i>	E. BuS, Ri, 3/4-22/91, 3/22-4/8/91: det. RAW (report to Park)
<i>Pseudognaptodon sp. 1</i>	BuS, CaS, 5/15/91: det. RAW (report to Park)
<i>Pseudognaptodon sp. 3</i>	BuS, Ri, 6/15-18/91, 10/4-5/91: det. RAW (report to Park)
<i>Rasivalva sp. 1</i>	NRM, AS, 10/4/91; BuS, Ri, 6/10-19/91; CrS, 3/17-21/92; 9PD, Mes, 3/17-21/92: det. RAW (report to Park)
<i>Rhaconotus sp. 1</i>	NRM, AS & SDG, 6/17/91: det. RAW (report to Park)

<i>Rhaconotus sp. 2</i>	BuS, CaS, 6/15/91: det. RAW (report to Park)
<i>Rhaconotus sp. 3</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Rhaconotus sp. 4</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Rhaconotus sp. 5</i>	BuS, Ri, 7/10-19/91: det. RAW (report to Park)
<i>Rhaconotus sp. 6</i>	9PD, MS & AG + Mo 10/3-6/91: det. RAW (report to Park)
<i>Rhaconotus sp. 7</i>	Mo, 3/20/92: det. RAW (report to Park)
<i>Rhaconotus sp. 8</i>	NRM, OW & CaS, 6/17/91: det. RAW (report to Park)
<i>Rhaconotus sp. 9</i>	BuS, CaS, 6/15-18/91 + Ri, 7/10-19/91: det. RAW (report to Park)
<i>Rhaconotus sp. 10</i>	BuS, Ri, 6/15-18/91; TrC, Ri & AS, 6/16/91; Mo, 3/17-21/92: det. RAW (report to Park)
<i>Rhaconotus sp. 12</i>	Buttrill Spr., CaS, 10/23/90, G.Zolnerwich; SDG, 4/23/91: det. RAW (report to Park)
<i>Rhaconotus sp. 13</i>	NRM, AS & SDG, 6/17/91: det. RAW (report to Park)
<i>Rhaconotus sp. 14</i>	AS&CaS, 10/4-5/91: det. RAW (report to Park)
<i>Rhaconotus sp. 15</i>	NRM, SDG & AS, 6/17/91: det. RAW (report to Park)
<i>Rhaconotus sp. 16</i>	BuS, CaS, 6/15/91; NRM, AS & SDG, 6/17/91 + Mo, 8/4/91: det. RAW (report to Park)
<i>Rhaconotus sp. 17</i>	Mix, 10/4/91; BuS, Ri, 7/10-21/91; CrS, 3/17-21/92: det. RAW (report to Park)
<i>Stenocorse sp. 1</i>	E. BuS, Ri, 3/4-22/91; BuS, Ri, 6/15-17/91, 7/10-19/91, 3/17-21/92 + AS & Ri, 6/14-17/91: det. RAW (report to Park)
<i>Stiropius sp. 1</i>	E.BuS, Ri, 2/16-3/4/91: det. JBW
<i>Stiropius sp. 2</i>	BuS, Ri, 2/16-3/4/91: det. RAW
<i>Stiropius sp. 3</i>	BuS, Ri, 2/2-16/91, 6/15-17/91, 3/20-21/92: det. RAW (report to Park)
<i>Syntretus sp. 1</i>	E. BuS, Ri, 2/16-3/4/91: det. RAW (report to Park)
<i>Tetrasphaeropyx sp. 1</i>	AS, 3/17-21/92: det. RAW (report to Park)
<i>Tetrasphaeropyx sp. 2</i>	AS & CaS + AS, 10/3/91: det. RAW (report to Park)
<i>Toxoneuron rubicundum</i> (Mao)	AS, 10/3-5/91: det. RAW (report to Park)
<i>Urosigalphus sp. 1</i>	AS & CaS + AS, 10/3/91; BuL, MS, 10/3-6/91; NRM, AS, 10/4/91 + Mes, 10/4/91 + Mo, 3/20/92; Mo, 10/4/91, 3/20/92; Mix, 10/4/91: det. RAW (report to Park)
<i>Urosigalphus sp. 2</i>	BuS, Ri, 6/15-18/91, 7/17/91, 10/4-5/91; NRM, Oak Woodland & CaS, 6/17/91: det. RAW (report to Park)
<i>Venanides sp. 1</i>	BuL, MS, 10/23/90: det. RAW (report to Park)
<i>Vipio sp. 1</i>	NRM, Mes, 10/4/91: det. RAW (report to Park)
<i>Vipio sp. 2</i>	Mix + Mo, 10/3-5/91; TrC, SDG, 6/16/91: det. RAW (report to Park)
<i>Yelicones delicatus</i> (Cresson)	Glenn Spring (Quicke and Krufft, 1995)

ICHNEUMONIDAE

<i>Anomalon californicum</i> Cresson	Nine Point Draw, 3000', 05-21-59, WRM Mason, det. Mason '62
<i>Campoletis argentifrons</i> (Cresson)	[orig.det. <i>Cryptus</i>] CB, 54-6000', 04-30-59, WRM Mason, det. Mason '62
<i>Centeterus</i> sp.	GG, 5500', 6/72, AVP, det. Carlson
<i>Coccygomimus sanguinipes</i> (Cresson)	[= <i>Pimpla</i>] Panther Junction, 35-4000', 05-16-59, WRM Mason, det. Mason '62
<i>Mesostenus gracilis</i> Cresson	[orig.det. <i>Mesosternus</i>] CB, 54-6000', 05-09-59, WRMM, det. Mason '62 + Nine Point Draw, 3000', 05-15-58, WRM Mason, det. WRMM '62
<i>Mesostenus longicaudis</i> Cresson	Tornillo Flats, 2800', 05-01-59, WRMM, det. Mason '62
<i>Netelia</i> sp.	Oak Spring, 4500', 05-22-59, WRM Mason, det. Mason '62
<i>Netelia pallens occidentalis</i> Townes	Terlingua (Townes, 1938), det. Townes
<i>Orthizema</i> sp.	GG, 5500', 6/72, AVP, det. Carlson

MYMARIDAE

<i>Species</i> #1	WTI, 5000', 07-04-86, J.Heraty H86403 (TAM)(2) + Government Spr., 07-03-86, 3000', Heraty H86301 (TAM)(7)
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TRICHOGRAMMATID AE

<i>Trichogramma</i> sp.	GS, 3000', 07-05-86, Heraty H86502 (TAM)(5) + PJ, (jct. Paint Gap Rd.), 07-06-86, J.Heraty H86603 (TAM)(2)
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EULOPHIDAE

<i>Hemiptarsenus</i> sp.	GG, 5500', 6/72, AVP, det. Burks
<i>Species</i> #x (<i>Elachertini</i>)	Mule Ears Peak Overlook, 07-04-86, J.Heraty H86402 (TAM)
<i>Species</i> #y	"Mule Ears Look.", 07-04-86, J.Heraty H86402 (TAM)(20)

ENCYRTIDAE

<i>Acerophagus</i> sp. 2	BuL, MS, 3/18-21/92: det. JBW
<i>Achalcerinys</i> sp.	N Rosillos, Ri, JBW
<i>Aenasius</i> sp. 1	BuS, CaS, 6/17/90, 10/23/90, BB90/001 + 6/15/91 (GZ) + 6/15-18/91 (GZ & JBW); BuS, Ri, 3/4-22/91 (PW & RAW); RMS, MS & GrG, 6/16/91: det. JBW
<i>Aenasius</i> sp. 3	Buttrill Spr., Ri, II,III,IV/91, 7/10-21/91, 10/4-5/91; 4.95 mi. E. BuS, 3/22-4/23/91; SDG, 4/23/91; BuS, CaS, 6/15-18/91; 9PD, Mes, 3/17-21/92: AS, 3/17-21/92; Mo 3/20/92: det. JBW
<i>Aenasius</i> sp. 7	Buttrill Spr., Riparian, 3/4-22/91, BB90/005, (PW & RAW): det. JBW
<i>Aenasius</i> sp. 12	Buttrill Spr., Ri, 3/22-4/8/91; 4.95 mi. E. BuS, 4/8-23/91; BuS, Canyon Srub, 6/15-18/91; TrC, Ri & AS, 6/16/91; AS, 3/17-21/92: det. JBW
<i>Aenasius</i> sp. 13	Buttrill Spr., Ri, 3/4-22/91 + 7/10-19/91: det. JBW
<i>Agarwalencyrtus</i> sp.	BBNP, 07/06-16/82, GAP Gibson (TAM)
<i>Agarwalencyrtus</i> sp. 3	BuS, Ri, 6/15-18/91 + 7/10-19/91; NRM, OW & CaS, 6/17/91; ASp, 7/10-21/91: det. JBW

<i>Ageniaspis</i> sp. 1	Buttrill Spr., Canyon Scrub, 6/17/90, BB900/033, GZ, det. JBW
<i>Americencyrtus</i> sp. 3	ASp, 7/10-21/91: det. JBW
<i>Anagyrus</i> sp. 2	Buttrill Sp., CaS, 9/22/90, 10/23/90, 6/15-18/91, 8/4-6/91; BuS, Ri, 7/10-19/91; RMS, GrG, 4/24/91, 8/5/91 + MS, 6/16/91; NRM, AS & SDG, 6/17/91; BuL, MS, 3/18-21/92; Mo, 3/20/92: det. JBW
<i>Anagyrus</i> sp. 6	BuS, CaS, 6/15/91; 9PD, Mes, 3/17-21/92: det. JBW
<i>Anagyrus</i> sp. 8	Mo, 3/20/92: det. JBW
<i>Anagyrus</i> sp. 10	Buttrill Sp., Ri, 6/17/90 + 7/17/91: det. JBW
<i>Anagyrus</i> sp. 21	BuS, CaS, 6/15-18/91 (GZ & JBW): det. JBW
<i>Anagyrus</i> sp. 24	Buttrill Spr., Ri, 3/4-22/91; RMS, Grama Grassland, 6/16/91; 9PD, Mes, 3/17-21/92: det. JBW
<i>Anagyrus</i> sp. 30	RMS, GrG, 6/16/91 (JBW): det. JBW
<i>Anagyrus</i> sp. 31	4.95 mi. E. Buttrill Spr., Ri, 3/22-4/8/91; BuS, Ri, 7/10-14/91: det. JBW
<i>Aphycus</i> sp. 7	Buttrill Spr., Ri, 3/22-4/8/91, 6/15-18/91, 7/10-19/91; BuL, MS, 10/4-6/91; Mo, 3/20/92: det. JBW
<i>Apoanagyrus</i> sp. 4	Buttrill Spr., Ri, 3/22-4/8/91, 7/10-19/91, 10/4-5/91; BuS, CaS, 4/23-25/91, 6/15/91; RMS, GrG, 6/16/91; BuL, MS, 10/3-5/91; AS, 3/17-21/92: det. JBW
<i>Apoanagyrus</i> sp. 5	BuS, Riparian, 7/10-21/91: det. JBW
<i>Apoanagyrus</i> sp. 8	RMS, GrG, 6/16/91, 8/5/91: det. JBW
<i>Apoanagyrus</i> sp. 10	BuS, Ri, 10/4-5/91: det. JBW
<i>Apoanagyrus</i> sp. 11	RMS, GrG, 6/16/91 (JBW): det. JBW
<i>Apoanagyrus</i> sp. 12	BuS, CaS, 6/15-18/91 (GZ & JBW): det. JBW
<i>Apoanagyrus</i> sp. 18	Buttrill Sp., Ri, 6/17/90 + 7/10-21/91; BuS, CaS, 6/15-18/91; NRM, AS & SDG, 6/17/91; AS, 3/17-21/92: det. JBW
<i>Apoanagyrus</i> sp. 20	BuS, Canyon Scrub, 6/15-18/91 (GZ & JBW): det. JBW
<i>Apoanagyrus</i> sp. 21	Buttrill Spr., CaS, 4/23-25/91 + 6/15-18/91; BuS, Ri, 7/10-19/91; SDG, 4/23/91; RMS, GrG, 4/24/91, 8/5/91 + MS, 6/16/91; NRM, SDG & ML, 8/4/91: det. JBW
<i>Apoanagyrus</i> sp. 22	Buttrill Spr., Ri, 3/22-4/8/91, 7/10-19/91, 10/4-5/91; BuS, CaS, 4/23-25/91, 6/15-18/91, 8/4-6/91; NRM, AS & SDG, 6/17/91; NRM, AS & CrS, 7/13/91; ECB, CrS, 10/4/91; AS, 3/17-21/92; BuL, MS, 3/18-21/92: det. JBW
<i>Apoanagyrus</i> sp. 24	BuS, CaS, 6/17/90, 9/22/90, 10/23/90 + 4/23/91 + 4/23-25/91 + 6/15/91; BuS, Ri, 6/17/91, 7/10-19/91; SDG, 4/23/91; RMS, MS & GrG, 6/16/91; NRM, AS & SDG, 6/17/91 + SDG & ML, 8/4/91 + Mix, 3/21/92: det. JBW
<i>Apoanagyrus</i> sp. 25	Buttrill Spr., Ri, 3/22-4/8/91 + 7/10-19/91: det. JBW
<i>Avetianella</i> sp. 2	BuS, Ri, 7/10-19/91: det. JBW
<i>Avetianella</i> sp. 4	BuS, Ri, 7/10-19/91: det. JBW
<i>Blastothrix</i> sp. nr. <i>longipennis</i> Howard	BuS, Ri, 6/15-17/91: det. JBW
<i>Bleparys</i> sp. 1	Buttrill Spr., Ri, 3/22-4/8/91 + 6/15/91 + 7/10-21/91, 10/4-5/91; RMS, GrG, 6/16/91 (JBW): det. JBW

<i>Blepyrus</i> sp. 5	BuS, Ri, 10/4-5/91: det. JBW
<i>Bothriothorax</i> sp. 4	4.95 mi. E. BuS, Ri, 3/22-4/8/91, BB90/007; BuS, Ri, 3/22-4/8/91 (PW & RAW); RMS, GrG, 4/24/91: det. JBW
<i>Centencyrtus anser</i> Noyes & Wooley	[HOLOTYPE, female] (NMNH) RM, 1.5 miles SE Buttrill Spr., 5300', GrG, 4/24/91, 5300' (GZ) + [PARATYPES (TAMU), RM, 1.5 miles SE Buttrill Spr., 5300', MS, 5200', 6/16/91, GZ: det. JBW (Noyes & Wooley, 1994)
<i>Cerapterocerus</i> sp. 2	Buttrill Sp., CaS, 9/22/90, 10/23/90, 6/17/90, 4/23-25/91 + 6/15/91 + 6/15-18/91; BuS, Ri, 7/10-19/91; SDG, 4/23/91; RMS, GrG, 6/16/91; NRM, SDG, 3/20/92: det. JBW
<i>Cerapterocerus</i> sp. 4	RMS, GrG, 6/16/91; NRM, SDG, 3/20/92: det. JBW
<i>Ceraproceroideus</i> sp. 5	BuS, CaS, 6/15/91; BuS, Ri, 7/10-19/91: det. JBW
<i>Ceraproceroideus</i> sp. 6	BuS, CaS, 6/15-18/91 (GZ & JBW): det. JBW
<i>Cerchysius</i> sp. 1	Buttrill Spr., Ri, 6/15-18/91, 7/10-21/91; RMS, GrG, 8/5/91: det. JBW
<i>Chalcaspis</i> sp.	Oak Canyon-Window Trail, 7/86, J.Heraty H86403 (TAM)
<i>Charitopus</i> sp. 1	Buttrill Spr., CaS, 6/17/90, 6/15/91; RMS, GrG, 6/16/91, 8/5/91; NRM, AS & SDG, 6/17/91; AS, 3/17-21/92: det. JBW
<i>Cheiloneurus</i> sp. 6	Buttrill Spr., CaS, 10/23/90, BB90/010 (GZ); RMS, GrG, 6/16/91 (JBW): det. JBW
<i>Cheiloneurus</i> sp. 7	Buttrill Spr., Ri, 2/16-3/4/91, 3/22-4/8/91; BuL, MS, 3/18-21/92: det. JBW
<i>Cheiloneurus</i> sp. 9	Buttrill Spr., Ri, 3/22-4/8/91, 6/17/91, 7/10-21/91, 10/4-5/91; BuS, CaS, 4/23-25/91 + 6/15-18/91 + 8/4-6/91; RMS, GrG, 6/16/91, 8/5/91; NRM, AS & SDG, 6/17/91 + SDG & ML, 8/4/91 + Mix, 3/21/92; BuL, MS, 10/2-5/91, 3/18-21/92: det. JBW
<i>Cheiloneurus</i> sp. 15	Buttrill Spr., Riparian, 3/22-4/8/91, BB90/008, (RAW & MW), det. JBW
<i>Cheiloneurus</i> sp. 27	BuS, Ri, 10/4-5/91: det. JBW
<i>Copidosoma</i> sp. 18	4.95 mi. E. Buttrill Spr., Ri, 3/22-4/8/91, BB90/007 (PW & RAW) + 4/8-23/91, /015 det. JBW
<i>Copidosoma celaenae</i> (Howard)	4.95 mi. E. Buttrill Spr., Riparian, 3/22-4/8/91, BB90/007, (PW & RAW), det. JBW
<i>Copidosoma floridanum</i> (Ashmead)	RMS, GrG, 2/1/91; BuS, Ri, II-III/91, 7/10-19/91, 10/4-5/91; 4.95 mi. E. BuS, III-IV/91; BuS, CaS, IV/91; BuL, MS, 10/3-5/91, 3/18-21/92; NRM, SDG & ML, 8/4-5/91 + SDG, 3/21/92; 9PD, Mes & AG, 10/3-6/91; ECB, CrS, 10/4/91; AS, 3/17-21/92: det. JBW
<i>Copidosoma lymani</i> (Howard)	4.95 mi. E. Buttrill Spr., Ri, 3/22-4/8/91 (PW & RAW); RM, SDG, 6/17/91: det. JBW
<i>Discodes</i> sp. 1	RMS, GrG, 6/16/91 (JBW): det. JBW
<i>Discodes</i> sp. 2	Buttrill Spr., CaS, 10/23/90 + BuS, Ri, 3/22/-4/8/91 + 7/10-19/91; 4.95 mi. E. BuS, 4/8-23/91; RMS, GrG, 4/24/91, 8/5/91 + MS, 6/16/91; NRM, AS & SDG, 6/17/91 + SDG, 3/21/92; AS, 3/17-21/92: det. JBW
<i>Ectromatopsis</i> sp. 1	Buttrill Sp., CaS, 9/22/90, BB90/007 (GZ) + 6/15-18/91 GZ & JBW): det. JBW
<i>Epanusia xerophila</i> Btues	Buttrill Sp., CaS, 10/23/90, BB90/010 + 4/23-25/91, /012 (GZ) + 6/15-18/91 (GZ & JBW); SDG, 4/23/91, /011, (GZ): det. JBW
<i>Epiencyrtus</i> sp. 1	BuS, Ri, 7/10-21/91: det. JBW
<i>Forcipestricis</i> sp. 1	Buttrill Spr., Ri, 3/4-22/91, 10/4-5/91: det. JBW
<i>Formicencyrtus</i> sp. 1	BuS, CaS, 6/15-18/91 (GZ & JBW): det. JBW

<i>Formicencyrtus thoreauini</i> Girault	BuS, CaS, 6/15-18/91; BuS, Ri, 7/10-19/91: det. JBW
<i>Genus # 1</i>	BuS, CaS, 4/23-25/91, /014 det. JBW
<i>Genus # 2</i>	BuS, Ri, 7/10-21/91; det. JBW
<i>Genus # 5 sp. 2</i>	BuS, CaS, 6/15-18/91; NRM, AS & SDG, 6/17/91; BuL, MS, 3/18-21/92: det. JBW
<i>Genus #14 Noyes & Woolley</i>	BBNP, 07/09-16/82, GAP Gibson (TAM)
<i>Genus #26 Noyes & Woolley</i>	BBNP, 5200', 07-09-82, GAP Gibson (TAM)
<i>Ginsiana sp. 3</i>	4.95 mi. E. Buttrill Spr., Riparian, 3/4-22/91, BB91/006, (JBW), det. JBW
<i>Ginsiana sp. 4</i>	ASp, 7/10-21/91: det. JBW
<i>Ginsiana sp. 5</i>	RMS, GrG, 4/24/91 (GZ) det. JBW
<i>Gyranusoidea sp. 7</i>	Buttrill Spr., CaS, 7/17/9; BuS, Ri, 7/10-21/91; RMS, GrG, 4/24/91, 8/5/91; NRM, SDG, 3/21/92 + Mix, 3/21/92: det. JBW
<i>Gyranusoidea sp. 8</i>	Buttrill Spr., Ri, 3/22-4/8/91, BB90/008, (RAW & MW); BuS, CaS, 4/23/91, /010 (GZ) + 5/15-18/91 (GZ & JBW): det. JBW
<i>Gyranusoidea sp. 10</i>	NRM, SDG, 6/17/91: det. JBW
<i>Habrolepopteryx sp. 1</i>	NRM, SDG, 3/21/92: det. JBW
<i>Habrolepopteryx sp. 2</i>	RMS, GrG & MS, 6/16/91 + GrG, 8/5/91; BuL, MS, 3/18-21-92; AS, 3/18-21/92; Mo, 3/20/92; NRM, SDG, 3/20/92: det. JBW
<i>Homalotyloidea sp. 2</i>	4.95 mi. E. Buttrill Spr., Ri, 3/22-4/8/91, 10/4-5/91: det. JBW
<i>Homalotyloidea sp. 3</i>	4.95 mi. E. Buttrill Spr., Ri, 3/4-22/91 + 4/8-23/91 (RAW); BuS, Ri, 2/16-3/4/91, 3/22-4/8/91 + 7/10-21/91; BuS, CaS, 4/23/91; NRM, AS & SDG, 6/17/91: det. JBW
<i>Homalotyloidea sp. 4</i>	E.BuS, Ri, 4/8-23/91; BuS, Ri, 7/10-21/91: det. JBW
<i>Homalotylus sp. 1</i>	BuS, Ri, 2/16-3/4/91, 7/10-19/91, 7/17/91, 10/4-5/91: det. JBW
<i>Homalotylus sp. 4</i>	Buttrill Sp., CaS, 6/17/90, 9/22/90; BuS, Ri, 3/22-4/8/91 + 7/10-19/91: det. JBW
<i>Homalotylus sp. 9</i>	RMS, GrG, 4/24/91; BuS, Ri, 3/17-21/92: det. JBW
<i>Homalotylus sp. 11</i>	Buttrill Spr., CaS, 9/22/90, BB90/007 (GZ) + 4/23/91, /010; SDG, 4/23/91, -/011 (GZ), det. JBW
<i>Iceromyia sp. 1</i>	Buttrill Sp., Canyon Scrub, 9/22/90, Coll. No. BB90/007, G. Zolnerowich: det. JBW
<i>Isodromus iceryae</i> Howard	BuS, Ri, 3/20-21/92: det. JBW
<i>Lamennasia sp.</i>	SEC, 07-04-86, J.Heraty H86401 (TAM)
<i>Lamennasia sp. 1</i>	BuS, CaS, 7/17/90; spr. 4.95 mi. E. BuS, Ri, II/91, III/91; BuS, Ri, III/91, VI/91, VII/91, X/91; TrC, Ri & AS, VI/91; NRM, SDG & ML, VIII/91; 9PD, Mes & AG, X/91 + Mes, III/92; ECB, CrS, X/91; ASp, VII/91; AS, III/92, CrS, III/92: det. JBW
<i>Lamennasia sp. 2</i>	BuS, CaS, 4/23-25/91 /014 + 6/15-18/91; 4.95 mi. E. BuS, Ri, 4/8-23/91, 6/15-17/91, 7/10-21/91; TrC, Ri & AS, 6/16/91: det. JBW
<i>Mahencyrtus sp. 1</i>	BuS, CaS, 6/15-18/91 (GZ & JBW); RMS, MS & GrG, 6/16/91: det. JBW
<i>Mayridia sp. 1</i>	Buttrill Spr., Canyon Scrub, 10/23/90, BB90/010 (GZ), det. JBW

<i>Meromyzobia</i> sp. 1	Buttrill Spr., Ri, 6/17/90, 9/22/90, 7/10-21/91; BuS, CaS, 4/23/91 + 6/15-18/91 + 8/4-5/91; SDG, 4/23/91; RMS, GrG, 4/25/91, 6/16/91, 8/5/91 + MS, 6/16/91; NRM, AS & SDG, 6/17/91 + SDG & ML, 8/4/91; + SDG, 3/20/92; AS, 3/18-21/92: det. JBW
<i>Meromyzobia</i> sp. 2	BuS, Ri, 7/10-19/91, 10/4-5/91; BuL, MS, 10/4-6/91; NRM, SDG, 3/21/92: det. JBW
<i>Meromyzobia</i> sp. 9	9PD, Mesquite, 3/17-21/92; NRM, SDG, 3/21/92: det. JBW
<i>Metaphycus</i> sp. 1	Buttrill Spr., CaS, 10/23/90, 4/23-25/91, 6/15-18/91; 4.95 mi. E. BuS, Ri, 3/22-48/91, 4/8-23/91; BuS, Ri, 3/22-4/8/91, 7/10-19/91; RMS, GrG, 4/24/91, 8/5/91 + MS, 6/16/91; BuL, MS, 3/18-21/92: det. JBW
<i>Metaphycus</i> sp. 3	BuS, Ri, 6/15-18/91 (RAW): det. JBW
<i>Metaphycus</i> sp. 6	BuS, Ri, 7/17/91: det. JBW
<i>Metaphycus</i> sp. 8	Buttrill Spr., CaS, 9/22/90; BuS, Ri, III,IV/8/91, VII/91; RMS, GrG, 2/1/91 + 6/16/91; 4.95 E. BuS, Ri, III/91, IV/91; TrC, Ri & AS, 6/16/91; ASp, 7/10-21-91; Mosaic, 3/20/92: det. JBW
<i>Metaphycus</i> sp. 34	Buttrill Spr., CaS, 10/23/90; RMS, GrG, 4/24/91 + MS, 6/16/91; BuL, MS, 3/18-21/92: det. JBW
<i>Metaphycus</i> sp. 35	RMS, GrG, 4/24/91; BuS, Ri, 6/15-18/91, 7/10-19/91; BuL, MS, 10/3-5/91: det. JBW
<i>Metaphycus</i> sp. 36	BuL, MS, 3/18-21/92: det. JBW
<i>Metaphycus</i> sp. 38	RMS, GrG, 6/16/91; BuS, Ri, 6/10-17/91: det. JBW
<i>Metaphycus</i> sp. 39	Buttrill Spr., CaS, 9/22/90; BuS, Ri, 6/15-18/91, 7/10-19/91, 10/4-5/91; RMS, GrG, 6/16/91; ASp, 7/10-21/91: det. JBW
<i>Microterys</i> sp. 4	Buttrill Spr., CaS, 10/23/90, 4/8-25/91, 6/15/91; BuS, Ri, 6/15-17/91, 7/10-19/91; RMS, GrG, 8/5/91: det. JBW
<i>Microterys</i> sp. 7	BuS, CaS, 8/4-6/91: det. JBW
<i>Mucencyrtus</i> sp. 1	Buttrill Spr., CaS, 7/17/90, BB90/068 (JBW); RMS, GrG, 6/16/91 (JBW): det. JBW
<i>Mucencyrtus</i> sp. 3	Semi-Desert Grassland, 4/23/91; BuS, CaS, 4/23-25/91, 6/15/91; BuS, Ri, 6/15-18/91 + 7/10-21/91; RMS, GrG, 6/16/91: det. JBW
<i>Mucencyrtus</i> sp. 4	RMS, GrG & MS, 6/16/91: det. JBW
<i>Neocharitopus</i> sp. 1	Buttrill Spr., CaS, 10/23/90, 6/17/90, 4/23-25/91, 6/15/91; BuS, Ri, 6/17/91, 7/10-21/91; RMS, GrG, 6/16/91 + 8/5/91; NRM, AS & SDG, 6/17/91: det. JBW
<i>Ooencyrtus</i> sp. 3	Buttrill Spr., Ri, III-IV/91, VII/91, 10/4-5/91; BuS, CaS, 4/23-25/91 + 6/15-18/91 + 8/4-6/91; RMS, GrG, 6/16/91; NRM, AS & SDG, 6/17/91; NRM, OW & CaS, 6/17/91; AS, 3/17-21/92: det. JBW
<i>Ooencyrtus</i> sp. 4	Buttrill Spr., CaS, 4/23-25/91, 6/15-18/91; BuS, Ri, 3/22-4/8/91, 7/10-19/91; RMS, GrG, 4/24/91, 8/5/91 + MS, 6/16/91; ASp, 7/10-21/91; AS, 3/17-21/92; BuL, MS, 3/18-21/92; CrS, 3/19/92: det. JBW
<i>Ooencyrtus</i> sp. 7	Spr. E. BuS, Ri, 3/4-4/8/91; BuS, Ri, III,IV/91, VI/91, VII/91, 10/4-5/91; BuS, CaS, 4/23/91 + 4/23-25/91 + 6/15/91 + 8/4-6/91; RMS, GrG, 4/24/91, 8/5/91; NRM, AS & SDG, 6/17/91; ASp, 7/10-21/91; AS, 3/17-21/92; BuL, MS, III/92: det. JBW
<i>Ooencyrtus</i> sp. 8	CrS, 3/18/92: det. JBW
<i>Ooencyrtus</i> sp. 26	Buttrill Spr., Ri, 3/4-22/91, 7/10-21/91; NRM, SDG & ML, 8/4-5/91; AS, 3/17-21/92: det. JBW
<i>Ooencyrtus</i> sp. 27	4.95 mi. E. Buttrill Spr., Ri, 3/4-22/91; BuS, Ri, 7/17/91: det. JBW
<i>Ooencyrtus</i> sp. 28	BuS, Ri, 6/15-18/91 + 7/10-19/91: det. JBW
<i>Parablastothrix</i> sp. 1	BuS, Ri, 7/10-21/91, 10/4-5/91; ASp, 7/10-21/91: det. JBW

<i>Parablatticida</i> sp.	BuS, CaS, 4/23-25/91, /014, det. JBW
<i>Paratetracnemoidea</i> sp. 1	BuS, Ri, 7/10-19/91; ASp, 7/10-21/91: det. JBW
<i>Pentelicus</i> sp. 1	BuS, Ri, 7/10-19/91: det. JBW
<i>Perpolia trebia</i> Noyes & Woolley	[PARATYPES, 1 female, 1 male] (TAMU, USNM, BMNH) BBNP, 23-28.vi.1982, GAP Gibson (Noyes & Woolley, 1994)
<i>Pheidoloxenus</i> sp. 1	BuS, CaS, 6/15/91; RMS, GrG, MS, 6/16/91 + GrG, 8/5/91: det. JBW
<i>Pheidoloxenus</i> sp. 2	BuS, Ri, 6/17/91, 7/10-19/91: det. JBW
<i>Pheidoloxenus</i> sp. 3	BuS, Ri, 7/10-19/91: det. JBW
<i>Plagiomerus</i> sp. 1	Buttrill Spr., Ri, 3/4-22/91 + 7/10-21/91: det. JBW
<i>Prochiloneurus</i> sp. 1	Buttrill Spr., Riparian, 3/22-4/8/91, BB90/008, (RAW & MW), det. JBW
<i>Prochiloneurus</i> sp. 2	4.5 mi. E. Buttrill Spr., Ri, 2/16-17/91; spr. E. BuS, 3/4-22/91; BuS, Ri, 6/15-18/91 + 7/10-21/91; BuS, CaS, 6/15-18/91; BuL, MS, 10/3-5/91; AS, 3/17-21/92: det. JBW
<i>Pseudaphycus</i> sp. 1	Buttrill Spr., CaS, 10/23/90; BuS, Ri, 5/15/91, 6/15-18/91; RMS, GrG, 6/16/91, 8/5/91; BuL, MS, 3/18-21/92: det. JBW
<i>Pseudaphycus</i> sp. 3	RMS, GrG & MS, 6/16/91; BuL, MS, 3/18-21/92: det. JBW
<i>Pseudaphycus</i> sp. 5	Buttrill Spr., Ri, 3/4-22/91, BB90/005, (PW & RAW) + 6/15-18/91 (RAW): det. JBW
<i>Pseudaphycus</i> sp. 6	Buttrill Spr., CaS, 6/17/90, 10/23/90; BuS, Ri, 7/10-19/91; SDG, 4/23/91 + 6/15/91; RMS, GrG, 8/5/91; NRM, SDG, 3/20/92: det. JBW
<i>Pseudaphycus</i> sp. 7	BuS, Ri, 3/4-22/91, BB90/005, (PW & RAW); BuS, CaS, 4/23-25/91 /014; RMS, GrG, 4/24/91 (GZ) + MS, 6/16/91: det. JBW
<i>Pseudaphycus</i> sp. 11	RMS, GrG & MS, 6/16/91: det. JBW
<i>Pseudaphycus</i> sp. 12	Buttrill Spr., CaS, 10/23/90, BB90/010 (GZ); BuS, Ri, 6/15-18/91 (RAW): det. JBW
<i>Pseudectroma</i> sp. 1	BuS, CaS, 6/15-18/91; BuS, Ri, 7/10-19/91: det. JBW
<i>Pseudleptomastix</i> sp. 3	Buttrill Sp., CaS, 9/22/90, 10/23/90, 6/15/91; BuS, Ri, 7/10-19/91; ASp, 7/10-21/91: det. JBW
<i>Pseudleptomastix</i> sp. 5	BuS, Ri, 7/10-19/91: det. JBW
<i>Pseudleptomastix</i> sp. 6	Buttrill Sp., Ri, 6/17/90 + 7/10-19/91; BuS, CaS, 6/15/91; AS, 3/17-21/92: det. JBW
<i>Psyllaephagus</i> sp. 1	BuS, Ri, 6/15-18/91; BuS, CaS, 8/4-5/91; NRM, SDG, 3/21/92: det. JBW
<i>Psyllaephagus</i> sp. 2	BuS, Ri, 10/4-5/91; 9PD, Mes, 3/17-21/92; AS, 3/18-21/92; NRM, SDG, 3/21/92: det. JBW
<i>Psyllaephagus</i> sp. 12	Buttrill Spr., Riparian, 3/4-22/91, BB90/005, (PW & RAW), det. JBW
<i>Psyllaephagus</i> sp. 13	BuS, CaS, 6/15/91 (JBW): det. JBW
<i>Psyllaephagus</i> nr. <i>yaseeni</i> Noyes	BuS, Ri, 7/10-19/91; RMS, GrG, 8/5/91: det. JBW
<i>Rhopus</i> sp. 2	Buttrill Spr., 6/17/90, 9/22/90, 10/23/90; RMS, GrG, 6/16/91, 8/5/91: det. JBW
<i>Rhopus</i> sp. 4	BuS, CaS, 6/15-18/91; BuS, Ri, 6/17/91, 7/10-19/91; NRM, AS & SDG, 6/17/91; BuL, MS, 3/18-21/92: det. JBW
<i>Rhytidothorax</i> sp. 8	Buttrill Spr., CaS, 10/23/90 + 4/23-25/91; BuS, Ri, 5/15/91, 6/15-18/91, 7/10-19/91, 10/4-5/91; TrC, Ri & AS, 6/16/91; RMS, GrG, 8/5/91: det.

JBW

<i>Shenahetia sp. 2</i>	RMS, GrG, 8/5/91: det. JBW
<i>Stemmatosteres sp. 1</i>	BuS, CaS, 6/15-18/91 (GZ & JBW): det. JBW
<i>Stemmatosteres sp. 2</i>	NRM, SDG & ML, 8/4-5/91; det. JBW
<i>Syrphophagus sp. 1</i>	Spr. 4.5 mi. E. Buttrill Spr., Ri, 2/1/91, BB91/002 (RAW); RMS, MS & GrG, 6/16/91: det. JBW
<i>Tachardiobius sp. 1</i>	BuS, CaS, 4/23-25/91, /013 (GZ), det. JBW
<i>Tetracnemus sp. 4</i>	Buttrill Sp., CaS, VI/90, X/90, IV/91, VI/91, VIII/91; BuS, Ri, VI/91, VII/91, X/91; SDG, IV/91; RMS, GrG, IV/91, VIII/91 + MS, VI/91; NRM, AS & SDG, VI/91 + SDG & ML, VIII/91 + SDG, III/92; BuL, MS, X/91, III/92: Mo, 3/29/92: det. JBW
<i>Tetracnemus sp. 5</i>	SDG, 4/23/91 (GZ); E. BuS, Ri, 4/8-23/91 (RAW); RMS, GrG, 4/24/91 (GZ); BuS, CaS, 6/15-18/91 (GZ & JBW); NRM, AS & SDG, 6/17/91: det. JBW
<i>Tetracnemus sp. 6</i>	RMS, GrG, 4/24/91, 8/5/91 + MS, 6/16/91; BuS, Ri, 7/10-19/91: det. JBW
<i>Tetracnemus sp. 7</i>	Buttrill Spr., CaS, 10/23/90 + 6/15/91; RMS, GrG, MS, 6/16/91; GrG, 8/5/91: det. JBW
<i>Tetracnemus sp. 8</i>	BuS, CaS, 6/15/91 (JBW): det. JBW
<i>Trapitzinellus sp. 1</i>	BuS, Ri, 10/4-5/91: det. JBW
<i>Zaomma sp. 5</i>	BuS, CaS, 6/15/91, 8/4-6/91; BuS, Ri, 7/10-21/91: det. JBW
<i>Zarhopalus sp. 2</i>	BuS, CaS, 4/23-25/91 (GZ); TrC, Ri & AS, 6/16/91; NRM, AS & SDG, 6/17/91: det. JBW

TANAOSTIGMATIDAE

<i>Tanaostigma stanleyi</i> LaSalle	"Lowland desert springs", 07-19-77, L Masner (LaSalle, 1987)
<i>Tanaostigmodes albiclavus</i> Girault	Panther Jct., 5.3 mi.W., 06-29-82, GAP Gibson (LaSalle, 1987)
<i>Tanaostigmodes larsoni</i> LaSalle	Grapevine Hills, 3200', 06/23-27/82, GAP Gibson (LaSalle, 1987)
<i>Tanaostigmodes mosesi</i> LaSalle	Panther Jct., 12.5 mi. SE, 2500', 06/23-27/82, GAP Gibson (LaSalle, 1987)
<i>Tanaostigmodes sonorensis</i> LaSalle	Glenn Sprs. road, 0.5 mi. in, 3000', 06-23-82, GAP Gibson + Grapevine Hills, 3300', 07-12-82, GPAG + Oak Canyon-Window Trail, 5400', 06/24-27/82, GPAG (all LaSalle, 1987)

EUPELMIDAE

<i>Species #1</i>	Government Spring, 3000', 07-03-86, J.Heraty, H86301 (TAM) + Croton Spring, 07-03-86, J.Heraty (TAM)
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TORYMIDAE

<i>Microdontomeres anthonomi</i> Crawford	CS, 9 Sep 1993 (EE Grissell)
<i>Pseuderimerus sp.</i>	associated with gall forming flies of the Family Cecidomyiidae, Grissell (report to Park)
<i>Pseuderimerus n. sp.</i>	Trap Spr., 9 Sept 1993, Grissell (Grissell, report to BBNP)
<i>Torymoides sp.</i>	associated with gall-forming flies of the Family Cecidomyiidae, Grissell (report to Park)
<i>Torymoides sulcius</i> (Walker)	CS, 9 Sep 1993 (EE Grissell)

<i>Torymus atheatus</i> Grissell	[HOLOTYPE] (NMNH) Gov't Spr., on <i>Sphaeralcea</i> , Grissell + CA, 6 mi. W. (both Grissell, 1976)
<i>Torymus capillaceus albitarsis</i> (Huber)	Gov't Spr., on <i>Sphaeralcea</i> , 08-31-71, Grissell (BBNP file list, 1976) and Pine Canyon, galls on <i>Mimosa biuncifera</i> , 08-31-71, EE Grissell, (1976)
<i>Torymus capillaceus capillaceus</i> (Huber)	PC & GS; PJ, 5 mi. W., Grissell + Alpine, 61 mi. S., (Grissell, 1976); CS, 9 Sept 1993 & RM and NPD, 12 Sept 1993 (report to BBNP)
<i>Torymus koebeli</i> (Huber)	RM, Nine Mile Draw, Sep 1993 (EE Grissell)
<i>Torymus larreae</i> Grissell	[HOLOTYPE] Gov't Spr., on <i>Sphaeralcea</i> , Grissell + Panther Jct., 5 mi. W., both (Grissell, 1976)
<i>Torymus n. sp. 1</i>	RM + NPD, 12 Sept 1993, Grissell (Grissell, report to BBNP)
<i>Torymus n. sp. 2</i>	RM + NPD, 12 Sept 1993, Grissell (Grissell, report to BBNP)
<i>Torymus n. sp. 3</i>	RM + NPD, 12 Sept 1993, Grissell (Grissell, report to BBNP)
<i>Torymus umbilicatus</i> (Gahan)	Gov't Spr., on <i>Sphaeralcea</i> , Grissell (Grissell, 1976) + PJ, 5 mi. W., Grissell (1976); Trap Spr., 9 Sept 1993 + Rm & NPD, 12 Sept 1993, Grissell (report to BBNP)
PTEROMALIDAE	
<i>Cleonymus sp.</i>	Oak Canyon-Window Trail, 5000', 07-04-86, J.Heraty H86403 (TAM)
<i>Euthichosoma mirabile</i> Ashmead	Government Spr., 3000', 07-03-86, J.Heraty H86301 (TAM)(3) + Glenn Sprs road, in 0.5 mi., 07-06-86, J.Heraty H86602 (TAM) + Croton Spr., 3000', 07-06-86, J.Heraty H86061 (TAM)
<i>Lycrus sp.</i>	[=Zatropis] Oak Canyon-Window Trail, 5000', 07-04-86, J.Heraty H86403 (TAM)(9) + Gov't Spr., 07-07-86, 3000', J.Heraty H86301 (TAM)(5) + SEC, 07-04-86, JH H86401 (TAM) + Mule Ears Overlook, 07-04-86, JH H86402 (TAM)(9)
<i>Mesopolobus sp.</i>	GG, 5500', 6/72, AVP, det. Burks
<i>Pteromalus sp.</i>	PJ, W., 3000', 07-06-86, J.Heraty H86603 (TAM)(7) + Oak Canyon-Window Trail, 5000', 07-04-86, J.Heraty H86403 (TAM)(3) + Croton Spr., 07-04-86, J.Heraty (TAM) + Mule Ears Lookout, 07-04-86, J.Heraty H86402 (TAM)(2)
EUCHARITIDAE	
<i>Orasema sp.</i>	(bright red) Panther Junction, 10.7 mi.W., 3650', 06-28-82, G.Gibson (TAM)(2)
<i>Orasema ? bakeri</i> Gahan	Government Spr., ex <i>Macrantherea scabrella</i> (Greene), 7/86
<i>Orasema nr. beameri</i> Gahan	CA, 10.5 mi. NE, 3000' (TAM) and 07-14-82, 3300', G.Gibson (TAM) (7) + PJ, 10.7 mi. W., 06-28-82, 3650', G.Gibson (TAM)(4) + Glenn Spr., 3000', 07-09-82, G.Gibson (TAM)(2)
<i>Orasema simulatrix</i> Gahan	Croton Spr., 7/86, J. Heraty (TAM)
<i>Orasema texana</i> Gahan	Croton Spr., 3000', 07-06-86, J.Heraty H86605 (TAM)(22) + Panther Junction, 12.5 mi. SE, 06/23-26/82, G.Gibson (TAM) + Glenn Sprs. road, 0.5 mi. in, 3000', 07-09-82, G.Gibson (TAM)
<i>Orasema wheeleri</i> Wheeler	Gov't Spr., 08-31-77, EE Grissell (TAM)(22) + Gov't Spr., 3000', 07-03-86, J.Heraty (TAM)(3) + Maple Canyon, 5200', 07-09-82, G.Gibson (TAM)(3) in nest of <i>Pheidole sciophia</i> Wheeler
EURYTOMIDAE	
<i>Species #x</i>	Gov't Spr., 07-05-86 J.Heraty H86502 (TAM)(6) + Mule Ears Overlook, 07-04-86, JH H86402 (TAM)(7)
CHALCIDIDAE	
<i>Brachymeria sp.</i>	Persimmon Gap. Parasitize <i>Yucca torreyi</i> , Pellmyr

<i>Brachymeria fonscolombei</i> (Dufour)	Oak Canyon-Window Trail, 5000', 07-04-86, J.Heraty H86403, det by Heraty, [det <i>B. podagrica</i> by EE Grissell, 1991 (TAM)]
<i>Hockeria</i> sp.	GG, 5500', 6/72, AVP, det Burks

<i>Species</i> #1	Gov't Spr., 3000', 07-05-86, J.Heraty, H86502 (TAM)
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LEUCOSPIDAE

<i>Leucospis affinis affinis</i> Say	BBNP (Boucek, 1974)
<i>Leucospis birkmani</i> Btues	CM (Boucek, 1974)

CYNIPIDAE

<i>Acraspis arida</i> (Kinsey)	[=Cynips] BBNP, gall on <i>Quercus grisea</i> , Kinsey (BBNP file letter, Oct. 15, 1935)
<i>Atrusca simulatrix</i> (Kinsey)	[Cynips] BBNP, gall on <i>Quercus grisea</i> , Kinsey (BBNP file letter, 10/15/35)
<i>Trichoteras vacciniifoliae</i> (Ashmead)	[orig. det. <i>Andricus</i>] [=Callirhytis] BBNP, gall on <i>Quercus grisea</i> , Kinsey (BBNP file letter, 10/15/35)
<i>Xanthoteras eburneum</i> (Bassett)	[orig. det. <i>Biorhiza ebernea</i>] [=Dryophanta] BBNP, gall on <i>Quercus grisea</i> , Kinsey (BBNP file letter, 10/15/35)
<i>Xanthoteras emoryi</i> (Ashmead)	[orig. det. <i>Biorhiza</i>] [=Dryophanta] BBNP, gall on leaves of <i>Quercus grisea</i> , Kinsey (BBNP file letter, 10/15/35)

DIAPRIIDAE

<i>Trichopria</i> sp.	GG, 5500', 6/72, AVP, det. Marsh
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CHRYSIDIDAE

<i>Argochrysis trochilus</i> (Buysson)	Tornillo Cr., 600m, on <i>Chilopsis</i> , 04-10-86, T&R Griswold (BBNP card file)
<i>Ceratochrysis crossata</i> Bohart	Hot Springs, 560m, 04-14-86, T&R Griswold & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file, 1986)
<i>Chrysis fabricii</i> Mocsary	[not a valid name in American fauna] Solis Ranch (22-98), RHB, orig. det. Bodenstein
<i>Chrysis nitidula</i> (Fabricius)	[orig. det. <i>C. nortoni</i> Aaron][=C. <i>coerulans</i> Fabricius] Glenn Sprs. (23-19), 06-23-37, RHB, orig. det. Bodenstein
<i>Chrysis tripartita</i> Aaron	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold & Trap Spring, 870m, 04-15-86, T&RG, & Wasp Spring, 925m, ex <i>Acacia greggii</i> , 04-15-86, T&RG (BBNP card file)
<i>Hedychridium</i> sp.	Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&R Griswold (BBNP card file)
<i>Holopyga ventralis</i> (Say)	Oak Creek, 1190m, 04-14-86, T&R Griswold (BBNP card file, 1986)

BETHYLIDAE

<i>Anisepyrus williamsi</i> Evans	male, SEC, 06/04-11/76, HE Evans (HEE, BBNP file, 1976)
<i>Epyris californicus</i> (Ashm.)	Boquillas Canyon area, SEC, males, 06/04-11/76, HE Evans (HEE, BBNP file list, 1976)
<i>Epyris cariniceps</i> Evans	Boquillas Canyon, SEC, males & females, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Epyris clarimontis</i> Kieffer	Boquillas Canyon, SEC, females, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Holepyris</i> sp.	GG, 5500', 6/72, AVP, det. Menke

<i>Holepyris bakeri</i> Kieffer	Boquillas Canyon, female, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Holepyris subtilis</i> Evans	SEC, male, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Pristocera cockerelli</i> Evans	Boquillas Canyon, males, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Pseudoisobrachium foutsii</i> Evans	Boquillas Canyon, males, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Pseudoisobrachium obscurum</i> Evans	Boquillas Canyon, SEC, males, 06/04-11/76, HE Evans (BBNP file list, 1976)
<i>Species #1</i>	CA, 7/82, Gibson
<i>Species #VP1</i>	Pine Canyon, in dead twig, 07-01-70, AVP
DRYINIDAE	
<i>Species #1</i>	Panther Jct., W., 3000', 07-06-86, J.Heraty H86603 (TAM) + Oak Canyon-Window Trail, 5000', 07-04-86 H86403 (TAM)
SPHECIDAE	
Craboninae	
<i>Belomicrus</i> sp.	TeC, 650m, 04-16-86, T&R Griswold & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG (BBNP card file, 1986)
<i>Crossocerus</i> (<i>Crossocerus</i>) sp.	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold (BBNP card file)
<i>Crossocerus</i> (<i>Crossocerus</i>) sp.	Oak Cr., 1400-1520m, 04-11-86, T&R Griswold (BBNP file)
<i>Ectemnius centralis</i> (Cameron)	CA, A. Hook, 7/80 (Hook, 1982) + [orig.det. Solenius] 19-44, 07-15-37, RHB & Rock Hut (19-28), 06-17-37, RHB. both det. KV Krombein '38
<i>Ectemnius scaber scaber</i> (Lepeletier & Brulle)	[orig.det. Solenius] CB (45-53), 07-15-37, RHB, det. KV Krombein '38
<i>Ectemnius sonorensis</i> (Cameron)	Oak Canyon, 1400-1520m, ex <i>Asclepias</i> , 04-11-86, T&R Griswold (BBNP card file); Big Bend Ranch, Cuevas Amarillas Spr., 3 males, 30-31 May, 1992, CR Nelson (Hook, 1998)
<i>Enchemicrum australe</i> Pate	Rio Grande Village campground, 7/3-8/19/80, A.W. Hook (Hook, 1998)
<i>Lindenius</i> sp.	Hot Spr., 560m, 04-14-86, ex <i>Chilopsis</i> , T&R Griswold & Oak Canyon, 1400-1520m, 01-11-86, T&RG, & Terlingua, 650m, 04-16-86, T&RG (BBNP card file, 1986)
<i>Moniaecera masoni</i> LeClercq	[HOLOTYPE, male] (CNCI) Nine-point Draw, 3000 ft., W.R.M. Mason (LeClercq, 2002)
<i>Oxybelus</i> sp.	Rock Hut (19-43), ex <i>Chilopsis linearis</i> , 06-17-37, RHB + Grapevine Spr., 925m, 04-13-86, T&R Griswold & Trap Spr., 870m, 04-15-86, T&RG (BBNP card file)
<i>Oxybelus argenteopilosus</i> Cameron	HS, 560m, 04-14-86, T&R Griswold (BBNP card file)
<i>Oxybelus melanitus</i> R. Bohart	Big Bend, Brewster Co., 4-10-63, R. Roberts & M. Nauman (R.M. Bohart, 1993). NEW SPECIES.
<i>Oxybelus parvus</i> Cresson	HS, 560m, ex <i>Chilopsis</i> , 04-14-86, T&R Griswold, det. TLG '87 + TeC, 650m, 04-16-86, T&RG, det. TLG '87 + Mule Ears Spr., 920m, ex Acacia, 04-15-86, T&RG, Trap Spr., 870m, 04-15-86, T&RG (BBNP card file)
Larrinae	
<i>Liris argentatus</i> (Beauvoir)	[orig. det. <i>Notogonidea</i>] Solis Ranch (22-107), ex <i>Tribulus terrestris</i> , 06-23-37, RHB + SEC, 2145', Apr 24, Jul 25, M.Wasbauer (Krombein, et al, 1984) + Trap Spr., TC, OC, Oak Canyon, T&RG (BBNP file, 1986)

<i>Liris beatus</i> (Cameron)	Dagger Flats, 3500', May 11, WRM Mason + CM, Jun 10-12, Jul 3, Mitchell + Pulliam Canyon, 5500-6500', May 12, JF MacAlpine + GG, 5300', May 8, with cricket nymph, HFH (Krombein, 1984)
<i>Liris mescalero</i> (Pate)	Oak Cyn., Tornillo Cr., Wasp Spr., TL Griswold (BBNP file list, 1986) + CM, Jun 10-12, Mitchell & Dugout Wells, 3000', May 22, JFM & Nine Point Draw, 3000', May 15,21,25, JFM & SEC, 2100', Apr 24, May 5, Adelson (Krombein, 1984)
<i>Pisonopsis triangularis</i> Ashmead	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Plenoculus davisi davisi</i> Fox	[orig.det. <i>P. abdominalis</i>] Boquillas, 143, 07-23-37, RHB, det. Krombein '38
<i>Solierella striatipes</i> (Ashmead)	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Tachysphex apicalis</i> Fox	TC, 600m, 04-10-86, ex <i>Chilopsis linearis</i> , T&RG, det. W.Pulawski '87 + OC, 1190m, 04-14-86,T&RG (BBNP card file)
<i>Tachysphex apicalis</i> <i>fusus</i> Fox	BBNP, 06-12-37, RHB, det WJ Pulawski '79 (TAM)
<i>Tachysphex apricus</i> Pulawski	Tornillo Cr., 600m, 04-10-86, T&R Griswold & Wasp Spr., 925m, 04-15-86, T&RG (BBNP card file)
<i>Tachysphex arizonae</i> Pulawski	Tornillo Cr., 600m, 04-10-86, T&R Griswold & Trap Spr., 870m, 04-15-86, T&RG (BBNP card file, 1986)
<i>Tachysphex ashmeadii</i> Fox	Mule Ears Overlook, 860m, 04-15-86, T&R Griswold, det. W. Pulawski '87 + Terlingua Cr., 04-16-86, T&RG and Tornillo Cr., 600m, ex Tamarix, 04-10-86, T&RG (BBNP card file, 1986)
<i>Tachysphex cockerellae</i> Rohwer	Oak Cr., 1190m, 04-14-86, T&R Griswold (BBNP card file)
<i>Tachysphex coquilletti</i> Rohwer	Trap Spr., 870m, 04-15-86, T&R Griswold (BBNP card file)
<i>Tachysphex crassiformis</i> Viereck	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Tachysphex linsleyi</i> Bohart	Oak Cr., 1190m, 04-14-86, T&R Griswold & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file, 1986)
<i>Tachysphex menkei</i> Pulawski	Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&R Griswold, & Mule Ears Spr, 920m, 04-15-86, ex <i>Acacia greggii</i> , T&RG (BBNP card file, 1986)
<i>Tachysphex mundus</i> Fox	Oak Cr., 1190m, 04-14-86, T&R Griswold, & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file, 1986), [det. <i>T. m. exsectus</i> Fox by Griswold], det Arnold Menke, 1991
<i>Tachysphex pinal</i> Pulawski	Government Spr., 1200m, 04-13-86, & Oak Cr., 1190m, 04-14-86, T&R Griswold (BBNP card file)
<i>Tachysphex terminatus</i> (Smith)	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Tachysphex texanus</i> (Cresson)	Mule Ears Overlook, 860m, 04-15-86, T&R Griswold (BBNP card file)
<i>Tachysphex tipai</i> Pulawski	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Tachysphex yolo</i> Pulawski	Tornillo Cr., ex <i>Chilopsis</i> , 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Tachytes sp A</i>	Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&R Griswold (BBNP card file, 1986)
<i>Tachytes sp.B</i>	Oak Canyon, 1400-1520m, ex <i>Dalea greggii</i> , 04-11-86, T&RG, & Santa Elena Crossing, 640m, 04-15-86, T&RG, & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file) + SEC, 05-25-78, C.Porter & A.Cerbone (TAM)
<i>Tachytes exornatus</i> Fox	Oak Cr. (9-48), ex <i>Lippia ligustrina</i> , 06-14-37, RHB, det. KV Krombein '38
<i>Trypoxylon californicum</i> Saussure	[= <i>Trypargilum</i> . Orig. det. <i>Trypoxylon arizonense</i> Fox] Muskhog Spr, (19-11, 19-8, 19-43), all 06-17-37,RHB, det. D.Murray '38 + springs, creeks, SEC, 4/85,TRG (BBNP file list, 1986) + SEC, 05-25-78, Porter & Cerbone(TAM)
<i>Trypoxylon orizabense</i> (Richards)	CM Prob. "first Texas record for this species (Hook, 1998)

<i>Trypoxylon tridentatum</i> Packard	Muskhog Spr. (4-15), ex <i>Diospyros texanum</i> , 06-11-37, RHB, det. D.Murray '38 + CF, Oak Canyon, ex <i>Prosopis juliflora</i> , Oak Cr, Croton Spr, Gov't Spr., 4/86, T&RG (BBNP card file, 1986)
Nyssoninae	
<i>Ammatomus icarioides</i> (Turner)	BBNP (Hook, A., 1981)
<i>Bembecinus bishoppi</i> Krombein & Willinck	BBNP, R.Minckley, 1992
<i>Bembecinus nanus strenuus</i> (Mickel)	BBNP, R.Minckley, 1992
<i>Bembecinus quinquespinosus</i> (Say)	[= <i>B. godmani</i> (Cameron)] BBNP, R.Minckley, 1992
<i>Bembix americana spinolae</i> Lepeletier	SEC, 05-25-78, C.Porter & A.Cerbone, det. CC Porter (TAM)(25)
<i>Bembix sayi</i> Cresson	OC, 1190m, 04-14-86, T&RG, det. TLG '86 + Mule Ears Spr., 920m, 04-15-86, ex <i>Acacia greggii</i> , T&RG, det. TLG '86
<i>Bembix troglodytes</i> Handlirsch	Rock Hut, (19-27, 19-34), 06-17-37, & Oak Cr.in Basin (7-10), 06-12-37, both RHB, det. D.Murray '38
<i>Bicyrtes capnoptera</i> (Handlirsch)	Rock Hut (19-7), ex <i>Chilopsis linearis</i> , 06-17-37, RHB, det. D.Murray '38
<i>Bicyrtes variegata</i> (Olivier)	BBNP, R.Minckley, 1992
<i>Bicyrtes ventralis</i> (Say)	BBNP, R. Minckley, 1992
<i>Bicyrtes viduata</i> (Handlisch)	Glenn Spr., (23-12), ex <i>Salix nigra</i> , RHB, det. D.Murray '38
<i>Foxia</i> sp.	Tornillo Cr., ex <i>Chilopsis linearis</i> , 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Glenostictia clypeata</i> (Gillaspy)	CA, 7/92, AVP, det. Menke '93
<i>Glenostictia gilva</i> Gillasp	HS, 560m, 04-14-86, T&RG, & TeC, 650m, 04-16-86, T&RG, & Tornillo Cr., 600m, 04-10-86, T&RG (BBNP card file)
<i>Glenostictia parva</i> Bohart	BBNP, R.Minckley, 1992
<i>Glenostictia pictifrons</i> (F.Smith)	BBNP, R.Minckley, 1992
<i>Glenostictia scitula</i> (Fox)	TC, 600m, ex <i>Chilopsis linearis</i> & <i>Tamarix</i> , 04-10-86, T&RG, det. TLG '87 + HS, 560m, 04-14-86, T&RG, Santa Elena Crossing, 640m, 04-15-86, T&RG, & TeC, 650m, 04-16-86, T&RG (BBNP card file) (See <i>Brevitrichia scitulaesca</i>)
<i>Glenostictia tenuicornis</i> (Fox)	[orig. det. <i>Stictiella</i>] Rough Run (61-9), ex <i>Baccharis glutinosa</i> , 07-27-37, RHB, det. D.Murray '38
<i>Hoplisoides</i> sp.	Oak Canyon, 1400-1520m, 04-11-86, T&RG (BBNP card file)
<i>Microbembex hirsuta</i> J.Parker	BBNP, R.Minckley, 1992
<i>Microbembex nigrifrons</i> (Provancher)	HS, 560m, 04-14-86, T&R Griswold (BBNP card file); BBNP, R.Minckley, 1992
<i>Pseudoplisus</i> sp.	GG, 1350m, 04-10-86, T&R Griswold, & Mule Ears Spr., 920m, ex <i>Acacia greggii</i> , 04-15-86, T&RG, & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file)
<i>Steniolia duplicata</i> Provancher	TeC, 650m, 04-16-86, TL Griswold, det. TLG '87 + Wasp Spr., 925m, ex <i>Acacia greggii</i> , 04-15-86, T&RG (BBNP card file)
<i>Steniolia elegans</i> Parker	Mule Ears Spr., 920m, 04-15-86, T&R Griswold, det. TLG '87 + Cottonwood Cr., 1100m, 04-13-86, T&RG, & Gov't Spr., 1200m, 04-13-86, T&RG, & Wasp Spr., 925 m, 04-15-86, T&RG (BBNP card file)
<i>Stictiella Formosa</i> (Cresson)	BBNP, R.Minckley, 1992

<i>Stictiella pulchella</i> (Cresson)	Tornillo Cr., 600m, ex <i>Chilopsis</i> , 04-10-86, T&T Griswold (BBNP card file)
<i>Stizoides renicinctus</i> (Say)	[orig. det. <i>S. uncinatus</i>] Boquillas, 1800', 05-23-59, WRM Mason, det. Mason '62
<i>Stizus texanus</i> Cresson	SEC, 2100', 05-05-59. JF MacAlpine, det. Mason '62
<i>Synnevrus</i> sp.	Tornillo Cr., 600m, ex <i>Chilopsis</i> , 04-10-86, T&R Griswold (BBNP card file)
<i>Tanyoprymnus moneduloides</i> (Packard)	BBNP (Hook, A. 1981)
Pemphredoninae	
<i>Ammoplanellus</i> sp.A	HS, 560m, ex Nama, 04-14-86, T&R Griswold, & Terlingua Cr., 650m, 04-16-86, T&TG, & Oak Canyon, 1400-1520m, ex <i>Chilopsis</i> , 04-11-86, T&RG (BBNP card file)
<i>Ammoplanellus</i> sp.B	HS, 560m, 04-14-86, T&R Griswold (BBNP card file)
<i>Ammoplanops cockerelli</i> (Ashmead)	HS, 560m, ex Nama, 04-14-86, T&R Griswold, & Terlingua Cr., 650m, 04-16-86, T&RG, 7 Oak Canyon, 1400-1520m, ex <i>Chilopsis</i> , 04-11-86, T&RG (BBNP card file)
<i>Ammoplanops vierecki</i> Pate	Wasp Spr., 925m, 04-15-86, T&R Griswold (BBNP card file)
<i>Diodontus</i> sp.	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Pluto sayi</i> (Rohwer)	BBNP, 143, 07-23-37, RHB, det. KV Krombein '38 + BBNP, 22-117, 06--23-37, RHB, det. D. Murray '38
<i>Pulverro mescalero</i> Pate	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det TLG '87
<i>Spilomena</i> sp.	HS, 560m, ex <i>Chilopsis</i> , 04-14-86, T&R Griswold (BBNP card file)
<i>Stigmus</i> sp.	SEC, 05-25-78, C.Porter & A.Cerbone, det CC Porter (TAM)
Philanthinae	
<i>Cerceris acanthophila</i> Cockerell	TC, 600m, ex <i>Chilopsis linearis</i> and <i>Tamarix</i> , 04-10-86, T&R Griswold, det. Ferguson + RGV (Hook, 1987); HS, ex <i>Chilopsis</i> , & Trap Spr., 870m, & SEC 640m, 04/10-15/86, T&RG (BBNP card). [=C. <i>chilopsidis</i> V&C, det. Menke '91]; Solis Ranch (22-109), 06-23-37, RHB. [det. C. <i>chilopsidis</i> V&C by HA Scullen '38] det. A. Menke, '91
<i>Cerceris californica</i> Cresson	HS, 560m, ex <i>Chilopsis</i> and <i>Tamarix</i> , 04-14-86, TL Griswold, det. Ferguson '87 + Grapevine Spr., 925m, 04-13-86, TLG, det. Ferguson '87 + RGV, Hook (Peckham & Hook, 1994) + SEC, TC T&RG (BBNP cards)
<i>Cerceris carrizonensis</i> Banks	BBNP (Scullen, 1965)
<i>Cerceris cochisi</i> Scullen	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Cerceris convergens</i> Viereck & Cockerell	Solis Ranch (22-100), ex <i>Tribulus terrestris</i> , 06-23-37, RHB & Lone Mt., tank 2 mi E. (48-6), ex <i>Chilopsis linearis</i> , 07-2-37, RHB, det HA Scullen '38 + HS, 560m, 04-14-86, T&R Griswold, det. Ferguson '87
<i>Cerceris crandalli</i> Scullen	Boquillas Canyon (Scullen, 1965)
<i>Cerceris crotonella</i> Viereck & Cockerell	BBNP, TL Griswold (BBNP file list, 1986)
<i>Cerceris dilatata</i> Spinola	[orig. det. C. <i>dilatata chisosensis</i> by Ferguson '79] RGV, 1979, (Hook, 1987); SEC, 05-25-78, C.Porter & A.Cerbone, [det. by CC Porter as C. <i>d. chisosensis</i> Scullen]; TeC, 650 m, 04-16-86, T&RG (BBNP cards). Det. A. Menke '91 (TAM)
<i>Cerceris echo</i> Mickel	Rio Grande Village, 1979-80, AW Hook, det. Ferguson (Hook, AW. 1987. Sociobiology 13: 93-118)
<i>Cerceris femurrubrum</i> Viereck & Cockerell	Rio Grande Village, 1980, Hook, det. GR Ferguson (Hook, 1987 Sociobiology 13: 93-118) + BBNP? (Scullen, 1965)

<i>Cerceris intricata</i> <i>graphica</i> F.Smith	RGV, 1979-80, AW Hook, det. GR Ferguson (Hook, 1987). [not <i>C. grafica</i> Smith, as per Menke, '91]
<i>Cerceris mimica</i> Cresson	BBNP ? (Scullen, 1965)
<i>Cerceris tepaneca</i> Saussure	BBNP ? (Scullen, 1965). [det. <i>C. morata</i> Cresson]. Synonymy corrected by Menke, '91.
<i>Cerceris truncata</i> Cameron	BBNP ? (Scullen, 1965)
<i>Eucerceris canaliculata</i> (Say)	TCr, 600m, 04-10-86, ex Tamarix, TL Griswold, det Ferguson '87 + Nine Point Draw, 3000', 05-15-59, WRM Mason, det. Mason '62 + BBNP, 19-26, 06-17-37 & 776-15, 08-16-37 & 4-11, 06-11-37, RHB, det. HA Scullen '28
<i>Eucerceris lacunose</i> Scullen	CM, Glenn Sprs. (Scullen, 1968. USNM Bull. 268:34)
<i>Eucerceris melanovittata</i> Scullen	[PARATYPES] (CASC) CM, 07-06-42, HA Scullen (Scullen, 1948)); BBNP, 08-31-62, Scullen (Scullen, 1968); SEC, 2145', 08-25-54, RH Bohart (Scullen, 1968)
<i>Eucerceris mellea</i> Scullen	[HOLOTYPE, female] (CASC) CM, Big Bend Park, 7/6/42 [ALLOTYPE, male] (CASC) same data as holotype (Scullen, 1948b) (Scullen, 1968)
<i>Eucerceris Montana</i> Cresson	Mule Ears Spr., 920m, ex <i>Acacia greggii</i> , 04-15-86, T&R Griswold (BBNP card file, 1986); BBNP (Scullen, 1968)
<i>Eucerceris pimarum</i> Cockerell & Rohwer	"Abundant....west Texas" (Scullen, 1968)
<i>Eucerceris rubipes</i> Cresson	BBNP (Scullen, 1968)
<i>Eucerceris tricolor</i> Cockerell	BBNP (Scullen, 1968)
<i>Eucerceris vittatifrons</i> Cresson	BBNP (Scullen, 1968)
<i>Philanthus gibbosus</i> (Fabricius)	Santa Elena Crossing, 640m, 04-15-86, T&R Griswold, det. Ferguson '87 + Tornillo Cr., 600m, 04-10-86, T&RG, det. Ferguson '87; OC; HS, TeC, Trap Spr., T&RG (BBNP cards); WT, 05-23-78, C.Porter & A.Cerbone, det. CC Porter (TAM)(11)
<i>Philanthus</i> <i>multimaculatus</i> Cameron Sphecinae	BBNP, TL Griswold (BBNP file list, 1986)
<i>Ammophila breviceps</i> Smith	[orig. det. <i>Sphex</i>] Rock Hut (19-9), 06-17-37 <i>Chilopsis linearis</i> , RHB & UCC (60-12), ex <i>Diospyros texanum</i> , 07-27-37 9 or 08-03-37) & CB (7-13), 06-12-37, ex <i>Acacia constricta</i>) RHB, det. Don Murray '38
<i>Ammophila juncea</i> Cresson	[orig. det. <i>Sphex</i>] UCC (64-4), ex <i>Diospyros texanum</i> , 08-03-37, RHB & CB (42-1), ex <i>Lippia ligustrina</i> , 07-11-37, RHB & Rock Hut (23-12), ex <i>Chilopsis linearis</i> , 06-17-37, RHB, det. D.Murray '38
<i>Astata mexicana</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Chalybion californicum</i> (Saussure)	[orig. det. <i>C. cyaneum</i>] Fresno Spr. (21-25), 06-21-37, RHB & Ganp Spr. (44-3), 06-15-37, RHB & Glenn Spr. (23-10), ex <i>Salix nigra</i> , 06-23-37, RHB, det. D.Murray '38
<i>Chalybion zimmermanni</i> <i>aztecum</i> (Saussure)	[orig. det. <i>Chlorion</i>] Rock Hut (19-4), ex <i>Chilopsis linearis</i> , 06-17-37, RHB, det. D.Murray '38
<i>Isodontia elegans</i> (Smith)	[orig. det. <i>Chlorion</i>] Lower Juniper Cyn, 06-23-37, RHB, det. Murray '38 + GG, 5000', 05-18-59, ex <i>Nolina</i> , WRM Mason, det. WRM '62 + OC, 04-11-86, ex <i>Prosopis juliflora</i> , T&RG, det. TLG '87 + Oak Cr., TLG (BBNP, 1986)
<i>Podalonia</i> sp.A	Grapevine Spr., 925m, 04-13-86, T&R Griswold, & Mule Ears Spr., 920m, 04-15-86, T&RG (BBNP card file)
<i>Podalonia</i> sp.B	Santa Elena Crossing, 640m, 04-15-86, T&R Griswold (BBNP card file)
<i>Podalonia</i> sp.C	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)

<i>Podalonia sp.D</i>	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Podalonia pubescens</i> Murray	[PARATYPES] (TAMU) CB (27-22), in flower garden, 06-24-37, RHB (TAM) & CB (60-20), ex <i>Lippia ligustrina</i> , 07-27-37, RHB (TAM) (Murray, 1940)
<i>Prionyx atratus</i> (Lepeletier.)	[orig. det. <i>Chlorion</i>] Solis Ranch (22-77), 06-23-37, RHB, det. Don Murray '38
<i>Prionyx parkeri</i> Bohart & Menke	MEO, 860m, 04-15-86, T&R Griswold, det. TLG '87 + Window Trail, 05-24-78, C.Porter & A.Cerbone, det. CC Porter (TAM) + Terlingua Cr., 650m, 04-16-86, T&RG & Tornillo Cr., 600m, ex <i>Tamarix</i> , 04-10-86, T&RG (BBNP file) + CA, AVP
<i>Prionyx thomae</i> (Fabricius)	[orig. det. <i>Chlorion</i>] LJS(25-15), 06-23-37, RHB & Boquillas (57-60 & 57-62), ex <i>Salix taxifolia</i> , 07-22-37, RHB, det. Murray '38
<i>Sceliphron caementarium</i> (Drury)	Rock Hut (19-4), ex <i>Chilopsis linearis</i> , 06-17-37, RHB, det. Murray '38 + Tornillo Cr., 600m, 04-10-86, T&R Griswold (BBNP file) + CA, 7/92, AVP, det. Menke '93
<i>Sphex ashmeadi</i> (Fernald)	Tornillo Cr., 600m, TL Griswold (BBNP file list, 1986) + Santa Elena area, 2200', 05-21-59, HFH/ECB, det. WRMM '62
<i>Sphex lucae</i> Saussure	[orig.det. <i>Chlorion</i>] Fresno Spr. (21-21), 06-21-37, RHB, Murray '38
MELITTIDAE	
<i>Hesperapis elegantula</i> Cockerell	Terlingua Cr., 650m, ex Nama, 04-16-86, T&R Griswold (BBNP card file)
COLLETIDAE	
<i>Colletes sp.</i>	(40-4), South Rim, ex cactus bloom, 07-07-37, RHB
<i>Colletes sp.</i>	Loop Camp, ex Larrea, 03-18-87, BN Danforth (BBNP card file)
<i>Colletes algarobiae</i> Cockerell	Santa Elena Crossing, 640m, 04-15-86, T&R Griswold (BBNP card file)
<i>Colletes clypeonitens</i> Swenk	Tornillo Cr., 600m, ex Larrea, 04-10-86, T&R Griswold (BBNP card file) + HS (Stephen, 1954)
<i>Colletes eulophi</i> Robertson	Oak Canyon, 1400-1520m, ex <i>Dalea greggii</i> , <i>Penstemon</i> , and <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, det. TLG '87+ GG, 1350m, 04-10-86, T&RG (BBNP card file)
<i>Colletes gilensis</i> Cockerell	CM (Stephen, 1954)
<i>Colletes intermixtus</i> Swenk	CM (Stephen, 1954)
<i>Colletes louisae</i> Cockerell	Government Spr., 1200m, 04-13-86, T&R Griswold, & Santa Elena Crossing, 640m, 04-15-86, T&RG, & Terlingua Cr., 650m, 04-16-86, T&RG, & Tornillo Cr., 600m, 04-10-86, T&RG (BBNP card file, 1986) + HS (Stephen, 1954)
<i>Colletes perileucus</i> Cockerell	Santa Elena Crossing, 640m, 04-15-86, T&R Griswold, & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file, 1986) + HS, 04-11-49, Michener & Beamer, ex <i>Prosopis juliflora</i> (Stephen, 1954)
<i>Colletes prosopidis</i> Cockerell	Oak Canyon, 1400-1520m,, 04-11-86, T&R Griswold, & Terlingua Cr., 650m, 04-16-86, T&TG (BBNP card file, 1986) + HS (Stephen, 1954)
<i>Colletes salicicola</i> Cockerell	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87 + Tornillo Cr., 600m, 04-10-86, ex <i>Prosopis juliflora</i> , T&RG, det. TLG '87 + GG, Wasp Spr, TC, Santa Elena Cross., 4/86,T&RG (BBNP card file)
<i>Colletes scopiventer</i> Swenk	CM, 07-03-42, EC Van Dyke (Stephen, 1954)
<i>Colletes wickhami</i> Timberlake	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file) + Cooper's Store, 04-11-49, ex <i>Phacelia popei</i> , Michener & Beamer (Stephen, 1954)
<i>Colletes wootoni</i> Cockerell	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87 + Terlingua Cr., 650m, 04-16-86, T&RG, & Wasp Spr., 925m, 04-15-86, T&RG (BBNP card file, 1986)

<i>Colletes, n. sp., near intermixtus</i> Swenk	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold (BBNP card file)
<i>Hylaeus asininus</i> (Cockerell & Casad)	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87 + Tornillo Cr., 600m, 04-10-86, T&RG, det. TLG '87
<i>Hylaeus cookii</i> Metz	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold (BBNP card file, 1986)
<i>Hylaeus episcopalis coquillettii</i> (Cockerell)	Trap Spr., 870m, 04-15-86, T&R Griswold, det. TLG '87 + Oak Cr., 1190m, ex <i>Dalea greggii</i> , 04-14-86, T&RG, & Grapevine Spr., 925m, ex <i>Lupinus</i> , 04-13-86, T&RG, & TC, 600m, 04-10-86, T&RG (BBNP card file, 1986)
<i>Hylaeus mesillae cressoni</i> (Cockerell)	Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file, 1986)
<i>Hylaeus sonorensis</i> Cockerell	Oak Canyon, ca. 1500m, on <i>Prosopis</i> , 04-11-86, T&R Griswold (BBNP card file, 1986)
<i>Hylaeus, n. sp., near cookii</i> Metz	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, & Wasp Spr., 925m, 04-15-86, T&RG, & Mule Ears Overlook, 860m, 04-15-86, T&RG (BBNP card file, 1986)
HALICTIDAE	
<i>Agapostemon sp.</i>	Rice Tank, 03-18-87, BN Danforth (BBNP card file)
<i>Agapostemon cockerelli</i> Crawford	Rock Hut, (19-46) 06-17-37, ex <i>Chilopsis linearis</i> , RHB + CA, ex honey mesquite, 7/92, AVP, det. TLG '92; on flowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Agapostemon melliventris</i> Cresson	BC, 07-23-37 & Gano Spr., 06-16-37, ex <i>Cephalanthus occidentalis</i> & RR, 07-27-37 ex <i>Baccharis glutinosa</i> , RHB, det. Sandhouse (RHB, 1938) + CA, ex honey mesquite, 7/92, AVP, det. TLG '92; on flowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Agapostemon texanus</i> Cresson	CB, 7/26/92, R. Minckley, det. D. Yanega '92
<i>Augochlora sp.</i>	Rice Tank, 03-18-87, BN Danforth (BBNP card file)
<i>Augochlorella neglectula</i> (Cockerell)	Sotol Overlook, 1225m, 04-15-86, T&R Griswold, det. TLG '87 + GG, 1350m, 04-10-86, T&RG & Oak Canyon, 1400-1520m, ex <i>Penstemon</i> , <i>Prosopis juliflora</i> , & Tecoma, 04-11-86, T&RG (BBNP card file, 1986)
<i>Augochlorella pomoniella</i> (Cockerell)	Oak Cr., (7-46) 06-12-37, RHB, det. Sandhouse
<i>Augochloropsis metallica</i> (Fabricius)	[det. <i>A. cuprea</i> (Sm.) by Sandhouse] Rough Run (61-13), ex <i>Baccharis glutinosa</i> , 07-27-37, RHB; Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold, det. TLG '87
<i>Conanthalictus cotullensis</i> Crawford	TeC, 650m, 04-16-86, ex Nama, T&R Griswold, det. TLG '87 + HS, 560m, 04-14-86, ex Nama, T&RG, det. TLG '87
<i>Halictus sp.</i>	Oak Creek (60-26), 07-27-37, ex <i>Lippia ligustrina</i> , RHB
<i>Halictus ligatus</i> Say	Rough Run, (61-29), ex <i>Baccharis glutinosa</i> , 07-27-37, RHB + Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold, det. TLG '87 + GG, 1350m, 04-10-86, T&RG & Mule Ears Spr., 920m, 04-15-86, T&RG + GS, 1200m, 4/86, T&RG (BBNP cards)
<i>Lasioglossum microlepoides</i> (Ellis)	[= <i>Dialictus</i> , by Eickwort] OC, 1400-1520m, ex <i>Penstemon</i> , 04-11-86, T&RG + HS, 560m, 04-14-86, ex <i>Chilopsis</i> , & Mule Ears Spr., 920m, ex <i>Acacia greggii</i> , 04-15-86, & TC, 600m, 04-10-86, & Wasp Spr., all T&RG (BBNP card file)
<i>Lasioglossum oleosus</i> (Cockerell)	[= <i>Dialictus</i>] TC, 600m, ex <i>Chilopsis</i> , 04-11-86, T&RG (BBNP file, 1986)
<i>Lasioglossum perparvus</i> (Ellis)	[= <i>Dialictus</i> , by Eickwort] HS, 560m, 04-14-86, ex <i>Chilopsis</i> , T&R Griswold
<i>Lasioglossum sp.</i>	[orig. det. <i>Halictus (Chloralictus)</i> spp.] [= <i>Dialictus</i>] Lost Mine Peak, 06-17-37 & Casa Grande, 06-16-37 + CB, 07-15-37 ex <i>Lippia ligustrina</i> + LM, at tank 2 mi E., 07-02-37 + South Rim, ex Agave witzlizeni, RHB (48-5) (RHB, 1938)

<i>Lasioglossum</i> sp.	Rice Tank, 03-18-87, BN Danforth (BBNP file, 1987)
<i>Lasioglossum</i> sp.C	[=Evylaeus] Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file, 1986)
<i>Lasioglossum</i> sp.D	[=Evylaeus] Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Lasioglossum clematisellus</i> (Cockerell)	[=Dialictus] Santa Elena Crossing, 640m, T&R Griswold (BBNP card file, 1986)
<i>Lasioglossum hunteri</i> (Crawford)	[=Dialictus, by Eickwort] TC, 600m, 04-10-86, T&RG + HS, T&RG (BBNP card file, 1986)
<i>Lasioglossum morrilli</i> (Cockerell)	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> and <i>Penstemon</i> , 04-11-86, T&R Griswold, det TLG '87 + Gov't Spr., 1200m, 04-13-86, T&RG & Cottonwood Cr., 1100m, 04-13-86, T&RG (BBNP card file, 1986)
<i>Lasioglossum petrellus</i> (Cockerell)	[=Dialictus] Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file, 1986)
<i>Lasioglossum pruinosiformis</i> (Crawford)	[=Dialictus] Tornillo Cr., 600m, ex <i>Chilopsis</i> , 04-10-86, T&R Griswold (BBNP card file, 1986)
<i>Lasioglossum sisymbrii</i> (Cockerell)	Santa Elena Crossings, 640m, 04-15-86, T&R Griswold (BBNP card file, 1986)
<i>Lasioglossum tegulariformis</i> (Crawford)	[=Dialictus] Hot Springs, 560m, 04-14-86, T&R Griswold (BBNP file, 1986)
<i>Nomia foxii</i> Dalla Torre	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file, 1986)
<i>Nomia nevadensis bakeri</i> Cockerell	[=Dieunomia] 5 km e. Panther Jct., 1000m, 6/17/92, R. Minckley, det. RM '92
<i>Nomia nevadensis bakeri</i> Cockerell	Rock Hut (19-17), ex <i>Chilopsis linearis</i> , 06-17-37, RHB, det. Sandhouse + Solis Ranch, 06-23-37 ex <i>Tribulus terrestris</i> & Boquillas area, 07-22-37, ex <i>Salix taxifolia</i> , RHB (1938)
<i>Sphecodes</i> sp.A	Mule Ears Spr., 920m, ex <i>Acacia greggii</i> , 04-15-86, T&R Griswold & Trap Spr., 870m, 04-15-86, T&RG & Wasp Spr., 925m, 04-15-86, T&RG (BBNP card file, 1986)
<i>Sphecodes</i> sp.B	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold & Trap Spr., 925m, 04-15-86, T&RG (BBNP card file)
<i>Sphecodes</i> sp.C	Government Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file)
<i>Sphecodes</i> sp.F	Mule Ears Overlook, 860m, 04-15-86, T&R Griswold (BBNP card file)
<i>Sphecodosoma dicksoni</i> Timberlake	Terlingua Cr., 650m, ex Nama, 04-16-86, T&R Griswold (BBNP card file, 1986)
OXAEIDAE	
<i>Protoxaea gloriosa</i> (Fox)	Gov't Sprs., 6 mi. W., 07-16-50, RF Smith & Chisos Mts, on flowers of <i>Aloysia lycioides</i> & Lajitas, 3 mi. W., 10-02-60, on flowers of <i>Tamarix</i> & SEC, 08-25-67 & Terlingua, 07-19-50 (Hurd & Linsley, 1976)
ANDRENIDAE	
<i>Andrena fracta</i> Casad & Cockerell	TL Griswold (BBNP file, 1986)
<i>Andrena mellea</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file, 1986)
<i>Andrena mesillae</i> Cockerell	Tornillo Cr., 600m, ex <i>Chilopsis</i> , 04-10-86, T&R Griswold (BBNP card file, 1986)
<i>Andrena prunorum</i> Cockerell	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, det. TLG '87
<i>Calliopsis</i> spp.	[= <i>Hypomacrotera</i>] BBNP

<i>Calliopsis subalpinus</i> (Cockerell)	[= <i>Hypomacrotera</i>] Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file, 1986) + Solis Ranch, (22-106), 06-23-37, RHB
<i>Perdita</i> spp.	Boquillas area, (143) 07-23-37, RHB + Lower Blue Cr., 06-23-37, ex blooms of <i>Nolina erumpens</i> , RHB + Lone Mtn., 2 mi. E, 07-02-37, RHB (RHB, 1938) + CA, ex honey locust, 7/92, AVP, det. TLG '92
<i>Perdita</i> (<i>Epimacrotera</i>) <i>n.</i> <i>sp.</i>	Grapevine Spr., 925m, ex <i>Dalea neomexicana</i> , 04-13-86, T&R Griswold (BBNP card file)
<i>Perdita</i> (<i>Hexaperdita</i>) <i>sp.</i>	Grapevine Spr., 925m, 04-13-86, T&R Griswold & Santa Elena Crossings, 640m, 04-15-86, T&RG (BBNP card file)
<i>Perdita bidenticauda</i> Timberlake	[HOLOTYPE] (SEMC) (Michener and Beamer Coll.) Cooper's Store, BBNP, 04-11-47, on <i>Opuntia</i> (Timberlake, 1953); 5 km E. Panther Jct., 6/15/92, R.Minckley, det. D.Yanega '92
<i>Perdita bradleyana</i> Timberlake	Grapevine Spr., 925m, 04-13-86, T&R Griswold & Trap Spr., 870m, 04-15-86, T&RG & GG, 1350m, 04-10-86, T&RG (BBNP card file, 1986)
<i>Perdita callicerata</i> Cockerell	Cottonwood Cr., 1100m, 04-13-86, T&R Griswold, det. TLG '87 + CS, 1020m, 04-13-86, T&RG + MEO, 860m, 04-15-86, T&RG & TeC, 650m, 04-16-86, T&RG & Basin Jct., 4 km NW, 1110m, 04-12-86, T&RG (BBNP card file, 1986)
<i>Perdita ignota</i> Cockerell	5 km E. Panther Jct., 6/17/92, R.Minckley, det. D.Yanega '92
<i>Perdita marcialis</i> Cockerell	MES, 920m, 04-15-86 ex <i>Acacia greggii</i> , T&R Griswold, det. TLG '87 + HS, 560m, ex <i>Chilopsis</i> & Santa Elena Cross., 04-15-86 & Terlingua Cr., 650m, 04-16-86 & Tornillo Cr., 04-10-86 & Trap Spr., 04-15-86, T&RG (BBNP card file)
<i>Perdita mentzeliarum</i> Cockerell	Croton Spr., 1020m, 04-13-86, ex <i>Mentzelia</i> , T&R Griswold, det TLG '87
<i>Perdita minima</i> Cockerell	5 km E. Panther Jct., 6/15/92, R.Minckley, det. D.Yanega '92
<i>Perdita trifasciata</i> Timberlake	HS, 560m, 04-14-86, T&R Griswold (BBNP card file, 1986)
<i>Perdita</i> , near <i>coahuilensis</i> Timberlake	Mule Ears Spr., 920m, 04-15-86, T&R Griswold & Wasp Spr., 925m, 04-15-86, T&RG (BBNP card file, 1986)
<i>Perdita</i> , near <i>lepachidis</i> Cockerell	Croton Spr., 1020m, 04-13-86, T&R Griswold (BBNP card file, 1986)
MEGACHILIDAE	
<i>Anthidium cockerelli</i> Schwarz	Grapevine Spr., 925m, 04-13-86, T&R Griswold, det. TLG '87 + Government Spr., 1200, 04-13-86, ex <i>Larrea</i> , T&RG, det TLG '87
<i>Anthidium maculosum</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87
<i>Anthidium notatum</i> <i>gilense</i> (Cockerell)	[= <i>Anthidiellum</i>] Government Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file, 1986)
<i>Anthidium notatum</i> <i>robertsoni</i> (Cockerell)	[= <i>Anthidiellum</i>] Government Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file)
<i>Anthidium palmarum</i> Cockerell	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Anthidium paroselae</i> Cockerell	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Ashmeadiella</i> <i>sp.</i>	Boquillas Canyon area, (143) 07-23-37, RHB
<i>Ashmeadiella buconis</i> (Say)	GS, 1200m, 04-13-86, T&R Griswold, det. TLG '87 + Santa Elena Crossing, 04-15-86, T&RG, det. TLG '87
<i>Ashmeadiella cactorum</i> (Cockerell)	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold + Cottonwood Cr., 1100m,, 04-13-86, T&RG & Sotol Overlook, 1225m, ex Tacoma, 04-15-86, T&RG (BBNP card file, 1986)
<i>Ashmeadiella erema</i> Michener	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, TL Griswold, det. TLG '87 + Gov't Spr., 1200m, 04-13-86, T&RG & Grapevine Spr., 925m, 04-13-86, T&RG (BBNP card file)
<i>Ashmeadiella gillettei</i> Titus	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold & Terlingua Cr., ex Nama, 04-16-86, T&RG (BBNP card file)

<i>Ashmeadiella holtii</i> Cockerell	Wasp Spr., 925m, 04-15-86, T&R Griswold (BBNP card file)
<i>Ashmeadiella leucozona</i> Cockerell	Gov't Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file)
<i>Ashmeadiella meliloti</i> (Cockerell)	Sotol Overlook, 1225m, 04-15-86, TL Griswold, det. TLG '87 + Cottonwood Cr., Gov't Spr., Grapevine Spr., HS, Mule Ears Overlook, Oak Cyn., Terlingua Cr., 04/11-16/86, T&RG (BBNP card file)
<i>Ashmeadiella Opuntiae</i> (Cockerell)	MES, 920m, 04-15-86, T&R Griswold, det. TLG '87 + Tornillo Cr., 600m, 04-10-86, T&RG & Trap Spr., 870m, 04-15-86, T&RG & Gov't Spr., 1200m, 04-13-86, T&RG (BBNP card file)
<i>Ashmeadiella sonora</i> Michener	Mule Ears Overlook, 860m, 04-15-86, T&R Griswold (BBNP card file)
<i>Ashmeadiella vandykiella</i> Michener	Cottonwood Cr., 1100m, 04-13-86, T&R Griswold & Gov't Spr., 04-13-86, T&RG & Mule Ears Spr., 920m, 04-15-86, T&RG & Oak Cyn., 1400-1520m, 04-11-86, T&RG (BBNP card file)
<i>Ashmeadiella</i> , near <i>dimalla</i> Michener	Government Spr., 1200m, 04-13-86, T&R Griswold & Oak Canyon, 1400-1520m, 04-11-86, T&RG (BBNP card file)
<i>Coelioxys menthae</i> Cockerell	Tornillo Cr., 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Coelioxys novomexicana</i> Cockerell	Tornillo Cr., 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Coelioxys texana</i> Cresson	Oak Cr., 1190m, ex <i>Dalea greggii</i> , 04-14-86, T&R Griswold & Tornillo Cr., 600m, 04-10-86, T&RG (BBNP card file)
<i>Dianthidium discors</i> Timberlake	Government Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file)
<i>Dianthidium heterulkei</i> <i>fraternum</i> Timberlake	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Dianthidium implicatum</i> Timberlake	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold, det. TLG '87 + Gov't Spr., 1200m, 04-13-86 & Cottonwood Cr., 1100m, 04-13-86 & Trap Spr., 870m, T&RG (BBNP card file)
<i>Dianthidium parkeri</i> Grigarick & Stange	Gov't Spr., 1200m, 04-13-86, T&R Griswold + Cottonwood Cr., 1100m, 04-13-86, T&RG (BBNP card file)
<i>Dianthidium parvum</i> (Cresson)	Cottonwood Cr., 1000m, 04-13-86, T&R Griswold (BBNP card file)
<i>Dianthidium texanum</i> (Cresson)	Cottonwood Cr., 1100m, 04-13-86, T&R Griswold (BBNP card file)
<i>Dioxys pomonae</i> Cockerell	Sotol Overlook, 1225m, 04-15-86, T&R Griswold (BBNP card file)
<i>Dolichostelis perpulchra</i> (Cwfd.)	Gov't Spr., 1200m, 04-13-86 & HS, 560m, 04-14-86, ex Tamarix, & HS, ex <i>Chilopsis</i> + Santa Elena Crossing, 640m, 05-15-86 + TeC, 650m, 04-16-86 & Tornillo Cr., 600m, 04-10-86, all T&RG (BBNP file, 1986)
<i>Hoplitis beameri</i> (Michener)	[= <i>Anthocopa</i>] Terlingua Cr., 650m, 04-16-86, T&R Griswold, det. TLG '87
<i>Hoplitis biscutellae</i> (Cockerell)	Tornillo Cr., 600m, ex <i>Larrea</i> , T&R Griswold (BBNP card file)
<i>Hoplitis daleae</i> (Michener)	[= <i>Anthocopa</i>] Grapevine Spr., 925m, 04-13-86, T&R Griswold, det. TLG '87
<i>Hoplitis grinnelli</i> Cockerell	Gov't Spr., 1200m, 04-13-86, T&R Griswold + Cottonwood Cr., 110m, 04-13-86, & Mule Ears Spr., 920m, 04-15-86 & Terlingua Cr., 650m, 04-16-86, all T&R Griswold (BBNP card file)
<i>Hoplitis rubrella</i> (Michener)	[= ident. as <i>Ashmeadiella</i>] Grapevine Spr., 925m, 04-13-86, ex <i>Dalea neomexicana</i> , T&RG, det. TLG '87 + Oak Cyn., ex <i>Prosopis juliflora</i> & MES + Sotol Overlook, ex <i>Dalea neomexicana</i> , 04/11-15/86, T&RG (BBNP card file)
<i>Lithurge littoralis</i> Cockerell	[= <i>L. bruesi</i>] Lost Mine Peak, (12-4) 06-17-37, RHB; TC, 600m, ex <i>Opuntia</i> , T&RG, det TLG '87 + CF, 1280m, & CC, 1100m, TeC, 650m & OC, ex <i>Prosopis juliflora</i> & <i>Opuntia</i> , MES, 560m, MEO, all 04/11-16/86, T&RG (BBNP cards)
<i>Megachile brevis</i> Say	Gov't Spr., 1200m, 04-13-86 & Grapevine Spr., 04-13-86, ex <i>Lupinus</i> , T&R Griswold (BBNP card file)

<i>Megachile casadae</i> Cockerell	Oak Canyon, 1400-1520m, 04-15-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87 + Oak Cr., 1190m, 04-11-86 & Mule Ears Spr., 920m, & Trap Spr., 870m, 04-15-86, all T&R Griswold (BBNP card file)
<i>Megachile chilopsidis</i> Cockerell	[ident. as <i>Chalicodoma</i>] Santa Elena Crossing, 640m, 04-15-86, T&R Griswold, det. TLG '87 + TC, 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG (BBNP card file)
<i>Megachile coquilletti</i> Cockerell	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87 + MEO, 860m, 04-15-86 & Santa Elena Crossing, 640m, 04-15-86 & Trap Spr., 870m, 04-15-86, all T&RG (BBNP file, 1986)
<i>Megachile discorhina</i> Cockerell	[ident. as <i>Chalicodoma</i>] Tornillo Cr., 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Megachile frugalis</i> Cresson	Terlingua Cr., 650m, 04-16-86, T&R Griswold, det. TLG '87 + Mule Ears Spr., 920m, 04-15-86, T&RG & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG (BBNP card file)
<i>Megachile instita</i> Mitchell	Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file)
<i>Megachile lippiae</i> Cockerell	[orig.det. <i>Litomegachile texana</i> var. <i>lippiae</i>] Lower Cattail Canyon, ex <i>Asclepiodora decumbens</i> , 06-19-37 & CB, ex <i>Lippia ligustrina</i> , 07-27-37, both RHB, det. Mitchell (RHB, 1938)
<i>Megachile mendica</i> Cresson	[orig. det. <i>Litomegachile mendica</i> var. <i>snowi</i>] Lower Cattail Canyon, (11-14) 06-19-37, ex <i>Asclepiodora decumbens</i> , RHB, det. Mitchell + Fresno Spr., (21-30) ex cactus bloom, 06-21-37, RHB, det. Mitchell
<i>Megachile montivaga</i> Cresson	Cottonwood Cr., 1100m, 04-13-86, T&R Griswold & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file)
<i>Megachile newberryae</i> Cockerell	many springs, creeks & river area & Oak Canyon, 1190m, 04-11-86 T&R Griswold -- ex <i>Prosopis juliflora</i> , <i>Acacia greggii</i> (BBNP card file) + Grapevine Spr., 925m, 04-13-86, T&RG + TeC, 650m, 04-16-86, T&RG
<i>Megachile occidentalis</i> Fox	[ident. as <i>Chalicodoma</i>] Mule Ears Spr., 920m, 04-15-86, T&R Griswold, det. TLG '87 + HS, 560m, 04-14-86, T&RG, det. TLG '87
<i>Megachile odontostoma</i> Cockerell	[ident. as <i>Chalicodoma</i>] SEC, 640m, 04-15-86, T&R Griswold, det. TLG '87 + Grapevine Spr., 925m, 04-13-86, T&RG & Oak Cr., 1100m, ex <i>Prosopis juliflora</i> , 04-14-86, T&RG & HS, 560m, 04-14-86, T&RG (BBNP card file)
<i>Megachile poliaris</i> Say	TeC, 650m, 04-16-86, T&R Griswold & Wasp Spr., 925m, 04-15-86, ex <i>Acacia greggii</i> , T&RG (BBNP card file) + [orig.det. <i>Sayapis</i>] Muskhog Spr., (4-9) ex <i>Diospyros texanum</i> , 06-11-37, RHB, det. Mitchell
<i>Megachile rossi</i> Mitchell	Mule Ears Spr., 920m, 04-15-86, T&R Griswold, det. TLG '87 + Cottonwood Cr., 1100m, 04-13-86, T&RG & CS, 1020m, 04-13-86, T&RG & Gov't Spr., 1200m, 04-13-86, T&RG & MEO, 920m, 04-15-86, T&RG (BBNP card file)
<i>Megachile sidalceae</i> Cockerell	HS, 560m, 04-14-86, T&R Griswold, det. TLG '87 + TC, 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG + Wasp Spr., 925m, ex <i>Acacia greggii</i> , 04-15-86, T&RG (BBNP card file)
<i>Megachile spinotulata</i> Mitchell	[ident. as <i>Chalicodoma</i>] Government Spr., 1200m, 04-13-86, T&R Griswold & Oak Cr., ex <i>Dalea greggii</i> , 04-14-86, T&RG (BBNP card file)
<i>Megachile subexilis</i> Cockerell	[ident. as <i>Chalicodoma</i>] Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Megachile texana</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&RG, det. TLG '87 + Gov't & Mule Ears Spr., MEO + Sotol Overlook, TC + TeC, Santa Elena Crossing, 04/10-16/86, ex <i>Prosopis</i> & <i>Chilopsis</i> , T&RG (BBNP card file); on flowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Megachile zapoteca</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold, det. TLG '87
<i>Osmia cordata</i> Robertson	Mule Ears Spr., 920m, 04-15-86, T&R Griswold, det. TLG '87 + Grapevine Spr., 925m, 04-13-86, ex <i>Dalea formosa</i> , T&RG & Oak Canyon, 1400-1520m, 04-11-86, T&RG (BBNP card file)
<i>Osmia subfasciata</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87 + Gov't Spr., 1200m, 04-13-86, T&RG (BBNP card file)

<i>Trachusa cordaticeps</i> Michener	5 km E. Panther Junct., 6/20/92, 1000m, R.Minckley, det. R.Brooks '92
<i>Trachusa larreae</i> (Cockerell)	Tornillo Cr., 600m, 04-10-86, ex Larrea, T&R Griswold, det. TLG '87 + GS, 1200m, 04-13-86, T&RG & Oak Cr., 1190m, 04-14-86, T&RG (BBNP card file); BBNP? (Hurd, et al, 1980)
ANTHOPHORIDAE	
<i>Anthophora californica</i> <i>texana</i> Cresson	Sotol Overlook, 1225m, ex Tecoma, 04-15-86, T&R Griswold, det. TLG '87 + Oak Canyon, 1400-1520m, 04-11-86, T&RG & Wasp Spr., 925m, 04-15-86, T&RG (BBNP card file)
<i>Anthophora montana</i> Cresson	Oak canyon, 1400-1520m, 04-11-86, ex Asclepias, T&R Griswold (BBNP card file)
<i>Anthophora occidentalis</i> Cresson	Below Gano Spr., 1000m, 04-13-86, T&R Griswold (BBNP card file)
<i>Anthophora phenax</i> (Cockerell)	BBNP (TL Griswold, BBNP file, 1986)
<i>Anthophora squamulosa</i> Dours	[=A. <i>curta</i> Prov.] TeC, 650m, 04-16-86, T&R Griswold, det. TLG '87 + Santa Elena Crossing, 640m, 04-16-86, T&RG, det TLG '87 + HS, 560m, 04-14-86, T&RG & CC, 1100m, 04-13-86, T&RG & MEO. 860m, 04-15-86, T&RG (BBNP cards)
<i>Centris</i> sp. 1, sp.2	(sp. 1) UCC (64-12), ex <i>Diospyros texanum</i> (persimmon), 08-03-37, RHB; (sp. 2) Solis Ranch, 06-23-37, RHB + Oak Cr., 07-27-37, RHB (RHB, 1938)
<i>Centris atripes</i> Mocsary	Mule Ears Overlook, 860m, 04-15-86, T&R Griswold (BBNP card file)
<i>Centris caesalpinae</i> Cockerell	Pine Canyon, 7/8/92, B.Minckley, det. R.Brooks '92
<i>Centris cockerelli</i> Fox	Gov't Spr., 1200m, 04-13-86, ex Larrea, T&R Griswold, det. TLG '87 + Grapevine Spr., 925m, ex <i>Lupinus</i> , 04-13-86, T&RG & Oak Cr., 1190m, 04-14-86, T&RG & Tornillo Cr., 600m, 04-10-86, T&RG (BBNP card file)
<i>Centris mexicana</i> Smith	CB, 7/26/92, 1500m, R.Minckley, det. D.Yanega '92 [neomexicana?]
<i>Centris rhodopus</i> Cockerell	Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&R Griswold + Gov't Spr., 1200m, ex Larrea, 04-13-86, T&RG (BBNP card file) + CA, ex honey locust, 7/92, AVP, det. TLG '92
<i>Centris, near caesalpinae</i> Cockerell	Hot Springs, 560m, ex <i>Chilopsis linearis</i> , 04-14-86, T&R Griswold & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG & Wasp Spr., 925m, 04-15-86, T&RG (BBNP card file)
<i>Ceratina nanula</i> Cockerell	Gov't Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file)
<i>Ceratina neomexicana</i> Cockerell	Gov't Spr., 1200m, 04-13-86, T&R Griswold + Mule Ears Overlook, 860m, 04-15-86, T&RG + Oak Cyn., ex <i>Penstemon</i> , 1400-1520m, 04-11-86, T&RG + Sotol Overlook, 1225m, ex Tecoma, 04-15-86, T&RG (BBNP card file)
<i>Diadasia afflicta</i> Cockerell	Mule Ears Overlook, 860m, 04-15-86, T&RG (BBNP card file)
<i>Diadasia australis</i> <i>australis</i> (Cresson)	CB (27-23), in flower garden, 06-24-37, RHB, det Sandhouse + Gano Spr., ex <i>Cephalanthus occidentalis</i> , 06-13-37, RHB & PB, on cactus blooms, 06-19-37, RHB (RHB, 1938) + BBNP (Adlakha, 1969)
<i>Diadasia diminuta</i> (Cresson)	SoR (22-97), 06-23-37, RHB, det. Sandhouse + Santa Elena Crossing, 640m, 04-15-86, T&R Griswold, det. TLG '87 + Oak Cyn., 1400-1520m, 04-10-86, & TeC, 650m, 04-16-86, T&RG (BBNP card file) + Tenapin Tanks, TC (Adlakha, 1969)
<i>Diadasia enavata</i> (Cresson)	CA, Terlingua (Adlakha, 1969) + 15 km w. PJ, 7/3/92, R.Minckely, det. R. Brooks, '92
<i>Diadasia olivacea</i> (Cresson)	[?= <i>D. ochracea</i>] SEC & HS (Adlakha, 1969)
<i>Diadasia rinconis</i> Cockerell	TC, 600m, 04-10-86, ex <i>Opuntia</i> , T&R Griswold, det. TLG '87 + Grapevine Spr., 925m, 04-13-86 & MEO, 860m, 04-15-86 & Oak Cyn., 1400-1520m, 04-11-86 & below Gano Spr., 1000m, 04-13-86, all T&RG (BBNP file)
<i>Diadasia sphaeralcearum</i> Cockerell	TeC, 650m, 04-16-86, ex <i>Malva</i> , T&R Griswold, det TLG '87 + Oak Cyn., 1400-1520m, T&RG, det. TLG '87 + Santa Elena Crossing, 640m, 04-15-86, T&RG (BBNP card file) + Tornillo Cr. (Adlakha,

1969)

<i>Epeolus compactus</i> Cresson	Gov't Spr., 1200m, 04-13-86, T&R Griswold, det. TLG '87 + Oak Cyn., 1400-1520m, 04-11-86, T&RG & Santa Elena Crossing, 640m, 04-15-86, T&RG (BBNP card file)
<i>Epeolus mesillae</i> (Cockerell)	Oak canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, det. TLG '87
<i>Ericrocis lata</i> (Cresson)	CC, 1100m, 04-13-86, T&R Griswold, det. TLG '87 + Gov't Spr., 1200m, 04-13-86, T&RG & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG (BBNP card file) + 5 km E. PJ, 7/20/92. R.Minckley, det. D.Yanega '92
<i>Exomalopsis completa</i> Cockerell	GG, 1350m, 04-10-86, T&R Griswold & Mule Ears Overlook, 860m, 04-15-86, T&RG (BBNP card file)
<i>Exomalopsis solani</i> Cockerell	Oak Cr. (42-16), ex <i>Lippia ligustrina</i> , 07-11-37, RHB
<i>Melissodes</i> spp.	CB (27-25), in flower garden, 06-24-37, RHB + Mail Box Tank, 06-11-37, RHB (1938) + Loop Camp, ex Larrea, 03-18-87, BN Danforth (BBNP card file) + Mule Ears Spr., 920m, 04-15-86, T&R Griswold (BBNP card file)
<i>Melissodes communis</i> Cresson	HS, 560m, 04-14-86, T&R Griswold, det. TLG '87
<i>Melissodes coreopsis</i> Robertson	CM (LaBerge, 1961)
<i>Melissodes gilensis</i> Cockerell	Oak Canyon, 1400-1520m, ex <i>Penstemon</i> & <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, det. TLG '87 + Oak Cr., 1190m, 04-14-86, T&RG & Trap Spr., 870m, 04-15-86, T&RG (BBNP card file)
<i>Melissodes humilior</i> Cockerell	SEC (LaBerge, 1961)
<i>Melissodes montana</i> Cresson	BBNP (LaBerge, 1961)
<i>Melissodes relucens</i> LeBerge	[HOLOTYPE] (UCDC) DW, 8/54, Bohart (LaBerge, 1961)
<i>Melissodes submenuacha</i> Cockerell	HS (LaBerge, 1961)
<i>Melissodes tepaneca</i> Cresson	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold (BBNP card file)
<i>Melissodes tristis</i> Cockerell	TeC, 650m, 04-16-86, T&R Griswold, det. TLG '87 + Gov't Spr., 1200m, & HS, 560m, ex <i>Chilopsis</i> + MEO, 860m, & Oak Cr., 1190m, ex <i>Prosopis juliflora</i> , & Wasp Spr., 925m, all 04/13-16/86, T&RG (BBNP file cards)
<i>Melissodes verbesinarum</i> Cockerell	Wasp Spr., 925m, ex <i>Acacia greggii</i> , 04-15-86, T&R Griswold, det. TLG '87 + TeC, 650m, 04-16-86, T&RG (BBNP card file)
<i>Nomada</i> sp.	Rough Run (61-19), ex <i>Baccharia glutinosa</i> , 07-27-37, RHB
<i>Oreopasites</i> sp.	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Paranomada velutina</i> Linsley & Michener	5 km E. Panther Jct., 6/18/92, R.Minckley, det. D.Yanega '92
<i>Triepeolus</i> sp.A	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Prosopis juliflora</i> , T&R Griswold & Mule Ears Spr., 920m, 04-15-86, T&RG (BBNP card file)
<i>Triepeolus</i> sp.B	Wasp Spr., 925m, ex <i>Acacia greggii</i> , 04-15-86, T&R Griswold (BBNP card file)
<i>Triepeolus</i> sp.C	Mule Ears Spr., 920m, 04-15-86, T&R Griswold (BBNP card file)
<i>Triepeolus</i> sp.D	HS, 560m, 04-14-86, T&R Griswold (BBNP card file)
<i>Triepeolus</i> sp.E	Gov't Spr., 1200m, 04-13-86, T&R Griswold, & Oak Cyn., 1400-1520m, 04-11-86, T&RG, & Wasp Spr., 925m, ex <i>Acacia greggii</i> , 04-15-86, T&RG (BBNP card file)
<i>Triepeolus</i> sp.F	Gov't Spr., 1200m, 04-13-86, T&R Griswold, & Santa Elena Crossing, 640m, 04-15-86, T&RG, & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file)

<i>Triepeolus lunatus</i> (Say)	CB (60-9), ex <i>Lippia ligustrina</i> , 07-27-37, RHB
<i>Xeromelecta californica</i> (Cresson)	Government Spr., 1200m, 04-13-86, T&R Griswold (BBNP card file)
<i>Xylocopa californica arizonensis</i> Cresson	Boquillas (68-13), RHB + Chisos Pen, 06-14-37 & CB, 06-37, ex <i>Vaccuelinia corymbosa</i> & Solis Ranch, 06-23-37, RHB (1938) + GG, Oak Cr., MEO., Sotol Over., Oak Cyn., ex <i>Asclepias</i> & Penstemon, T&RG, 4/86 (BBNP cards)
<i>Xylocopa tabaniformis parkinsoniae</i> Cockerell	Cattail Falls, 1280m, 04-14-86, T&R Griswold (BBNP card file)
<i>Zacosmia maculata</i> (Cresson)	Cottonwood Cr., 1100m, 04-13-86, T&R Griswold (BBNP card file)
APIDAE	
<i>Apis mellifera</i> Linnaeus	Gov't Spr., GG, Mule Ears Overlook, Oak Cr., Oak Cyn., Terlingua Cr., Tornillo Cr., Wasp Spr., below Gano Spr., 600-1520m, ex <i>Prosopis juliflora</i> , <i>Dalea greggii</i> , <i>Chilopsis linearis</i> , 04/10-16/86, T&R Griswold (BBNP card file); lowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Bombus fervidus fervidus</i> (Fabricius)	BBNP, Manley (BBNP corr.)
<i>Bombus p. pennsylvanicus</i> (DeGeer)	[orig.det. <i>B. americanorum</i>] BBNP, 06-13-37, RHB; BBNP, 7/92, R.Minckley; [= <i>B. sonorus</i>][ident. as <i>Megabombus</i>] GS, 1200m, 04-13-86, T&RG, det. TLG '87 + GG, '59 WRMM, det. Miller '62 + Oak Cr. & OC, 4/86, T&RG (BBNP cards) + CM, 7/46, JNK + HS, 06-23-37, at light, RHB, det. A. Menke '91
TIPHIIDAE	
<i>Brachycystis</i> sp.	CA, 7/92, AVP, det. A.S.Menke '93
<i>Colocistis castanea</i> (Cresson)	Rock Hut (18-48), 06-18-37 and Boquillas (126-1) (Aug 4?), 08-12-37, RHB, det. Brachycystis by Mickel '38 + LJS, 06-23-37, at light, RHB (1938). Det. A. Menke '91
<i>Myzinum dubiosum</i> Cresson	[orig. det. Myzine dubiosa] Rough Run (61-15), 07-27-37, RHB
<i>Myzinum frontale</i> Cresson	SEC, on willow near River, 09-12-73, Radinovsky + [orig. det. Myzine frontale] Boquillas (55-55), ex <i>Salix taxifolia</i> , 07-22-37, RHB, det. Krombein '38
<i>Myzinum spilonotum</i> (Cameron)	[orig. det. Myzine spilonota] female, CB (70-19), 08-07-37, RHB, det. Krombein '38
<i>Neotiphia cockerelli</i> Allen	male, Rough Run (61-17, 61-16), ex <i>Baccharis glutinosa</i> , 07-27-37, RHB, det. Krombein '38
<i>Paratiphia</i> sp.	BBNP, 45-19, 20-6, 25-31, RHB, det. Krombein '38 -- from: near Fresno Spr., ex <i>Ricinus</i> , 06-21-37 + RH, 06-17-37 + LM, 2 mi E, ex <i>Chilopsis linearis</i> & Rough Run, ex <i>Baccharis glutinosa</i> , 07-27-37 & LJS, 06-23-37, RHB (1938)
<i>Paratiphia ehippiata</i> Allen	Wasp Spr., 925m, ex <i>Acacia greggii</i> , T&R Griswold + Gov't Spr., GG, HS, Mule Ears Overlook, Oak Cyn., TeC, Tornillo Cr., Trap Spr., 04/10-16-86, all T&RG (BBNP card file)
<i>Tiphia</i> sp.	Wasp Spring, 925m, 04-15-86, T&R Griswold (BBNP card file)
BRADYNOBAEIDAE	
<i>Chyphotes atriceps</i> Mickel	SEC, 04-25-53, BJ Adelson (Mickel, 1967)
<i>Chyphotes belfragei</i> (Blake)	SEC, 04-24-53, BJ Adelson (Mickel, 1967)
<i>Chyphotes gracilis</i> Mickel	[PARATYPES] (NMNH) SEC, 04-23-53, M.Wasbauer; [PARATYPES] (CUIC) SEC, 04-24-53, BJ Adelson (Mickel, 1967)
<i>Chyphotes incredulous</i> Mickel	SEC, 04-24-53, BJ Adelson (Mickel, 1967)

<i>Chyphotes mellipes</i> (Blake)	[= <i>attenuatus</i>] CB, 10-04-56, JW MacSwain (Mickel, 1967)
<i>Chyphotes mexicanus</i> Mickel	Santa Elean Canyon, 04-24-53, BJ Adelson + SEC, 07-26-37, RHB + CB, 10-04-56, JW MacSwain (Mickel, 1967)
<i>Chyphotes petiolatus</i> Fox	CM, 07-08-55, DJ&JN Knull (Mickel, 1967)
<i>Typhoctes striolatus</i> Krombein & Schuster	[ALLOTYPE] (NMNH) CB, 5400', 07/08-14/48, HE Evans, visiting honeydew on oak (Krombein & Schuster, 1957)
MUTILLIDAE	
<i>Dasymutilla calorata</i> Mickel	[PARATYPE, female] (NMNH, AMNH, KSUC) Marathon, July 1-2, 1916, Mickel (Mickel, 1928); CM, W.B. Phillips (Mickel, 1928); Brewster Co., June 1929 & 1931, Mickel (Mickel, 1936)
<i>Dasymutilla chiron</i> (Blake)	[= <i>D. ursula</i> var. <i>chiron</i>] Brewster County, June 13-17, 1908, Mitchell & Cushman (Mickel, 1928)
<i>Dasymutilla chisos</i> Mickel	[HOLOTYPE, male] (NMNH) CM, Brewster County, June 10-12, 1908, Mitchell & Cushman {PARATYPE, male} (CUIC, DEFW) CM, Brewster County, June 10-12, 1908, Mitchell & Cushman (Mickel, 1928)
<i>Dasymutilla corcyra</i> Mickel	BBNP, Hook (Hook, 1987), det. Menke
<i>Dasymutilla gloriosa</i> (Saussure)	CM, Brewster County, June 10-12, 1908, Mitchell & Cushman (Mickel, 1928); CA, 08-03-68, JEH (TAM) + BBNP (22-114), 06-23-37, RHB, det. Mickel '38 (TAM) + CA 7/87, AVP
<i>Dasymutilla klugii</i> (Gray)	[NEOTYPE, female] (NMNH) Rio Grande, Brewster County, June 13-17, 1908, Mitchell & Cushman (Mickel, 1928); SEC, 07-01-88, AVP, det. AS Menke; CB, 07-03-88, AVP, det. ASM; (17-4), 06-15-37 + (19-2) (male), 06-17-37 + (68-17), female, 08-04-37, RHB, all RHB coll.'s det. Mickel '38 (Gray, 1832)
<i>Dasymutilla myrice</i> Mickel	CB, 08-15-68, JEH (TAM)
<i>Dasymutilla pseudopappus</i> (Cockerell)	BBNP, 99-3, 06-24-37 & 15-19, 06-23-37, RHB, both det. Mickel '38
<i>Dasymutilla stevensi</i> Mickel	CB, 07-23-68, JEH, det. DG Manley '88 (TAM)
<i>Dasymutilla sulcatulla</i> Mickel	[HOLOTYPE, female #40730] (NMNH) and [PARATYPES] (NMNH, DEFW) "Brewster Co., Texas, Rio Grande", 06/13-17/08, Mitchell & Cushman (Mickel, 1928)
<i>Dasymutilla vesta</i> (Cresson)	Brewster County, June 13-17, 1908, Mitchell & Cushman (Mickel, 1928)
<i>Dasymutilla vestita</i> (Lepeletier)	"Big Bend Reg.", summer, 1928, FFB (TAM)
<i>Dasymutilla zelaya</i> (Blake)	female, BBNP, 19-50 & 68-16, both RHB, det. Mickel '38
<i>Diplophotopsis concolor</i> (Cresson)	[orig. det. <i>Photopsis</i>] male, Rock Hut (19-43), 06-17-37, at lights, RHB, det. Mickel '38
<i>Myrmosa</i> sp.	Pine Canyon (41-5), 07-12-37, RHB
<i>Pseudomethoca albicoma</i> Mickel	[HOLOTYPE] (NMNH #26210) "Rio Grande, Brewster County". 06/13-17/08, Mitchell & Cushman (Mickel, 1924)
<i>Pseudomethoca brazoria</i> (Blake)	Marathon, 07/01-02/16, (Mickel, 1924)
<i>Pseudomethoca contumax</i> (Cresson)	"Rio Grande, Brewster County", 06/13-17/08, Mitchell & Cushman (Mickel, 1924)
<i>Pseudomethoca pigmentata</i> Mickel	[HOLOTYPE] (NMNH, #26207) CM, 06/10-12/08, Mitchell & Cushman + [PARATYPE] (NMNH) CM, WB Phillips (both Mickel, 1924) + CM, 07-04-30, HM Smith (Mickel, 1935) + Kibbee Spr. (3-1), 06-10-37, RHB, det. Mickel '38
<i>Pseudomethoca propinqua</i> (Cresson)	Boquillas (68-15), 08-04-37, RHB, det. Mickel '38 + Marathon, 06/13-17/08, Mitchell & Cushman (Mickel, 1924)
<i>Sphaerophthalma</i> sp.	GG, 5500', 6/72, AVP, det. Menke + CA, 7/92, det. Menke '93

<i>Sphaerophthalma</i> sp.A	Wasp Spr., 925m, 04-15-86, T&R Griswold (BBNP card file)
<i>Sphaerophthalma</i> sp.B	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Sphaerophthalma difficilis</i> (Baker)	BBNP, 18-48, 126-1, RHB, [det. <i>S. castaea</i> (Cr.) by Mickel '38]. Det. A. Menke '91
<i>Timulla navasota coahuila</i> Krombein	[orig. det. <i>T. navasota nebulosa</i>] Rock Hut (19-1), ex <i>Chilopsis linearis</i> , 06-17,37, RHB, det. Mickel '38
POMPILIDAE	
<i>Ageniella</i> sp.	BBNP, Griswold (BBNP file list, 1986)
<i>Ageniella accepta</i> (Cresson)	"Rio Grande in Brewster County" (Townes, 1957)
<i>Ageniella arcuata</i> (Banks)	Boquillas Canyon, male, 06/04-11/76, HE Evans (BBNP file report, 1976)
<i>Ageniella partita</i> Banks	Boquillas Canyon, males, 06/04-11-76, HE Evans (BBNP file report)
<i>Agenioideus humilis</i> (Cresson)	BBNP, Griswold (BBNP file list, 1986)
<i>Anoplius americanus ambiguus</i> (Dahlbom)	Boquillas Canyon & SEC, males and females, 06/04-11/76, HE Evans (BBNP file report) + Santa Elena Can., females, 04/24-25/53, MS Wasbauer, MSW Coll.
<i>Anoplius cleora</i> (Banks)	SEC, females, 04/23-25/53, MS Wasbauer Coll.
<i>Anoplius clystera</i> (Banks)	Boquillas Canyon, male, 06/04-11/76, HE Evans (BBNP file report) + SEC, females, 04/23-24/53, MS Wasbauer Coll.
<i>Anoplius cylindricus</i> (Cresson)	Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&R Griswold (BBNP card file)
<i>Anoplius marginatus</i> (Say)	[orig. det. <i>Pompiloides</i>] Solis Ranch (22-82), female, 07-23-37, RHB
<i>Anoplius nigrinus</i> (Dahlbom)	Trap Spr., 870m, 04-15-86, T&R Griswold (BBNP card file)
<i>Anoplius semirufus</i> (Cresson)	Boquillas Canyon, male, 07/04-11/76, HE Evans (BBNP file report)
<i>Aporinellus basalis</i> Banks	Boquillas Canyon, female, 06/04-11/76, HE Evans (BBNP file report)
<i>Aporinellus fasciatus</i> (Smith)	[=A. <i>unionis</i> , A. Menke '91] Grapevine Hills, 925m, 04-13-86, T&R Griswold (BBNP cards) + Lower Blue Cr. (24-52), female, 07-28-37, RHB
<i>Aporinellus taeniatus</i> (Kohl)	[=A. <i>t. taeniatus</i> (DT)] Boquillas Canyon area, male and females, 06/04-11/76, HE Evans (BBNP file report) [det. A. <i>t. taeniatus</i> (Kohl) by Evans '76]
<i>Auplopus nigrellus</i> (Banks)	Boquillas Canyon & SEC, males, 06/04-11/76, HE Evans (BBNP file report)
<i>Auplopus variolarum</i> Townes	CB, 5400', 1948, Evans (Townes, 1957)
<i>Ceropales cubensis albopicta</i> Cresson	Boquillas Canyon, SEC, male and females, 06/04-11/76, HE Evans (BBNP file report)
<i>Chalcochares engleharti</i> (Banks)	Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&R Griswold, det. Washbauer '87
<i>Cryptocheilus severini</i> Banks	SEC, male, 06/04-11/76, HE Evans (BBNP file report)
<i>Episyron conterminus posterus</i> (Fox)	Boquillas Canyon, SEC, males, 06/04-11-76, HE Evans (BBNP file report)
<i>Evagetus padrinus minusculus</i> (Banks)	Boquillas Canyon, 06/04-11/76, HE Evans (BBNP file report)
<i>Hemipepsis ustulata ustulata</i> Dahlbom	Panther Jct., 35-4000', 05-03-59, WRM Mason, det. Mason '62 + Glenn Spr. (Townes, 1957)

<i>Minagenia montisdorsa</i> Dreisbach	Boquillas Canyon, males, 06/04-11/76. HE Evans (BBNP file report)
<i>Notocyphus dorsalis</i> <i>dorsalis</i> Cresson	Oak Canyon, 1400-1529m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold (BBNP card file)
<i>Pepsis chrysothemis</i> <i>chrysothemis</i> Lucas	"Big Bend region of Texas" (Townes, 1957)
<i>Pepsis formosa</i> (Say)	[orig. det. <i>P. nephele</i> Luc.] Rock Hut (19-29), male, ex <i>Chilopsis linearis</i> , 06-17-37, RHB, det. JEG '38
<i>Pepsis formosa</i> Say	Burros Mesa, Dawson Cr., COS. Host is theraphosid spider <i>Aphonopelma steindachneri</i> (Orthognatha: Therasphosidae), Punzo
<i>Pepsis p. pallidolimbata</i> Lucas	[= <i>P. bequaert</i>] Panther Jct., 3500-4000', 05-06-59, WRM Mason, det Mason '62 + SEC, 2100', 05-05-59, WRMM, det. MacAlpine + 9PD, 3000'. WRMM, det. Mason '62 + Muskog Spr, RH, nr. Lone Mt., 1937, RHB (1938); on flowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Pepsis thisbe</i> Lucas	TC, 600m, 04-10-86, T&R Griswold (BBNP card file); Study Butte, Lajitas, Terlingua (Punzo, 1994a, 1994b). Host is tarantula spider larvae, (<i>Aphonopelma</i> [= <i>Dugesia</i>] <i>echina</i> ; on flowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Poecilopompilus i.</i> <i>interruptus</i> (Say)	Boquillas Canyon, males, 06/04-11/76, HE Evans (BBNP file report, 1976)
<i>Pompilus arctus</i> Cresson	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Pompilus tarascanus</i> Evans	? Oak Canyon, 04-11-86, T&R Griswold (BBNP card file)
<i>Pompilus tlahuicanus</i> Evans	Tornillo Cr., 04-10-86, T&R Griswold (BBNP card file)
<i>Priocnemis cornica</i> (Say)	BC, males, 06/04-11/76, HE Evans (BBNP file report) + SEC, 04-24-53, females, MS Wasbauer, MSW Coll.
<i>Sericopompilus</i> <i>neotropicalis</i> (Cameron)	SEC, male, 06/04-11/76, HE Evans (BBNP file report)
<i>Tachypompilus</i> <i>ferrugineus torridus</i> (Smith)	[orig. det. <i>Arachnophroctnus</i>] Oak Cr. (73-6), 08-12-37, RHB, det. JE Gillaspay '38
SCOLIIDAE	
<i>Campsomeris dorsata</i> (Fabricius)	CA, 7/92, AVP, det. A.S.Menke '93
VESPIDAE	
<i>Ancistrocerus</i> <i>tuberculocephalus</i> (Saussure)	Oak Canyon, 1400-1520m, male, 04-11-86, on <i>Prosopis juliflora</i> , T&R Griswold, det. TLG '87
<i>Cephalodynerus sculleni</i> Parker	[HOLOTYPE, male] (CASC #9007) BBNP, 9/60 (Parker, 1965)
<i>Dolichodynerus</i> <i>tanynotus</i> (Cameron)	Santa Elena crossing, 640m, T&R Griswold (BBNP card file)
<i>Dolichodynerus vandykei</i> Bohart	Government Spr., 1200m, 04-13-86, T&RG & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG (BBNP card file)
<i>Eumenes</i> sp.	K-Bar, 03-15-71, AVP
<i>Eumenes aureus</i> Isely	Trap Spr., 870m, male, 04-15-86, T&R Griswold, det. TLG '87 + GS, 1200m, & MES, 920m, & Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , & Santa Elena Cross., 640m & Trap Spr., 870m, 04/11-15/86, all T&RG (BBNP card file)
<i>Eumenes bolli</i> Cresson	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, det. TLG '87 + Trap Spr., 870m., 04-15-86 & Oak Cr., 1190m, 04-14-86 & TC, 600m, 04-10-86, all T&TG (BBNP card file) + CA, 7/92, AVP, det Menke '93

<i>Euodynerus</i> sp.	CA, 7/92, AVP, det. Menke '92
<i>Euodynerus annulatus</i> (Say)	GS, 1200m, 04-13-86 & below Gano Spr., 100m, 04-13-86, both T&R Griswold, det. TLG '87 + Hot Spr., 560m, 04-14-86 & Santa Elena Crossing, 640m, 04-15-86 & Terlingua Cr., 650m, 04-16-86, T&RG (BBNP card file)
<i>Euodynerus auranus</i> (Cameron)	Terlingua Cr. 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Euodynerus boscii</i> (Lepeletier)	Oak Cr., 1190m, 04-14-86, T&R Griswold & Mule Ears Spr., 920m, 04-15-86, T&RG (BBNP card file)
<i>Euodynerus crypticus</i> (Say)	Santa Elena Crossing, 640m, 04-15-86, T&RG (BBNP file)
<i>Euodynerus hidalgo</i> (Saussure)	Terlingua Cr., 650m, 04-16-86, T&R Griswold, det. TLG '86 + Tornillo Cr., 600m, 04-10-86, T&RG, det. TLG '86
<i>Euodynerus pratensis</i> (Saussure)	Tornillo Cr., 600m, 04-10-86, T&R Griswold, det. TLG '86 + Terlingua Cr. 650m, 04-16-86, T&RG & MES, 920m, 04-15-86, T&RG & Trap Spr., 870m, 04-15-86, T&RG, det. TLG '86 (BBNP card file)
<i>Gastrodynerus vanduzeei</i> (Bohart)	Oak Canyon, 1400-1520m, 04-11-86, ex <i>Dalea greggii</i> , TLG, det. TLG '87 + Trap Spr., 870m, 04-15-86, TLG, det. TLG '86
<i>Leptochilus bellulus</i> (Cresson)	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Leptochilus brachialis</i> Parker	[METATYPES] BBNP, 9/60 (Parker, 1966)
<i>Leptochilus electus</i> (Cresson)	Mule Ears Overlook, 860m, 04-15-86, T&R Griswold (BBNP card file)
<i>Leptochilus ferrugineus</i> Parker	[PARATYPES] (OSUO) BBNP, 9/60 (Parker, 1966); Mule Ears Overlook, 860m, 04-15-86, T.Griswold, det. F.Parker '87
<i>Leptochilus irwini</i> Parker	MEO, 860m, 04-15-86. T&R Griswold, det. F.Parker '87 + Gov't Spr., 1200m & Grapevine Spr., 925m & HS, 560m & Terlingua Cr., 650m, & Tornillo Cr., 600m, 04/13-16/86, all T&RG (BBNP card file)
<i>Leptochilus minutissimus</i> (Bohart)	Oak Canyon, 1400-1520m, 04-11-86, on <i>Prosopis juliflora</i> , T&R Griswold, det. F.Parker + Tornillo Cr., 600m, 04-10-86, T&RG, det. F. Parker
<i>Leptochilus trachysomus</i> (Bohart)	BBNP (Parker, 1966)
<i>Leptochilus washo</i> Parker	GS, 1200m, 04-13-86, males & females, T&R Griswold, det. F.Parker + Oak Canyon, 1400-1520m, 04-11-86, T&RG & Sotol Overlook, 1225m, 04-15-86, T&RG (BBNP card file)
<i>Maricopodynerus maricoporum</i> (Viereck)	Tornillo Cr., 600m, 04-10-86, T&R Griswold, det. TLG '87 + Grapevine Spr., 925m, 04-13-86, T&RG + Terlingua Cr., 650m, 04-16-86, T&RG, det. TLG '87 (BBNP card file)
<i>Maricopodynerus</i> , sp. (prob. new)	MEO, 860m, & Mule Ears Spr., 920m, ex <i>Acacia greggii</i> , & Oak Cr., 1190m, & Oak Cyn., 1400-1520m, ex <i>Prosopis juliflora</i> & Terlingua Cr., 650m & Tornillo Cr., 600m & Wasp Spr., 925m, 04/11-16/86, T&RG (BBNP card file)
<i>Microdynerus singulus</i> (Bohart)	Oak Creek, 1190m, 04-14-86, ex <i>Prosopis juliflora</i> , T&R Griswold, det. TLG, '87 + TeC, 650m, 04-16-86, T&RG, det. TLG '87 (BBNP card file)
<i>Mischocyttarus flavitarsus</i> (Saussure)	Oak Canyon, 1400-1520m, ex <i>Penstemon</i> , 04-11-86, T&RG (BBNP card file)
<i>Pachodynerus praecox</i> Saussure)	[= <i>P. acuticarinatus</i>] Oak Canyon, 1400-1520m, 04-11-86, T&R G (BBNP card file)
<i>Parancistrocerus bicornis cushmani</i> (Bohart)	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R G (BBNP card file)
<i>Parancistrocerus minimiferus</i> (Bohart)	Tornillo Cr., 600m, 04-10-86, T&R Griswold, det. TLG '87 + MES, 920m, 04-15-86, T&RG (BBNP card file)
<i>Parancistrocerus texensis</i> (Saussure)	Santa Elena Crossing, 640m, 04-15-86, T&R Griswold, det. TLG '87 + Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> , 04-10-86, T&RG, det. TLG '87
<i>Parancistrocerus toltecus</i> (Saussure)	Mule Ears Spr., 920m, 04-15-86, T&R Griswold, det. TLG '87 + Oak Creek, 1190m, ex <i>Prosopis juliflora</i> , 04-14-86, T&RG, det. TLG '87 + HS, 560m & Oak Cyn. & TeC, 650m & TC, 600m & Wasp Spr., 4/86, T&RG (BBNP cards)

<i>Polistes</i> sp. (<i>fuscatus</i> group)	Window Trail, 05-23-78, C.Porter & A.Cerbone (TAM)(2)
<i>Polistes apachus</i> Saussure	SEC, 2100', W.Mason, det. Miller
<i>Polistes comanchus comanchus</i> Saussure	Oak Canyon, 1400-1520m, ex <i>Prosopis juliflora</i> , 04-11-86, T&R Griswold, det. TLG '87 + Grapevine Hills and Burro Mesa, Nelson (1969) + GG, 5000', W.Mason, det. Miller + RGV, SEC Window Tr.,(TAM)(18)+ CA, AVP
<i>Polistes dorsalis</i> (Fabricius)	[orig. det. P. hunteri] Oak Spr., 4500', 05-14-59, WRMM, det. CD Miller '62 + WT, 05-24-78, C.Porter & A.Cerbone (TAM)
<i>Polistes dorsalis californicus</i> Bohart	Oak Creek, 1190m, 04-14-86, T&R Griswold, det. TLG '87 + CF, 1280m & Gov't Spr., 1200m & GG, 1350m & MES, 920m & Santa Elena Cross., 640m, & Tornillo Cr., 600m & below Gano Spr., 1000m, 4/86, T&RG (BBNP card file)
<i>Polistes exclamans</i> Viereck	GG, 5000', 05-06-59, WRM Mason, det. CD Miller '62 + Old Ranch House at Burro Mesa, 8-9/68, Nelson & Crowell (1969) + Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold (BBNP card file)
<i>Polistes flavus</i> Cresson	Wilson's Blue Creek Ranch, 8-9/68, Nelson & Crowell (1969) + Mule Ears Spr., 920m, 04-15-86 & Trap Spr., 870m, 04-15-86 & below Gano Spr., 1000m, 04-13-86, T&R Griswold (BBNP card file) + CA, 7/92, AVP, det. Menke '93
<i>Polistes fuscatus centralis</i> Hayward	BBNP, Nelson & Crowell (1969) + Oak Cr, 1190m, 04-14-86 & Cattail Falls, 1280m, 04-14-86 & Gov't Spr., 1200m, 04-13-86, all T&R Griswold (BBNP card file)
<i>Polistes major major</i> Beauvois	[= <i>P. major</i> var. <i>bakeri</i> Bequaert] [ALLOTYPE] (NMNH) BBNP (Beauvois, 1818); GG, 5000', ex <i>Nolina</i> , 05-18-59, WRM Mason, det. CD Miller '62; WT, 05-23-78, C.Porter & A.Cerbone (TAM)
<i>Stenodynerus</i> sp.	SEC, 05-23-78 (4)(TAM) & Window Trail, 05-23-78 (12)(TAM) both C.Porter & A.Cerbone
<i>Stenodynerus apache</i> Bohart	Oak Canyon, 1400-1520m, 04-11-86, T&R Griswold, det. TLG '87 + Mule Ears Spring, 920m, 04-15-86, T&RG, det. TLG '87 + Basin Jct., 4km NW, + Gov't Spr. + GG + HS + Oak Cr + TeC + below Gano Spr, 4/86, T&RG (BBNP cards)
<i>Stenodynerus lixovestis</i> Bohart	Tornillo Cr., 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Stenodynerus microstictus</i> (Viereck)	Santa Elena Crossing, 640m, 04-15-86, T&RG, det. TLG '87 + below Gano Spr., 1000m, 04-13-86, T&RG (BBNP card file)
<i>Stenodynerus ochrogonius</i> Bohart	Oak Canyon, 1400-1520m, ex <i>Penstemon</i> , 04-11-86, T&R Griswold (BBNP card file)
<i>Stenodynerus percampanulatus</i> (Viereck)	Tornillo Cr., 600m, 04-10-86, T&R Griswold (BBNP card file)
<i>Stenodynerus rudus</i> Bohart	Terlingua Cr., 650m, 04-16-86, T&R Griswold (BBNP card file)
<i>Stenodynerus superpendentis</i> Bohart	Oak Canyon, 1400-1520m, 04-11-86, TLG, det. TLG '87 + Grapevine Spr., 925m, 04-13-86, T&RG (BBNP card file)
<i>Stenodynerus toas</i> (Cresson)	TeC, 650m, 04-16-86, T&R Griswold, det. TLG '87 + Oak Canyon, 1400-1520m, 04-11-86, T&RG, det. TLG '87 + MES, 920m, 04-15-86 & Tornillo Cr., 600m, ex <i>Chilopsis linearis</i> and <i>Tamarix</i> , 04-10-86, T&RG (BBNP card file)
<i>Stenodynerus valliceps</i> Bohart	HS, 560m, 04-14-86, T&R Griswold (BBNP card file)
FORMICIDAE	[Taxonomy largely follows Bolton, 1995]
<i>Acromyrmex versicolor chisosensis</i> Wheeler	[SYNTYPES] (AMNH, MCZC) CM, O.W. Williams (Wheeler, 1907)
<i>Acromyrmex versicolor versicolor</i> (Pergande)	characteristic in moist, open arroyos, 1969-70, AVP, det D. Smith (Van Pelt, 1983)
<i>Amblyopone pallipes</i> (Haldeman)	high forest; under rocks, 1969-70, AVP (1983), det AVP
<i>Aphaenogaster albisetosa</i> Mayr	grassland, canyon; usually at base of bush near dry stream bed, 1969-70, AVP (1983), det. A. Cole

<i>Aphaenogaster boulderensis smithi</i> Gregg	grassland; nests under rocks, 1969-70, AVP (1983), det. D.Smith
<i>Aphaenogaster cockerelli</i> Andre	grassland; nests at base of bushes near dry stream bed, 1969-70, AVP (1983), det. A. Cole
<i>Aphaenogaster texana texana</i> (Emery)	canyons, pinyon, high forest, widespread, nests in soil and under rocks, 1969-70, AVP (1983), det. D.Smith
<i>Brachymyrmex depilis</i> Emery	grassland, pinyon, canyons, high forest, 1969-70, AVP (1983), det. AVP
<i>Camponotus (Colobopsis) impressus</i> Roger	Many nests in oak galls and twigs (Cokendolpher & Francke, 1990)
<i>Camponotus (Colobopsis) pylartes</i> Wheeler	canyons, pinyon-pine, and more common in high forest, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Camponotus (Colobopsis) sp.</i>	canyons, nests arboreal, 1969-70, AVP (1983), det. AVP
<i>Camponotus acutirostris</i> Wheeler	BBNP (NMNH)
<i>Camponotus americanus</i> Mayr	Panther Pass, 1978, Francke
<i>Camponotus cuauhtemoc</i> Snelling	CM; Oak Spr. (LACM)
<i>Camponotus decipiens</i> Emery	[orig. det. <i>C. sayi</i> Em. by DR Smith; redet. by Smith '91] common in pinyon-pine & canyons, 1969-70, AVP (1983)
<i>Camponotus festinatus</i> (Buckley)	nests in soil and under rocks, common in grasslands and pinyon-pine, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Camponotus ocreatus</i> Emery	canyons, pinyon-pine, high forest, nests under rocks, 1969-70, AVP, (1983), det. DR Smith
<i>Camponotus texanus</i> Wheeler	common in canyons & high forest, nests in soil, 1969-70, AVP (1983), det. AVP
<i>Cerapachys augustae</i> Wheeler	rare, canyons; under rocks, 1969-70, AVP, det. AVP
<i>Crematogaster browni</i> Buren	canyons; nests under rocks and arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Crematogaster colei</i> Buren	canyons; rare, arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Crematogaster depilis</i> Wheeler	canyons, pinyon-pine, high forest, abundant, nests in soil, under rocks & arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Crematogaster emeryana</i> Creighton	CB Pass, 1978, OF Francke (BBNP file list, 1979)
<i>Crematogaster isolate</i> Buren	pinyon-pine, canyons, high forest, nests in soil, under rocks, & arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Crematogaster laeviuscula</i> Mayr	CA, Glenn Spr., OF Franke (BBNP file list, 1979)
<i>Crematogaster minutissima missuriensis</i> Emery	grassland; nests in soil, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Crematogaster punctulata</i> Emery	canyons, pinyon-pine, high forest, abundant, nests in soil & under rock, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Cyphomyrmex wheeleri</i> Forel	grassland, canyons; nests in soil, 1969-70, AVP (1983), det. AVP
<i>Dorymyrmex bicolor</i> Wheeler	[= <i>Conomyrma pyramicus</i> var. <i>bicolor</i>] grassland, pinyon, canyons; nests in soil with a crater, 1969-70, AVP (1983), det. AVP
<i>Dorymyrmex flavus</i> McCook	BBNP, COS, in open and under rocks and grass, with termites (Cokendolpher & Francke, 1990)
<i>Dorymyrmex insana</i> (Buckley)	[= <i>Conomyrma</i>] abundant in grassland, pinyon, and also in canyons; nests with a crater in soil, AVP, det. DR Smith (Van Pelt, 1983)
<i>Forelius mccooki</i> McCook	[= <i>F. foetida</i> (Buckley), det DR Smith] grassland, pinyon, canyon; nests in soil & under rock, 1969-70 (AVP, 1983)

<i>Forelius pruinosus</i> (Roger)	[= <i>Iridomyrmex pruinosus analis</i> , det DR Smith] grassland, pinyon, canyon; nests in soil, 1969-70 (AVP, 1983)
<i>Forelius pruinosus pruinosus</i> (Roger)	[= <i>Iridomyrmex pruinosus</i> , det DR Smith] grassland; nests under rocks, 1969-7, (AVP, 1983)
<i>Formica neogagates</i> Emery	CA, 1978, Francke
<i>Formica perpilosa</i> Wheeler	SEC, 1988, AVP, det. DR Smith
<i>Hypoponera opaciceps</i> (Mayr)	grassland; nests in soil, 1969-70, AVP (1983), det. AVP
<i>Hypoponera opacior</i> (Forel)	more common in canyons, nests under rocks, 1969-70, AVP (1983), det. AVP
<i>Hypoponera punctatissima</i> (Roger)	Dugout Wells, CB, Pine Canyon, 1978, Francke
<i>Lasius sitiens</i> Wilson	pinyon-pine, nests under rocks, 1969-70, AVP, det. DR Smith
<i>Liometopum apiculatum</i> Mayr	canyons, pinyon-pine, high forest, grassland, nests in soil, under rocks & arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Monomorium minimum</i> (Buckley)	grassland, pinyon-pine, canyons, high forest, nests in soil & under rocks, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Monomorium viride</i> Brown	[= <i>M. v. peninsulatum</i> Gregg] grassland, pinyon-pine, canyons, high forest, nests in soil, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Myrmecocystus depilis</i> Forel	Paint Gap, campsite road, 07-07-84, AVP, det. DR Smith '84 + Nine Point Draw area, 5" crater, frass on crater rim, 07-21-85, AVP, det. DR Smith '86
<i>Myrmecocystus melliger</i> Forel	grassland, pinyon, canyons; nests in soil, 1969-70, AVP (1983) + Paint Gap & near CB Lodge, 07-10-84, AVP
<i>Myrmecocystus placodops</i> Forel	desert areas, nests in soil, 1969-70, AVP, det DR Smith
<i>Neivamyrmex harrisii</i> (Haldeman)	high forest, nests under rocks, 1969-70, AVP, det. DR Smith (Van Pelt, 1983)
<i>Neivamyrmex minor</i> (Cresson)	BBNP above 1400 meters (Cokendolpher & Francke, 1990)
<i>Neivamyrmex nigrescens</i> (Cresson)	grasslands, pinyon, canyons; nests in soil and leaf litter & under rocks, 1969-70, AVP (1983) det. AVP
<i>Neivamyrmex opacithorax</i> (Emery)	canyons; nests under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Neivamyrmex texanus</i> Watkins	Paint Gap, near campsite #1, raiding <i>Pheidole hyatti</i> Em., 07-23-84, AVP, det. DR Smith '84
<i>Odontomachus clarus</i> Roger	grassland, canyons, pinyon-pine, high forest, nests under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Paratrechina austroccidua</i> Trager	grassland, pinyon-pine, canyons, high forest, nests under rock, 1969-72, AVP, orig. det. <i>P.</i> , prob. <i>melanderi</i> , DR Smith
<i>Paratrechina bruesii</i> (Wheeler)	grassland, pinyon-pine, canyons, high forest, nests under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Paratrechina terricola</i> (Buckley)	[= <i>melanderi</i>] In soil, under rocks & logs, 1969-72, AVP - keys to "melanderi" and "bruesii" are confused
<i>Paratrechina vividula</i> (Nylander)	1969-72, AVP - identifications have been confused re <i>vividula</i> , "melanderi", and <i>faisonensis</i>
<i>Pheidole</i> sp., near <i>lamia</i> Wheeler	grassland, canyon; nests in soil, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole ceres</i> Wheeler	grassland; nests under rock, 1969-72, AVP, det. AVP (Van Pelt, 1983)
<i>Pheidole clydei</i> Gregg	grassland, pinyon; nests in soil & under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole cockerelli</i> Wheeler	grassland; nests common in soil & under rocks, 1969-72, AVP , det. DR Smith (Van Pelt, 1983)
<i>Pheidole crassicornis</i> tetra Wheeler	11/24-25/72, P. Mundel (BBNP file corr.)

<i>Pheidole dentata</i> Mayr	Rio Grande Village, 1978, OF Francke (BBNP file list, 1979)
<i>Pheidole desertorum</i> Wheeler	grassland, pinyon, canyon; nests in soil & under rock, 1969-72, AVP (1983), det. WS Creighton
<i>Pheidole hyatti hyatti</i> Emery	grassland, pinyon, canyons, high forest; nests in soil & under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole micula</i> Wheeler	grassland; nests under rock, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole porcula</i> Wheeler	[SYNTYPES] (AMNH, MCZC) CM, O.W. Williams (Wheeler, 1908); grassland, pinyon, canyon; nests under rocks, 1969-72, AVP, det. AC Cole (Van Pelt, 1983)
<i>Pheidole rugulosa</i> Gregg	grassland; nests in soil, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole sciophila</i> Wheeler	grassland, canyon; nests under rock, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole titanis</i> Wheeler	[SYNTYPES] (AMNH, MCZC) CM, OW Williams (Wheeler, 1903); grassland, nests in soil -- raiding nests of <i>Tenuirostritermes cinereus</i> (Buckley), 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole vallicola</i> Wheeler	pinyon, canyon; nests with craters in soil & under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pheidole xerophila xerophila</i> Wheeler	grassland, canyon; nests in soil and with craters, 1969-72, AVP, det. WS Creighton (Van Pelt, 1983)
<i>Pogonomyrmex apache</i> Wheeler	grassland; nest opening small hole in soil, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pogonomyrmex barbatus</i> (F. Smith)	grassland, pinyon-pine, canyons, high forest, nests in open areas, with mound, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pogonomyrmex bigbendensis</i> Francke & Merickel	[HOLOTYPE] (CASC) RGV, 565m, 07-30-78 OF Francke (Francke & Merickel, 1981) CA, ranger residence area, crater 2.5 in. dia. in pebbly soil, 07-03-88, AVP, det. DR Smith '88
<i>Pogonomyrmex californicus</i> (Buckley)	grassland; nests in soil bet. rocks & under grass tufts, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pogonomyrmex desertorum</i> Wheeler	characteristic in <i>Tridens</i> assoc., nests in soil with or without mound & under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Pogonomyrmex imberbiculus</i> Wheeler	grassland; nests in soil & under rocks, 1969-72 AVP, det. DR Smith (Van Pelt, 1983) + Burro Mesa, under rock -- alates of another species present under same rock, 07-28-84, AVP, det. DR Smith '84
<i>Pogonomyrmex maricopa</i> Wheeler	grassland, nests in soil, 1969-72, AVP, (1983), det. AC Cole + river area near Barker House, 07-17-85, AVP, det. DR Smith
<i>Pogonomyrmex rugosus</i> Emery	nests in soil with mounds & under rocks with dirt piled to the side, 1969-72, AVP, det. DR Smith (Van Pelt, 1983) + 9 pt. Draw, 06-18-84, AVP, det. DR Smith '84 + San Vicente road, 07-10-85, AVP, det. DRS '86 + Rio Grande Village area, 07-23-85, AVP, det. DRS
<i>Ponera exotica</i> MR Smith	Cattail Falls + Pine Canyon + Oak Canyon, in leaf litter, montane forests, BBNP, 6/88, RSA, det. MacKay (MacKay & Anderson, 1991)
<i>Ponera pennsylvanica</i> Buckley	nests in soil, 1969-72, AVP (1983), det. AVP
<i>Prenolepis imparis arizonica</i> Wheeler	canyons, pinyon-pine, high forest, nests under rocks, 1969-72, AVP (1983), det. AVP
<i>Pseudomyrmex pallidus</i> (Smith)	grassland, canyon; 1969-72, AVP (1983), det. WS Creighton
<i>Solenopsis aurea</i> Wheeler	grassland, pinyon, canyon; nests in soil with craters & under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Solenopsis krockowi</i> Wheeler	Pine Canyon, 1978, Francke
<i>Solenopsis molesta</i> (Say)	pinyon-pine, canyons, high forest, nests under rocks, 1969-72,, AVP, det. DR Smith (Van Pelt, 1983)
<i>Solenopsis picta</i> Emery	BBNP, 1978, Francke
<i>Solenopsis salina</i> Wheeler	Rio Grande Village, 1978, Francke

<i>Solenopsis xyloni</i> McCook	pinyon-pine, nests under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Stenamma huachuanum</i> M.R. Smith	high forest; nests under rocks, 1969-72, AVP, det. DR Smith (Van Pelt, 1983)
<i>Strumigenys louisianae</i> Roger	Pine Canyon, 1978, Francke
<i>Tapinoma sessile</i> (Say)	BBNP, 11/24-25/72, Peter Mundel (BBNP file letter)
<i>Temnothorax andersoni</i> Mackay	[HOLOTYPE] (MCZC) CF, 6-IX-1988, RSA; [PARATYPES, workers] (CWEM, NMNH); PC, 6-IX-1988, RSA (Mackay, 2000); [=Leptothorax, Bolton, 2003]
<i>Temnothorax carinatus</i> Cole	canyons, pinyon-pine, high forest, nests under rocks, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax cokendolphi</i> Mackay	CF, 6-IX-1988, RSA, from mixed hardwood leaf litter; [=Leptothorax, Bolton, 2003]
<i>Temnothorax hispidus</i> Cole	pinyon-pine, nests in soil, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax neomexicanus</i> Wheeler	[= <i>L. tricarinatus neomexicanus</i> Wh., det. DR Smith] pinyon, canyons; nests arboreal, 1969-70, AVP (1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax nitens</i> Emery	grassland, pinyon-pine, high forest, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax pergandei</i> <i>pergandei</i> Emery	grassland, pinyon, canyons; nests in soil, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax rugatulus</i> Emery	canyons, pinyon-pine, high forest, nests in soil, under rocks & arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax schaumii</i> Roger	canyons, pinyon-pine, high forest, nests arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Temnothorax terrigena</i> Wheeler	canyons, pinyon-pine, high forest, nests arboreal, 1969-70, AVP, det. DR Smith (Van Pelt, 1983); [=Leptothorax, Bolton, 2003]
<i>Tetramorium hispidum</i> (Wheeler)	Paint Gap, dump site, alates present, 07-12&13-88, AVP, det. DR Smith
<i>Tetramorium spinosum</i> (Pergande)	[orig. det. <i>T. spinosus</i> insons (Wh.) by DR Smith and <i>T. spinosus wheeleri</i> Forel by AC Cole; redet. by Smith '91] grassland, pinyon-pine, canyons, high forest, nests under rocks, 1969-72, AVP (1983)
<i>Trachymyrmex arizonensis</i> (Wheeler)	pinyon; nests under rocks, 1969-72, AVP (1983), det. NA Weber
<i>Trachymyrmex septentrionalis</i> (McCook)	grassland, canyon; nests in soil, 1969-72, AVP (1983), det. AVP
<i>Trachymyrmex smithi smithi</i> Buren	grassland; nests under rocks, 1969-72, AVP (1983), det. AVP
<i>Trachymyrmex turricornis</i> (Wheeler)	grassland, canyon; nests in soil, 1969-72, AVP (1983), det. AVP

TRICHOPTERA

GLOSSOSOMATIDAE

<i>Protophila alexanderi</i> Ross	Rio Grande, IV, DE Bowles
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HYDROPTILIDAE

<i>Agraylea</i> sp.	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
<i>Agraylea multipunctata</i> Curtis	Tornillo Creek (Lind, O.T. and C.A.Bane, 1975)
<i>Alisotrichia arizonica</i> (Blickle & Denning)	Window + Window Spr., VIII, DE Bowles (Bowles, D.E, S.C. Harris & J. Bueno-Soria, 1998)

<i>Hydroptila angusta</i> Ross	TeC, IV,VI, DE Bowles; TeC, 06-01-93, J Gelhaus, det. O Flint '94
<i>Hydroptila arctia</i> Ross	Window + Window Spr., IV-V, De Bowles; OS, 05-21-93 + WT, 04-05-93, J Gelhaus, det. O Flint '94
<i>Hydroptila icona</i> Mosely	Rio Grande + TeC, IV, DE Bowles
<i>Hydroptila protera</i> Ross	Window + TeC, IV,VIII, DE Bowles; TeC, 04-01-93 + WT, 04-02-93, J Gelhaus, det. O Flint '94
<i>Hydroptila</i> sp (larvae only)	Cottonwood Cr. + Tusk Spr., III-IV, DE Bowles
<i>Leucotrichia limpia</i> Ross	BuS + GnS, IV,VIII, DE Bowles; WT, 04-05-93, J Gelhaus, det. O Flint '94
<i>Mayatrichia</i> sp.	Rio Grande Village, Tornillo Creek (Lind & Bane, 1975)
<i>Mayatrichia acuna</i> Ross	BuS + DW + PJ road + Rio Grande + TeC, IV,VI,X, DE Bowles; TeC, 06-01-93, J Gelhaus, det. O Flint '94
<i>Mayatrichia ayama</i> Mosely	DW + Rio Grande + TeC, II,IV,VI,X, DE Bowles; TeC, 06-01-93, J Gelhaus, det. O Flint '94
<i>Neotrichia minutisimella</i> (Chambers)	TeC, VI, DE Bowles; TeC, 06-01-93, J Gelhaus, det. O Flint '94
<i>Neotrichia sonora</i> Ross	Neville Spr., IV, DE Bowles
<i>Ochrotrichia</i> sp. (near <i>flagellata</i> Flint)	RGV, 04-02-93, J Gelhaus, det. O Flint '94
<i>Ochrotrichia boquillas</i> Moulton & Harris	[HOLOTYPE, male] (NMNH) GnS, 18-IV-1993, R. Garono {PARATYPES} (ANSP) same as holotype; RGV, 2-IV-1993, J. Gelhaus & D. Koenig (Moulton & Harris, 1997)
<i>Ochrotrichia capitana</i> Ross	Double Spr., VIII, DE Bowles
<i>Ochrotrichia dactylophora</i> Flint	Window + Window Spr., IV-VI, VIII, DE Bowles; OS, 05-21-93 + WT, 04-05-93, J Gelhaus, det. O Flint '94
<i>Ochrotrichia ridleyi</i> (Hagen)	Lajitas Ford, 2320', blacklite, 07-19-85, A.Brigham
<i>Ochrotrichia rothi</i> Denning & Blickle	Window + Window Spr., IV-V, DE Bowles; OS, 05-21-93 + WT, 04-05-93, J Gelhaus, det. O Flint '94
<i>Ochrotrichia spinulata</i> Denning & Blickle	Window, IV, DE Bowles; WT, 04-05-93, J Gelhaus, det. O Flint '94
<i>Ochrotrichia tarsalis</i> (Hagen)	Rio Grande, IV, DE Bowles
<i>Oxyethira</i> sp.	Tornillo Creek, Boquillas Beaver Marsh 1 (Lind, O.T. and C.A.Bane, 1975)
<i>Oxyethira aculea</i> Ross	Holly Spr. + Melody Spr. + Rio Grande, IV, DE Bowles; RGV, 04-02-93, J Gelhaus, det. O Flint '94
<i>Oxyethira azteca</i> (Mosely)	Rio Grande, IV, DE Bowles

PHILOPOTAMIDAE

<i>Chimarra adella</i> Denning	BuS + Grapevine Spr. + GnS + Window Spr. + Rio Grande, II,IV,VI,VIII, DE Bowles
<i>Chimarra angustipennis</i> (Banks)	GnS, V, DE Bowles
<i>Chimarra ridleyi</i> Denning	Lajitas Ford, 2320', 07-19-85, blacklite, A.Brigham; CF, 05-21-93 + OS, 05-12-93 + WT, 04-2-93, J Gelhaus, det. O Flint '94
<i>Chimarra utahensis</i> (Ross)	GnS, V, DE Bowles
<i>Wormaldia</i> sp.	OS, 06-01-93, J Gelhaus, det. O Flint '94
<i>Wormaldia arizonensis</i> (Ling)	Celaya Spr. + Grapevine Spr. + Window + PJ road, II-VI,VIII,XI, DE Bowles; WT, 04-05-93 + OS, 04-21-93, J Gelhaus, det. O Flint '94

HYDROPSYCHIDAE	
<i>Cheumatopsyche</i> sp.	Tornillo Creek, Rio Grande Village (Lind, O.T. and C.A.Bane, 1975)
<i>Cheumatopsyche campyla</i> Ross	Lajitas Ford, 2320', 07-19-85, blacklite, A.R.Brigham; Rio Grande, IV, DE Bowles
<i>Cheumatopsyche lasia</i> Ross	Rio Grande + TeC, IV, VI, DE Bowles; TeC, 06-01-93, J Gelhaus, det. O Flint '94
<i>Hydropsyche</i> sp.	Rio Grande, pond, 03/10-11/71, det: D.Nye
<i>Smicridea dispar</i> (Banks)	Lajitas Ford, 2320', 07-19-85, blacklite, A.Brigham
<i>Smicridea fasciatella</i> McLachlin	Lajitas Ford, 2320', 07-19-85, A.Brigham; Rio Grande, IV, DE Bowles
<i>Smicridea signata</i> (Banks)	Rio Grande & TeC, IV,VI,X, DE Bowles; TeC, 06-01-93, J Gelhaus, det. O Flint '94
POLYCENTROPODIDAE	
<i>Polycentropus halidus</i> Milne	Window + Window Spr., IV-VI,VIII, DE Bowles; OS, 06-01-93, J Gelhaus, det. O Flint '94
LIMNephilidae	
<i>Limnephilus</i> sp. (Larvae only)	Cottonwood Cr. + Dripping Spr. + Gan Spr. + Lorn Spr. + Rock Spr., II,VIII, DE Bowles
HELICOPSYCHIDAE	
<i>Helicopsyche</i> sp. (nr. <i>borealis</i> Hagen)	WT, 04-05-93 + OS, 05-21-93 + TeC, 04-01-93, J Gelhaus, det. O Flint '94
<i>Helicopsyche borealis</i> (Hagen)	Tornillo Creek, (Lind, O.T. and C.A.Bane, 1975); Menagerie Spr. + Window above pour-off + Window Spr. + Rio Grande + Santa Spr. + Ter;ingua Cr., IV-V & VIII, DE Bowles
LEPTOCERIDAE	
<i>Nectopsyche</i> sp.	TeC, 06-01-93, J Gelhaus, det. O Flint '94
ODONTOCERIDAE	
<i>Marilia flexuosa</i> Ulmer	[or <i>M. mexicana</i> (Banks)] Bee Spr. + BuS + Double Spr. + Goat Spr. (Harte Ranch) + Grapevine Spr. + Mano Spr. + Neville Spr. + NR, east spr. + Window + Window Spr. + Tres Spr., II-VIII, DE Bowles; WT, 04-05-93 + OS, 05-12-93, J Gelhaus, det. O Flint '94
<i>Marilia nobbsca</i> Milne	Window + Window pour-off + Window Spr. + Tres Spr., II,IV, DE Bowles
CALAMOCERATIDAE	
<i>Phylloicus aeneus</i> (Hagen)	Window + Window pour-off + Window Spr., IV-VI, DE Bowles; WT, 04-01-93 + OS, 05-12-93 + CF, 05-21-93, J Gelhaus, det. O Flint '94 (see Bowles & Flint, 1997)
LEPIDOPTERA	
NEPTICULIDAE	
<i>Stigmella</i> sp. 1	KB-XI
TISCHERIIDAE	
<i>Stigmella</i> sp. 2	GG-V, ECK

<i>Tischeria</i> sp. 1	GG-VIII, XI
<i>Tischeria</i> sp. 2	KB-XI; RGV-XI
INCURVARIIDAE	[Species once listed here are now under Prodoxidae]
PRODOXIDAE	
<i>Agavenema barberella</i> (Busck)	GG-V
<i>Mesepiola specca</i> Davis	GG-VI
<i>Prodoxus</i> sp.	Dagger Flat, on <i>Yucca carnerosana</i> , Pellmyr
<i>Prodoxus coloradensis</i> Riley	Bogus Yucca moth, Dagger Flat, on <i>Yucca carnerosana</i> , Pellmyr; KB-III; RGV-III
<i>Prodoxus</i> <i>quinquepunctellus</i> (Chambers)	Dagger Flat, on <i>Yucca rostrata</i> , Pellmyr
<i>Tegeticula</i> sp. (<i>yuccasella</i> complex)	Persimmon Gap, on <i>Yucca torreyi</i> (non-pollinator), Pellmyr
<i>Tegeticula carnerosanella</i> Pellmyr	[HOLOTYPE] (NMNH) Dagger Flat Rd., 6.5 mi fr. Rte 385, about 800m, among flowering <i>Yucca carnerosana</i> , U-V light, 20.30 - 22.15 hours, 24.iv.1997, 29deg 30.946min N, 103deg 03.011min W (Pellmyr); [PARATYPES] same data as holotypes, 10m, 10f (Pellmyr, 1999)
<i>Tegeticula corruptrix</i> Pellmyr	GG, 28.v.1981, 1f, Knudson; HS, 4.iv.1984, 1m, Knudson; nr. Nugent Mt., 6-10.iv.1967, 1m, 1f, Blanchard; Persimmon Gap, 14- 16.iv.1994, 2m, 1f, Pellmyr & Augenstein (Pellmyr, 1999)
<i>Tegeticula elatella</i> Pellmyr	[HOLOTYPE] (NMNH) Persimmon Gap, on flower of <i>Yucca elata</i> , 700-800m, 5.v.1994, N29deg.33-39min., W103deg 8-9min, Pellmyr & Augenstein; [PARATYPES] same data as holotypes, 2m: same locality, 4.v.1995 + 5m, 1f, same locality, 3.v.1995, 2m, 1f (Pellmyr, 1999)
<i>Tegeticula rostratella</i> Pellmyr	{HOLOTYPE} (NMNH) Black Gap WMS, Black Gap Ranch, 690m, creosote desert, in flower of <i>Yucca rostrata</i> , 2.v.1994, N 29 deg 33min, W 102deg 57min, Pellmyr and Augenstein; {PARATYPES} same data as holotype, 10m, 10f (Pellmyr, 1999)
<i>Tegeticula yuccasella</i> (Riley)	Yucca Moth; GG-V; KB-III; RGV-III; HS-III; Dagger Flat, on <i>Yucca carnerosana</i> , Pellmyr
TINEIDAE	
<i>Acrolophus bicornutus</i> Hasbrouck	DW-V, VI
<i>Acrolophus cockerelli</i> (Dyar)	KB-VIII; GG-VI; OS-VI
<i>Acrolophus cressoni</i> (Walsingham)	KB-VIII; OS-VI
<i>Acrolophus furcatus</i> (Walsingham)	KB-VIII
<i>Acrolophus griseus</i> (Walsingham)	DW-IX
<i>Acrolophus kearfotti</i> (Dyar)	NM-IV, IX, X; DW-III, VIII, IX; KB-III, VIII, IX, UTC-V; OS-VI
<i>Acrolophus macrogaster</i> <i>unipectinicornis</i> Hasbrouck	[Hasbrouck] GS-IX
<i>Acrolophus minor</i> (Dyar)	CB-III; GG-VI
<i>Acrolophus popeanella</i> (Clemens)	RGV-VIII

<i>Acrolophus punctellus</i> (Busck)	[=Neolophus] DW-V
<i>Acrolophus sinclairi</i> Hasbrouck	[=A. s. nelsoni] GG-V,VI
<i>Acrolophus texanella</i> (Chambers)	GG-VI; OS-VI
<i>Acrolophus variabilis</i> (Walsingham)	DW-IX; HS-VIII; KB-VIII
<i>Acrolophus vauriei</i> Hasbrouck	GS-IX
<i>Amydria arizonella</i> Dietz	GG-X
<i>Amydria margoriella</i> Dietz	RGV-X,XI; OS-VI; GG-VI
<i>Amydria obliquella</i> Dietz	KB-V,IX; OS-V
<i>Amydria onagella</i> (Dietz)	GG-X,XI; KB-XI
<i>Dorata lineata</i> (Walsingham)	NM-IX; KB-III; GG-VI
<i>Dorata sp., near lineata</i> (Walsingham)	KB-XI
<i>Dyotopasta yumaella</i> (Kearfott)	GG-VI,X,XI; CB-VIII; GS-X; KB-III,IX,X,XI; NM-X; DW-XI; RGV-XI; DW-V, CA-V
<i>Hypoplesia busckiella</i> (Dietz)	DW-VIII
<i>Lepyrotica sp.</i>	DW-XI
<i>Opogona arizonensis</i> Davis	GG-IX; CB-X
<i>Tinea apicimaculella</i> Chambers	OS-VI; KB-XI
<i>Tinea occidentella</i> Chambers	OS-IV
<i>Xylesthia pruniramiella</i> Clemens	RGV-IV,XI; OS-IV; GG-VI; KB-X
PSYCHIDAE	
<i>Oiketicus townsendi</i> <i>dendrokomos</i> Jones	GG-V; GS-V
LYONETIIDAE	[<i>Bucculatrix</i> in Bucculatrigenidae, as per Poole][Lyonetiidae as per Knudson]
<i>Bucculatrix sp. 1</i>	GG-XI
<i>Bucculatrix sp. 5</i>	DW-XI
<i>Bucculatrix latella</i> Braun	DW-XI
<i>Bucculatrix sororcula</i> Braun	GG-XI
<i>Bucculatrix sphaeralceae</i> Braun	KB-XI
<i>Philonome sp.</i>	GG-V, ECK
<i>Cameraria sp. 2</i>	GG-V, ECK

GRACILLARIIDAE

<i>Acrocercops</i> sp. 1	GG-XI
<i>Acrocercops</i> sp. 2	GG-XI
<i>Acrocercops</i> <i>quinquestrigella</i> (Chambers)	HS-IV
<i>Cameraria</i> sp.	GG-XI; PJ-XI
<i>Marmara</i> sp.	GG-XI
<i>Phyllonorycter</i> <i>basistrigella</i> Clemens	GG-V, ECK
<i>Phyllonorycter</i> sp. 1	GG-XI
<i>Phyllonorycter</i> sp. 2	GG-XI
OECOPHORIDAE	[Includes former Ethmidiae as Ethmiinae]
<i>Agonopterix</i> sp.	GG-VI
<i>Antaeotricha furcata</i> (Walsingham)	GG-III
<i>Antaeotricha lindseyi</i> (Barnes & Busck)	GG-V, VI
<i>Depressariodes gracilis</i> Walsingham	DW-XI; RGV-XI
<i>Durrantia piperatella</i> (Zeller)	GG-V, VI
<i>Ethmia angustalatella</i> Powell	NM-IV; OS-V
<i>Ethmia apicipunctella</i> (Chambers)	NM-IV
<i>Ethmia delliella</i> Fernald	CB-V, ECK
<i>Ethmia discostrigella</i> (Chambers)	GG-III, V, VI, IX; CB-III, VI, X
<i>Ethmia epileuca</i> Powell	NM-IX; RGV-XI
<i>Ethmia hagenella</i> (Chambers)	GG-III
<i>Ethmia longimaculella</i> <i>coranella</i> Dyar	BBR-III
<i>Ethmia mimihagenella</i> Powell	CB-III
<i>Ethmia mirusella</i> (Chambers)	GS-IX; GG-VI
<i>Ethmia semilugens</i> (Zeller)	PG-III; OS-VI
<i>Inga concolorella</i> (Beutenmuller)	OS-III
<i>Machimia trigama</i> (Meyrick)	GG-V, VI
<i>Psilocorsis</i> <i>cryptolechiella</i> (Chambers)	GG-VIII
<i>Psilocorsis fatula</i> Hodges	[PARATYPE] (NMNH) Panther Pass, 22-V-73, Hodges (Hodges, 1975); GG-VI

<i>Psilocorsis quercicella</i> Clemens	GG-VI,VIII
<i>Pyramidobela</i> sp.	KB-XI
ELACHISTIDAE	
<i>Elachista</i> ? sp.	GG-V, ECK
<i>Mendesia metaxea</i> Kaila	[HOLOTYPE] (NMNH) KB, 1-IV-73, Hodges (Kaila, 1995)
LECITHOCERIDAE	
<i>Deoclona</i> sp.	[<i>D. yuccasella</i> Busck ??] [placed in Gelechiidae by some authors] RGV-IV
BLASTOBASIDAE	
<i>Holcocera gigantella</i> Chambers	NM-IX; CB-IX,XI; GG-IX; KB-XI
<i>Holocera</i> sp.	KB-XI
COLEOPHORIDAE	
<i>Batrachedra concitata</i> Meyrick	KB-XI
<i>Batrachedra enormis</i> Meyrick	KB-III,XI
<i>Batrachedra hegeter</i> Hodges	DW-XI
<i>Batrachedra scitator</i> Hodges	PG-IV; PJ-XI
<i>Coleophora</i> sp. 1	NM-IX
<i>Coleophora</i> sp. 2	KB-X
MOMPHIDAE	
<i>Mompha</i> sp.	GG-VI
<i>Mompha murtfeldtella</i> (Chambers)	CS-IV
<i>Mompha rufocristatella</i> (Chambers)	KB-III
AGONOXENIDAE	
<i>Tetranocentria</i> <i>bipunctella</i> Chambers	[=Aetia] RGV-X
COSMOPTERIGIDAE	
<i>Anoncia</i> sp.	GG-XI
<i>Anoncia aciculata</i> (Meyrick)	Study Butte-XI; KB-III,XI
<i>Anoncia callida</i> Hodges	GG-VI
<i>Cosmopterix chalybaeela</i> Walsingham	NM-VIII
<i>Cosmopterix chisosensis</i> Hodges	[HOLOTYPE][ENDEMIC to BBNP] (NMNH) GG, 2-VI-75, Hodges [PARATYPE] (NMNH) Panther Pass, 6-VI-75, Hodges (Hodges, 1978)

<i>Cosmopterix montisella</i> Chambers	GG-III
<i>Cosmopterix pulchrimella</i> Chambers	GG-V
<i>Cosmopterix</i> <i>quadri-lineella</i> Chambers	PJ-X
<i>Perimede grandis</i> Hodges	GS-IX; NM-IX; PJ-XI
<i>Periploca</i> sp.	GG-XI
<i>Periploca orichalcella</i> (Clemens)	RGV-XI
<i>Periploca repanda</i> Hodges	[HOLOTYPE] (NMNH) NM, 4-VI-73, Hodges (Hodges, 1978); OS, ECK
<i>Periploca soror</i> Hodges	[HOLOTYPE] [ENDEMIC to BBNP] GG, 6-VI-73, Hodges (Hodges, 1978)
<i>Siskiwitia alticolans</i> Hodges	NM-VIII
<i>Stagmatophora</i> <i>sexnotella</i> (Chambers)	KB-VIII; RGV-III
<i>Stilbosis venifica</i> (Hodges)	CM
<i>Synploca gumia</i> Hodges	CB
<i>Teladoma helianthi</i> Busck	DW-X
<i>Walshia miscecolorella</i> (Chambers)	GG-VI; KB-III,X; NM-III
SCYTHRIDIDAE	
<i>Arotrura longissima</i> JF Landry	KB-XI
<i>Neoscythris fissirostris</i> (Meyrick)	CB-VI; KB-XI
<i>Scythris</i> sp. 3	CB-VI
<i>Scythris</i> sp. 4	GG-X,XI
<i>Scythris mixaula</i> Meyrick	GG-XI
<i>Scythris piratica</i> Meyrick	NM-VIII
<i>Scythris trivinctella</i> (Zell.)	DW-XI; RGV-XI; KB-XI; GG-XI
GELECHIIDAE	
<i>Anacampsis</i> sp.	OS-VI
<i>Anacampsis fullonella</i> (Zeller)	RGV-X; KB,light fixture
<i>Anacampsis</i> <i>lacteusochrella</i> (Chambers)	KB-III
<i>Anacampsis paltodoriella</i> Busck	HS-III; KB-XI; GG-XI
<i>Aristotelia elegantella</i> (Chambers)	RGV-XI; GG-XI

<i>Aristotelia hexacopa</i> Meyrick	KB, light fixture
<i>Aristotelia iospora</i> Meyrick	GG-XI
<i>Aristotelia ochroxysta</i> Meyrick	RGV-XI; KB-IV
<i>Aroga paulella</i> (Busck)	CS-III
<i>Aroga unifasciella</i> (Busck)	CB-VIII
<i>Calliprora sexstrigella</i> (Chambers)	OS-III
<i>Chionodes abdominella</i> (Busck)	CB-IV; KB-XI
<i>Chionodes aruns</i> Hodges	[PARATYPES] (NMNH, TAMU) CB, GG-V,VI + CB-III, Kendall, Blanchard & Knudson (Hodges, 1999)
<i>Chionodes cautor</i> Hodges	[HOLOTYPE] (NMNH) GG-XI, ECK; [PARATYPES] DW-VI, GS-VI, KB-XI, ECK (Hodges, 1999); CB-X
<i>Chionodes delitor</i> Hodges	[HOLOTYPE] (NMNH) KB-IV, ECK (Hodges, 1999); HS-IV; GG-IX; Terlingua Ranch-III
<i>Chionodes dentella</i> (Busck)	RGV-XI
<i>Chionodes fructuarius</i> (Braun)	CS-IV
<i>Chionodes helicostictus</i> (Meyrick)	GG-X
<i>Chionodes innox</i> Hodges	[PARATYPE] (NMNH) CB-X-86, ECK (Hodges, 1999)
<i>Chionodes kinkaidella</i> (Busck)	OS-IV
<i>Chionodes mariona</i> (Heinrich)	GS-X; KB-XI
<i>Chionodes meddix</i> Hodges	[PARATYPE] (NMNH) BIBE-V-50, EC Johnson (Hodges, 1999)
<i>Chionodes phalacrus</i> (Walsingham)	Brewster Co., probably BIBE area
<i>Chionodes powelli</i> Hodges	[HOLOTYPE] OS-VI
<i>Chionodes rector</i> Hodges	[PARATYPE] (NMNH) GG-V-73, Blanchard (Hodges, 1999)
<i>Chionodes secutor</i> Hodges	[PARATYPE] (NMNH) OS- VI, ECK (Hodges, 1999); CB-X,XI; DW-VI
<i>Chionodes sevir</i> Hodges	[PARATYPES] (NMNH & ECK Coll.) GG-V, OS-VI (Hodges, 1999); GG-VI
<i>Chionodes trichostola</i> (Meyrick)	GG-VI
<i>Chionodes trophella</i> (Busck)	RGV-X
<i>Chionodes xanthophiella</i> (Barnes & Busck)	BIBE-IV-86, ECK
<i>Coleotechnites sp. 1</i>	KB-XI
<i>Coleotechnites sp. 2</i>	GG-XI
<i>Compsolechia</i> <i>crescentifasciella</i> (Chambers)	NM-IX
<i>Deltophora glandiferella</i> (Zeller)	KB-X

<i>Deltophora sella atacta</i> (Meyrick)	GG-III,XI; RGV-XI; KB-XI
<i>Dichomeris delotella</i> Busck	OS-VI; KB-III,X
<i>Dichomeris georgiella</i> (Walker)	GG-III,VIII,X,XI; CB-III
<i>Dichomeris mica</i> Hodges	[HOLOTYPE] (NMNH) Panther Pass, 2-VI-73, Hodges (Hodges, 1986); GG-VI; OS-VI, ECK
<i>Dichomeris setosella</i> (Clemens)	GG-V; GS-IX
<i>Dichomeris simpliciella</i> (Busck)	GG-VI,XI; OS-VI; PJ-XI; KB-XI
<i>Dichomeris vindex</i> Hodges	GG-V,X; NM-IX; KB-III; OS-III
<i>Epilechia catalinella</i> (Busck)	DW-IX; NM-IX
<i>Eudactylota iobapta</i> (Meyrick)	GG-III,VI, PG-III; KB-III
<i>Evippe prunifoliella</i> Chambers	CS-IV
<i>Faculta inaequalis</i> (Busck)	RGV-X
<i>Filatima</i> sp.	GG-XI
<i>Filatima albilorella</i> (Zeller)	KB-III; GS-III; GG-III; DW-III
<i>Filatima arizonella</i> (Busck)	OS-V,VI; NM-V; CB-III
<i>Filatima catacrossa</i> (Meyrick)	OS-VI
<i>Filatima collinearis</i> (Meyrick)	OS-VI; RGV-XI; DW-XI; KB-XI
<i>Filatima fuliginea</i> (Meyrick)	CB-IV; GG-VI
<i>Filatima gomphopis</i> Meyrick	Terlingua Ranch-III
<i>Filatima isocrossa</i> (Meyrick)	GS-X; GG-XI; KB-XI
<i>Filatima neotrophella</i> (Heinrich)	OS-VI
<i>Filatima nucifer</i> (Walsingham)	DW-V
<i>Filatima obidenna</i> Clarke	CB-III; KB-III
<i>Filatima</i> <i>obscurousuffusella</i> (Chambers)	[=Gelechia] GG-V
<i>Filatima striatella</i> (Busck)	CB-IV
<i>Friseria</i> sp.	RGV-XI; DW-XI; KB-XI; GG-XI
<i>Friseria caieta</i> Hodges	OS-III
<i>Friseria cockerelli</i> (Busck)	RGV-X,XI; KB-III; DW-XI; GG-XI
<i>Frumenta nephelomicta</i> (Meyrick)	Study Butte-XI
<i>Gelechia</i> sp.	RGV-XI; DW-XI; KB-XI; GG-XI

<i>Gelechia bianulella</i> (Chambers)	GG-III,V,XI
<i>Gelechia gracula</i> (Meyrick)	RGV-XI; DW-XI; KB-XI
<i>Gnorimoschema</i> sp. 1	BBR-III
<i>Gnorimoschema</i> sp. 1	BBR-III
<i>Gnorimoschema</i> sp. 2	OS-VI
<i>Gnorimoschema</i> <i>saphirinella</i> (Chambers)	RGV-X
<i>Helcystogramma</i> <i>chambersella</i> (Murtfeldt)	RGV-X
<i>Hypatima zesticops</i> (Meyrick)	DW-XI; KB-XI; GG-X
<i>Isophrictis</i> sp.	RGV-X
<i>Lita dialis</i> Hodges	GS-V; KB-V; DW-III; GG-XI
<i>Lita rectistrigella</i> (B & Bsk)	CB-VIII
<i>Lita texanella</i> (Chambers)	GG-III,VI; NM-IX; CB-III
<i>Naera fuscocristatella</i> Chambers	GG-VI
<i>Neodactylota snellenella</i> (Wals.)	GG-VI
<i>Pectinophora gossypiella</i> (Saund.)	Pink Bollworm; RGV-X
<i>Polyhymno</i> sp. 1	GG-VI
<i>Polyhymno acaciella</i> Busck	RGV-III
<i>Polyhymno luteostrigella</i> Chambers	HS-III; RGV-III
<i>Pseudochelaria</i> <i>pennsylvanica</i> Dietz	GG-VI,VIII
<i>Rifseria fuscotaeniella</i> (Chambers)	CB-X; OS-III
<i>Scrobipalpula</i> <i>henshawiella</i> (Busck)	GG-XI
<i>Sophronia roseicrinella</i> Busck	NM-IX
<i>Sophronia teretracma</i> Meyrick	CB-III; GG-V,VI,XI; DW-III; KB-XI
<i>Sriferia</i> sp. 1	GG-XI
<i>Sriferia cockerella</i> (Busck)	GG-IX
<i>Stegasta</i> sp. (not <i>bosqueella</i> (Chambers)	CA-V
<i>Stegasta bosqueella</i> (Chambers)	RGV-X
<i>Symmetrischema</i> sp.	KB-XI; GG-XI

<i>Symmetrischema lectulifera</i> (Meyrick)	RGV-X; CB-X
<i>Symmetrischema striatella</i> (Murtfeldt)	RGV-X; GG-XI
<i>Syncopacma</i> sp. 1	CB-III
<i>Theisoa multifasciella</i> Chambers	GG-VI
<i>Theisoa pallidochrella</i> (Chambers)	GG-VI,XI; CB-XI
ALUCITIDAE	
<i>Alucita hexadactyla</i> Linnaeus	Six Plume Moth; GG-III,VI
CARPOSINIDAE	
<i>Carpocina niponensis ottawana</i> Kearfott	GG-X; CB-IX
PLUTELLIDAE	
<i>Plutella</i> sp. 1	GG-X,XI
<i>Plutella xylostella</i> (Linnaeus)	Diamondback Moth; CB-VI; OS-VI; DW-X,XI, Study Butte-XI; RGV-XI; KB-XI
<i>Ypsolopha</i> sp.	HS, III; PG, IV; OS, IV
<i>Ypsolopha barberella</i> (Busck)	PG-III
<i>Ypsolopha cockerella</i> (Busck)	HS-III
<i>Ypsolopha gerdanella</i> (Busck)	KB-X,XI; GG-XI
<i>Ypsolopha leptaula</i> (Meyrick)	KB-IV,XI; NM-IV,VIII; DW-XI; GG-XI
<i>Ypsolopha manella</i> (Busck)	GG-III
<i>Ypsolopha schwarziella</i> (Busck)	NM-IX; OS-VI; DW-XI
<i>Ypsolopha striatella</i> (Busck)	GG-X; KB-XI
<i>Ypsolopha uncinipunctella</i> (Busck)	PG-III; KB-XI; CB-VI; OS-VI; DW-X; GG-XI
ARGYRESTHIIDAE	
<i>Argyresthia</i> sp.	GG-V
<i>Argyresthia austerella</i> Zeller	GG-V, ECK
ATTEVIDAE	
<i>Atteva exquisita</i> Powell	GS-V; DW-V,IX; NM-X; KB-V,XI; CB-VI; RGV-X
YPONOMEUTIDAE	
<i>Atemelia aetherias</i> (Meyrick)	[=Orinympa] DW-III; RGV-XI
<i>Atteva punctella</i> (Cramer)	[reported as <i>A. exquisita</i>]; GS-V; DW-V,IX; NM-X; KB-V,XI; CB-VI; RGV-X

<i>Zelleria haimbachii</i> Busck	GG-VI
<i>Zelleria semitincta</i> Meyrick	GG-XI
HELIODINIDAE	
<i>Heliodines bella</i> (Chambers)	KB-III; HS-III
SESIIDAE	
<i>Alcathoe autumnalis</i> Englehardt	RGV, VIII-X
<i>Carmenta arizonae</i> (Beutenmuller)	CM-VIII, S.Kuba, 1977
<i>Carmenta subaeria</i> Edwards	GG, VIII-X
<i>Hymenoclea palmii</i> Beutenmuller	RGV, V-VIII
<i>Tirista argentifrons</i> Walker	CB, VIII [<i>Vitacea admiranda</i> Hy. Edwards may be a synonym of this, as per Knudson]
<i>Zenodoxus mexicanus</i> Beutenmueller	SEC-VIII, T.Friedlander, 1975; RGV, V-VIII; CB, V
<i>Zenodoxus rubens</i> Engelhart	CB, X; Study Butte, X
COSSIDAE	[Carpenter Moths]
<i>Comadia albistriga</i> (Barnes & McDunnough)	CB-III; NM-III; GS-V; KB-III, PG-III; DW-III; HS-III, SM-III; OS-III
<i>Comadia manfredi</i> (Neumoegen)	CS-III
<i>Comadia redtenbacheri</i> (Hammerschmidt)	GG-V; CB-III; KB-III
<i>Givira arbeloides</i> Dyar	DW, VIII, ECK
<i>Givira lucretia</i> Barnes & McDunnough	GG-VI; CB-VIII
<i>Givira theodori</i> (Dyar)	CA-V
<i>Hypopta palmata</i> Barnes & McDunnough	GG-X; DW-VIII
<i>Prionoxystus robiniae</i> (Peck)	RGV-III
TORTRICIDAE	
<i>Acroplectis haemanthes</i> Meyrick	KB-III
<i>Ahmosia galbinea</i> Heinrich	OS-IV
<i>Anopina eleonora</i> Obratzsov	CB-III; GG-III
<i>Anopina texasana</i> Blanchard & Knudson	[HOLOTYPE] (NMNH) [TYPE SERIES IN BBNP] CB-III, GG-III, IV, VI, ECK (Blanchard & Knudson, 1984a)
<i>Argyrotaenia</i> <i>montezumae</i> (Walsingham)	CB-III
<i>Bactra furfurana</i> (Haworth)	RGV-X

<i>Bactra verutana</i> Zeller	RGV-XI
<i>Catastega strigatella</i> Brown	[HOLOTYPE] (NMNH) CB, 29-III-82, ECK [PARATYPES] (NMNH, ECK Coll., MSUC) CB, III + GG-III, IV-VI, ECK, Blanchard (Brown, 1992)
<i>Choristoneura obsoletana</i> (Walker)	RGV-III
<i>Cochylis pimana</i> (Busck)	OS-VI; RGV-IV
<i>Cudonigera houstonana</i> (Grote)	GG-V
<i>Cydia latiferreana</i> (Walsingham)	GG-VI; CB-IX
<i>Cydia membra</i> (Heinrich)	OS-V,VI; GS-IX; DW-V; KB-V; RGV-III
<i>Decodes macswaini</i> Powell	[PARATYPES] (NMNH, U. Cal. Berk.) CB, 5-X-56, MacSwain + GG-X, Blanchard (Powell, 1980); CB-IX; GG-IX
<i>Dorithia semicircularana</i> (Fernald)	CB-III,V,VI,X; GG-III,V,VI,IX; OS-VI
<i>Durangarchips druana</i> (Walsingham)	CB-X
<i>Epagoge</i> sp.	GG-VI; CB-III,VIII
<i>Epiblema rudei</i> Powell	Terlingua Ranch-III
<i>Epiblema sosana</i> (Kearfott)	GG, V
<i>Epinotia</i> sp.	GG, V, VI
<i>Epinotia albicapitana</i> (Kearfott)	GG-VI,VIII
<i>Epinotia cerocarpana</i> (Dyar)	GG-VI
<i>Episimus argutatus</i> (Clemens)	GG-VI
<i>Eucosma agassizii</i> (Robinson)	GG-V
<i>Eucosma bobana</i> Kearfott	CB-III,VI,VIII; GG-III,VI
<i>Eucosma bolanderana</i> (Walsingham)	GG-V,VI; DW-III; OS-V,
<i>Eucosma eburata</i> Heinrich	CB-IV; NM-IV, GnS-X
<i>Eucosma galenapunctata</i> Kearfott	NM-VI
<i>Eucosma graziella</i> Blanchard	[HOLOTYPE, male] (NMNH) GG, 11-X-66, [PARATYPES] (NMNH) Grapevine Hill, 2-X-65 + OS, 4-X-65 + GG, 5-X-65 + DW, 3-X-66, Gov't Spr., 6-X-66 + NM, 9-IX-66, 3000' + GG, 11-X-66 Blanchard (Blanchard, 1968); PJ-IX; KB-X; DW-X
<i>Eucosma griselda</i> Blanchard & Knudson	[TYPE SERIES from BBNP]; KB-III; DW-III; CB-IV [HOLOTYPE, male] (NMNH) CB, 7-IV-67; [PARATYPES] (NMNH) CB, 11-V-67 & 12-V-66 & OS, 11-V-66 + 8-V-72 & GS, 27-III-71 + 13-V-66 & GG, 5-IV-67 + 31-III-71 + 3-V-72 + 2-VI-73 & KB, 22-III-71 + DW, 30-III-71, all A&ME Blanchard (Blanchard & Knudson, 1981)
<i>Eucosma mirosignata</i> Heinrich	KB-III,X; DW-IX; NM-IX; GS-IX, PG-III, CS-III
<i>Eucosma persolita</i> (Heinrich)	CB-IX
<i>Eucosma ridingsana</i> (Robinson)	CB-VIII

<i>Ofatulena duodecemstriata</i> (Walsingham)	OS-VI; DW-V,VI; NM-IV
<i>Pelochrista metariana</i> (Heinrich)	OS-VI
<i>Pelochrista palousana</i> (Kearfott)	NM-IX,X
<i>Pelochrista vandana</i> (Kearfott)	GG-IX
<i>Phaneta apacheana</i> (Walsingham)	KB-XI; GG-XI
<i>Phaneta griseocapitana</i> (Walsingham)	DW-XI
<i>Phaneta offectalis</i> (Hulst)	KB-III, CS-III
<i>Phaneta pallidicostana</i> (Walsingham)	KB-VIII
<i>Phaneta raracana</i> (Kearfott)	CB-VIII
<i>Phaneta stramineana</i> (Wlsm)	GG-XI
<i>Platynota labiosana</i> (Zeller)	CB-III,VI; GG-III
<i>Ptycholoma virescana</i> (Clemens)	GG-IX
<i>Sonia vovana</i> (Kearfott)	DW-VIII; GS-IX
<i>Sparganothis</i> sp. 1	GG-VI
<i>Sparganothis demissana</i> (Walsingham)	NM-IX
<i>Suleima baracana</i> (Kearfott)	CB-VI; RGV-III,X; DW-VI
<i>Suleima mendaciana</i> Blanchard & Knudson	[HOLOTYPE] (NMNH) PJ-X; DW-IX (Blanchard & Knudson, 1983)
<i>Suleima skinnerana</i> Heinrich	GG, V
COCHYLIDAE	
<i>Eugnnosta</i> sp.	DW, V, ECK; NM, VIII [2 species?]
<i>Henricus constrastanus</i> (Kearfott)	GG, V-VI, ECK
<i>Henricus infernalis</i> (Heinrich)	GG, V, ECK; CB, III, ECK
<i>Nycthia pimana</i> (Busck)	[=Cochylis] GG, VIII, ECK; RGV, IV; OS, VI, ECK
<i>Rudenia legumnana</i> Busck	[=Phalonia] NM, IX, ECK
HESPERIIDAE	
<i>Achalarus casica</i> (Herrich-Shaffer)	Desert Hoary Edge or Mexican Hoary Edge; CB-V, ECK; GG, VIII
<i>Achalarus toxeus</i> (Plotz)	GG, 13 June 2004, 5550 ft., Grishin, ex <i>Pithecellobium flexicaule</i> (Grishin & Warren, 2004b)
<i>Achlyodes mithridates tamenund</i> Edwards	GS-IX, Wauer
<i>Agathymus chisosensis</i> (Freeman)	[=Megathymus][ENDEMIC] [HOLOTYPE, male] (AMNH) Chisos Giant Skipper; CB, 9-22-51, HA Freeman [ALLOTYPE, female]

<i>Agathymus mariae</i> (Barnes & Benjamin)	(Stallings and Turner Coll.) CM, 5400', 9-29-51, RC Turner, Jr. [PARATYPES] (Freeman Coll.) same locality as holotype, 9-1-51 & 9-19-51 Freeman, 1952); GG-IX; CB-IX Marie's Giant Skipper; [=A. <i>lajitaensis</i> Freeman] Lajitas Giant Skipper; [HOLOTYPE, female & ALLOTYPE, male] of A. <i>lajitaensis</i> dep. in Yale Univ. & AMNH] 10 miles west of Lajitas, 10-2-61, Freeman (Freeman, 1964); (Holotype of <i>Megathymus mariae</i> Barnes and Benjamin from El Paso, TX, Barnes and Benjamin, 1924); PJ-X, UTC-IX,X; GG-XI
<i>Amblyscirtes aenus</i> Edwards	Bronze Roadside Skipper; CB-V; GG-V
<i>Amblyscirtes eos</i> (Edwards)	Dotted Roadside Skipper; RGV, on <i>Heliotropium</i> , 4/29/98, Wauer
<i>Amblyscirtes nysa</i> Edwards	Mottled Roadside Skipper; NM-IV,V; GG-V; CB, VIII, ECK
<i>Amblyscirtes osleri</i> (Skinner)	Osler's Roadside Skipper; CB-V; NM-V
<i>Amblyscirtes texanae</i> Bell	Texas Roadside Skipper; GG-V; CB-V; PC-V
<i>Atalopedes campestris</i> (Boisduval)	Sachem; GG-V, VIII; CB-VIII, X, ECK
<i>Atrytonopsis ovinia</i> edwardsi Barnes & McDonnough	Sheep Skipper; NM-IV,V, ECK; CB, VIII, ECK
<i>Atrytonopsis python</i> Edwards	[=A. <i>python margaritae</i> B&McD] Margarite's Skipper; GG-IV,V,VI
<i>Atrytonopsis vierecki</i> (Skinner)	Viereck's Skipper; NM-IV; GG, V, ECK
<i>Autochthon cellus</i> (Boisduval & LeConte)	Gold Banded Skipper; GG-III,IV,V,VI,VII,VIII; PC-IV,V
<i>Autochthon cincta</i> (Plotz)	Cincta Skipper or White Banded Skipper; GG-III,IV; apparently feeds on <i>Desmodium grahamii</i> Gray in Park (Kendall, 1984)
<i>Celotes limpia</i> Burns	Limpia Streaky Skipper; GG-III,V
<i>Celotes nessus</i> (Edwards)	Common Streaky Skipper; GG-V
<i>Codatractus arizonensis</i> (Skinner)	Arizona Skipper; BCC-V; GG-VII
<i>Cogia hippalus</i> (Edwards)	Acacia Skipper; BCC-V; CB-IV; GG-V,VIII; PC-V,VIII
<i>Copaeodes aurantiacus</i> (Hewitson)	Orange Skipperling; GG-III,IV,V,VI,VII,VIII,IX,X; CB-VIII,X; PC-X; DW- X; GS-X; KB-X; HS-X,XI; PJ-X; RGV-X, BCC-X; OS-X; NM-X, PG-X, UTC-X, CS-X, SN-X, GH-X, GnS-X; HS, 31-III-1980, Israel (BBNP letter)
<i>Copaeodes minimus</i> (Edwards)	Least Skipperling; HS-XI
<i>Epargyreus clarus</i> (Cramer)	Silver Spotted Skipper; GG-V
<i>Erynnis brizo burgessi</i> (Skinner)	Burgess' Duskywing; GG-III,IV; PC-III,IV
<i>Erynnis funeralis</i> (Scudder & Burgess)	Funereal Duskywing; GG-V; RGV-X; GG-VIII
<i>Erynnis juvenalis</i> (Fabricius)	Juvenal's Duskywing; See E. <i>telemachus</i>
<i>Erynnis juvenalis clitus</i> (Edwards)	[syn. under E. <i>juvenalis</i> by some authors] Clitus Duskywing; BBNP (not ECK)
<i>Erynnis meridianus</i> Bell	Meridian Duskywing; BCC, 9/8/98, Wauer
<i>Erynnis telemachus</i> Burns	Rocky Mountain Duskywing; "Difficult to distinguish [see E. <i>juvenalis</i>], possibly hybridizes in Big Bend" (ECK); GG-III,IV,V,VIII; PC-IV,V

<i>Erynnis tristis tatus</i> (Edwards)	Mournful Duskywing; GG-III,IV,V,VIII
<i>Euphyes vestris</i> (Boisduval)	[=E. <i>uricola</i> metacomet Harris] Dun Skipper; GG-V,VI,VII,VIII
<i>Heliopetes domicella</i> (Erichson)	White Banded Skipper; GG-V; Big Bend Ranch State Park, X
<i>Hesperopsis alpheus</i> (Edwards)	[=Pholisora] Saltbush Sootywing; RGV-IV,V, CS-III, GH-III; Dog Canyon, 1-IV-1980, Israel (BBNP letter)
<i>Hylephila phylaeus</i> (Drury)	Fiery Skipper; GG-V; RGV-V; HS-XI
<i>Lerema accius</i> (Smith)	Clouded Skipper; RGV-IV,V,X; OS-VI, BC-X, UTC-X; HS-XI
<i>Lerodea eufala</i> (Edwards)	Eufala Skipper; DW-X; HS-XI
<i>Megathymus ursus</i> Poling	[=M. <i>ursus violae</i> Stallings & Turner] Viola's Giant Skipper; NM-IV,V,VI
<i>Nastra julia</i> (H.A.Freeman)	Julia's Skipper; GG-V
<i>Pholisora catullus</i> (Fabricius)	Common Sootywing; GG-V; CB, VIII
<i>Pholisora mejicana</i> (Reakirt)	Mexican Sootywing; BBNP (not ECK)
<i>Piruna haferniki</i> H.A.Freeman	Haferniki's Skipperling; [HOLOTYPE] (AMNH) [ENDEMIC] GG, 8/4/68, 5700', JE Haferniki; [PARATYPE] (Freeman Coll.) same location, 7/24/68 (Freeman, 1970); GG, III,IV,V,VI,VII,VIII,IX,X; BC-X
<i>Poanes melane</i> Edwards	[=Paratrytone <i>melane vitellina</i> Herr & Schaeffer] Umber Skipper; GG-III,IV,V
<i>Poanes taxiles</i> (Edwards)	Golden Skipper; GG-VI,VII
<i>Pyrgus albescens</i> Plotz	Southern Checkered Skipper; GG-III,IV,V,VI,X; DW-X; GS-X; KB-XI; HS-XI,CB-VIII
<i>Pyrgus philetas</i> Edwards	Desert Checkered Skipper; NM-V; Persimmon Gap, VIII
<i>Pyrgus scriptura</i> (Boisduval)	Small Checkered Skipper; NM-V
<i>Pyrrhopyge araxes arizonae</i> Godman & Salvin	Araxes Skipper; BBNP (not ECK)
<i>Staphylus ceos</i> (Edwards)	Gold-Headed Sootywing; GG-V
<i>Systasea pulverulenta</i> (R.Felder)	Powdered Skipper; GG-VII,VIII; KB-X
<i>Systasea zampa</i> (Edwards)	Arizona Powdered Skipper; GG-VIII
<i>Thorybes drusus</i> (Edwards)	Drusus Cloudywing; Mouse Cyn., IX, Wauer
<i>Thorybes pylades</i> (Scudder)	Northern Cloudywing; GG-III,IV,V,VI,VII,VIII; PC-IV,V,VI; CB, V,VIII
PAPILIONIDAE	
<i>Battus philenor</i> (Linnaeus)	Pipevine Swallowtail; NM-III,IV,V,VI; DW-V,VI,VIII,X; KB-V,VIII,X; RGV-VIII
<i>Heraclides cressphontes</i> (Cramer)	[=Papilio of some authors] Giant Swallowtail; GG-VIII; CB-VIII
<i>Heraclides ornythion</i> (Boisduval)	[=Papilio of some authors] Ornythion Swallowtail; GG-V,VIII; CB-VIII
<i>Papilio glaucus garcia</i> Rothschild & Jordan	GG, 30 May 2004, 5550 ft., NV Grishin + GG, 12 June 2004, 5550 ft.,Grishin (Grishin & Warren, 2004a)

<i>Papilio polyxenes</i> Fabricius	[= <i>P. polyxenes asterius</i> Stoll] Eastern Black Swallowtail; GG-IV,V,VI,VIII; DW-X; KB-X; RGV-VIII,X; CB-V,VIII
<i>Pterourus multicaudatus</i> Kirby	[= <i>Papilio</i> of some authors] Two Tailed Swallowtail; GG-III,IV,V,VI; PC-IV,V
PIERIDAE	
<i>Anteos maerula</i> <i>lacordairei</i> (Boisduval)	Giant Brimstone, [= <i>A. maerula</i> of some authors] CB-VIII
<i>Appias drusilla</i> <i>neumoegeni</i> (Skinner)	Florida White; GG-III,IV,V (1977-82)
<i>Ascia monuste</i> (Linnaeus)	Great Southern White; BBNP-VI37(RHB); PC-IX
<i>Catasticta nimbe</i> (Boisduval)	Mistletoe Butterfly; GG-III,V; probably feeds on the mistletoe , <i>Phoradendron bolleanum</i> (Seem.) on juniper, or <i>P. coryae</i> Trel. on oak and hackberry (Kendall, 1984)
<i>Colias eurytheme</i> Boisduval	Alfalfa Butterfly; GG-III,IV,V,VI,VII,VIII,X,XI; KB-III,IV,V,XI; GS-X; HS-XI; CB, V, VIII
<i>Colias philodice</i> Godart	Clouded Sulphur; GG, on Eysenhardia, 9/3/98, Wauer
<i>Eurema boisduvaliana</i> (Felder & Felder)	Boisduvals Yellow, BIBE-IX; CB-V,VIII; GG-V,VIII
<i>Eurema lisa</i> Boisduval & LeConte	Little Yellow; RGV, 9/5/98, Wauer; GG-VIII; CB-VIII
<i>Eurema mexicana</i> (Boisduval)	Mexican Yellow; GG-III,IV,V,VIII; COS-X; WT-XII (JT); KB-I (JT), XI; HS-XI; CB-V, VIII
<i>Eurema nicippe</i> (Cramer)	Sleepy Orange; GG-III,IV,V,VI,VII,VIII,IX,X,XI; COS-X; WT-XII (JT); KB-I (JT),XI; CB-III,V,VIII; (MH); PJ-IX (HB); RGV-V,VIII,XI; HS-XI
<i>Eurema nise</i> (Cramer)	Mimosa Yellow, BIBE-IX; Maple Cyn., Wauer; Glenn Spr., IX, Wauer
<i>Eurema proterpia</i> Fabricius	BBNP, Wauer
<i>Kricogonia lyside</i> (Godart)	Lyside; GG-IV,V,VI,VIII; RGV-V,VIII,X; CB-VII (Collins),V,VIII; Persimmon Gap, V,VIII; DW-V,VIII
<i>Nathalis iole</i> Boisduval	Dwarf Yellow; COS-X; GG-III,IV,V,VI,VII,VIII; PJ-VII(HB); KB-XII,I(JT),XI; HS-XI; CB-VIII
<i>Phoebis agarithe maxima</i> (Neumoegen)	Giant Orange Sulphur; GG-VII,VIII; CB-VI,VIII
<i>Phoebis philea</i> (Johansson)	Orange Barred Sulphur, BIBE-VI to XI; GG-IX; GS-VIII, Wauer
<i>Phoebis sennae</i> <i>marcellina</i> (Cramer)	Cloudless Sulphur; GG-V,VIII; CB-VIII
<i>Pieris rapae</i> (Linnaeus)	[= <i>Artogeia raphae</i> L.] Cabbage White; RGV-IV
<i>Pontia protodice</i> (Bdv.&LeConte)	Checkered White; GG-III,IV,V,VIII; PC-IV,V; CB-V,VIII; CS-III; DW-VI,X; RGV-V,VIII
<i>Zerene cesonia</i> (Stoll)	[= <i>Colias</i>] Dogface Butterfly; CB-V,VI,VII,VIII, Clench; GG-III,IV,V,VI,VII,VIII; PC-IV,V; SEC-VII, Clench; KB-XI; HS-XI; RGV-V,VIII; Persimmon Gap, V, VIII
LYCAENIDAE	
<i>Atlides halesus</i> (Cramer)	Great Purple Hairstreak; GG-V,VIII
<i>Brephidium exile</i> (Boisduval)	Western Pigmy Blue; RGV-IV,V,VIII; GH-V75(Hedges); CB-VII63(Clench); Terlingua Abaja-XII (Tveten); HS-XI
<i>Calycopis isobeon</i> (Butler & H. Druce)	GG, 30 May 2004, 5550 ft., shady areas, Grishin (Grishin & Warren, 2004b)
<i>Celestrina ladon</i> (Cramer)	[= <i>C. argiolus</i> (Linnaeus)] Spring Azure; PC-IV,V; GG-III,IV,V,VIII

<i>Cyanophrys amyntor</i> Cramer	[= <i>C. amyntor distracta</i> Clench] "Recently recorded from Big Bend area (not in Park)" (ECK)
<i>Erora quaderna sanfordi</i> DosPassos	Arizona Hairstreak; GG-V; PC-VI; CM, 12 June 1939, RHB ; may use <i>Quercus emoryi</i> Torrey foliage as food (Kendall, 1984)
<i>Everes comyntas texanus</i> Chermock	Texas Tailed Blue; or Eastern Tailed Blue; GG-V
<i>Fixsenia</i> sp.	{"Either a different species or a fall brood of <i>polingi</i> " ECK] CB-VIII
<i>Fixsenia polingi</i> (Barnes & Benjamin)	[= <i>Euristrymon</i>] Poling's Hairstreak; CB-V,VIII; GG-V; PC-V
<i>Hemiargus ceraunus gyas</i> (Edwards)	Ceraunas Blue; KB-XI; HS-XI
<i>Hemiargus isola alce</i> (Edwards)	Reakirt's Blue; GG-III,IV,V,VI,VII,VIII; NM-V,X; DW-V,VIII,X,HS-VIII,X; CB-VI,X; OS-VI,X, COS-X; Dog Canyon, 01-IV-80, Israel, (BBNP letter)
<i>Incisalia henrici solata</i> Cook & Watson	[= <i>I. henrici</i> (Grote & Robinson) of some authors] Western Henry's Elfin; GG-III,IV,V; KB-V; NM-V; [= <i>I. henrici turneri</i> Clench]
<i>Leptotes cassius striata</i> (Edwards)	Cassius' Blue; RGV-V
<i>Leptotes marina</i> (Reakirt)	Marine Blue; GG-IV,V,VI,VIII; RGV-V; CB-VI; OS-VI
<i>Ministrymon leda</i> (Edwards)	Leda Hairstreak; RGV-VII
<i>Mitoura grynea</i> (Hubner)	Olive Hairstreak; PC-V; GG-V,VIII; CB-V,VII; "Big Bend populations probably represent hybrids: <i>grynea</i> x <i>siva</i> (Edwards)" (ECK)
<i>Plebejus acmon texana</i> Goodpasture	[= <i>Icaricia</i>] Acmon Blue; GG-V
<i>Sandia mcfarlandi</i> Erlick & Clench	McFarland's Hairstreak; PC-V; CB-V
<i>Strymon bebrycia</i> Hew & Thecla	Red-lined scrub-hairstreak; TF, 4/30/98 + BC, 9/12/98, Wauer
<i>Strymon istapa</i> (Reakirt)	Persimmon Gap, IX; GS-IX; CB-IX, Wauer; Big Bend Ranch State Pk., X
<i>Strymon melinus</i> Hubner	Gray Hairstreak; GG-III,V,VIII,X; NM-V; KB-III,X; CB-III67(MH),V,VI,VIII,X; GS-X; RGV-III67(MH),V,X; PJ-IX60(HB)
<i>Strymon serapio</i> (Godman & Salvin)	Bromeliad Hairstreak; HS-XI
<i>Xamia xami</i> (Reakirt)	Xami Hairstreak; LMT-VII
<i>Ziegleria guzanta</i> (Schaus)	Kibbe Spr., 29 May 2004, 5500 ft., ex composite flowers, Grishin (Grishin & Warren, 2004b); Panther Pass, 9 Sept 1999, Wauer
<i>Zizula cyna</i> (Edwards)	Cyna Blue; PC-V

RIODINIDAE

<i>Apodemia chisosensis</i> HA Freeman	[ENDEMIC]; Chisos Metalmark; [HOLOTYPE, male] (AMNH, HA Freeman) CM, 5400', 8-3-62 [ALLOTYPE] same data (Freeman, 1964); PC-IV,V,VI; GG-VI; CB-VI
<i>Apodemia hepburni</i> Godman & Salvin	Hepburn's Metalmark; BIBE-V
<i>Apodemia mormo duryi</i> (Edwards)	Drury's Mormon Metalmark; UTC-V; NM-V; BC-V; Dagger Flat, VIII
<i>Apodemia palmeri</i> (Edwards)	Palmer's Metalmark; RGV-IV,V; HS, 31-III-80, Israel (BBNP letter); Dagger Flat, VIII
<i>Calephelis arizonensis</i> McAlpine	Arizona Metalmark; Boquillas Cyn.-V; Dagger Flat, VIII ["Doubtfully distance from <i>C. rawsoni</i> " ECK]
<i>Calephelis nemesi</i> (Edwards)	Fatal Metalmark; BC-V; GG-V,VIII; CB-VIII,IX; RGV-III67(MH),X; SEC-VII63, Clench; WT-XII71(JT); HS-XI

<i>Calephelis rawsoni</i> McAlpine	Rawson's Metalmark; ex ovo, 9/21/66, larval food plant, <i>Eupatorium havanense</i> (ROK)
<i>Emesis zela</i> Butler	Zela Metalmark; Mouse Cyn., IX, 1998, Wauer

LIBYTHEIDAE

<i>Libytheana bachmanii</i> <i>larvata</i> (Strecker)	Common Snout Butterfly; COS-X; GG-IV,V,VI,VII,VIII; RGV-IV,V; HS-VIII; RGV-III67(MH); PJ-IX60(HB)
<i>Libytheana carinenta</i> Cramer	American Snout; common in lowlands in fall; RGV, 9/1/98 + TF 9/3/98 + mid-GG, 9/8/98, Wauer;

NYMPHALIDAE

<i>Adelpha bredowii eulalia</i> (Doubleday)	California Sister; GG-III,IV,V,VI,VII,VIII,X; PC-III,IV,V,VI,VII,VIII; CB-V,VI,VIII,X; CB-VII63(Clench); RGV-V,VIII
<i>Agraulis vanillae</i> <i>incarnata</i> (Riley)	[=Diones] Gulf Fritillary; GG-IV,V,VIII; RGV-X; CB-V,VIII
<i>Anaea aidea</i> (Guerin-Meneville)	Tropical Leafwing; GG-III,VIII; RGV-X
<i>Anaea andria ops</i> (Druce)	Arizona Goat Weed Butterfly; BIBE, V-XI; OC, 11/7/98, Wauer; GG-V
<i>Anthanassa texana</i> (Edwards)	[=Phycoides] Texas Crescentspot; GG-III,IV,V,VI,VII,VIII; DW-X; RGV-X, BC-X
<i>Asterocampa celtis</i> (Boisduval & LeConte)	[=A. montis Edwards] Mountain Emperor; RGV-V
<i>Asterocampa clyton</i> <i>subpallida</i> Barnes & McDunnough	Pallid Emperor; BIBE, IX; [= A. clyton Bois. & LeConte of some authors](called Tawny Emperor) Mouse Cyn., 9/5/98 + OC, 9/8/98, Wauer; GG-VIII
<i>Asterocampa leilia</i> (Edwards)	Empress Leilia; RGV-IV,V,X; DW-VI,X; GG-X; GS-X; KB-X; HS-XI; Dog Canyon, 01-IV-80, Israel (BBNP letter)
<i>Basilarchia archippus</i> <i>obsoleta</i> (Edwards)	Pale Viceroy; RGV-IV,V
<i>Basilarchia arthemis</i> <i>arizonensis</i> (Edwards)	Arizona Red Spotted Purple; GG-IV,V,VI,VIII,X; PC-III,IV,V
<i>Chlosyne lacinia adjutrix</i> Scudder	Bordered Patch; RGV-IV,V,X
<i>Chlosyne lacinia crocale</i> (Edwards)	Crocale Patch; GG-V,VIII; CB-V,VIII
<i>Diaethria anna</i> (Guer.-Meneville)	88 Butterfly; RGV, May 6 1973, Simpson (Kendall, 1984)
<i>Dione moneta poeyi</i> (Butler)	Mexican Silverspot; GG-IV,V
<i>Dymasia dymas</i> (Edwards)	Dymas Checkerspot; NM-V; PC-V; UTC-V; RGV-X; CB-VIII
<i>Dynamine tithia</i> (Geyer)	"One record from Big Bend Area ", 20 miles S Alpine, III-77 (ECK)
<i>Eueides isabella zorcaon</i> Reakirt	Isabella Longwing; CB-VI,VII ("Not seen since 1968"(ECK)); CB, feeding on <i>Acacia greggi</i> Gray, DA Easterla (Kendall, 1972)
<i>Euptoieta claudia</i> (Cramer)	Variegated Fritillary; GG-IV,V,VIII; COS-X: CB-V75(Hedges),VII63(Clench); CB-V,VIII; PJ-X60(HB); HS-XI
<i>Heliconius charitonius</i> <i>vasquezae</i> Comstock & Brown	Zebra Longwing; 7/37(RHB); GG-VIII
<i>Historis acheronta</i> <i>cadmus</i> (Cramer)	"One record from Big Bend Area (not in Park)" (ECK)
<i>Junonia coenia</i> Hubner	Common Buckeye; GG-V; GS-X; RGV-VIII,X
<i>Junonia evarete</i> <i>nigrosuffusa</i> Barnes & McDunnough	[=J. genoveva (Stoll)] Dark Buckeye; RGV-V,X; GS-X; CB-VIII;

<i>Marpesia chiron</i> (Fabricius)	Banded Dagger Wing; BBNP-VI,VII37(RHB)
<i>Marpesia petreus</i> (Cramer)	Ruddy Dagger Wing; BBNP-IX(Shafter), "Probably occurs along Rio Grande in fall" (ECK)
<i>Mestra amymone</i> (Menetries)	Texas Bagwing; GS-X; GG-VIII; Persimmon Gap, VIII; PG-VIII; CS-VIII
<i>Nymphalis antiopa</i> (Linnaeus)	Mourning Cloak; RGV-IV,V; GG-VIII
<i>Phyciodes phaon</i> (Edwards)	Phaon Crescentspot; RGV-V
<i>Phyciodes pictus</i> Edwards	Painted Crescentspot; GG-V
<i>Phyciodes tharos</i> (Drury)	Pearly Crescentspot; RGV-III,IV,V
<i>Phyciodes vesta</i> (Edwards)	Vesta Crescentspot; GG-III,IV,V,VIII; UTC-V; DW-X; RGV-V,VIII,X; CB-V,VIII
<i>Polygonia interrogationis</i> (Fabricius)	Question Mark; GG-V,VIII, 7/19/37,RHB, det: Roever, 6/28/37, RHB
<i>Texola elada callina</i> (Boisduval)	Elada Checkerspot; GG-IV,V; NM-V; PC-V
<i>Texola elada ulrica</i> (WH Edwards)	[All subspecies of <i>T. elada</i> are in synonymy as per some authors] GG-VIII; CB-VIII
<i>Thessalia chinatiensis</i> (Tinkham)	Chinati Checkerspot; PJ-V; UTC-V; NM-V; PC-V; HS-VIII
<i>Thessalia fulvia</i> (Edwards)	Fulvia Checkerspot; GG-V
<i>Thessalia theona bollii</i> (Edwards)	Theona Checkerspot; GG-V; NM-V; KB-V; DW-X; RGV-VIII,X
<i>Vanessa annabella</i> Field	West Coast Lady, on limestone hills, on <i>Pectis angustifolia</i> and <i>Ariocarpus fissuratus</i> , 11/7/98, Wauer; BIBE-IX,X,XI; Lost Mine Cyn., VIII, Wauer
<i>Vanessa atalanta rubria</i> (Fruhstorfer)	Red Admiral; GG-III,IV,V,XI; HS-III; RGV-III; DW-X
<i>Vanessa cardui</i> (Linnaeus)	Painted Lady; GG-III,IV,V,VI,VII,VIII; CB-VII58(Collins); PJ-X60(HB)
<i>Vanessa virginiensis</i> (Drury)	American Painted Lady; GG-III,V,VI,VIII,X; CB-VI; RGV-V,VIII
SATYRIDAE	[Subfamily of Nymphalidae of some authors]
<i>Cercyonis meadii</i> <i>mexicana</i> (Chermock)	Red Eyed Wood Nymph; GG-VIII
<i>Cercyonis pegala</i> Fabricius	Mead's Wood Nymph, Laguna Meadow, 9/9/98 + Colima Trail, 9/12/98, Wauer
<i>Cyllopsis pertepida</i> <i>avicula</i> (Nabokov)	Canyonland Satyr; GG-VI,VIII
<i>Megisto rubricata</i> <i>smithorum</i> (Wind)	Red Satyr; GG-III,V,VIII; CB-V,VIII
DANAIDAE	Milkweed Butterflies [Subfamily of Nymphalidae of some authors]
<i>Danaus eresimus</i> (Cramer)	[= <i>D. e. montezumae</i> (Talb.)] Soldier; BIBE-IX
<i>Danaus gillipus strigosus</i> (Bates)	Queen; GG-V,VIII; COS-X; KB-XI; HS-XICB-V,VIII; RGV-V,VIII
<i>Danaus plexippus</i> (Linnaeus)	Monarch; GG-III,IV,V; COS-X; KB-XI; HS-XI; CB-VIII
<i>Lycorea cleobaea</i> (Godart)	[= <i>L. atergatis</i> Dbl.] Tiger; BIBE-VII
ZYGAENIDAE	Smoky Moths

<i>Acoloithus novaricus</i> Barnes & McDunnough	GG-VIII
<i>Neoprocris prunivora</i> Tarmann	[=Neoalbertia] [PARATYPES] (NMNH) GG, 8-V-67 Kendall (Tarmann, 1984) (Holotype lost in flood, Vienna Museum)
<i>Triplocris smithsoniana</i> (Clemens)	Panther Pass-IX,X
LIMACODIDAE	Slug Caterpillar Moths
<i>Adoneta gemina</i> Dyar	KB-III
<i>Apoda maxima</i> Dyar	GG-V; CB-VI
<i>Cryptophobetron oropeso</i> (Barnes)	PrG-X
<i>Euclea incisa</i> (Harvey)	GG-VII,VIII; CB-V
EPIPYROPIDAE	Planthopper Parasite Moths
<i>Fulgoraecia exigua</i> (H. Edwards)	NM-IX; DW-VIII,IX
PYRALIDAE	Snout Moths
<i>Abegesta reluctalis</i> (Hulst)	UTC-V; NM-III
<i>Acallis gripalis</i> (Hulst)	RGV-X; KB-XI; GG-X,XI
<i>Achyra rantalis</i> (Guenee)	CB-V,VIII,IX; Sam Nail Ranch, III; KB-III,X; RGV-X
<i>Acrobasis comptella</i> Ragonot	GG-VI; CB-VI
<i>Aglossa baba</i> Dyar	CB-VI; HS-III; GG-V
<i>Aglossa cuprina</i> Zeller	OS-IV
<i>Alberada bidentella</i> (Dyar)	KB-VIII,X, PG-IV
<i>Alberada parabates</i> (Dyar)	NM-IX; KB-X; GG-V
<i>Algedonia mysippusalis</i> (Walker)	[=Mutuuraia] CB-VIII
<i>Alpheoides parvulalis</i> Barnes & McDunnough	OS-IV
<i>Amyeloides transitella</i> (Walker)	GS-IX
<i>Anadelosemia condigna</i> Heinrich	DW-X; OS-V
<i>Anania labeculalis</i> (Hulst)	GG-IX
<i>Anderida peorinella</i> Blanchard & Knudson	[HOLOTYPE] (NMNH) KB, 1-IV-84, ECK (Blanchard & Knudson, 1985c)
<i>Anderida sonorella</i> (Ragonot)	NM-V,IX; GG-V,VI; RGV-X; KB-X; DW-X
<i>Anemosella obliquata</i> (Hy. Edwards)	GS-VIII; NM-III,IV,IX,X; KB-III; HS-III; OS-VI; DW-X; RGV-X; CB-VIII
<i>Antigastra catalaunalis</i> (Duponchel)	KB-VIII,X,XI; DW-VIII,IX; GG-IX

<i>Arispe atalis</i> (Dyar)	[=Uscodys] RGV-X
<i>Arivaca artella</i> Shaffer	PG-IV, CS-III,IV
<i>Arivaca ostreella</i> (Ragonot)	OS-VI; NM-IV,V; DW-V
<i>Arta epicoenalis</i> Ragonot	GG-IX,X
<i>Bandera cupidinella</i> Hulst	OS-IV
<i>Bandera virginella</i> Dyar	OS-IV
<i>Barberia affinitella</i> Dyar	GG-III,VI; KB-IV
<i>Bertelia dupla</i> Blanchard	"Shafter (X) not seen from Park" (ECK)
<i>Blepharomastix apicalis</i> (Guenee)	GG-V; DW-VIII; RGV-X; CB-V,VIII
<i>Blepharomastix</i> <i>haedulalis</i> (Hulst)	OS-VI; CB-VIII
<i>Blepharomastix magualis</i> (Guenee)	[=? <i>Hileithia</i>] OS-V; NM-IV; KB-X; RGV-X
<i>Blepharomastix</i> <i>pseudoranal</i> (Barnes & McDunnough)	CB-VI,VIII; GG-VI
<i>Blepharomastix ranalis</i> (Guenee)	CB-VI; GG-VI
<i>Cacotherapia</i> <i>interalbicalis</i> (Ragonot)	[=Macrotheca] GG-VI
<i>Cacozelia basiochrealis</i> Grote	CB-V,VIII,IX,X; GG-IX
<i>Cactobrosia fernaldialis</i> (Hulst)	GS-III,V,IX,X; KB-III,V,IX; DW-III,V; NM-V, PG-IV
<i>Cahela ponderosella</i> (Barnes & McDunnough)	GS-V; OS-VI; PJ-VIII; NM-IV; KB-III,IV
<i>Caphys arizonensis</i> Munroe	CB-V,VIII; GG-V,VI,VIII
<i>Caristanus decoloralis</i> (Walker)	DW-VIII
<i>Caudellia nigrella</i> (Hulst)	KB-XI; GG-XI
<i>Chararica hystriculella</i> (Hulst)	RGV-X; NM-V,IX, UTC-V; KB-III
<i>Choristostigma</i> <i>elegantalis</i> Warren	GG-III; CB-X
<i>Choristostigma</i> <i>perpulchralis</i> (Hampson)	GG-III,IX,XI
<i>Choristostigma</i> <i>roseopennalis</i> (Hulst)	CB-VI,IX,X; GG-VI,IX,XI; KB-X
<i>Coenochroa illibella</i> (Hulst)	CS-IV
<i>Condylorrhiza vestigialis</i> (Guenee)	NM-X; CB-VIII
<i>Crambus harrisi</i> Klotz	KB-X; HS-IV
<i>Crambus leachellus</i> (Zincken)	CB-VIII

<i>Daulia arizonensis</i> Munroe	OS-III,VI; NM-IX; KB-III,X,XI; DW-X; RGV-X; GG-XI
<i>Decaturia pectinalis</i> Barnes & McDunnough	GG-VI,X; RGV-X,XI; DW-IX; KB-III
<i>Desmia funeralis</i> (Hubner)	RGV-IV
<i>Diacme elealis</i> (Walker)	CB-III,V,VIII; OS-III; GG-V,VI,VIII; KB-X,XI
<i>Diaphania hyalinata</i> (Linnaeus)	Melonworm Moth; PJ-IX; KB-X; RGV-X; CB-VIII
<i>Diastictis fracturalis</i> (Zeller)	CB-VIII; RGV-X
<i>Diathrausta harlequinialis</i> Dyar	OS-X; GS-X
<i>Echinocerata strigalis</i> (Barnes & McDunnough)	[=Cactobrosis] KB-III; CA-V
<i>Elasmopalpus lignosellus</i> (Zeller)	OS-VI
<i>Ephestia kuehniella</i> Zeller	[=Anagasta] Mediterranean Flour Moth; GG-VIII,X; CB-X; RGV-X
<i>Ephestiodes</i> <i>gilvescentella</i> Ragonot	[=E. gilvicentella Rag.] GG-VI
<i>Ephestiodes infimella</i> Ragonot	NM-IX; GG-IV,XI; DW-XI; KB-XI; RGV-XI
<i>Ephestiodes monticolus</i> Neuzig	[HOLOTYPE male] (NMNH) CB, ECK; [PARATYPES] same data (NCSU) (Neunzig, 1991)
<i>Epipagis huronalis</i> (Guenee)	CB-X
<i>Eremberga insignis</i> Heinrich	KB-X,XI; RGV-X; PC-IX; NM-IX; DW-IX; GG-XI
<i>Etiella zinckenella</i> (Treitsche)	CB-VIII; KB-III
<i>Euchromius ocellus</i> (Haworth)	CB-III,X; KB-III,X; RGV-X
<i>Eudonia</i> sp. 1	CB-X
<i>Eufernaldia cadarella</i> Druce	GG-V
<i>Eurythmidia ignidorsella</i> (Ragonot)	GG-IX
<i>Evergestis consimilis</i> Warren	GG-IX
<i>Evergestis lunulalis</i> Barnes & McDunnough	GG-V,X; NM-IX; DW-IX
<i>Evergestis obliquialis</i> (Grote)	CB-IX; GG-IX; KB-X
<i>Evergestis rimosalis</i> (Guenee)	CB-IX
<i>Evergestis simulatilis</i> (Grote)	NM-IX; PJ-IX; DW-IX
<i>Evergestis vinctalis</i> Barnes & McDunnough	GG-VI; NM-III,V; KB-III
<i>Fissicrambus intermedius</i> (Kearfott)	GS-IX,X; NM-IX, PG-III, CS-III; OS-VI; GG-VI; RGV-X
<i>Fissicrambus profanellus</i> (Walker)	KB-XI; RGV-IV

<i>Framinghamia helvalis</i> (Walker)	RGV-III
<i>Freschinia laetalis</i> Barnes & McDunnough	KB-III,X,XI, PG-III
<i>Freschinia texanica</i> Munroe	GG-V
<i>Fundella ignobilis</i> Heinrich	[?? <i>Ancylostomia stercorea</i> Zeller] GG-IX
<i>Galleria mellonella</i> (Linnaeus)	Greater Wax Moth; NM-X; OS-VI; CB-V
<i>Glyphocystis viridivallis</i> Blanchard	[ENDEMIC] [HOLOTYPE] (NMNH) GG, 28-III-71 [PARATYPES] GG, 9-X-69 + 28-III-71 + 3-V-72 + 12-V-72, Blanchard (Blanchard, 1973); CB-V
<i>Hahncappsia alpinensis</i> (Capps)	GG-IX
<i>Hahncappsia cochisensis</i> (Capps)	GG-IX
<i>Hahncappsia mancalis</i> (Lederer)	GG-IX; CB-VIII
<i>Hahncappsia pergilvalis</i> (Hulst)	GG-IX
<i>Haimbachia diminutalis</i> Capps	CB-VIII
<i>Hellula aqualis</i> Barnes & McDunnough	GG-VI; DW-III,V,VIII,IX; RGV-XI
<i>Hellula phidilealis</i> (Walker)	NM-IX; DW-III,X; KB-XI
<i>Herpetogramma bipunctalis</i> (Fabricius)	KB-X; RGV-X
<i>Heterographis morrisonella</i> Ragonot	KB-III,IX; NM-IV,IX; DW-V,X; HS-III; RGV-III
<i>Homoeosoma electella</i> (Hulst)	GG-VI; DW-IX,X; KB-III,X, COS-X; RGV-X, BC-X, PrG-X; GS-X
<i>Homoeosoma parvalbum</i> Blanchard & Knudson	[HOLOTYPE] (NMNH) [ENDEMIC] HS, 4 IV-84, ECK; [PARATYPES] KB, 16-IX-71; DW, 13-IX-71; NM, 17-IX-71, A&ME Blanchard; RGV, 6-IV-84, ECK (Blanchard & Knudson, 1985)
<i>Honora mellinella</i> Grote	RGV-III; GG-XI
<i>Hydropionea fenestralis</i> (Barnes & McDunnough)	CB-III,V,X; KB-XI
<i>Hymenia perspectalis</i> (Hubner)	KB-X; RGV-X
<i>Jativa castanealis</i> (Hulst)	OS-VI,X; NM-IX; HS-III; RGV-III,X
<i>La cerveza</i> B. Landry	[PARATYPES] (NMNH)GG, V,VI, A&M Blanchard; GG, 5600', VI-06-1973, DC Ferguson; GG, 5400', V-1972, JG Franclemont (Landry, 1995)
<i>Laetilia coccidivora</i> (JH Comstock)	[= <i>L. dilatifasciella</i> Rag.] CB-X; RGV-X,XI; DW-XI; KB-XI
<i>Laetilia ephestiella</i> (Ragonot)	GG-X
<i>Laetilia zamacrella</i> Dyar	GG-X
<i>Lineodes integra</i> (Zeller)	KB-X,XI
<i>Lineodes interrupta</i> (Zeller)	RGV-X
<i>Loxomorpha flavidissimalis</i> (Grote)	RGV-III

<i>Loxostege albiceralis</i> (Grote)	CB-IX, PG-III; KB-X; RGV-X
<i>Loxostege allectalis</i> (Grote)	DW-IV,V,VII,VIII,IX,X; NM-IV,IX; KB-VIII,IX; RGV-X
<i>Loxostege cereralis</i> (Zeller)	GG-X; GS-X; NM-X; DW-X
<i>Loxostege kearfottalis</i> Walter	DW-VIII,IX,X; NM-IV,IX,X; OS-IV; GS-III; KB-III,IX; RGV-III,X
<i>Loxostegopsis curialis</i> Barnes & McDunnough	KB-III; GG-V,VI
<i>Loxostegopsis polle</i> Dyar	HS-III,VIII; RGV-III
<i>Lygropia octonalis</i> (Zeller)	GS-VI; NM-V; DW-VI,VIII; Sam Nail Ranch, III; RGV-X
<i>Macalla zelleri</i> (Grote)	[= <i>Epipaschia</i>] GG-VI
<i>Marasmia trapezalis</i> (Guenee)	RGV-X
<i>Maricopa lativittella</i> (Ragonot)	[= <i>Valdivia</i>] RGV-III
<i>Martia arizonella</i> Ragonot	NM-IX; HS-III; RGV-III
<i>Melitara apicigrammella</i> Blanchard & Knudson	[PARATYPES] (NMNH) RGV, 6-IV-84; KB, 9-VIII-83, all ECK; NM, 1-V-72 & DW, A&ME Blanchard (Blanchard & Knudson, 1985a) [Holotype dep. in NMNH]
<i>Melitara dentata</i> (Grote)	[= <i>M. doddalis</i> Dyar] NM-IX
<i>Meroptera anaimella</i> Blanchard & Knudson	[ENDEMIC][PARATYPES] (NMNH) KB, 9-VIII-83; RGV, 6-IV-84; DW, 13-IX-82, all ECK [Holotype dep. in NMNH] (Blanchard & Knudson, 1985a)
<i>Mescinia texanica</i> Neuzig	[HOLOTYPE male] (NMNH) GG, 5400', VI/86, ECK; [PARATYPES] (NCSU) OS, 4500', VI-4-86, ECK (Neunzig, 1997)
<i>Microcrambus croesus</i> Bleszynski	CB-VIII
<i>Microtheoris ophionalis</i> <i>eremica</i> Munroe	RGV-X
<i>Mimorista subcostalis</i> (Hampson)	CB-V,VIII; GG-VI; KB-XI
<i>Mimorista trimaculatus</i> (Grote)	NM-V; PG-III; OS-VI; KB-X; GG-V,XI
<i>Mimoschinia rufofascialis</i> <i>novalis</i> (Grote)	RGV-X
<i>Mojavia achemonalis</i> (Barnes & McDunnough)	NM-IX
<i>Myelopsis minutularia</i> (Hulst)	[= <i>M. conielia</i> Ragonot] GG-III; CB-IX
<i>Neohelvitotys</i> <i>arizonensis</i> (Capps)	KB-IX; NM-IX
<i>Nephopterix bifasciella</i> Hulst	GG-V,VI
<i>Nephopterix celtidella</i> Hulst	CB-VIII
<i>Nephopterix gilvibasella</i> Hulst	NM-IX
<i>Nephrogramma separata</i> Munroe	DW-IX; GG-VIII
<i>Noctueliopsis</i> <i>bububattalis</i> (Hulst)	KB-III; CS-III; GG-V

<i>Noctueliopsis palmalis</i> (Barnes & McDunnough)	CA-V
<i>Nomophila nearctica</i> Munroe	GS-IX; GG-V,VI,VIII,XI; CS-III; KB-X,XI; DW-V,VIII,X; RGV-X; CB-V,VIII,X; PJ-XI
<i>Ocrasa nostralis</i> (Guenee)	[=? <i>Herculia sordidalis</i> B&McD] CB-X
<i>Odontivalvia radialis</i> (Munroe)	NM-IV,IX; GG-V
<i>Oenobotys texanalis</i> Munroe & Blanchard	[PARATYPES] (CNCI, NMNH) GG-X, Blanchard + BBNP, 15 to 30-IV-36, Poling (Munroe, 1976) (Holotype from Davis Mountains); GG-XI
<i>Olybria aliculella</i> (Hulst)	OS-VI; GG-VI,IX,XI; CB-IX; KB-IX
<i>Olycella subumbrella</i> (Dyar)	[= <i>Melitara subumbrella</i> (Dyar)] GG-III; NM-IX; KB-IV,X,XI; CB-VI; RGV-X
<i>Oneida grisiella</i> Solis	CB-V; GG-VI
<i>Oneida luniferella</i> Hulst	CB-V; GG-VI
<i>Ozamia multistriatella</i> Blanchard & Knudson	[PARATYPES] GG, 28-III-71; (Blanchard & Knudson, 1981) KB-III,IV
<i>Palpita atrisquamalis</i> (Hampson)	[= <i>P. gracilalis</i> Hulst] CB-III,IX; KB-X
<i>Palpita quadrastigmatis</i> (Guenee)	DW-IX; GS-IX; GG-VI,XI; KB-X,XI; PJ-XI
<i>Parachma ochracealis</i> Walker	OS-VI; GG-VI; DW-III
<i>Parapoynx diminutalis</i> Snellen	NM-VIII
<i>Passadena flavidorsella</i> (Ragonot)	GG-IX; CB-VI,VIII,IX; NM-IX; HS-III; PG-III; KB-III; RGV-III,X
<i>Patricola semicana</i> Heinrich	GG-IX,X
<i>Peoria johnstoni</i> Shaffer	GG-V,VI,IX; CB-X; KB-IV; RGV-IV; HS-IV
<i>Peoria opacella</i> (Hulst)	GG-VI
<i>Petrophila bifascialis</i> (Robinson)	HS-III
<i>Petrophila jaliscalis</i> (Schaus)	GG-V; OS-V; DW-V; KB-V; HS,III, PG-III
<i>Petrophila shaefferalis</i> (Dyar)	GG-IX; OS-V,X; KB-IX,X; NM-IX; DW-XI; CB-VIII
<i>Phycitodes albatella</i> <i>mucidella</i> (Ragonot)	GG-IX
<i>Pima albiplagiata</i> (Packard)	PG-III
<i>Pima granitella</i> (Ragonot)	CB-III
<i>Plodia interpunctella</i> (Hubner)	Indian Meal Moth; NM-IX,X; GS-X
<i>Pococera</i> sp. 1	[= <i>Tetralopha</i>] GG-VI
<i>Pococera</i> sp. 2	GG-VI
<i>Pococera euphemella</i> (Hulst)	[= <i>Tetralopha</i>] RGV-IV
<i>Pococera tiltella</i> (Hulst)	[= <i>Tetralopha</i>] RGV-IV

<i>Pseudopyrausta santatalis</i> (Barnes & McDunnough)	DW-IX; KB-IX; NM-IX; RGV-X; CB-V,VIII; GG-V,VIII
<i>Pseudoschinia elautalis</i> (Grote)	CB-III,IV,V; OS-III,V; GS-V; NM-IV; KB-III, SN-III; DW-III
<i>Pyrausta andrei</i> Munroe	[ENDEMIC][HOLOTYPE] (NMNH) GG, March, June (Monroe, 1976) I; CB-IX; KB-X
<i>Pyrausta arizonalis</i> Munroe	[=P. arizonensis Mun.] GG-III; CB-X; Gov't Spr.-X
<i>Pyrausta augustalis</i> (Felder & Rogenhofer)	DW-VIII; CB-VIII
<i>Pyrausta flavibrunnea</i> (Hampson)	GS-IX; GG-VI,IX; CB-V,VIII,IX; KB-X; RGV-X
<i>Pyrausta flavofascialis</i> (Grote)	GG-V,VI
<i>Pyrausta grotei</i> Munroe	CB-III
<i>Pyrausta inornatalis</i> (Fernald)	KB-X
<i>Pyrausta klotsi</i> Munroe	GG-VI,IX; CB-V,VIII
<i>Pyrausta laticlavata</i> (Grote & Robinson)	NM-IX
<i>Pyrausta lethalis</i> (Grote)	NM-III, PG-III; HS-III; RGV-III,X
<i>Pyrausta nexalis</i> (Hulst)	GG-X,XI; NM-III,V,VIII,IX; KB-III,V; OS-III; RGV-X
<i>Pyrausta perrubralis</i> (Packard)	GG-III,V,X; GS-X; CB-X
<i>Pyrausta pseudonythesalis</i> Munroe	RGV-X
<i>Pyrausta retidiscalis</i> Munroe	[ENDEMIC][HOLOTYPE] (NMNH) GG, Aug, Sept. (Monroe, 1976); GG-VIII,IX; CB-X
<i>Pyrausta tatalis</i> (Grote)	PrG-X
<i>Pyrausta tyralis</i> (Guenee)	DW-IX; KB-X
<i>Pyrausta volupialis</i> (Grote)	GG-V,VI,X; GS-IX; DW-IX; NM-X; KB-III,X; RGV-X
<i>Quasisalebria admixta</i> Heinrich	GG-III,V,VI,IX
<i>Rhagea packardella</i> (Ragonot)	KB-IV,X,XI; NM-IX; DW-IX
<i>Rhodocantha diagonalis</i> Munroe	NM-IV; KB-III; PJ-X; RGV-X
<i>Rostrlaetilia texanella</i> Blanchard & Ferguson	[PARATYPES] (NMNH) OS, 8-V-72 (Blanchard & Ferguson, 1975); OS,VI; NM-III,IX; KB-III
<i>Rumatha bihinda</i> (Dyar)	KB-III,IV; NM-III
<i>Rumatha glaucatella</i> (Hulst)	NM-VIII
<i>Rumatha polingella</i> (Dyar)	KB-III
<i>Salbia haemorrhoidalis</i> Guenee	DW-VIII
<i>Salebriaria</i> sp. 1	GG-VI

<i>Salebriaria chisosensis</i> Neunzig	[ENDEMIC][HOLOTYPE] (NMNH) GG-VIII (Neunzig, 1988)
<i>Salebriaria fructetella</i> (Hulst)	CB-VIII
<i>Salobrena sincera</i> (Zeller)	NM-IX
<i>Saucrobotys futilalis</i> <i>inconcinnalis</i> (Lederer)	CB-VI,VIII; GG-VI
<i>Scoparia blanchardi</i> Munroe	GG-III
<i>Scoparia palloralis</i> Dyar	GG-III,VI,VIII; NM-III; KB-X
<i>Scybalistodes regularis</i> Munroe	KB-VIII; GG-VI
<i>Selga arizonella</i> (Hulst)	GG-VI,IX; OS-V, PG-IV, CS-IV
<i>Sosipatra</i> sp.	RGV-IV, PG-IV; OS-VI
<i>Sosipatra anthophila</i> (Dyar)	CS-III; NM-IX; KB-IV; GG-V,VI
<i>Sosipatra knudsoni</i> Neunzig	[HOLOTYPE, male] (NCSU) Paint Gap Hills, 2-IV-84, Knudson; [PARATYPES] (NCSU) RGV, IV-06-84, ECK; HS, IV-04-84, ECK (Neunzig, 1991); GG-V
<i>Sosipatra nonparella</i> (Dyar)	NM-V
<i>Sosipatra rileyella</i> (Ragonot)	OS-VIII; NM-V,IX; DW-V; KB-III,IV,V,IX,X,XI; PJ-XI
<i>Spoladea recurvalis</i> (Fabricius)	KB-XI
<i>Tacoma feriella</i> Hulst	RGV-III
<i>Terastris meticulosalis</i> Guenee	CB-IX
<i>Thaumatoopsis bolterella</i> (Fernald)	[=Parapediasia] NM-X; CB-VI,VIII; KB-X
<i>Thaumatoopsis pexella</i> (Zeller)	RGV-X; KB-XI
<i>Thaumatoopsis</i> sp. near <i>repands</i> (Grote)	GG-VI,XI; DW-X; KB-X; RGV-X; GS-IX; OS-X; CB-IX; NM-IX
<i>Toripalpus trabalis</i> Grote	[=Jocara] GG-V,VI,X; KB-III,X; CB-III,V; GS-VIII,IX; DW-V
<i>Tosale aucta</i> Hampson	CB-VIII
<i>Trachycera pallicornella</i> (Ragonot)	GG-V,VI
<i>Triozosneura dorsonotata</i> Blanchard	{PARATYPES} (NMNH) GG, 25-III-71 + 31-III-71 + 6-V-72 + 12-V-72 (Blanchard, 1973); GG-V,VI,IX; CB-VIII,IX
<i>Udea rubigalis</i> (Guenee)	Celery Leaf Tier; HS-III; KB-X; CB-V,VIII; GG-V,VIII
<i>Ufa senta</i> Heinrich	OS-V; RGV-III
<i>Unadilla erronella</i> Zeller	RGV-X; GG-XI
<i>Vitula aegerella</i> Neunzig	GG-III,IX; PG-IV;CB-VI
<i>Vitula edmandsii</i> (Packard)	[=V. serratilineella Rag.] GG-IV; KB-X

<i>Vitula lugubrella</i> (Ragonot)	GG-III,IX, PG-IV; CB-VI
<i>Welderella parvella</i> (Dyar)	OS-III; GG-XI; KB-XI
<i>Yosemitia graciella</i> (Hulst)	SN-IV; RGV-III,IV
<i>Yosemitia longipennella</i> (Hulst)	KB-III,IV; NM-III
<i>Zaboba mitchelli</i> (Dyar)	CB-III,IV; NM-IX, PG-III; GG-V,X
<i>Zamagiria kendalli</i> Blanchard	CB-VI,VIII; GG-V,VI,VIII
<i>Zophodia multistriatella</i> (Blanchard & Knudson)	[=Ozamia multistriatella] [PARATYPES] (NMNH) GG, 28-III-71 + KB-III,IV (Blanchard & Knudson, 1981)
PTEROPHORIDAE	Plume Moths
<i>Anstenoptilia</i> <i>marmarodactyla</i> (Dyar)	GG-V,XI
<i>Emmelina monodactyla</i> (Linnaeus)	KB-XI
<i>Geina tenuidactyla</i> (Fitch)	KB-X
<i>Lioptilodes parvus</i> (Walsingham)	KB-XI; PJ-XI
<i>Megalorrhypida defectalis</i> (Walker)	GG-XI
<i>Oidaematophorus auster</i> Barnes & Lindsey	KB-XI; GG-XI
<i>Oidaematophorus</i> <i>cineraceus</i> Fish	CB-X
<i>Oidaematophorus</i> <i>Cochise</i> Barnes & Lindsey	KB-X
<i>Oidaematophorus</i> <i>longifrons</i> (Walsingham)	CB-X; GG-V,X
<i>Oidaematophorus medius</i> Barnes & Lindsey	CB-X
<i>Oidaematophorus mizar</i> Barnes & Lindsey	CB-X; GG-V
<i>Oidaematophorus pollux</i> Barnes & Lindsey	CB-V
<i>Oidaematophorus</i> <i>varioides</i> McDunnough	CB-V
<i>Platyptilia carduidactyla</i> (Riley)	OS-VI
<i>Shafferia indentatus</i> (Meyrick)	DW-V
<i>Stenoptilodes crenulata</i> (Barnes & McDunnough)	KB-XI
<i>Stenoptilodes taprobanes</i> Meyrick	KB-XI; GG-V
<i>Trichoptilus californicus</i> (Walsingham)	GG-XI; KB-XI
GEOMETRIDAE	

<i>Anacamptodes angulata</i> Rindge	[HOLOTYPE] (AMNH) CB, 4-VII-57, R Zweifel [PARATYPES] (AMNH & CW Kirkwood Coll.) same data as holotype (Rindge, 1966); CB-III,IV,IX,XI
<i>Anacamptodes dataria</i> (Grote)	RGV-IV; CB-V,VIII
<i>Anacamptodes obliquaria</i> (Grote)	GS-IX; GG-III,V,VIII; CB-III,IV,V,VIII; RGV-IV
<i>Anacamptodes pseudoherse</i> Rindge	RGV-IV
<i>Anavitrinella atristrigaria</i> (Barnes & McDunnough)	GG-III,IV,V,VI; DW-X; CB-X; RGV-X
<i>Anavitrinella pampinaria</i> (Guenee)	GG-III
<i>Animomyia minuta</i> Rindge	[HOLOTYPE] (AMNH) OS, 1-X-65 [PARATYPES] (AMNH & NMNH) NM, NM-V, CB-IX, KB-VI,IX, GH-X, CB-X, DW-X, CS-III, PJ-IV Blanchard (Rindge, 1974); GG-X; OS-X; GS-V; DW-VIII,IX,X; NM-IX; CB-IX,X; KB-IV,X; RGV-X
<i>Antepione indiscretata</i> (Hy. Edwards)	GG-IX
<i>Archirhoe neomexicana</i> (Hulst)	CB-VI; KB-X; RGV-X; OS-VIII; GS-VII,IX, GH-X; GG-V, PG-IV; HS-IV
<i>Astalotesia bucurvata</i> Blanchard & Knudson	[HOLOTYPE] (NMNH) [ENDEMIC] CB, 29-III-82, ECK [PARATYPES] same as holotype + GG, 28-III-82, ECK + GG, 25-III-71, A&MEB (Ferguson, et al, 1983); GG, V,VI; CB-III
<i>Besma quercivoraria</i> (Guenee)	GG-III,IV,V,VI,IX,X; CB-III,IV,V,IX
<i>Caripeta ocellaria</i> (Grossbeck)	CB-IX,X; GG-IX
<i>Chesiadodes bicolor</i> Rindge	KB-IV,IX,X; DW-IX; GS-IX; NM-IV,X, GH-X, SN-IV
<i>Chesiadodes polingi</i> (Cassino)	KB-X; PC-IX; CB-IX; DW-IX,X; NM-X; OS-X; GS-X, GH-X
<i>Cheteoscelis bistrigaria</i> (Packard)	GG-III,V,VI,VIII; OS-V; CB-III,V,VIII
<i>Chlorochlamys appellaria</i> Pearsall	BBNP-X
<i>Chlorospilates bicoloraria</i> Packard	OS-VI; RGV-X; DW-VIII,IX; KB-IV,VIII,IX; NM-IX; CB-V,VIII; GG-V,VIII
<i>Chlorospilates minima</i> (Hulst)	KB-III; NM-III
<i>Coryphista meadii</i> (Packard)	Barberry Geometer; CB-V; GG-V
<i>Cyclica frondaria</i> Grote	GG-III
<i>Cyclophora dataria</i> Hulst	CB-VIII
<i>Cyclophora nanaria</i> (Walker)	[reported as <i>serrulata</i> Packard]; CB-V,VI,VIII,IX,X; KB-X; RGV-X; OS-IV; GG-V,VIII
<i>Cyclophora packardi</i> (Prout)	CB-IX
<i>Destutia excelsa olivata</i> (Barnes & McDunnough)	GG-X
<i>Destutia flumenata</i> (Pearsall)	GG-VIII,IX; CB-VIII
<i>Dichorda rectaria</i> (Grote)	GG-IV,V,VI,VIII,IX; CB-IV,V,VIII,IX,X; KB-IV
<i>Dichordophora phoenix</i> (Prout)	GG-VI; KB-III,IV,V,IX,X; RGV-X; GS-V,X; DW-IX,X; PJ-VIII; OS-V; NM-IV,V

<i>Drepanulatrix bifilata</i> (Hulst)	GG-IV,V,VI,VIII,IX,X; CB-V,VI,VIII,IX,X
<i>Drepanulatrix hulstii</i> (Dyar)	GG-VII,VIII
<i>Eriplatymetra grotearia</i> (Packard)	GG-III,IV,V,VI,VIII,IX; CB-V,VIII,IX,X
<i>Ersephila grandipennis</i> Hulst	GG-III,IV
<i>Ersephila indistincta</i> Hulst	GG-III
<i>Euacidalia quakerata</i> Cassino	GG-V,VI,VIII,IX,X; CB-V,VIII,IX; KB-IV
<i>Euacidalia sericearia</i> Packard	GG-V
<i>Eubaphe unicolor</i> (Robinson)	CB-V,VIII,IX,X; GG-V,VI,VIII; KB-X; RGV-X
<i>Eubarnesia ritaria</i> (Grossbeck)	OS-VI; NM-V,IX; DW-5
<i>Eucaterva bonniwelli</i> Cass. & Swett	DW-VIII,IX,X; GS-IX; KB-IX, PrG-IX
<i>Eucaterva variaria</i> Grote	GS-III; KB-III; DW-III
<i>Eulithis luteolata</i> (Hulst)	GG-V,VI
<i>Euphyia swetti</i> Cassino	KB-X; OS-VIII; GG-IX
<i>Eupithecia alpinata</i> Cassino	GG-III; CB-III
<i>Eupithecia bolteri</i> (Hulst)	CB-III; GG-III,IV
<i>Eupithecia maestosa</i> (Hulst)	GG-IX, ECK
<i>Eupithecia matheri</i> Rindge	GG-III
<i>Eupithecia ornata</i> (Hulst)	CB-III,IV; GG-V, VIII
<i>Eupithecia persimulata</i> McDunnough	CB-IX
<i>Eupithecia pertusata</i> McDunnough	CB-V,IX,X; GG-X
<i>Eupithecia placidata</i> Taylor	CB-III,VIII,IX,X; GG-VI
<i>Eupithecia prostrata</i> McDunnough	CB-III
<i>Eusarca tibiaris</i> (McDunnough)	GG-VIII,IX
<i>Glaucina elongata</i> (Hulst)	NM-V,IX
<i>Glaucina erroraria</i> Dyar	GG-V,IX; CB-V,IX; NM-IX; RGV-IV
<i>Glaucina imperdata</i> (Dyar)	KB-VIII
<i>Glaucina interruptaria</i> (Grote)	GG-III,IV,V
<i>Glaucina mayelisaria</i> Blanchard	[HOLOTYPE] (AMNH) GS, 29-IX-65; [PARATYPES] (NMNH) OS, 5-VIII-64 + OS, 4-X-65 + 6-X-65 + DW, 28-IX-65 (Blanchard, 1966); NM-IV
<i>Glaucina nota</i> Rindge	GG-III

<i>Glaucina ochrofuscaria</i> (Grote)	KB-VIII
<i>Glena furfuraria</i> (Hulst)	CB-III,V,VIII,IX; GG-III,V,VIII
<i>Glena nigricaria</i> (Barnes & McDunnough)	GG-V,VIII; CB-V,VIII
<i>Glena zweifeli</i> Rindge	GG-V,VI
<i>Grossbeckia semimaculata</i> Barnes & McDunnough	GG-IV,IX
<i>Hammaptera parinotata</i> (Zeller)	GG-IX
<i>Hemimorina dissociata</i> McDunnough	GG-VI,X; CB-III,VI,VIII,IX; KB-IV,X; OS-V,VI,GS-V,IX; DW-V,IX,X; NM-X
<i>Hydriomena arizonata</i> Barnes & McDunnough	GG-III; CB-III
<i>Hydriomena barnesata</i> Swett	GG-VI
<i>Hydriomena chiricahuata</i> Swett	GG-V,VI
<i>Hydriomena costipunctata</i> Barnes & McDunnough	CB-III,IX,X; GG-IX
<i>Hydriomena modestata</i> Barnes & McDunnough	GG-III,IV,VI; CB-III; PC-IV
<i>Hymenodria mediodentata</i> Barnes & McDunnough	GG-III,IV
<i>Idaea celtima</i> (Schaus)	HS-IV
<i>Idaea eremiata</i> (Hulst)	CB-VIII; GG-VIII; KB-IV; HS-IV; OS-VI
<i>Idaea furciferata</i> Packard	CB-VIII
<i>Idaea gemmata</i> (Packard)	OS-VI
<i>Idaea microphysa</i> (Hulst)	HS-IV; RGV-IV; KB-IV
<i>Idaea occidentaria</i> (Packard)	NM-IX; KB-IV; HS-IV, PG-IV; RGV-IV,X; GG-V,VI,VIII; CB-V,VIII
<i>Idaea productata</i> (Packard)	[reported as subchreata Hulst]; GG-III; CB-III
<i>Iridopsis emasculata</i> (Dyar)	CB-IV,V,IX,X; GG-VI,X
<i>Itame graphidaria</i> (Hulst)	DW-XI; KB-III; CB-V
<i>Itame grossbecki</i> (Barnes & McDunnough)	NM-IX
<i>Itame minata</i> Cassino	NM-IX
<i>Itame pallipennata</i> (Barnes & McDunnough)	OS-IV,VI; KB-X; PC-IX; CB-IV,IX; NM-III; GS-V,VI; DW-V
<i>Itame schatzeata</i> Cassino	PG-IV
<i>Itame sobriaria</i> Barnes & McDunnough	KB-X; GS-X; GG-IX; DW-IX; NM-III,IX, PG-IV, CS-IV

<i>Lambdina vitraria</i> (Grote)	GG-III,V,VIII; CB-VIII
<i>Lithostege deserticola</i> Barnes & McDunnough	KB-X; DW-X; RGV-X
<i>Lobocleta griseata</i> (Cassino)	KB-X; RGV-X; OS-X; NM-IX; DW-V
<i>Lobocleta ossularia</i> (Geyer)	HS-IV
<i>Lobocleta plemyraria</i> (Guenee)	[= <i>L. perrorata</i> Packard, and = <i>L. balistraria</i> Guenee]; OS-VIII,VI,X; GS-IX; NM-IX; DW-IX
<i>Monostoecha</i> sp.	GG-V [New Texas record]
<i>Nacophora cristifera</i> (Hulst)	CB-V,VII,VIII
<i>Nacrophora perfidaria</i> (Barnes & McDunnough)	GG-III,IV,V,VI,VIII,IX; CB-III,V,VI,VIII,IX
<i>Narraga fimetaria</i> (Grote & Robinson)	OS-VI; HS-IV; DW-V
<i>Narraga stalachteria</i> (Stecker)	DW-VIII
<i>Nemeris speciosa</i> (Hulst)	CB-III,X; GG-III
<i>Nemoria albilineata</i> Cassino	GG-III,IV,V,VI; CB-VIII
<i>Nemoria caerulea</i> Prout	GG-V
<i>Nemoria subsequens</i> Ferguson	GG-III
<i>Neoterpes ephelidaria</i> (Hulst)	CB-V,IX; GG-V,IX; KB-IV
<i>Nepterota diagonalis</i> Cassino	GG-V,VI,VIII; KB-IV,X; DW-IX; OS-X; CB-V,VI,VIII,IX; PC-IV; NM-IX,X
<i>Nepterota furva</i> Rindge	NM-IX; KB-X
<i>Nepterota marjorae</i> Rindge	NM-VIII
<i>Nepterota memoriata</i> (Pearsall)	GG-VI,VIII
<i>Orthonama centrostrigaria</i> (Wollaston)	CB-III,VI,X
<i>Parapheromia cassinoi</i> McDunnough	GG-V,IX; CB-V,VIII,IX
<i>Perizoma custodiata</i> (Guenee)	NM-IX; OS-V; RGV-IV; KB-IV; HS-IV
<i>Pero meskaria</i> (Packard)	RGV-IV
<i>Pero modesta</i> (Grossbeck)	GG-III,IV,V,VI,VIII,IX; CB-V,VIII,X; KB-X; RGV-X
<i>Pero radiosaria</i> (Hulst)	GG-V,VI,IX; KB-X; RGV-X, PG-IV
<i>Philtraea paucimacula</i> Barnes & McDunnough	KB-IV,VIII,X; DW-X; RGV-X; GG-III,V,VIII; CB-V,VIII
<i>Pigia multilineata</i> Hulst	GG-IX
<i>Prionomelia spododea</i> (Hulst)	GG-VI; GS-X; CB-IX

<i>Prorella albida</i> (Cassino & Swett)	CB-IX
<i>Prorella gypsata</i> (Grote)	GG-IX; CB-IX
<i>Prorella insipidata</i> (Pearsall)	CB-IX
<i>Prorella mellisa</i> (Grossbeck)	OS-X; CB-IX,X; GG-IX,X
<i>Prorella opinata</i> (Pearsall)	CB-IX; GG-IX
<i>Prorella protoptata</i> (McDunnough)	CB-V
<i>Pterospoda nigrescens</i> (Hulst)	DW-IV,X; RGV-X; NM-IX; KB-IV; HS-IV; CB-VIII
<i>Scopula ancillata</i> (Hulst)	GG-V,VIII; CB-V,VIII,IX
<i>Scopula limboundata</i> (Haworth)	GG-V
<i>Scopula plantagenaria</i> (Hulst)	GG-V,VI,VIII; CB-III,V,VIII; DW-V,VIII
<i>Scopula umbilicata</i> (Fabricius)	KB-X; RGV-X; DW-V
<i>Semaeopus ella</i> (Hulst)	OS-IV,V,VI,X; GG-VI,VIII,IX,X; CB-VIII,IX,X; KB-X; RGV-X; NM-IX,X
<i>Semaeopus gracilata</i> (Grossbeck)	OS-VIII
<i>Semiothisa azureata</i> (Cassino)	GG-V
<i>Semiothisa californiaria</i> (Packard)	GG-III,V,IX, CS-IV; CB-III
<i>Semiothisa colorata</i> Grote	KB-IV,X; RGV-X; GG-V,IX; NM-IX; DW-IX, CS-IV, PG-IV
<i>Semiothisa curvata</i> (Grote)	CB-IX
<i>Semiothisa cyda</i> (Druce)	OS-VI; KB-IV,IX,X; RGV-IV,X; NM-IX; DW-IX; HS-IV
<i>Semiothisa delectata</i> Hulst	RGV-X; GG-IV,V,IX,X; KB-IV
<i>Semiothisa excurvata</i> (Packard)	GG-III,IV,V,VI,VIII; KB-X; CB-V,VIII
<i>Semiothisa flaviterminata</i> (Barnes & McDunnough)	RGV-X
<i>Semiothisa hypaethrata</i> (Grote)	RGV-X; DW-IV,V,VI,VII,VIII,IX,X; HS-IV; GS-VI
<i>Semiothisa indeterminate</i> McDunnough	RGV-X
<i>Semiothisa irrorata</i> (Packard)	RGV-IV,X; DW-IV; HS-IV, PG-IV
<i>Semiothisa maculifascia</i> (Hulst)	CM-VI
<i>Semiothisa nigrocomma</i> Warren	RGV-X; CB-V,VIII
<i>Semiothisa pallidata</i> (Packard)	GG-V
<i>Semiothisa parcata</i> (Grossbeck)	RGV-X
<i>Semiothisa pervolata</i> (Hulst)	GG-III; KB-IV,X, PG-IV; RGV-X

<i>Semiothisa piccoloi</i> Rindge	DW-V
<i>Semiothisa punctolineata</i> (Packard)	GG-V; KB-X,XI; RGV-X; CB-V
<i>Semiothisa respersata</i> (Hulst)	GG-III,IV,V,VI,IX; CB-III,IV,V,VI
<i>Semiothisa sirenata</i> McDunnough	RGV-IV,X; HS-IV
<i>Semiothisa triviata</i> (Barnes & McDunnough)	GG-V
<i>Sicya morsicaria</i> (Hulst)	GG-III,V,VI,VIII; CB-III,V,VIII,X
<i>Sicyopsis blanchardata</i> Ferguson	[ALLOTYPE, female] (NMNH) Panther Pass, 6000 ft. (CM), 2-VI-1973, DC Ferguson {PARATYPES} (NMNH, A. Blanchard Coll., JG Franclemont Coll. and ECK Coll.); CB-VIII,IXGG, 5500 ft., 10-V-1966, 14-V-1966, 27-VI, 1965, 1-VII-1965, 14-IX-1971, 2-X-1967, 5-X-1965, 7-X-1965, 27-VIII-1964, 24-IX-1963,A&ME Blanchard, GG, 14-V-1977, ECK + Gov't Spr., 13-V-1966, 29-IX-1965, 4-X-1967, A&ME Blanchard + OS, 4-X-1965, 5-X-1967, 5-X-1965, A&ME Blanchard + KB, 25-IX-1971, A&ME Blanchard (Ferguson, 1983) GG-III,V,VI,IX; CB-V
<i>Somatolophia haydenata</i> (Packard)	
<i>Somatolophia petila</i> Rindge	[PARATYPES] (AMNH, NMNH) GG-III,VIX,X; CB-IV,V,VIII,IX,X, OS-X, ECK & Blanchard (Rindge, 1980)
<i>Stamnoctenis morrisata</i> (Hulst)	GG-III,IV,V,IX; CB-III,IX,X
<i>Stamnodes franckata</i> (Pearsall)	CB-IX,X; GG-IX
<i>Stamnodes seiferti</i> (Neumoegen)	CB-IX,X; GG-IX
<i>Stenoporpia anastomosaria</i> (Grossbeck)	GG-III,V
<i>Stenoporpia blanchardi</i> Rindge	GG-III,IV,V,VI,IX; CB-III,V,IX,X
<i>Stenoporpia dissonaria</i> (Hulst)	GG-V,VI; CB-V
<i>Stenoporpia margueritae farina</i> Rindge	GG-IV,V,VI,IX; CB-V,IX,X
<i>Stergamataea delicata dolliata</i> Grossb.	GG-V
<i>Synaxis triangulata</i> (Barnes & McDunnough)	GG-III,V,IX; CB-IX
<i>Synchlora frondaria</i> Guenée	SEC-IX; NM-IX
<i>Synglochis perumbraria</i> Hulst	NM-IX; KB-IV
<i>Vinemina opacaria</i> (Hulst)	CB-V,VI,IX; GG-III,IV,V,VI; PC-IV
<i>Xenoecista mendicata</i> (Hulst)	GG-VIII,IX
<i>Xerochlora inveterascaria</i> (Swett)	GG-V,VI; CB-V,VI
<i>Xerochlora mesotheides</i> Ferguson	NM-IV,V,IX; KB-IV; GG-VI
<i>Zenophraps lignicolorata</i> (Packard)	GG-III,IV,VI,IX; CB-IX
<i>Zenophraps obscurata infumata</i> Barnes & McDunnough	GG-IV,V,VI,IX,X; KB-X

MIMALLONIDAE	Sack Bearers
<i>Cicinnus melsheimeri</i> (Harris)	GG-V,VI,VIII; CB-V,VI,VIII
APETELODIDAE	
<i>Olceclostera seraphica</i> (Dyar)	GG-III,V,VI,VIII; Sam Nail Ranch, IV; CB-V,VI,VIII; OS-VI
LASIOCAMPIDAE	Tussock Moths
<i>Apotolype brevicrista</i> (Dyar)	NM-III,V; PJ-V
<i>Gloveria gargamelle</i> (Strecker)	GG-VIII
<i>Tolype mayelisae</i> Franclemont	NM-X
SATURNIIDAE	Giant Silk Moths
<i>Agapema galbina</i> (Clemens)	[=A. <i>anona dyari</i> Ckrl.] KB-X; RGV-X; GS-IX, GH-IX; DW-IX,X; CB-IX
<i>Antheraea polyphemus</i> (Cramer)	[=A. <i>oculea</i> (Neum.)] Polyphemus Moth; CB-V,VII,VIII; GG-V,VI,VIII
<i>Eupackardia calleta</i> (Westwood)	Calleta Moth; GS-IX
<i>Hemileuca chinatiensis</i> (Tinkham)	Chinati Buck Moth; "should occur in Chihuahuan Desert, IX,X, day flier" (ECK)
<i>Syssphinx hubbardi</i> Dyar	[=Sphingicampa] RGV-VIII; KB-IX
<i>Syssphinx raspa</i> (Boisduval)	[=Sphingicampa] Black Gap Management Area-IV
SPHINGIDAE	Sphinx Moths or Hawk Moths
<i>Adhemarius blanchardorum</i> (Ferguson)	[=Amplifypterus] [ENDEMIC] [HOLOTYPE] (NMNH, BMNH) Blanchard's Sphinx, Panther Pass in CM, 6000 ft., 06-04-73, RW Hodges {PARATYPES GG, 5500 ft., 05-13-72, JG Franclemont + 3,6,12 May, 1972 + 2 June 1972 + 2 June 1973, A&ME Blanchard (Hodges, 1985); GG-V
<i>Aellopos clavipes</i> (Rothschild & Jordan)	Banded Day Sphinx; GG-IX
<i>Agrus cingulata</i> (Fabricius)	Pink Spotted Hawkmoth; GS-IX; KB-IX
<i>Cocytius antaeus</i> (Drury)	Giant Sphinx; NM-X
<i>Darapsa myron</i> Cramer	GG-V
<i>Dolbogene hartwegii</i> (Butler)	Hartwig's Sphinx; GG-V
<i>Erinnyis domingonis</i> (Bulter)	Domingo Sphinx; DW-IX
<i>Erinnyis ello</i> (Linnaeus)	Ello Sphinx; DW-IX
<i>Erinnyis obscura</i> (Fabricius)	Obscure Sphinx; GG-IX; KB-IX,X; NM-IX; GS-IX; DW-IX, San Vicente-IX; CB-V,VIII
<i>Eumorpha achemon</i> (Drury)	Achemon Sphinx; CB-VII; RGV-VIII, GH-IX; GG-V
<i>Eumorpha vitis</i> (Linnaeus)	Grapevine Sphinx; GS-X; DW-IX; NM-IX, San Vicente Crossing-IX
<i>Hyles lineata</i> (Fabricius)	White Lined Hawkmoth; San Vicente-IX; DW-IV,V,VIII,IX; GG- V,VIII,IX; KB-IV,VIII,IX; CB-V,VIII,IX; HS-IV; NM-IX; GS-IX, PG-IV; RGV-IV,V,VIII

<i>Laothoe juglandis</i> (JE Smith)	Walnut Sphinx; PJ-VIII; DW-IX
<i>Manduca quinquemaculata</i> (Haworth)	Tomato Sphinx; DW-IX; KB-IV,IX; NM-IX; GS-IX; CB-V,VIII,IX; HS-IV
<i>Manduca rustica</i> (Fabricius)	Rustic Sphinx; OS-VI,VIII; GG-VII; DW-IX; KB-IX; NM-IX; CB-VIII
<i>Manduca sexta</i> (Linnaeus)	Tobacco Sphinx; San Vicente Crossing-X; NM-IX; CB-VIII
<i>Pachylia ficus</i> (Linnaeus)	Fig Sphinx; DW-IX
<i>Pachysphinx occidentalis</i> (Hy. Edwards)	Western Poplar Sphinx; RGV-IV,X; DW-IX; KB-IV; HS-IV; CB-VIII
<i>Smerinthus saliceti</i> Boisduval	Saliceti Sphinx; HS-IV, San Vicente Crossing-XI
<i>Sphinx asella</i> Rothschild & Jordan	CB-V
<i>Sphinx chersis</i> (Hubner)	Great Ash Sphinx; CB-VII,VIII,IX; OS-IV; GG-IX
<i>Sphinx istar</i> (Rothschild & Jordan)	Istar Sphinx; CB-VI,VII,VIII; OS-VII; GG-VI; DW-X; NM-X
<i>Sphinx libocedrus</i> Hy. Edwards	Juniper Sphinx; CB-III; DW-VII,IX; NM-IX,X; GG-V
<i>Xylophanes falco</i> (Walker)	Falcon Sphinx; CB-VI,VII,VIII,IX; GG-VI,VII,IX; GS-IX
DOIDAE	
<i>Doa ampla</i> (Grote)	CB-IX; GG-VI,VII,IX
NOTODONTIDAE	
Prominent Moths	
<i>Datana perspicua</i> Grote & Robinson	CB-VIII,IX
<i>Heterocampa belfragei</i> Grote	GG-V,VI,VIII
<i>Heterocampa secessionis</i> Benjamin	CB-V,VIII,IX; GG-V,VI,IX
<i>Hippia packardii</i> (Morrison)	OS-V,VIII; CB-VIII; Sam Nail Ranch, IV; DW-IX; GG-V
<i>Hyparpax aurostriata</i> Graef	GG-VI
<i>Hyparpax venus</i> Neumoegen	CB-V; GG-V,VI
<i>Litodonta alpina</i> Benjamin	GG-V,VI,VIII,IX; CB-V,VI,VIII,IX
<i>Litodonta wymola</i> (Barnes)	OS-VI,VIII,X; GS-V,VIII,IX; RGV-VIII; CB-IX; GG-VII; DW-V,VII; NM-IV
<i>Lochmaeus manteo</i> Doubleday	CB-V,VIII,IX; GG-VI,VIII ["may defoliate oaks in Park" ECK]
<i>Macrurocampa dorothea</i> Dyar	CB-V,VII,VIII,IX; GG-V,VI,VIII,IX
<i>Oligocentria alpica</i> (Benjamin)	GG-IV,V, VIII; GS-IX; KB-IV; CB-V,VIII
<i>Oligocentria perangulata</i> (Hy. Edwards)	GG-V,VI; CB-V,VIII,IX
<i>Praeschausia zapata</i> (Schaus)	HS-VIII
<i>Schizura errucata</i> Dyar	CB-VI,IX; NM-V; KB-IV

<i>Symmerista suavis</i> (Barnes)	CB-VIII,IX; GG-VIII
<i>Ursia furtiva</i> Blanchard	[ENDEMIC][HOLOTYPE] (USNM) PC, 2-IX-64, 5200', Blanchard (Blanchard, 1971); GS-IX
ARCTIIDAE	Tiger Moths
<i>Arachnis picta</i> Packard	Painted Tiger Moth; CB-VIII,IX; GG-VI,IX
<i>Bertholdia trigona</i> (Grote)	Trigona Tiger Moth; CB-III,V,VI,VII,VIII,IX; GG-IV,VI,VII,VIII,IX,X
<i>Bruceia pulverina</i> Neumoegen	Powered Lichen Moth; GG-V
<i>Cisthene angelus</i> (Dyar)	Angelic Lichen Moth; GG-V; CB-V
<i>Cisthene barnesii</i> (Dyar)	Barnes' Lichen Moth; CB-VIII; KB-X; RGV-X
<i>Cisthene tenuifascia</i> Harvey	GG-V,VI; CB-V
<i>Crambidia cephalica</i> (Grote & Robinson)	Gold Headed Lichen Moth; RGV-IV
<i>Crambidia myrlosea</i> Dyar	GG-VI; CB-X
<i>Ctenucha venosa</i> Walker	Veined Ctenucha; CB-VIII; GG-V,X; KB-X; RGV-X
<i>Dysschema howardi</i> (Hy. Edwards)	[=Dartitis] Howard's Tiger Moth; GG-V (larva); CB-VIII,IX,X
<i>Ectypia bivittata</i> Clemens	CB-III,V,VI,VIII,IX; GS-V; GG-VI,IX; KB-IV,V,X
<i>Ectypia mexinana</i> (Dognin)	BBR-III
<i>Estigmene acrea</i> (Drury)	Acrea Moth; CB-VIII,IX; PG-IV
<i>Euchaetes Cressida</i> Dyar	[=E. helena Cassino] KB-III
<i>Euchaetes perlevis</i> Grote	DW-V; KB-IV; HS-IV
<i>Euchaetes polingi</i> (Cassino)	GG-V; CB-V
<i>Euchaetes zella</i> (Dyar)	GS-V,VII; OS-VI,VII; GG-V; NM-V,IX; RGV-X; DW-V
<i>Eudesmia arida</i> (Skinner)	Gaudy Lichen Moth; GS-VII,VIII; OS-VIII; DW-VI,VIII; RGV-VIII,X; PJ- VIII; CB-VIII
<i>Grammia nevadensis</i> (Grote & Robinson)	[=Apantesis] Nevada Tiger Moth; GG-IV,VII,VIII,IX; CB-VIII,IX; PJ; KB
<i>Haematomis mexicana</i> (Druce)	Mexican Lichen Moth; OS-V; GG-V,V,VIII; CB-V,VIII
<i>Halysidota davisii</i> Hy. Edwards	Davis Mountains Tiger Moth; GG-IX,CB-VIII,IX
<i>Hemihyalea labecula</i> (Grote)	CB-V,VIII,IX; GG-V,VI,IX
<i>Holomelina costata</i> (Stretch)	Plain Western Holomelina; GG-V,VI; OS-V,VI; CB-V,VII,VIII,IX; PC-IX
<i>Horama panthalon</i> (Fabricius)	GS-VII; OS-VII; NM-IX; RGV-X; CB-VIII
<i>Hypercompe suffusata</i> Schaus	CB-VIII
<i>Hypoprepia cadaverosa</i> Strecker	Pale Lichen Moth; CB-V,VI,VIII; GG-V,VI,VIII; OS-V

<i>Hypoprepia inculta</i> Hy. Edwards	Pink Streaked Lichen Moth; GG-V,VI; CB-VI
<i>Lophocampa caryae</i> Harris	Hickory Tiger Moth; CB-III,V,IX; GG-III,V,IX; KB-X; RGV-X
<i>Lophocampa pura</i> (Neumoegen)	Pure Tiger Moth; CB-III,V,VIII,IX; GG-IX
<i>Lycomorpha splendens</i> Barnes & McDunnough	Splendid Lichen Moth; GS-VIII; PJ-VIII; PC-IX; NM-IV; OS-V,VIII; RGV-VIII; KB-X; GG-V
<i>Macrocneme chrysitis</i> (Guerin-Meneville)	BBNP, no data
<i>Opharus muricolor</i> (Dyar)	CB-V,VI,VII,VIII,IX; GG-VI,VII,IX
<i>Pygarctia flavidorsalis</i> Barnes & McDunnough	GG-V; CB-VIII
<i>Syntomeida melanthus</i> (Cramer)	Morning Glory Wasp Moth; DW-IX,X; OS-VI,VIII; PC-IV; GS-VIII,IX; NM-IX,X; RGV-X; CB-VIII
LYMANTRIIDAE	Tussock Moths
<i>Dasychira mescalera</i> Ferguson	[PARATYPES] (NMNH) CB-VIII,IX + GG, VI-VIII, Blanchard (Ferguson, 1978)
NOCTUIDAE	Owlet Moths
<i>Abagrotis alampeta</i> Franclemont	GG-V,VI
<i>Abagrotis alternata</i> (Grote)	CB-X
<i>Abagrotis barnesi</i> (Benjamin)	OS-VII; CB-V,IX; GG-IX
<i>Abagrotis mexicana</i> Lafontaine	[HOLOTYPE] GG-VI [PARATYPES] CB, 29-VI-65, Blanchard (both NMNH) (LaFontaine, 1998)
<i>Abagrotis mirabilis</i> (Grote)	BIBE?
<i>Abagrotis orbis</i> (Grote)	[=A. variata Grote] OS-VII; CB-V,IX; GG-V,IX
<i>Abrostola microvalis</i> Ottolengui	CB-IX; GG-IX; KB-IV,X; OS-IV
<i>Acontia aprica</i> (Hubner)	HS-VIII; CB-V
<i>Acontia areli</i> Strecker	GG-V,VI,IX; NM-IX; CB-V,VI,VIII; HS-IV
<i>Acontia arida</i> Smith	KB-IV,IX
<i>Acontia bella</i> (Barnes & Benjamin)	GG-V; CB-V,IX
<i>Acontia cretata</i> (Grote & Robinson)	HS-VIII; GG-V; NM-IX; KB-IV; OS-VI; RGV-X; CB-V,VIII; DW-V,VIII
<i>Acontia expolita</i> (Grote)	CB-V,VIII,IX; NM-IX; GG-V,VIII
<i>Acontia lanceolata</i> (Grote)	GG-V,VIII,IX; CB-V,VIII; NM-V,IX, UTC-V
<i>Acontia lucasi</i> Smith	DW-VIII; KB-VIII; CB-V,VIII
<i>Acontia sedata</i> (Henry Edwards)	GS-IX; RGV-IV
<i>Acontia sutor</i> (Hampson)	OS-VI

<i>Acontia tenuicula</i> (Morrison)	NM-IX; KB-VIII,X; RGV-X; GG-V,VIII; CB-V,VIII
<i>Acontia tetragona</i> Walker	NM-IX; GG-V,VIII; CB-V,VIII
<i>Acronicta brumosa</i> Guenee	CB-V,VI; GG-VI
<i>Acronicta lobeliae</i> Guenee	CB-V,VIII
<i>Acronicta valliscola</i> Blanchard	[HOLOTYPE] (NMNH) GG, 5200', 10-V-66, Blanchard; [PARATYPES] PC, 2-IX-64 (AMNH) + PC, 1-IV-65 + 8-IV-67 & GG, 3-IV-65 + 27-VI-65 + 5-X-65 + 14-V-66 + 20-X-66 + 7-X-66 + 11-X-66 (Blanchard, 1968); GG-III,IV,V,VI,VIII,X; PC-IV,IX; OS-X; CB-V,VIII,IX [=Ctenoplusia] DW-IX; CB-VIII
<i>Agrapha oxygramma</i> (Geyer)	
<i>Agrotis ipsilon</i> (Hufnagel)	Black (or Greasy) Cutworm; CB-III,V,VIII,IX; GG-IV,IX; KB-X; RGV-XI
<i>Agrotis malefida</i> Guenee	Pale-Sided Cutworm; CB-IX; GG-IV,V,VI,IX,XI; KB-XI; DW-X,RGV-X
<i>Agrotis vetusta</i> (Walker)	NM-X; GG-X,XI; OS-X; GS-X; KB-X
<i>Agrotisia evelinae</i> Benjamin	PC-IX; GG-V,VI,VIII,IX,X; OS-VI; CB-V,VIII,IX
<i>Alabama argillacea</i> (Hubner)	Cotton Leafworm; KB-IX
<i>Aleptina aleptivoides</i> (Barnes & McDunnough)	DW-X
<i>Aleptina inca</i> Dyar	UTC-V; DW-IV,VIII; GS-VI,VIII; NM-IX,X; KB-IV,VIII; GG-V,VI,VIII; OS-VI; RGV-X; CB-V,VIII
<i>Aleptina junctimacula</i> Blanchard	[HOLOTYPE] (NMNH) DW, 29-VIII-1965, A&ME Blanchard; [PARATYPES] (NMNH) same data as holotype, A&ME Blanchard + NM, 17-IX-1971 (A. Blanchard Coll.) + NM, 6-VI-1973, DC Ferguson (NMNH) (Todd, Blanchard & Poole, 1984); DW-IX; RGV-X, UTC-V, ECK
<i>Amphipyra pyramidoides</i> Guenee	Copper Underwing; GG-IX
<i>Amyna bullula</i> (Grote)	GS-VIII; NM-IX
<i>Amyna octo</i> (Guenee)	RGV-X; KB-X,XI
<i>Androloma disparata</i> (Henry Edwards)	RGV-IV
<i>Anicla (Euagrotis)</i> <i>biformata</i> Lafontaine	GG,,CB, VIII-X. New record for BBNP, ECK
<i>Anicla (Euagrotis) digna</i> (Morrison)	KB-IV,XI
<i>Anicla (Euagrotis)</i> <i>exuberans</i> (Smith)	CB-IX; GG-V,VI,IX; KB-X
<i>Anomis erosa</i> Hubner	GS-X; CB-V, UTC-V
<i>Anorthodes triquetana</i> (Grote)	GG-V,VI,VII; CB-VI,VII
<i>Anticarsia gemmatilis</i> Hubner	Velvetbean Caterpillar; CB-VI,VIII,IX,X; RGV-X
<i>Anycteola fotelloides</i> (Barnes & McDunnough)	GS-VI,VI,VIII,IX; OS-IV,VI; NM-IV,V, CS-III; DW-VI,IX; UTC-V; KB-IV,V; RGV-X; CB-V
<i>Aon noctuiformis</i> Neumoegen	OS-IV
<i>Apamaea grotei</i> (Barnes & McDunnough)	GG-V

<i>Apamea atrosuffusa</i> (Barnes & McDunnough)	GG-V,VI
<i>Apamea ona</i> (Smith)	[=Crymodes] GG-IX,X; CB-IX
<i>Apamea relicina</i> (Morrison)	[=Crymodes] CB-IX,X; GG-IX; NM-IX; DW-IX
<i>Ascalapha odorata</i> (Linnaeus)	Black Witch; DW-IX
<i>Autoplusia egea</i> (Guenee)	CB-V
<i>Azenia implora</i> Grote	DW-VIII
<i>Bagisara buxea</i> (Grote)	GS-VI,VII; NM-IV; CB-VI, VIII; RGV-X
<i>Bagisara praecelsa</i> Ferguson	GG-VI
<i>Bagisara rectifascia</i> (Grote)	GG-V; RGV-IV; CB-V
<i>Bagisara tristicta</i> (Hampson)	GG-V; OS-X
<i>Basilodes chrysopis</i> Grote	GG-IX; RGV-X
<i>Bleptina minimalis</i> Barnes & McDunnough	KB-VI,VIII; NM-IX; GG-V,VI; OS-VI
<i>Bleptina sangamonica</i> Barnes & McDunnough	GG-VI,IX
<i>Bulia deducta</i> (Morrison)	GG-V,VI,VIII,IX,XI; CB-V,VI,VIII,IX; KB-IV,VIII,XI; NM-V; OS-VI; RGV-X; DW-XI; on flowers of mesquite tree, south side of Barker House, May 25 2000, R. R. Clinebell (BBNP IAR 2000)
<i>Bulia similis</i> Richards	DW-V
<i>Caenurgina erechtea</i> (Cramer)	PJ-IX; CB-VI; OS-VI; RGV-VIII
<i>Callistege intercalaris</i> (Grote)	OS-VIII; PC-IX; CB-VIII
<i>Callistege triangula</i> (Barnes & McDunnough)	CB-VIII,IX; GG-IX
<i>Caradrina camina</i> Smith	[=Platyperigea] GG-IX,X; CB-IX,X
<i>Catabena lineolata</i> Walker	NM-III,IX; HS-VIII; DW-VIII,IX; KB-IV,VIII,XI; RGV-X,XI
<i>Catabena vitrina</i> (Walker)	NM-IX; GG-V,VI,VIII,IX; KB-IV; OS-VI; CB-V,VIII; DW-V,VIII
<i>Catocala arizonae</i> Grote	[=C. <i>junctura arizonae</i> Grt.] Arizona Underwing; OS-VIII
<i>Catocala desdemona</i> Edwards	[=C. <i>delilah</i> Strecker] Desdemona Underwing; CB-V,VIII; GG-V,VI; OS-VIII
<i>Catocala electilis</i> Walker	Electilis Underwing; GG-X
<i>Catocala frederici</i> Grote	Frederic's Underwing; CB-V,VI,VII,VIII; OS-VIII; PC-IX; GG-V,VI,VII,X
<i>Catocala ilia zoe</i> Behr	GG-VI
<i>Catocala jessica</i> Edwards	[=C. <i>babayaga</i> Strecker] Babayaga Underwing; GS-IX
<i>Catocala texana</i> French	CB-VIII

<i>Catocala verrilliana</i> Grote	Verrill's Underwing; CB-V,VI,VII,VIII; GG-V,VI
<i>Catocala violenta</i> Hy. Edwards	Violent Underwing; GG-V,VI
<i>Celiptera valina</i> (Schaus)	CB-X
<i>Cerathosia tricolor</i> Smith	NM-IX
<i>Chalcopasta fulgens</i> Barnes & McDunnough	GS-VIII; NM-X
<i>Chalcopasta howardi</i> (Edwards)	GS-VIII,IX; GG-IX; OS-X; NM-X
<i>Characoma nilotica</i> (Rogenhoffer)	CB-V,VIII,IX; OS-VI; KB-X,XI; GG-V,VIII,XI
<i>Charadra ingenua</i> Smith	CB-III,V,VI,VIII,IX; GG-IV,V,VI,VIII; PC-IV
<i>Cissusa mucronata</i> (Grote)	GG-III,IV,V,VI; CB-III,V,VI
<i>Cissusa valens</i> (Edwards)	CB-III,IV; GG-III
<i>Cobubatha antonita</i> (Dyar)	CB-III; DW-VIII,X; KB-IV,X; OS-IV,VI, CS-IV; RGV-X; GG-VI
<i>Cobubatha dividua</i> (Grote)	KB-III,IV,VIII; HS-IV,VIII; OS-IV, CS-IV; RGV-X; CB-V,VIII; GG-V,VIII
<i>Cobubatha lixiva</i> (Grote)	OS-V, CS-IV
<i>Cobubatha orthozona</i> (Hampson)	CB-VI; DW-VIII; KB-IV,VIII; OS-IV; GG-V
<i>Condica albolabes</i> (Grote)	[=Platysenta] CB-III,V,VII,VIII,IX,X; GG-V,VI,VIII,IX; OS-VI; KB-X
<i>Condica mobilis</i> (Walker)	[=Platysenta] CB-IX; GG-IX
<i>Condica sutor</i> (Guenée)	[=Platysenta] CB-V,IX; KB-X; RGV-XI
<i>Condica temecula</i> Barnes	[=Platysenta] GG-V,VI,IX; CB-V,VI,VIII,IX,X; OS-VI
<i>Condica videns</i> (Guenée)	[=Platysenta] CB-IX; KB-X; RGV-X
<i>Conochoares alter</i> (Smith)	KB-IV,VIII; GG-V,VIII; NM-IX; GS-III; OS-IV,VI, CS-IV; RGV-X; CB-V,VIII
<i>Conochoares arizonae</i> (Edwards)	GS-III; DW-V; KB-IV,VIII; HS-VIII; NM-IX; GG-V,VIII; OS-IV, CS-IV; CB-V,VIII
<i>Copanarta aurea</i> (Grote)	[=C. nigerrima Smith] CB-III,V,VI,VIII,IX; GG-VI,IX; HS-IV; KB-X; RGV-X
<i>Crambodes talidiformis</i> Guenée	CB-V,VIII,IX; GG-V,VI,VIII,IX
<i>Cropia connecta</i> (Smith)	GG-VIII
<i>Cropia ruthaea</i> Dyar	GG-V
<i>Cropia templada</i> (Schaus)	GS-VIII
<i>Cucullia charon</i> Poole	[HOLOTYPE] (NMNH) Panther Pass, 2-VI-73, Ferguson [PARATYPES] (NMNH) same data as holotype (Poole, 1995); GG-VI
<i>Cucullia dorsalis</i> Smith	[=C. speyeri dorsalis Smith] CB-VI,IX; PC-IX; KB-IV
<i>Cucullia eucaena</i> Dyar	GG-VII

<i>Cucullia laetifica</i> Lintner	PC-IX; CB-VIII,IX; KB-IV
<i>Cucullia liliacina</i> Schaus	CB-VIII,X
<i>Cucullia montanae</i> Grote	GG-VIII
<i>Dasyblemma straminea</i> Dyar	CB-VI; GG-V,VI,XI; KB-XI
<i>Dichargyris</i> sp. 1, near salina (Barnes)	[=Richia] NM-IV,IX,X; GS-VII,X; DW-III,IV,IX; KB-III,IV; CB-VIII; GG-V,VI; HS-IV
<i>Dichargyris</i> (<i>Loxagrotis</i>) arabella (Dyar)	BBNP
<i>Dichargyris</i> (<i>Loxagrotis</i>) cataclivis (Dyar)	[=Richia opaca] CB-IX; GG-IX
<i>Dichargyris</i> (<i>Loxagrotis</i>) grotei Franclemont & Todd	[=Richia] CB-VIII,IX,X; GG-IX
<i>Dichargyris</i> (<i>Loxagrotis</i>) polycala Lafontaine	[PARATYPE] (NMNH) (1964) CB-VIII, A. Blanchard (Lafontaine & Gill, 2004)
<i>Dichargyris</i> (<i>Loxagrotis</i>) proclivis (Smith)	CB-IX, ECK. New BIBE record
<i>Dichargyris</i> (<i>Pseudorichia</i>) cymnopristes (Dyar)	[=Richia] CB-VI,VII,VIII; PC-IX; GG-VII
<i>Discestra mutata</i> (Dod)	PG-IV
<i>Discestra trifolii</i> (Hufnagel)	Nutmeg; RGV-IV
<i>Dolocucullia minor</i> (Barnes & McDunnough)	[=Cucullia] NM-X; CB-IX; GS-VIII; DW-VIII,IX,X; PJ-VIII; OS-X; GG-X; KB-X
<i>Drasteria fumosa</i> (Strecker)	[=Synedoida] OS-VI; GG-III,V,IX; CB-V
<i>Drasteria howlandi</i> (Grote)	[=Synedoida] CB-III,V,VI,VIII; GG-III,V,VIII,IX
<i>Drasteria inepta</i> (Henry Edwards)	[=Synedoida] CB-III,V,VI,VII,VIII; GG-III,IV,V,VI,VIII; OS-VI
<i>Drasteria pallescens</i> (Grote & Robinson)	[=Synedoida] CB-III,V,VI,VIII,IX; GG-III,V,VI,IX; KB-IV,X; OS-VI; DW-IX
<i>Drasteria sabulosa</i> abrupta (Barnes & McDunnough)	[=Synedoida] CB-V,VIII; GG-V,VIII
<i>Drasteria tejonica</i> (Behr)	[=Synedoida] DW-VIII
<i>Draudtia egestis</i> (Smith)	[=Condica] KB-IV; GG-V,VI,VIII; CB-V,VIII
<i>Draudtia morsa</i> (Smith)	[=Condica] UTC-V; HS-IV; RGV-X,XI; DW-XI
<i>Draudtia revellata</i> (Barnes & Benjamin)	[=Condica] NM-IX; DW-IV,X,XI; RGV-XI; CB-V
<i>Dypterygia dolens</i> (Druce)	GS-X; CB-VIII
<i>Dypterygia patina</i> (Harvey)	CB-III,V,VIII,IX,X; GG-V,VI,VIII,IX,XI; GS-IX,X; HS-IV; KB-X,XI; DW-X,XI; RGV-X,XI
<i>Egira variabilis</i> (Smith)	CB-III,IV; PC-IV; GG-IV
<i>Elapheria exesa</i> Guenee	GG-V
<i>Elaphria grata</i> Hubner	CB-III; RGV-X

<i>Enigmogramma basigera</i> Walker	DW-V
<i>Eriopyga iole</i> Schaus	GG-V
<i>Erythroecia suavis</i> (Edwards)	GG-V
<i>Eubolina impartialis</i> Harvey	HS-IV; GG-V; CB-V
<i>Eulithosia composita</i> Edwards	NM-IX
<i>Eulithosia discistriga</i> (Smith)	[=Hoplolythra] GS-IX; OS-IV,VII,VIII; CB-V; DW-VII,VIII; NM-IX; KB-III,IV,VIII, UTC-V
<i>Eumestleta cinnamomea</i> (Herrich-Schaffer)	GG-XI
<i>Eumestleta recta</i> (Guenee)	KB-XI; GG-XI
<i>Euscirrhopterus cosyra</i> (Druce)	DW-VIII; GS-VII,IX; OS-VII
<i>Eutelia furcata</i> (Walker)	CB-VIII
<i>Euxoa auxiliaris</i> (Grote)	Army Cutworm; CB-III,V,VIII,IX; GG-III,V,IX; KB-X,XI
<i>Euxoa camalpa manca</i> Benjamin	CB-III,V,VIII,IX,X; PC-IV; GS-V; GG-V,VI,IX,X
<i>Euxoa immixta</i> (Grote)	CB-IX
<i>Euxoa inconcinna</i> (Harvey)	CB-III,V,IX; GG-III; KB-IV,X
<i>Euxoa medialis</i> (Smith)	GG-X
<i>Euxoa sculptilis</i> (Harvey)	GG-X,XI
<i>Euxoa xasta</i> Barnes & McDunnough	GS-V
<i>Faronta tetera</i> (Smith)	PC-IX; CB-VIII; GG-IX
<i>Feltia subterranea</i> (Fabricius)	[=Agrotis] GG-VI,XI; KB-X,XI; RGV-X
<i>Fotella</i> sp. 1	UTC-V; HS-VIII; DW-VIII; KB-IV
<i>Fotella notalis</i> Grote	GGIX; CB-VIII
<i>Galgula partita</i> Guenee	CB-IV,V,VI,VIII; GG-V,VI,VIII; OS-VI; KB-X
<i>Goniocarsia electra</i> (Schaus)	GG-X
<i>Gonodonta pyrgo</i> (Cramer)	CB-VIII
<i>Grotella binda</i> Barnes	DW-VIII,IX,X; GS-IX; NM-IX
<i>Grotella blanchardi</i> McElvare	[PARATYPES] (NMNH & AMNH) Grapevine Hills, 9-21-63, A&M Blanchard + CB, 9/58, McElvare (McElvare, RR, 1966); NM-IV,X; GS-VII,IX; OS-VI,VII,VIII; PC-IX
<i>Grotella dis</i> Grote	CB-IX; GG-VIII,IX; DW-IX
<i>Grotella margueritaria</i> Blanchard	[ENDEMIC] [HOLOTYPE] (NMNH) NM, 3000', 8-IX-66, [PARATYPES] NM, 7-VIII-64, 8-X-66, 9-X-66 (Blanchard, 1968)
<i>Grotella sampita</i> Barnes	NM-IX

<i>Grotella septempunctata</i> Harvey	NM-IX
<i>Grotella tricolor</i> Barnes	NM-IX,X
<i>Grotella vauriae</i> McElvare	[HOLOTYPE] (AMNH) Tornillo Cr., near HS, 7-6-48, C&P Vaurie (McElvare, 1950); OS-V,VI; NM-IV,IX,X; RGV-IV,X
<i>Helicoverpa zea</i> (Boddie)	[= <i>Heliothis</i>] CB-VIII,IX,X; GG-VI,IX; OS-VI; KB-IV,X,XI; HS-IV; RGV-X
<i>Heliocheilus paradoxus</i> (Grote)	[= <i>Heliothis</i>] GS-IX; CB-VIII
<i>Heliothis phloxiphagus</i> Grote & Robinson	GG-IX
<i>Heliothis virescens</i> (Fabricius)	CB-IX; GG-IX
<i>Hemeroplanis scopulepes</i> Haworth	DW-5
<i>Hemibryomima</i> <i>chryselectra</i> (Grote)	GG-III,V,VI,IX; CB-IX,X; OS-IV,VIII; KB-IV
<i>Hemieuxoa rudens</i> (Harvey)	CB-III,V,VIII,IX,X; GG-V,VI,IX,X,XI; KB-III,IV,VIII,X,XI; HS-IV,X; DW- IV,X,XI; RGV-XI; PJ-XI, COS-X
<i>Herminocala stigmaphiles</i> (Dyar)	[= <i>Rhosologia</i>] GG-V,VI,IX; CB-III; OS-VI; KB-X
<i>Heteranassa mima</i> (Harvey)	GG-V,VI,VIII,XI; OS-VI; RGV-IV,X; KB-IV,XI; HS-IV; CB-V,VIII; DW- V,VIII
<i>Hexorthodes emendata</i> Blanchard & Knudson	[PARATYPES] CB, 8-VII-64 & 29-IV-65; GG, 27-VI-65 & 1-VII-65; OS, 11-V-66, A&ME Blanchard; GG, 28-V-81, ECK [Holotype dep. in NMNH, not from BBNP] (Blanchard & Knudson, 1985)
<i>Hexorthodes nipana</i> (Smith)	[= <i>Polia</i>] CB-III,VIII,IX,X; GG-III,IX; OS-IX
<i>Hexorthodes serrata</i> (Smith)	GS-IX; PC-IV, GH-X; GG-III,IX; CB-IX; RGV-IV,X, PG-IV; KB-X,XI
<i>Hexorthodesa tuana</i> (Smith)	[= <i>Polia</i>] CB-IX
<i>Homohadena rustica</i> Barnes & McDunnough	RGV-IV
<i>Homorthodes discreta</i> (Barnes & McDunnough)	GG-V,VI,VIII,IX; OS-X; CB-X
<i>Homorthodes fractura</i> (Smith)	GG-IX; CB-IX,X; DW-IX
<i>Homorthodes furfurata</i> <i>lindseyi</i> (Benjamin)	KB-IX; CB-III,IX; GG-IX
<i>Homorthodes furfurata</i> <i>uniformis</i> (Smith)	CB-III
<i>Hydroeciodes</i> <i>auripurpurea</i> (Blanchard)	[= <i>Hydroecia</i>] [HOLOTYPE] [ENDEMIC] (NMNH) GG, 5400', 11-X- 1966 [PARATYPES] CB, 3-X-65 + GG, 2 to 7-X-65 + GG, 11-X-66, Blanchard (Blanchard, 1968)
<i>Hydroeciodes serrata</i> (Grote)	GG-IX,X; CB-X; GS-X
<i>Hypena abjurialis</i> Walker	[= <i>Ophiuche</i>] RGV-X
<i>Hypena minualis</i> Guenee	[= <i>Ophiuche</i>] GS-IX; RGV-X; KB-XI; CB-VIII
<i>Hypena scabra</i> (Fabricius)	[= <i>Platypena</i>] Clover Moth; GG-V
<i>Hypenula cacuminalis</i> (Walker)	OS-V; CB-VI; GG-VI; RGV-X
<i>Hyperepia jugifera</i> (Dyar)	[= <i>H. pi</i> B&L] CB-IX,X

<i>Hypocala andremona</i> (Stol)	CB-VIII,IX; KB-X; RGV-X
<i>Ianius mosca</i> (Dyar)	GG-IV,VII,IX; PC-IV; CB-V
<i>Idia aemula</i> Hubner	GG-VI
<i>Idia lubricalis</i> (Geyer)	Dried Leaf Moth; NM-IX; GG-V,VI; CB-VI
<i>Iscadia aptera</i> Walker	GG-V; CB-X
<i>Isogona texana</i> (Smith)	NM-IX; KB-IV; OS-VI; RGV-X; CB-VIII
<i>Lacanobia prodeniformis</i> (Smith)	[=Trichordestra] CB-VIII,IX,X; GS-VIII,X; GG-IX
<i>Lacinipolia erecta</i> (Walker)	RGV-IV; HS-IV
<i>Lacinipolia incurva</i> (Smith)	CB-III,VIII; GG-IV; KB-X
<i>Lacinipolia marinitincta appendicula</i> McDunnough	CB-VIII,IX,X; GG-IX
<i>Lacinipolia quadrilineata</i> (Grote)	CB-IX; DW-IX; NM-IX, PG-IV
<i>Lacinipolia rodora</i> (Dyar)	GG-IV; KB-IV
<i>Lacinipolia spiculosa</i> (Grote)	CB-IX
<i>Lacinipolia strigicollis</i> (Wallengren)	OS-VI; CB-III,V,VIII,IX; GG-IX; DW-VIII,IX; KB-IV,VIII
<i>Lacinipolia uliginosa</i> (Smith)	CB-IX; GG-IX
<i>Lacinipolia vicina sareta</i> (Smith)	CB-III
<i>Lacinipolia vittula</i> (Grote)	GG-VIII; CB-IX
<i>Lepipolys perscripta</i> Guenee	KB-IX; GG-IX, PG-IV; RGV-X
<i>Lesmone griseipennis</i> (Grote)	GG-III,V,VI; OS-IV,VI; CB-V; HS-IV
<i>Lesmone hinna</i> (Geyer)	GG-IX; RGV-X
<i>Leucania imperfecta</i> Smith	CB-III,VIII,IX; OS-VII; GG-IV,V,VI,IX; KB-IV,X,XI
<i>Leucania insueta</i> Guenee	CB-VI (old record)
<i>Leucania latiuscula</i> Herrich-Schaffer	CB-IX
<i>Leucania oaxacana</i> Schaus	NM-IX,X; GG-III,V,VI,VIII,IX,X,XI; GS-IX,X; DW-III; OS-V; CB-III,V,VIII; KB-X,XI; RGV-X
<i>Leucania stolata</i> Smith	GG-V
<i>Leucania subpunctata</i> (Harvey)	CB-IX
<i>Leucocnemis nivalis</i> (Smith)	DW-VIII; NM-IV,IX; GG-VIII,IX; OS-VI; CB-V
<i>Leucocnemis perfundis</i> (Smith)	GH-IX; DW-IV,VIII; HS-IV,VIII; NM-IX; CB-V,IX; KB-IV; OS-VI; RGV-VIII,X
<i>Lineostriastiria hachita</i> (Barnes)	[=? <i>Polenta</i>] GH-IX; GS-IX; OS-VIII,IX; DW-VIII,IX,X; NM-IX,X; RGV-X; CB-VIII; Study Butte, X

<i>Lithacodia musta</i> (Grote & Robinson)	[=?? <i>Erastria</i>] GG-V
<i>Lithophane</i> sp. 1	GG-XI
<i>Magusa orbifera</i> (Walker)	Tropical Armyworm; CB-V,VI,VIII,IX; GG-V,VI,VIII,IX; DW-V,VIII,IX; KB-X,XI; OS-VI; RGV-X
<i>Marathyssa inflicta</i> (Walker)	GG-V,VI,VIII,IX; OS-IV,VI; CB-V,VIII,IX,
<i>Matigramma emmilita</i> Franclemont	GG-VI,VII,VIII; CB-V,VI,VII,VIII
<i>Matigramma inopinata</i> Franclemont	[PARATYPES] (CUIC, Franclemont Coll.) DW, GG, GS, NM, KB, all 1-1to 13-V-1972, J.G. Franclemont (Franclemont, 1972); KB-III, CS-III; DW-III
<i>Matigramma rubrosuffusa</i> Grote	GG-III,VI; OS-VI
<i>Megalographa biloba</i> (Stephens)	[= <i>Autographa</i>][= <i>Plusia</i>] Bilobed Looper; GG-V,IX; KB-XI
<i>Meleneta antennata</i> Smith	CB-III
<i>Melipotis acontioides</i> (Guenee)	GG-V,IX; CB-V,VIII,IX; DW-V
<i>Melipotis cellaris</i> (Guenee)	RGV-X,XI, KB-X; CB-V
<i>Melipotis fasciolaris</i> (Hubner)	GG-V; CB-V
<i>Melipotis indomita</i> (Walker)	CB-V,VIII,IX; GG-IV,V,VIII,IX; KB-IV,X,XI; DW-V,VIII,X; RGV-X
<i>Melipotis jucunda</i> Hubner	KB-IV,VIII,X; CB-V,VIII,IX; RGV-X; GG-V,VIII
<i>Melipotis novanda</i> (Guenee)	GG-V,VI,VIII,IX,XI; OS-VI,VII,VIII; DW-X; RGV-X; GS-VII,VIII; CB-V,VII,VIII,IX; KB-IV,X,XI; PC-IX
<i>Melipotis perpendicularis</i> (Guenee)	DW-VIII; RGV-X
<i>Metalectra edilis</i> (Smith)	CB-VIII
<i>Metalectra miserulata</i> (Grote)	GG-V,VI,VIII,IX; CB-V,VIII,IX
<i>Metallata absumens</i> Walker	CB-VIII
<i>Metapopneumata rogenhoferi</i> Moeschler	OS-V; DW-VI, UTC-V; HS-VIII; NM-IX; GG-V, CB-V
<i>Micrathetis costiplaga</i> (Smith)	GG-V,VIII; CB-V, PG-IV; RGV-X
<i>Miracavira brillians</i> (Barnes)	GG-VI; CB-VIII
<i>Mocis latipes</i> (Guenee)	CB-VIII,IX; GS-VIII, GH-IX; KB-X,XI; RGV-X; DW-X
<i>Nacopa melanderi</i> Barnes & Benjamin	GG-V,VI,VIII,IX,X; CB-IV,VI,VIII,IX,X; OS-V,VII; PC-V; KB-III
<i>Neleucania bicolorata</i> (Grote)	GG-V,IX; OS-IV;CB-V
<i>Neogalea sunia</i> Guenee	[=N. esula Druce] GG-V,IX; CB-V,VIII,IX,X; PC-IX; OS-VI; GS-VIII,IX; HS-IV; KB-IV
<i>Nocloa aliaga</i> Barnes	CB-VIII
<i>Nocloa plagiata</i> Smith	CB-V,VIII,IX,X; PC-IX; GG-VIII,IX

<i>Obrima rinconada</i> Schaus	GG-VI; OS-VI
<i>Ogdoconta tacna</i> Barnes	GG-V
<i>Oncocnemis atricollaris</i> (Harvey)	KB-IV; CB-IX
<i>Oncocnemis basifugens</i> (Dyar)	GS-X; NM-X
<i>Oncocnemis chorda</i> (Grote)	GG-X
<i>Oncocnemis cottami</i> Blanchard	[ENDEMIC][HOLOTYPE] (NMNH) CB, 5500', 10-V-66 [PARATYPES] (NMNH, & AMNH & BMNH) CB, 7-VII-64 + 10-VII-64 + 4-VIII-64 + 29-VIII-65 + 29-VI-64 + GG, 27-VI-65 + 25-III-71 + 28-III-71 + GS, 27-III-71 (Blanchard, 1972); CB-III,V,VI,VII,VIII,IX; GG-III,VI,IX; GS-III; OS-VII,VIII
<i>Oncocnemis griseicollis</i> Grote	CB-III,VIII,IX; GG-IX; KB-IV
<i>Oncocnemis heterogena</i> Blanchard	[HOLOTYPE] (NMNH) GG, 27-VIII-65; [PARATYPES] CB, 4-VIII-64 + 4-IX-64 + 29-III-65 + 25-VIII-65 + 28-VIII-65 + 14-V-66 + 7-IV-67 & PC, 1-IV-65 + 8-IV-67 & GG, 3-IV-65 + 27-VIII-65 + 5-IV-67 + 25-III-71 + 25-III-71, all Blanchard (Blanchard, 1972); GG-V
<i>Oncocnemis modesta</i> McDunnough	GG-X; NM-X; GS-X; OS-X; DW-X; KB-X; RGV-X
<i>Oncocnemis nigrocaput</i> Smith	GS-III
<i>Oncocnemis pernotata</i> Grote	CB-X; KB-X; DW-X
<i>Oncocnemis sectilis</i> (Smith)	UTC-V
<i>Oncocnemis semicollaris</i> Smith	GG-III,V,VI; CB-V,VIII
<i>Oncocnemis toddi</i> Blanchard	[HOLOTYPE] (NMNH) near DW, 28-IX-65, 3000', Blanchard; [PARATYPES] (NMNH) same data (Blanchard, 1968); RGV-X
<i>Opsigalea blanchardi</i> Todd	[PARATYPE] BBNP Coll. & Blanchard Coll.); OS-05-VIII-1964 + Grapevine Hill, 03-IX-1964 + DW, 07-VIII-1964, A&ME Blanchard (Todd, 1966); (Holotype in NMNH #64643, from Alpine, TX, A&ME Blanchard); OS-VI,VIII; DW-VII,VIII,IX, GH-IX, UTC-V; KB-IV
<i>Orthosia mediomacula</i> Barnes & Benjamin	CB-IX,X; GS-IX; GG-IX
<i>Oxycnemis acuna</i> Barnes	DW-V; NM-IV,V,IX; GS-III; KB-IV,VIII,IX, UTC-V; OS-VI
<i>Oxycnemis franclemonti</i> Blanchard	[HOLOTYPE] (NMNH, BBNP) GG, 5400', 3 April 1965 [PARATYPES] DW, 28-IX-65 + GS, 29-IX-65 + OS, 6-X-65 + Grapevine Hills, 2-X-1965 + OS, 29-IX-1965 + DW, 3-X-66; NM, 9-X-66 & 6-IV-67, Blanchard (Blanchard, 1968); NM-IV,V,IX,X; KB-IV,X,X
<i>Oxycnemis gracillima</i> (Grote)	DW-III,VIII,IX,X; KB-III,IV,IX, CS-III; GS-III,VI; HS-IV,VIII; NM-VI,IX; OS-VI
<i>Oxycnemis grandimacula</i> Barnes & McDunnough	NM-IX; KB-III,IV,VIII
<i>Ozarba aerea</i> (Grote)	OS-VI; GS-VI; DW-V; KB-X; HS-VIII; NM-V; GG-C; RGV-X
<i>Ozarba fannia</i> (Druce)	GS-VI; DW-V; HS-VIII; NM-V;GG-V; OS-VI; KB-X; RGV-X
<i>Ozarba propera</i> (Grote)	NM-IX
<i>Paectes abrostella</i> (Walker)	CB-III,V,IX; GG-III,V; OS-IV
<i>Paectes pygmaea</i> Hubner	CB-III,V,VI,IX; GG-III,V,VI; OS-IV,VI
<i>Paramiana marina</i> (Smith)	GS-VIII; DW-IX

<i>Paramiana perissa</i> Nye	CB-VIII,IX
<i>Paramiana smaragdina</i> (Neumoegen)	CB-VIII,IX
<i>Peridroma saucia</i> (Hubner)	CB-VIII; KB-X,XI; RGV-X,XI; DW-XI; PJ-XI; GG-XI
<i>Phobolosa anfracta</i> (Hy.Edwards)	DW-IX; NM-IX; GG-V,VI,VIII,IX; CB-V,VIII,IX
<i>Phytometra apicata</i> Barnes & McDunnough	GG-V,VI,VII,IX; KB-X; OS-IV
<i>Phytometra obliquialis</i> (Dyar)	GS-IV; GG-V,XI; KB-IV,X,XI; RGV-X
<i>Phytometra orgiae</i> Grote	GG-V; NM-IX; KB-IV,X
<i>Plagiomimicus aureolus</i> (Edwards)	[=Stibadium] GS-IX; GG-IX,X; CB-IX; OS-X
<i>Plagiomimicus dimidiatus</i> (Grote)	[=Stibadium] CB-IX,X; GG-IX,X; GS-X
<i>Plagiomimicus mimica</i> Poole	NM-IX
<i>Plagiomimicus navius</i> (Harvey)	[="Stibadium"] NM-V
<i>Plagiomimicus olvello</i> (Barnes)	[=Stibadium] GS-X
<i>Plagiomimicus</i> <i>spumosum</i> (Grote)	RGV-X
<i>Plagiomimicus tepperi</i> (Morrison)	[=Polenta] DW-X; OS-X; NM-IX
<i>Policocnemis unguatus</i> Benjamin	GS-V,VI,IX; DW-IX; OS-IV,VIII,IX, UTC-V; NM-IX,X; KB-IV; RGV-X
<i>Properigea continens</i> (Hy.Edwards)	GG-V; CB-V; DW-VIII,IX
<i>Properigea costa</i> (Barnes & Benjamin)	CB-V,VI; OS-IV,VI; GG-V,VI,VIII,IX,X; KB-IV
<i>Properigea oculosa</i> (Grote)	GG-III,IV,V,VI; CB-III,VI,X
<i>Properigea seitzii</i> (Barnes & Benjamin)	CB-V,VI,VII,VIII,IX; PC-IV,IX; OS-IV,VI; GG-IV,V,VI,VII; NM-IV; KB-IV
<i>Prosoparia perfuscaria</i> Grote	GG-VI
<i>Prothrinax luteomedia</i> (Smith)	[specific id may be invalid] DW-III,IX; NM-IX,X; GS-III,IX,X; KB-IV,VIII; PG-IV; CS-IV
<i>Protoperigea posticata</i> (Harvey)	KB-X
<i>Protorthodes alfkenii</i> (Grote)	CB-V,IX,X; GG-V,IX,X; DW-IV,IX; GS-V,IX; OS-V,X; HS-IV; KB-IV; RGV-IV, CS-IV
<i>Protorthodes melanopis</i> (Hampson)	GG-III; DW-X
<i>Protorthodes mulina</i> (Schaus)	CB-X; OS-X; GG-III,V,IX,X; GS-X; NM-X
<i>Protorthodes texana</i> (Smith)	DW-IX; KB-X; RGV-X
<i>Pseudaletia unipuncta</i> (Haworth)	Armyworm; CB-V,VIII,IX; KB-IV,X,XI; GG-V,VI,VIII,XI; RGV-X,XI; DW-XI; PJ-XI
<i>Pseudanarta actura</i> Smith	CB-IX; GG-IX; KB-X
<i>Pseudanarta daemonalis</i> Franclemont	CB-IX; GG-IX,X; OS-X

<i>Pseudanarta pulverulenta</i> (Smith)	GG-IX,X; CB-IX,X
<i>Pseudanarta singula</i> (Grote)	GG-VIII,IX,X; CB-VIII,IX; GS-IX
<i>Pseudopanthea palata</i> egua (Dyar)	CB-III,V,VII,VIII,IX; GG-III,IV,V,VI,VIII; PC-IX
<i>Pseudoplusia includens</i> (Walker)	Soybean Looper Moth; CB-IX; KB-X
<i>Pseudorgyia versuta</i> Harvey	CB-V,VI,VII,IX; GG-V,VI,,VII,IX; OS-VI
<i>Ptichodis ovalis</i> (Grote)	[=P. ovulalis (Grt.)] CB-IV,V,VI; GG-IV,V,VI
<i>Rachiplusia ou</i> (Guenee)	CB-V,VIII,IX; KB-X,XI
<i>Renia discoloralis</i> Guenee	GG-V
<i>Renia hutsoni</i> Smith	GG-IX
<i>Richia chortalis</i> (Harvey)	GG-X
<i>Ruacodes tela</i> (Smith)	NM-IX; DW-IX
<i>Sarbenia</i> sp. 1	[??] GG-V,VI; CB-V,VI
<i>Schinia accessa</i> Smith	CB-IX
<i>Schinia alencis</i> (Harvey)	CB-IX
<i>Schinia argentifascia</i> Barnes & McDunnough	CB-VIII,IX; DW-IX; GG-IX; RGV-X
<i>Schinia bina</i> (Guenee)	DW-VIII
<i>Schinia chrysella</i> (Grote)	DW-IX
<i>Schinia ciliata</i> Smith	CB-IX
<i>Schinia citrinella</i> (Grote & Robinson)	GG-V
<i>Schinia errans</i> Smith	CB-VIII
<i>Schinia hulstia</i> Tepper	CB-VIII,IX
<i>Schinia intrabilis</i> Smith	RGV-IV
<i>Schinia miniana</i> (Grote)	GS-IX; DW-VII,VIII, GH-IX; OS-IV, UTC-V; RGV-IV
<i>Schinia mortua packardi</i> (Grote)	GS-VIII; DW-VIII, GH-IX
<i>Schinia oleagina</i> Morrison	Grapevine Hills-IX; GS-IX; GG-IX; CB-IX
<i>Schinia roseitincta</i> (Harvey)	NM-IV
<i>Schinia rufocostulata</i> Pogue & Harp	[HOLOTYPE] (NMNH) DW, 27-VIII-63, A&ME Blanchard (Pogue & Harp, 2005); DW,CB,GG-VIII,IX, ECK (ENDEMIC)
<i>Schinia sara</i> Smith	GH-IX; GS-IX; GG-IX; CB-IX
<i>Schinia sexplagiata</i> Smith	GS-IX; NM-IX

<i>Schinia tertia</i> (Grote)	GG-IX
<i>Scotogramma gatei</i> (Smith)	GG-X; OS-X; GS-X; KB-X
<i>Scotogramma ptilodonta</i> (Grote)	KB-III
<i>Spodoptera eridania</i> (Stoll)	GS-X; CB-VIII
<i>Spodoptera exigua</i> (Hubner)	Beet Armyworm; GH-IX; GG-V,VIII,IX,XI; CB-V,VI,VIII,IX; KB-IV,X,XI, CS-IV; PJ-XI
<i>Spodoptera frugiperda</i> (JE Smith)	Fall Armyworm; CB-VIII,IX,X; GG-VI,XI; KB-X,XI,
<i>Spodoptera latifascia</i> Walker	CB-VIII
<i>Spodoptera ornithogalli</i> (Guenee)	Yellow Striped Armyworm; CB-VI,VIII,IX,X; GG-VI; KB-X
<i>Spragueia funeralis</i> Grote	GG-V,VI; CB-V,VI,VIII
<i>Spragueia magnifica</i> Grote	GG-V; CB-V
<i>Spragueia obatra</i> (Morrison)	OS-VI; GG-V,VI; CB-V,IX
<i>Stiria blanchardi</i> (Hogue)	[=Basilodes] [PARATYPE] (LACM, Blanchard Coll., NMNH, AMNH) OS, 31-VIII-1964 + CB, 4-IX-1964 A&ME Blanchard (Hogue, 1965); CB-VIII,IX; GG-IX; DW-X; NM-X, GH-IX
<i>Stiria intermixta</i> Dyar	GG-IX; CB-IX
<i>Stiria sulphurea</i> Neumoegen	GG-IX; CB-IX
<i>Stiriodes edentata</i> (Grote)	DW-IX; NM-IX (Blanchard, A & EC Knudson, 1984)
<i>Stiriodes perflava</i> (Harvey)	GS-IX; GG-V,IX; CB-V,IX; KB-X
<i>Striacosta albicosta</i> (Smith)	[=Richia] [=Loxagrotis] GG-VI,IX; OS-VI
<i>Supralathosea baboquivariensis</i> Barnes & Benjamin	CB-III,VI,VII,VIII; GG-IV,V,VI,VII,XI; GS-III; KB-IV,XI; OS-IV; PJ-XI
<i>Supralathosea pronuba</i> (Barnes & McDunnough)	[=Catabena] DW-IV,IX; GS-IX; NM-IX; RGV-X
<i>Tarachidia binocula</i> (Grote)	DW-VIII
<i>Tarachidia clausula</i> (Grote)	KB-VIII; HS-VIII; DW-VIII
<i>Tarachidia cuta</i> (Smith)	NM-V,IX; CB-V,VIII,IX; GS-IX; KB-VIII; GG-V,VI,VIII; OS-VI; RGV-X
<i>Tarachidia dorneri</i> (Barnes & McDunnough)	NM-V,IX; GG-V,VI,VIII; HS-VIII; DW-VIII; KB-VIII; OS-VI; RGV-X; CB-V,VIII
<i>Tarachidia heonyx</i> Dyar	DW-VIII; CB-V; HS-VIII; NM-IX; OS-IV,VI, PG-IV; GG-VI
<i>Tarachidia huita</i> (Smith)	CB-IX; NM-IX; RGV-X
<i>Tarachidia libedis</i> (Smith)	GG-V,VIII; RGV-IV; NM-IX; OS-IV; CB-V,VIII; DW-V,VIII
<i>Tarachidia phecolisca</i> (Druce)	CB-V,VIII
<i>Tarachidia venustula</i> (Walker)	NM-IX; CB-V,VIII; KB-VIII; DW-VIII; GG-V,VI,VIII; RGV-X

<i>Tathorhynchus exsiccatus</i> (Lederer)	OS-VI; RGV-X; GG-V,IX,XI; CB-V,IX
<i>Tetanolita floridana</i> Smith	DW-IX; HS-IV, CS-IV; KB-XI
<i>Toxonprucha crudelis</i> (Grote)	OS-VI; KB-IV,X; HS-IV; RGV-IV;GG-V; CB-V
<i>Toxonprucha diffundens</i> (Walker)	CB-V
<i>Toxonprucha psegmapteryx</i> (Dyar)	GG-V; CB-V,VIII
<i>Toxonprucha volucris</i> (Grote)	GG-III,V,VI,VIII; OS-IV,VI; HS-IV; CB-V,VIII
<i>Trichoclea postica</i> Smith	RGV-VIII,XI; CB-VIII; OS-IV,X; GS-IV; DW-X,XI; HS-IV
<i>Trichocosmia inornata</i> Grote	GH-IX; KB-IV, PG-IV; GS-IV; Study Butte, X
<i>Tricholita chipeta endiva</i> Smith	CB-IX; GG-IX; DW-IX; KB-IX
<i>Trichoplusia ni</i> (Hubner)	Cabbage Looper Moth; GG-VI,XI; KB-X,XI
<i>Trichopolia dentatella</i> Grote	GS-IX; NM-IX; DW-IX; CB-III; KB-IV
<i>Tridepia nova</i> (Smith)	GG-VI; NM-IX, PG-IV, CS-IV; RGV-IV
<i>Triocnemis saporis</i> Grote	DW-VII; NM-IV
<i>Tripudia chihuahua</i> Blanchard & Knudson	[HOLOTYPE] (NMNH) NM, 8-X-69, A&ME Blanchard; [PARATYPES] (NMNH) DW, 2-VII-65 + OS, 30-VI-65, A&ME Blanchard; DW, VIII,IX; OS-IV; KB-IV, VIII; Gov't Spr., 12-IX-82, ECK (Blanchard & Knudson, 1984a)
<i>Tripudia dimidata</i> (Smith)	NM-IX,X; DW-IX; RGV-X
<i>Tripudia flavofasciata</i> Grote	RGV-X; GG-V
<i>Tripudia inquaesita</i> (Barnes & Benjamin)	OS-IV,VI; KB-III,IV; CB-VIII
<i>Tripudia limbata</i> (Henry Edwards)	OS-IV; CB-V
<i>Tripudia luxuriosa</i> Smith	GS-IV; CB-VI,VIII; KB-IV,X,XI; OS-IV,VI; DW-X
<i>Tripudia quadrifera</i> (Zeller)	NM-IX; KB-IV; RGV-X
<i>Ulonche consopita</i> (Grote)	CB-III; GG-III,IV,V,VI; OS-V; PC-IV
<i>Ulonche dilecta</i> (Hy.Edwards)	CB-III,V; GG-IV,V; HS-IV; DW-IV; RGV-X
<i>Ulonche disticha</i> (Morrison)	GG-III,IV; CB-III,IV, GH-IX; KB-IV
<i>Ulonche orbiculata</i> (Smith)	CB-III,V; GG-IV,IX; PC-IV; RGV-IV; DW-IX; KB-IV
<i>Xerociris wilsonii</i> (Grote)	HS-IV; RGV-X; CB-V
<i>Zale chisosensis</i> Blanch. & Franclemont	[HOLOTYPE] (NMNH) CB-VIII, GG-VI, ECK [PARATYPES] GG, 27-VI-65 & 12-V-72, A&ME Blanchard (Blanchard & Franclemont, 1982)
<i>Zale Colorado</i> (Smith)	GG-III,IV,V; CB-IV,V,VI; OS-VI
<i>Zale fictilis</i> Guenee	CB-VIII

<i>Zale insuda</i> (Smith)	CB-V,VI,VII,VIII; PC-IX; GG-V,VI,VIII; OS-VI
<i>Zale lunata</i> (Drury)	KB-XI; RGV-X
<i>Zale rubiata</i> (Smith)	RGV-IV; HS-VIII
<i>Zale sabena</i> (Schaus)	GG-IV; PC-IV
<i>Zale termina</i> (Grote)	GG-III,V,VI; GS-V; CB-VI
<i>Zaleops umbrina</i> (Grote)	GG-V,VI,VIII; GS-VIII; PC-IX; CB-V,VII,VIII; UTC-V; OS-IV

DIPTERA

TIPULIDAE

<i>Cryptolabis</i> sp.	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Cryptolabis</i> sp. 2	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Cryptolabis</i> sp. 4	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Cryptolabis</i> sp., prob. <i>minutula</i> Alexander	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera</i> sp.	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Erioptera</i> sp. near <i>knabi</i> Alexander	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Erioptera</i> sp. near <i>needhami</i> Alexander	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Erioptera</i> "needhami Alexander" (sp. 2?)	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera</i> sp. 1 (nr. <i>caliptera</i> Say)	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera caliptera</i> Say	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Erioptera cana</i> Walker	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera empedoides</i> (Alexander)	[= <i>Empedomorpha</i>] BBNP, 7-29-37, RHB (See Alexander, 1946)
<i>Erioptera immaculata</i> Alexander	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera knabi</i> Alexander	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera pilipes</i> Fabricius	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Erioptera quadricincta</i> (Alexander)	BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Gnophomyia</i> sp.	[= <i>Eugnophomyia</i>] BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Gonomyia</i> (<i>Progonomyia</i>) <i>slossonae</i> Alexander	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus; BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Gonomyia</i> (<i>Euptilostena</i>) sp 1	BBNP, 1992, det., J Gelhaus (BBNP letter)
<i>Gonomyia</i> (<i>Euptilostena</i>) <i>polingi</i> Alexander	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus; BBNP, 1992, det. J Gelhaus (BBNP letter)
<i>Gonomyia</i> (<i>Gonomyia</i>) sp.	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus

<i>Gonomyia (Gonomyia) paiuta</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Gonomyia (Gonomyia) spinifer</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Gonomyia (Idiocera) hoogstraali</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Gonomyia (Neolipophleps) sp.</i>	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Gonomyia (Neolipophleps) helophila</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Limonia sp. 1</i>	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Limonia sp. 2</i>	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Limonia sp. 3</i>	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Limonia (Dicranomyia) defuncta</i> (Osten Sacken)	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Limonia (Dicranomyia) humidicola</i> (OstenSacken)	BBNP, 1992, det. J. Gelhaus, (BBNP letter)
<i>Limonia (Geranomyia) distincta</i> (Doane)	BBNP. 1992, det. J. Gelhaus (BBNP letter)
<i>Limonia (Geranomyia) guatemalensis</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Limonia (Geranomyia) ibis</i> (Alexander)	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Limonia (Geranomyia) parapentheres</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Nephrotoma perincisa</i> Alexander	[may be tealei Oosterbroek](Oosterbroek, 1984)
<i>Nephrotoma wulpiana</i> (Bergroth)	[= <i>N. occidentalis</i>][= <i>N. suturalis wulpiana</i> (Berg.)] BBNP, 7/29/37, RHB; BBNP, 1992, det. <i>N. suturalis wulpiana</i> , J. Gelhaus (BBNP letter) [<i>N. suturalis</i> syn. of <i>N. ferruginia</i> Fabricius]
<i>Orimarga arizonensis</i> Coquillett	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Pedicia (Tricyphona) sp. 1</i>	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Prionocera sp.</i>	Goat Mountain Spr; Apr (Bowles, 2000)
<i>Teucholabis sp. near lucida</i> Alexander	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus
<i>Tipula (Bellardina) schizomera</i> Alexander	Big Bend Ranch, 30 May-1 June, 1992, Jon Gelhaus, det. Gelhaus; BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Tipula (Lunatipula) sp. 5</i>	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Tipula (Lunatipula) polingi</i> Alexander	BBNP, 1992, det. J. Gelhaus (BBNP letter)
<i>Tipula (Yamatotipula) sp. 1</i>	BBNP, 1992, det. J. Gelhaus (BBNP letter)
SCIARIDAE	
<i>Bradysia sp.</i>	GG, 5500', 06/72, AVP

CECIDOMYIIDAE

<i>Asphondylia betheli</i> Cockerell	[=A. <i>Opuntiae</i> Felt] Marathon, mid-March, 1925, emerging from prickly-pear, <i>Opuntia imbricata</i> (Haworth) DeCandolle (Mann, 1969)
PSYCHODIDAE	
<i>Maruina</i> sp.	immature stages; Ojito Adentro spring run, Big Bend Ranch State Park, 29 Dec 1995, 28 Apr 1996, 29 Nov 1997 (Bowles, 1999)
CHAOBORIDAE	[inc. Corethrellidae]
<i>Corethrella laneana</i> Vargas	Pena Spring, Jan & Feb., 1999, K. Lund (Lund, 2000)
CULICIDAE	
<i>Aedes atropalpus</i> (Coquillett)	no data, G.Lanzaro, BBNP file list; Hot Springs, larvae, June 28-30, 1972, J.K.Olson; near Boot Springs, from depression in large boulder, 09-01-69, T.J.Zavortink, correspondence with Park, 1969 [Name change to <i>A. epacius</i>]
<i>Aedes brelandi</i> Zavortink	South Rim Trail, from treeholes, 10/9/95, Wesson
<i>Aedes dorsalis</i> (Meigen)	Brewster Co., no specific locality, June – Nov (Eads, et al, 1951)
<i>Aedes hendersoni</i> Cockerell	no data, G.Lanzaro, BBNP file list; Upper Oak Canyon, 08-31-69, in rot hole in oak tree, near Boot Springs, 09-01-69, in rot hole in oak tree, near Juniper Flat, 09-01-69, all coll. by T.J.Zavortink (UCLA #602 to #614)
<i>Aedes muelleri</i> Dyar	no data, G.Lanzaro, BBNP file list; larvae, Upper Oak Canyon along trail to LaM, LaM, both coll. 08-31-69, TJZ (UCLA #603 and #607); larvae, CM, near Boot Springs, rot hole in oak tree, and below Juniper Flat, 09-01-69, TJZ (UCLA #610, 604, 607, 610, 611, 613), correspondence to Park
<i>Aedes sollicitans</i> (Walker)	Mavrick Ranger Station, June 28-30, 1972, J.K.Olson
<i>Aedes taeniorhynchus</i> (Wiedemann)	Mavrick Ranger Station, June 28-30, 1972, J.K.Olson
<i>Aedes thelcter</i> Dyar	Maverick Ranger Station, larvae, June 28-30, 1972, J.K.Olson; Gravel Pit Road, May 28-30, 1972, J.K.Olson; Rio Grande City, May 28-30, 1972, J.K.Olson,, correspondence to Park {vector of VEE}
<i>Aedes trivittatus</i> (Coquillett)	no data, G.Lanzaro, BBNP file list; Rio Grande City, May 28-30, 1972, light traps, J.K.Olson, correspondence to Park
<i>Aedes vexans</i> (Meigen)	Rio Grande City, May 28-30, 1972, J.K.Olson; Gravel Pit Road, Old San Vicente Road, New San Vicente Road, Solis, all coll. May 28-30, 1972, J.K.Olson, correspondence to Park, '72
<i>Anopheles judithae</i> Zavortink	no data, G.Lanzaro, BBNP file list; upper Oak Canyon along trail to Laguna Meadow, larvae, 08-31-69, in rot cavity in oak tree, J.T.Zavortink; trial to Boot Springs near Juniper Flat, 09-01-69, J.T.Zavortink (UCLA #603,612,613)
<i>Anopheles pseudopunctipennis</i> Theobald	no data, G.Lanzaro, BBNP file list; Rio Grande City, Gravel Pit Road, Old San Vicente Road, all coll. May 28-30, 1972, J.K.Olson
<i>Anopheles punctipennis</i> (Say)	Hot Springs, 1955; Minton (1955); vector for malaria.
<i>Culex</i> sp.	Det: <i>Culex</i> (Melanoconion) spp., no data, G.Lanzaro, BBNP file list; same det. by J.K.Olson, coll. at Solis, May 28-30, 1972
<i>Culex coronator</i> Dyar & Knab	no data, G.Lanzaro, BBNP file list; Hot Springs, June 28-30, 1972, J.K.Olson; Rio Grande City, Gravel Pit Road, May 28-30, 1972, J.K.Olson
<i>Culex erraticus</i> Dyar & Knab	Brewster Co., no specific locality, June-Nov. 1945 (Eads, et al, 1951)
<i>Culex peus</i> Speiser	[=C. <i>thriambus</i>] Bud Spr, Panther Junction; Mar (Bowles, 2000)
<i>Culex quinquefasciatus</i> Say	no data, G.Lanzaro, BBNP file list; Solis, May 28-30, 1972, J.K.Olson
<i>Culex restuans</i> Theobald	Melody Spr A-C, McKinney Springs + Punta de la Sierra, east, Reed Camp + Carlota Tinaja, Roy's Peak + Hambly Spr, Tule Mtn; Mar, Apr (Bowles, 2000)

<i>Culex salinarius</i> Coquillett	no data, G.Lanzaro, BBNP file list; Solis, May 28-30, 1972, J.K.Olson
<i>Culex stigmatosoma</i> Dyar	Brewster Co., June-Nov. 1945 (Eads, et al, 1951)
<i>Culex tarsalis</i> Coquillett	Rio Grand City, Gravel Pit Road, Solis, all coll. May 28-30, 1972, J.K.Olson
<i>Culiseta inornata</i> (Williston)	Brewster Co., June-Nov., 1945 (Eads et al, 1951)
<i>Orthopodomyia alba</i> Baker	South Rim Trail, from treeholes, 10/9/95, Wesson
<i>Orthopodomyia kummi</i> Edwards	upper Oak Canyon, Laguna Meadow, 08-31-69, near Boot Springs, near Juniper Flat, 09-01-69, all coll. by T.J.Zavortink
<i>Psorophora ciliata</i> (Fabricius)	no data, G.Lanzaro, BBNP file list; Old San Vicente Road, May 28-30, 1972, J.K.Olson
<i>Psorophora confinnis</i> (Lynch-Arribalzaga)	[?? <i>Aedes scapularis</i> Rondani] no data, G.Lanzaro (BBNP file list); Mavrick Ranger Station, larvae, June 28-30, 1972, J.K.Olson; Solis, May 28-30, 1972, J.K.Olson
<i>Psorophora cyaneescens</i> (Coquillett)	no data, G.Lanzaro (BBNP file list); Old San Vicente Road, May 28-30, 1972, J.K.Olson (VEE vector, 1971)
<i>Psorophora discolor</i> (Coquillett)	Rio Grande City, Old San Vicente Road, May 28-30, 1972, J.K.Olson ((VEE vector, 1971)
<i>Psorophora signipennis</i> (Coquillett)	Rio Grande City, Old San Vicente Road, May 28-30, 1972, J.K.Olson; Wild Duck Tinaja, Tule Mtn, Apr (Bowles, 2000)
<i>Uranotaenia anhydor</i> Dyar	[= <i>U. syntheta</i> Dyar & Shannon] Brewster Co., June-Nov., 1945 (Eads et al, 1951); Delahoramo Spr, Apr (Bowles, 2000)

SIMULIIDAE

<i>Simulium argus</i> Willston	many springs, Mar, Apr, May (Bowles, 2000)
<i>Simulium jacumbae</i> Dyar & Shannon	Alamo Spr, CA + Holly Spr, GnS + Butrill A-F; Mar, Apr, May (Bowles, 2000)
<i>Simulium robynae</i> Peterson	Grapevine Hills Spr A-D + Grapevine Spr + Grapevine Seep, lower + Panther Spr, upper + Panther Spr, lower; Apr (Bowles, 2000)
<i>Simulium virgatum</i> complex	Grapevine Hills Spr A-D + Grapevine Spr + Grapevine Seep, lower; Aug (Bowles, 2000)
Species 1	BBNP

CERATOPOGONIDAE

<i>Atrichopogon archboldi</i> Wirth	Park 8 km S. Marathon, 7/19/63, A. B. Gurney (Wirth, 1994)
<i>Ceratopogon</i> sp.	Terlingua Cr, CA; Apr (Bowles, 2000)
<i>Culicoides brookmani</i> Wirth	Glenn Springs, light, 04-07-56; Jones and Wirth (1958)
<i>Culicoides hieroglyphicus</i> Malloch	Glenn Springs, light, 04-07-56; Jones and Wirth (1958)
<i>Culicoides variipennis</i> Coquillett	Wirth and Jones (1957); (Heleidae)[= <i>C. variipennis sonorensis</i>]

CHIRONOMIDAE

<i>Ablabesmyia</i> sp.	Silver Spr., Emory Pk + Susan Tinaja & Grand Tinaja A&C, Mesa de Anguila, det. Stephanie Thomas; Apr, May (Bowles, 2000)
<i>Alotanypus</i> sp.	many springs, det. Stephanie Thomas; Mar Apr May (Bowles, 2000)
<i>Apedilum</i> sp.	several springs, Mar Apr (Bowles, 2000)
<i>Chironomus bifimbriatus</i> Kieffer	Kibbee, Spr., 08-25-37, RHB (RHB, 1938)

<i>Larsia</i> sp.	[spelled <i>Larisa</i>] Chimneys Vista Spr, CA; Apr (Bowles, 2000)
<i>Lauterbomiella</i> sp.	Pena Spr 1-2, CA + Dove Spr, Emory Pk + Kirtley Tinaja, Glenn Spr + Celaya Spr, Grapevine Hills + Burns Spr, Panther Junction; Apr (Bowles, 2000)
<i>Nanocladius</i> sp.	Cottonwood Spr + Cattail Spr; Apr, May (Bowles, 2000)
<i>Paramerina</i> sp.	several springs; Mar Apr (Bowles, 2000)
<i>Paratendipes</i> sp.	Claro Spr #1-3, & Double Spr, Emory Pk + Ester Spr A & B & Frog Spr, Glenn Spr; Mar Apr (Bowles, 2000)
<i>Pentaneura</i> sp.	Carrasco Spr, CA + Glenn Spr + Glenn Spr, lower + Melody Spr A-C, McKinney Springs + Goat Spr, Harte Ranch; Mar, Apr, May (Bowles, 2000)
<i>Polypedilum</i> sp.	Rough Spr A-B + Paintbrush Spr, Emory Pk + Melody Spr A-C, McKinney Springs + Hambly Spr, Tule Mtn; Mar Apr, May (Bowles, 2000)
<i>Procladius</i> sp.	Rocky East Spr & Rocky West Spr, Tule Mtn. + Estrecho Spr, Emory Pk; Apr, May (Bowles, 2000)
<i>Pseudochironomus</i> sp.	Tinaja D'Handzlick; May (Bowles, 2000)
<i>Rheotanytarsus</i> sp.	Window Spr + Tusk Spr + Holly Spr, Emory Pk + Dam Tinaja, Mesa de Anguila; Mar, Apr, May (Bowles, 2000)
<i>Stictochironomus</i> sp.	Piney Spr + Rough Spr A-B + Cattail Spr + Jobeck Spr, Glenn Springs + Dam Tinaja, Mesa de Anguila + Hambly Spr, Tule Mtn; Mar, Apr, May (Bowles, 2000)
<i>Tanypus</i> sp.	Double Windmills, Bone Spring + Well Spr, Tule Mtn; Apr (Bowles, 2000)
<i>Tanytarsus</i> sp.	Oak Spr + Oak Spr, upper + Boot Spr, lower + Boot Spr, upper; May (Bowles, 2000)
<i>Thienemanniella</i> sp.	Double Spr, Emory Pk; Apr (Bowles, 2000)
<i>Thienemanniella</i> sp. Group	Oak Spr + Oak Spr, upper; May (Bowles, 2000)
Species #1	Rough Spr A-B + San Jacinto Spr A-B, Emort Pk + Hambly Spr, Tule Mtn; Apr, May (Bowles, 2000)

TABANIDAE

<i>Apatolestes aitkeni</i> Philip	GG, 17 Apr. 1970, 5300'; 6.5 mi. SW Grapevine Hills Ranch, LL Pechuman Coll. (Goodwin & Dress, 1996)
<i>Apatolestes philipi</i> Pechuman	[HOLOTYPE] [ALLOTYPE] (CNCI) DW, 3000 ft. 13 May 1959, LC McAlpine; (Pechuman, 1985); SEC, 2100', 5 May, 1959, JC McAlpine; OS, 4000', 8 May 1959, Howard & Buhr; ; PJ, 3500-4000' 16 May, 1959, WRMM (Goodwin & Dress, 1996)
<i>Chrysops flavidus</i> Wiedemann	Rio Grande St. Park, 18 Apr, 1974, CC Porter & GHN (Goodwin & Dress, 1996)
<i>Chrysops pachycerus</i> Williston	[<i>hungerfordi</i> form] 20 mi. S Alpine at Tx 118, 4 Jul 1990, J. Adamson (Goodwin & Dress, 1996)
<i>Chrysops pachycerus</i> Williston	[<i>pachycerus</i> form] NR, BuS, 14-17 Jun 1991, RAW (Goodwin & Drees, 1996)
<i>Chrysops virgulatus</i> Bellardi	Marathon, 6 Aug 1980, L. Schneider (Goodwin & Dress, 1996)
<i>Esenbeckia incisuralis</i> (Say)	[= <i>Esenbeckia tinkhami</i> Philip] 6 mi. NW Boquillas, 20 Oct. 1946. ER Tinkham (Goodwin & Dress, 1996)
<i>Esenbeckia micheneri</i> Philip	South Rim, CM, 6700-7200', 08-16-68, JEH (TAM); GG, 5700', 08-04-68, JEH (TAM) and 08-14-68, VVB & JEH, det. CB Philip '69 (TAM); Lost Mine Trail, 4 Jul 1972, RL Berry (Goodwin & Dress, 1996)
<i>Silvius quadrivittatus</i> (Say)	[= <i>Chrysops</i>] 1 mi. W Lajitas, 23-30 Apr 1963, HE Evans (Goodwin & Dress, 1996)
<i>Tabanus atratus</i> Fabricius	Marathon, 25 Jul 1978, G. Wedin

<i>Tabanus dorsifer</i> Walker	OS, Feb 1975 (larvae), JT Goodwin; OS, 1189m, 1 Jun 1993, Gelhaus, Nelson & Koenig (Goodwin & Dress, 1996)
<i>Tabanus punctifer</i> Osten Sacken	BBNP, 11 Apr 1963 MG Naumener; GS, Feb 1975 (larvae) JT Goodwin; RM, BuS Lodge, 12 Jul 1991, R. Vogtsberger (Goodwin & Gress, 1996)
<i>Tabanus subsimilis</i> Bellardi	BBNP, 28-30 Jul 1956, EG Matthews; RGV, 13 Jun 1968, CR Ward & D Bennett; RGV, 12 Jun 1968, GCG; DW, 5 May 1972, J. Tucker (Goodwin & Dress, 1996)

STRATIOMYIDAE

<i>Borboridea microcephala</i> Kraft & Cook	[= <i>Zabrachia</i>] [HOLOTYPE] (SEMC) Marathon (Kraft & Cook, 1961)
<i>Caloparyphus</i> sp.	San Jacinto Spr A-B + Jest Spr, Glenn Springs + Muskhog Spr, McKinney Springs; Mar, May (Bowles, 2000)
<i>Euparyphus</i> sp.	Window Spr + Glenn Spr + Casita Spr, Reed Camp; Mar May (Bowles, 2000)
<i>Odontomyia</i> (<i>Catatasins</i>) sp.	Mano Spr; Apr (Bowles, 2000)
<i>Odontomyia</i> (<i>Odontomyia</i>) sp.	many springs; Mar, Apr, May (Bowles, 2000)
<i>Pachygaster characta</i> Kraft & Cook	[ALLOTYPE] (SEMC) HS, 07-10-38, RH Beamer [PARATYPES] (SEMC) 65 mi. S. Marathon, 07-10-38, RH Beamer & HS, 07-10-38, RH Beamer (Kraft & Cook, 1961)

THEREVIDAE

<i>Ammonaios niveus</i> (Krober)	Boquillas Canyon Trail, 11-12.III.1990, J. Welch & B. Kondratieff; Loer Tornillo Cr., 18.IV.1966, E.R. Jaycox; PJ, 1200 m., 16.V.1959, W.R.M. Mason; Oak Spr., 1370 m., 1.V.1959. J.F. McAlpine; Lajitas, 19.V.1959, Howden/Becker (Hauser & Irwin, 2003)
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SCENOPINIDAE

<i>Brevitrichia griseola</i> (Coquillett)	Lajitas, 1 mi. W., 04/23-30/63, HE Evans, from solitary wasp burrow (Kelsey, 1969)
<i>Brevitrichia scitulaesca</i> Kelsey	[HOLOTYPE] (NMNH) Lajitas, 1 mi. W., 04/23-30/63, HE Evans, in nest of digger wasp, <i>Glenostictia scitula</i> (Kelsey, 1969)

MYDIDAE

<i>Phyllomydas phyllocerus</i> Bigot	Oak Spring, 4500', 05-14-59, J.McAlpine, det: McAlpine '62
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ASILIDAE

<i>Asilus delicatulus</i> Hine	55-14, 07-29-37 [not date in MS] RHB, det: S.Bromley 37f, and 06-23-37 RHB (RHB, 1938)
<i>Asilus tenebriosus</i> Williston	80-2, Boot Spring, 06-23-37, RHB (RHB, 1938); 39-3, 06-23-37, RHB; det. S. Bromley 37
<i>Atomosia mucida</i> OstenSacken	141-1, Rock Hut on Cottonwood Creek, 06-11-37, RHB. Det: S.Bromley 37
<i>Atomosia punctifera</i> Herman	37-72, Boquillas, on willow (<i>Salix taxifolia</i>), 07-22-37, RHB. Det: S.Bromley 37 (RHB, 1938)
<i>Blepharepium secabilis</i> (Walker)	57-70, Boquillas on <i>Salix taxifolia</i> , 07-22-37, RHB. Det: S.Bromley 37
<i>Cophura</i> sp.	GG, 07-23-68, JEH, det. GS Forbes (TAM)
<i>Cophura pollinosa</i> Curran	[= <i>Buckiella wilcoxi</i> Prit.] 26-51, Lower Blue Creek on bloom of bear grass (<i>Nolina erumpens</i>), 06-28-37, RHB. Det: S.Bromley 37
<i>Efferia</i> sp. ?	[= <i>Erax</i>] Panther Junction, 3500', 05-16-59, J.McAlpine; Oak Spring, 4500', 05-19-59, J.McAlpine. Det: J.McAlpine
<i>Efferia anacapai</i> (Wilcox & Martin)	[= <i>Erax anomala</i> (Bellardi)] 15-4, small canyon on S. side of PB, 06-19-37, RHB. Det: S. Bromley 37; CM, July (Bromley, 1937)

<i>Efferia argyrosoma</i> (Hine)	[= <i>Erax argyrosoma</i>] 22-32, Solis Ranch, 06-23-37, RHB. Det: S.Bromley 37 + Kit Mtn. on mesquite, 07-29-37, RHB (RHB, 1938)
<i>Efferia bicolor</i> (Bellardi)	[= <i>Erax bicolor</i>] 10-1, 06-23-37 [date does not agree with MS], RHB, and Boquillas, 07-22-37 RHB (RHB, 1938); (31-3) at tank 2 mi. E. Lone Mtn., on mesquite (<i>Prosopis glandulosa</i>), 07-02-37, RHB, det. S. Bromley '37; Chisos Pen, 06-14-37, RHB
<i>Efferia candida</i> Coquillett	[= <i>Erax</i>] (22-34) Solis Ranch, 06-23-37, RHB. Det: S.Bromley 37 + Fresno Spr. on <i>Diospyros texanum</i> , 06-21-37, and at tank 2 mi. E. Lone Mtn. on <i>Prosopis glandulosa</i> , 07-02-37, RHB (RHB, 1938)
<i>Efferia interrupta</i> (Macquart)	[= <i>Erax</i>] 68-2, Boquillas, 08-04-37, RHB. Det: S.Bromley 37
<i>Efferia leucocoma</i> (Williston)	CA, ex honey mesquite, 07-92, AVP, det. C.Riley Nelson, '92
<i>Efferia pogonias</i> (Wiedemann)	[= <i>Erax barbatus</i>] 55-13, Kit Mtn. on <i>Prosopis glandulosa</i> , 07-29-37, RHB. Det: S. Bromley 37
<i>Efferia spiniventris</i> (Hine)	[= <i>Erax</i>] 13-28, Oak Cr., 06-19-37, RHB, det: S. Bromley 37
<i>Efferia texana</i> (Banks)	[= <i>Erax</i>] 25-73, LJS on Apache plume (<i>Fallugia paradoxa</i>), 06-23-37, RHB, Det: S. Bromley 37 + Kit Mtn. on mesquite, 07-23-37, and OC, 06-12-37, and Fresno Spr. on persimmon (<i>Diospyros texana</i>), 06-21-37, RHB (RHB, 1938)
<i>Erax</i> , nr. <i>singularis</i> Macquart	[?? <i>Efferia</i>] 25-72, LJS, 06-23-37, RHB. Det: S.Bromley 37 (RHB, 1938)
<i>Holopogon phaeonotus</i> Loew	50-90, South Rim on <i>Quercus chisosensis</i> , 07-08-37, RHB. Det: S.Bromley 37
<i>Leptogaster</i> sp. (s.l.)	CB, 08-03-63, MLA, det. CR Nelson '89 (TAM)
<i>Mallophora faultrix</i> Osten Sacken	[= <i>M. bromleyi</i> Curran] CA, ex honey mesquite, 07-92, AVP, det. C. Riley Nelson '92; 31-1, Boquillas on willow (<i>Salix taxifolia</i>), 07-02-37, RHB. Det: S.Bromley 37 + at tank 2 mi. E. Lone Mtn., 07-22-37, RHB (RHB, 1938)
<i>Mallophorina prudens</i> Pritchard	30-33, Pine Canyon on <i>Nolina erumpens</i> , 07-01-37, RHB. Det: [<i>Mallophorina</i>] S.Bromley 37
<i>Microstylus galactodes</i> Loew	68-3, Boquillas, 08-04-37, RHB. Det: S.Bromley 37 + Solis Ranch, 06-23-37 RHB (RHB,1938)
<i>Ommatius pretiosus</i> Banks	Lower Juniper Spring, 06-23-37, RHB (RHB, 1938)
<i>Polacantha</i> sp.	GG, 07-23,24-68, JEH, and 08-14-69, VVB & JEH (TAM)
<i>Polacantha compositus</i> (Hine)	[= <i>Asilus</i>] 73-3, 08-12-37 [no date in MS], RHB. Det: S.Bromley 37 + Oak Creek, 09-01-37, RHB (RHB, 1938)
<i>Polacantha sinuosa</i> Martin	GG, 08-14-69, VVB & JEH, det. GS Forbes (TAM)
<i>Proctacanthella leucopogon</i> (Williston)	22-38, Solis Ranch, 06-23-37, RHB. Det: S. Bromley 37
<i>Promachus albifacies</i> Williston	18-7, 06-18-37 [no date in MS], RHB. Det: S.Bromley 37 ; Laguna, 06-12-37, RHB (RHB,1938)
<i>Promachus giganteus</i> Hine	29-25, Boquillas, 07-22-37, RHB, det: S.Bromley 37 + Lower Blue Creek, 07-29-37, RHB (RHB, 1938)
<i>Promachus magnus</i> Bellardi	15-3, 06-19-37, RHB; det. S. Bromley 37 [Transitional Zone]
<i>Promachus painteri</i> Bromley	18-8, 06-18-37 [not date in MS], RHB, det: S. Bromley 37 + Laguna 06-12-37, and Pine Canyon, 07-11-37, RHB (RHB, 1938); 57-68, 07-22-37, RHB, det: S.Bromley 37
<i>Promachus sackeni</i> Hine	50-12, South Rim, 07-08-37, RHB, det: S. Bromley 37
<i>Promachus vertebratus</i> (Say)	Juniper Canyon, 08-06-68, JEH (TAM)
<i>Saropogon combustus</i> Loew	(5-1) 06-12-37 [date does not appear in MS], RHB, det.S.Bromley 37 + GG on persimmon (<i>Diospyros texanum</i>), 06-15-37, and Rough Run, 07-27-37, and Mail Box Tank, 06-11-37, and Solis Ranch, 06-23-37, all RHB (RHB, 1938) + CA, ex honey mesquite, 07-92, AVP,

det. C. Riley Nelson '92

<i>Stenopogon</i> sp.	9-pt. Draw, 3000', 05-04-59, J. McAlpine. Det: [<i>Scleropogon</i>], J. McAlpine 62. # specimens.
<i>Stenopogon aeacus</i> Wiedemann	[= <i>S. ventralis</i> Coquillett] 55-10, Kit Mtn., 07-29-37, RHB, orig. det. [<i>Ospricerus</i>] by S. Bromley 37
<i>Stenopogon longulus</i> Loew	22-37, Solis Ranch, 06-23-37, RHB. Det: S. Bromley 37+ Kit Mtn. on mesquite (<i>Prosopis glandulosa</i>), 07-29-37, RHB (RHB, 1938)
<i>Stenopogon minos</i> (O.S.)	55-8, Kit Mtn., 07-29-37, RHB, det: [<i>Ospricerus</i>] by S. Bromley 37
<i>Stenopogon tenebrosus</i> Coquillett	57-69, Boquillas, 07-22-37, RHB
<i>Stichopogon colei</i> Bromley	"Rio Grande, Brewster Co.", 05-09-27, OJ Martin (Bromley, 1934)

ACROCERIDAE

<i>Lasia</i> sp.	Visual by V. Bayless, trail to Boot Sprs., May 2005. Parasitized tarantulas.
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BOMBYLIIDAE

<i>Anthrax analis</i> Say	Poss. BBNP (Marston, 1970)
<i>Anthrax atriplex</i> Marston	Marathon, 20 mi. S., 04-12-49, Michener/Beamer (Marston, 1970)
<i>Anthrax cinalapa</i> Cole	Prob. BBNP (Marston, 1970)
<i>Anthrax irroratus</i> Say	22-44, Solis Ranch, 06-23-37, RHB, Det: Painter; CB, 06-13-37, RHB (RHB, 1938)
<i>Anthrax seriepunctatus</i> (Osten Sacken)	Glenn Sprs., 06-20-28, FM Gage (Marston, 1970); BBNP, 06-23-47, LD Beamer; BBNP, 07-30-56, EG Matthews (Marston, 1970)
<i>Exoprosopa</i> sp., nr. <i>brevistyla</i> Williston	Muskhog Spr., 06-11-37, and Blue Creek, 07-29-37, RHB (RHB, 1938)
<i>Exoprosopa agassizii</i> Loew	55-7, Kit Mtn., 07-29-37, RHB, det: Painter
<i>Exoprosopa pueblensis</i> Jaenicke	30-30, Pine Canyon on bear grass (<i>Nolina erumpens</i>), 07-01-37, RHB, det: Painter
<i>Geron</i> sp.	144, CB. 07-27-37, RHB. Det: Painter (RHB, 1938)
<i>Geron albaria</i> Painter	144, CB, on sweet brush (<i>Lippia ligustrina</i>), 07-27-37, RHB. Det: Painter (RHB, 1938)
<i>Geron grandis</i> Painter	144, CB, on <i>Lippia ligustrina</i> , 07-27-37, RHB. Det: Painter (RHB, 1938)
<i>Hemipenthes sinuosa</i> (Wiedemann)	[= <i>Villa sinuosa jaenickeana</i> Osten Sacken] 30-37, Pine Canyon, 07-01-37, RHB. Det: Painter, RHB (RHB, 1938)
<i>Phthiria</i> sp.	144, Oak Creek on <i>Lippia ligustrina</i> , 07-27-37, RHB, det: Painter (RHB, 1938)
<i>Poecilanthrax</i> sp. nr. <i>alcyon</i> (Say)	[= <i>P. halycon</i> Wied.] CB, 06-12-37, RHB (RHB, 1938)
<i>Poecilognathus punctipennis</i> Walker	[= <i>Phthiria</i>] 112-19, Oak Creek on blooms of maquey, <i>Agave [wizilizen]</i> , 08-03-37, RHB. Det: Painter
<i>Rhynchanthrax texana</i> (Painter)	[= <i>Villa</i>] 30-33, Pine Canyon on <i>Nolina erumpens</i> , 07-01-37, RHB. Det: Painter
<i>Toxophora virgata</i> Osten Sacken	61-30, Rough Run on <i>Lippia ligustrina</i> , 07-27-37, RHB; 10-11, Chisos Pen, 06-14-37, RHB, det: Painter (RHB, 1938)
<i>Villa</i> sp. (5 spp.)	Pine Canyon, 07-01-37. RHB (RHB, 1938); 30-28, Pine Canyon, 07-01-37, RHB; 22-43, 06-23-37 [no date in MS], RHB, Solis Ranch, 06-22-37, RHB (RHB, 1938); 31-5, at tank 2 mi. E. Lone Mtn., 07-02-37, RHB; 7-22, Oak Creek, 06-12-37, RHB; Oak Creek, from <i>Lippia ligustrina</i> , 07-27-37, RHB (RHB, 1938)

<i>Villa curta</i> (Loew)	[=?? <i>Hemipenthes</i>] 48-14, at tank 2 mi. E. Lone Mtn., 07-02-37, RHB. Det: Painter 38
<i>Villa lateralis</i> (Say)	64-7, 08-04-37 [not date in MS], RHB; 7-20, Oak Creek, 06-12-37, RHB; 30-31, Pine Canyon, 07-01-37, RHB. Det: Painter; and UCC, 08-03037, RHB (RHB, 1938)
<i>Xenox xylocopae</i> (Marston)	[=Anthrax] Lajitas, 09-06-60, JE Gillaspay (Marston, 1970)
EMPIDIDAE	
<i>Tachydromia schwarzii</i> Coquillett	GG, 5500', 6/72, AVP
DOLICHOPODIDAE	
<i>Argyra</i> sp.	South Rim, 6700-7200', 08-16-68, JEH (TAM)
LONCHAEIDAE	[Pipunculidae in part]
<i>Dasiops alveofrons</i> McAlpine	Oak Spring, 4500', 05-19-59, J.McAlpine; det: J.McAlpine 62.
SYRPHIDAE	
<i>Allograpta obliqua</i> (Say)	27-27, LBC, on <i>Nolina erumpens</i> , 06-29-37, RHB (RHB, 1938); PJ, 3500', 05-12-59, J.McAlpine, det: Vockeroth 62; PJ, 3500', 05-16-59, J.McAlpine; CB on <i>Acacia constricta</i> on maguey blooms, and <i>Lippia ligustrina</i> , 06-24-37. RHB (RHB, 1938)
<i>Ceriana ? zoapitus</i> Curran	7-49, 06-12-37, RHB; 4-14, Muskog Spr. on persimmon (<i>Diospyros texanum</i>), 06-11-37, RHB; 6-6, CB in <i>Chilopsis linearis</i> , 06-11-37, RHB. Identified [<i>Cerioides</i> sp., probably <i>capitis</i> Curran] identifier unknown
<i>Copestylum marginatum</i> (Say)	60-8, Oak Creek, on <i>Lippia ligustrina</i> , 07-27-37, RHB
<i>Copestylum mexicanus</i> Macquart	[?? <i>Volucella</i>] CA, ex honey mesquite, 7/92, AVP, F.C. Thompson '92
<i>Eupeodes volucris</i> Osten Sacken	GG, 5000', 05-02-59, RHB, det: Vockeroth 62
<i>Microdon baliopterus</i> Loew	Pine Canyon, 5400', 08-10-71; CB washes, 5600', 07-11-70, A.Van Pelt and S.Van Pelt, in nest of <i>Monomorium minimum</i> (Buckley) (Van Pelt, A.F. and S.A. Van Pelt, 1972)
<i>Nausigaster punctulata</i> Williston	30-5, Pine Canyon, 07-01-37, RHB (RHB, 1938)
<i>Polybiomyia capitis</i> (Curran)	BBNP, 6-7, 06-11-37, RHB (TAM)
<i>Syritta pipiens</i> (Linnaeus)	6-8, 06-11-37 [no date in MS], CB, 06-12-37 on flowering willow (<i>Chilopsis linearis</i>), RHB (RHB, 1938)
<i>Toxomerus ? polita</i> (Say)	[Identified as <i>Mesogramma polita</i> Say] identifier unknown. Boquillas, 07-23-37, RHB (RHB, 1938)
<i>Toxomerus marginata</i> (Say)	[=Mesogramma] 26-43, 06-28-37, RHB; 26-42, 06-28-37, RHB; 26-46, 06-28-37, RHB
<i>Toxomerus marginatus</i> (Say)	[identified as <i>Mesogramma marginatus</i> Say] identifier unknown; CB on <i>Acacia constricta</i> , 06-12-37, and Solis Ranch, 06-23-37, and Lower Blue Creek on <i>Nolina erumpens</i> , 06-28-37, all RHB (RHB, 1938)
<i>Toxomerus polita</i> (Say)	[=Mesogramma] Boquillas, 07-23-37, RHB (RHB, 1938)
<i>Volucella</i> sp.	BBNP, 7459, 07-02-37, RHB (TAM)
<i>Volucella</i> sp.	70-22, CB, 08-07-37, RHB + CB, 07-03-37 at light, and GG on <i>Diospyros texanum</i> , 06-15-37, and CB, on <i>Lippia ligustrina</i> , 06-14-37 & 07-27-37, and Emory Peak, 07-02-37, RHB (RHB, 1938)
<i>Volucella avida</i> OstenSacken	GG, 5000', 05-02-59, J.McAlpine, det: Vockeroth 62

<i>Volucella essuriens</i> Fabricius	25-76, LJS, 06-24-37, RHB; 6-8, CB, 06-11-37 & 07-27-37 on Lippia ligustrina, RHB (RHB, 1938)
<i>Volucella nigra</i> Greene	Panther Junction. 3500', 05-16-59, McAlpine, det: Vockeroth 62; GG, 5000', 05-26-59, McAlpine; 25-71, 06-24-37, RHB
CONOPIDAE	
<i>Conops</i> sp.	GG, 4700', 07-24-68, JEH (TAM)
OTITIDAE	
<i>Diacrita costalis</i> Gerstaecker	Chisos Mountains Basin, 6000', 05-11-59, on agave, lechuguilla, J.McAlpine, Det: McAlpine 62; CB, 6000', on agave, lechuguliia, 05-11-59, J.McAlpine
TEPHRITIDAE	
<i>Dioxya sororcula</i> Wiedemann	[= <i>D. picciola</i> Bigot] SEC, 03-20-68, DS Horning, Jr. (Novak, 1974)
<i>Neaspilota aenigma</i> Freidberg & Mathis	Panther Jct., 3500' (1050m), 05/07-16/59, F. McAlpine (Freidberg & Mathis, 1986)
<i>Neaspilota dolosa</i> Benjamin	Panther Jct., 05-07-59, JF McAlpine; Boquillas area, 05-07-59, JFMcA; Persimmon Gap, 05-02-59, LJ Bottimer (Freidberg & Mathis, 1986)
<i>Neaspilota isochela</i> Friedberg & Mathis	CB, 6000', 05/29-30/59, JF McAlpine; Persimmon Gap, 05-02-59, LJ Bottimer (Freidberg & Mathis, 1986)
<i>Tephritis baccharis</i> (Coquillett)	BBNP ex <i>Baccharis salicifolia</i> [= <i>B. glutinosa</i> and <i>B. viminea</i>] (Jenkins & Turner, 1989)
AGROMYZIDAE	
<i>Species 1</i>	BBNP
SPHAEROCERIDAE	
<i>Leptocera ferruginata</i> Stenhammar	[= <i>Caproica</i>] Basin corral, on horse dung, Nov.82, J. O'Hara.
<i>Norrbomia scripta</i> (Malloch)	3.5 mi. E Marathon, 26-ix-1979, dung trap, R. Woodruff & G. Fincher (Marshall, S.A. & A. L. Norrbom, Insecta Mundi 6: 151-187, 1992.)
DROSOPHILIDAE	
<i>Drosophila azteca</i> Sturtevant & Dobzhansky	[Lectotype, male] [PARALECTOTYPE, female] CM (Patterson, 1943); Oak Cr. (Patterson & Wheeler, 1942)
<i>Drosophila bifurca</i> Patterson & Wheeler	CM (Patterson, 1943)
<i>Drosophila cardini</i> Sturtevant	CM (Patterson, 1943)
<i>Drosophila hamatofila</i> Patterson & Wheeler	CM (Patterson, 1943)
<i>Drosophila longicornis</i> Patterson & Wheeler	CM (Patterson, 1943)
<i>Drosophila macoptera</i> Patterson & Wheeler	CM (Patterson, 1943)
<i>Drosophila meridiana</i> Patterson & Wheeler	CM (Patterson, 1943)
<i>Drosophila mulleri</i> Sturtevant	CM (Patterson, 1943)
<i>Drosophila nebulosa</i> Sturtevant	CM (Patterson, 1943)
<i>Drosophila nigrohydei</i> Patterson & Wheeler	CM (Patterson, 1943); Oak Cr. [TYPES] (Patterson and Wheeler, 1942)

<i>Drosophila orbospiracula</i> Patterson & Wheeler	Upper Oak Cr., 08-13-41 (Patterson, 1943)(Patterson & Wheeler, 1942)
<i>Drosophila pseudoobscura</i> Frolova	CM (Patterson, 1943)
<i>Drosophila ritae</i> Patterson & Wheeler	CM (Patterson, 1943)(Patterson & Wheeler, 1942)
<i>Gitona americana</i> Patterson	CM (Patterson, 1943)
EPHYDRIDAE	
<i>Athyroglossa laevis</i> (Cresson)	Glenn Spr., 4/3/92, J.F.MacDonald, det. R.S.Zack '93
<i>Discocerina</i> sp.	Glenn Spr., 4/3/92, J.F.MacDonald, det. R.S.Zack '93
<i>Ilythea caniceps</i> Cresson	Glenn Spr., 4/3/92, J.F.MacDonald, det. R.S.Zack '93
<i>Limnellia huachuca</i> Mathis	Dripping Spr., 4/5/92, J.F.MacDonald, det. R.S.Zack '93
<i>Lytogaster grvida</i> (Loew)	[ident. as <i>L. gravicula</i> Loew] Dripping Spr., 4/5/92, J.F.MacDonald, det. R.S.Zack '93
<i>Notiphila</i> sp.	Glenn Spr., 4/3/92, J.F.MacDonald, det. R.S.Zack '93
<i>Scatella</i> spp.	Dripping Spr., 4/5/92, J.F.MacDonald, det. R.S.Zack '93
<i>Scatella "stagnalis"</i> (Fallen)	McKinney Spr., 4/2/92, J.F.MacDonald, det. R.S.Zack '93
<i>Scatella paludum</i> (Meigen)	Glenn Spr., 4/3/92, J.F.MacDonald, det. R.S.Zack '93
<i>Scatella trisetata</i> Coquillett	McKinney Spr., 4/2/92, J.F.MacDonald, det. R.S.Zack '93 + Glenn Spr., 4/3/92, JFM, det. RSZ '93
<i>Typopsilopa atra</i> (Loew)	Glenn Spr., 4/3/92, J.F.MacDonald, det. R.S.Zack '93
CHLOROPIDAE	
<i>Biorbitella fronto-orbitalis</i> (Sabrosky)	JF MacDonald, det. C. Sabrosky '92
<i>Biorbitella hesperia</i> (Sabrosky)	JF MacDonald, det. C. Sabrosky '92
<i>Diploptaxa inclinata</i> Becker	JF MacDonald, det. C. Sabrosky '92
ANTHOMYIIDAE	
<i>Species #1</i>	Boot Canyon, 6500 ft., under rock, AVP, det. G. Steyskal in nest of <i>Monomorium minimum</i> (Buckley)
<i>Hylemya</i> spp.	CB, stables, Richerson (Richerson, 1986)
MUSCIDAE	
<i>Haematobia irritans</i> (Linnaeus)	25 km south Alpine, McKenzie & Richardson (McKenzie & Richardson, 1993)
<i>Lispe tentaculata</i> (DeGeer)	28-31, Panther Canyon, 06-29-37, RHB (RHB, 1938)
<i>Musca domestica</i> Linnaeus	9-64, CCC Camp in CB, 06-14-37, RHB (RHB, 1938); Nov 82, J.O'Hara; at tank 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938)
<i>Muscina</i> spp.	CB, stables, Richerson (Richerson, 1986)

<i>Schoenomyza chryostoma</i> Loew	22-127, Solis Ranch, 06-23-37, RHB; 22-24, 06-23-37, RHB
CALLIPHORIDAE	
<i>Calliphora</i> spp.	CB, stables, Richerson (Richerson, 1986)
<i>Cochliomyia hominivorax</i> Coquerel	[= <i>C. americana</i> Cushing & Patton] 7-24, 06-12-37, RHB; 6-2, CB, 06-11-37, RHB (RHB, 1938); crew-worm fly -- On desert mule deer, rare, on head (Krausman, 1976)
<i>Cochliomyia macellaria</i> (Fabricius)	26-35, CB and along river, 06-28-37, RHB (RHB, 1938); Nov 82, J.O'Hara (secondary screw worm)
<i>Lucilia</i> sp.	[no specimen] 26-38, 06-28-37 [no date in MS], Lower Blue Creek on bear grass (<i>Nolina erumpens</i>), 06-29-37, RHB (RHB, 1938)
<i>Lucilia</i> spp.	[= <i>Phaenicia</i> sp.][green-bottle fly] CB, stables, Richerson (Richerson, 1986)
<i>Phormia</i> spp.	[black blow-fly] CB, stables, Richerson (Richerson, 1986)
<i>Coenosia ovata</i> Stein	30-13, Pine Canyon, 07-01-37, RHB; orig.det. [Neodexiopsis]; 26-63, Lower Blue Creek, 06-28-37, RHB; 31-19, at tank near Lone Mtn., 07-02-37, RHB; 31-21, 07-02-37, RHB
<i>Neomyia cornicina</i> (Fabricius)	[= <i>Orthellia caesarion</i> Meigen]] 7-31, CB on <i>Acacia constricta</i> , 06-12-37, RHB (RHB, 1938)
OESTRIDAE	
<i>Cephenemyia</i> sp.	Deer nose bot -- on Carmen white-tailed deer and desert mule deer (Krausman, 1976)
FANNIIDAE	
<i>Fannia</i> spp.	CB, stables, Richerson (Richerson, 1986)
SARCOPHAGIDAE	
<i>Blaesoxipha aculeata</i> Aldrich	[= <i>Sarcophaga</i>] 7-36, CB, 06-12-37, RHB (RHB, 1938)
<i>Blaesoxipha hetaera</i> (Reinhard)	[= <i>Sarcophaga</i>] HS, 04-11-49, Michner/Beamer (Reinhard, 1952)
<i>Blaesoxipha kellyi</i> (Aldrich)	[= <i>Sarcophaga</i>] 31-8, at tank near Lone Mtn., 07-02-37, RHB (RHB, 1938)
<i>Blaesoxipha opifera</i> Coquillett	[= <i>Sarcophaga</i>] female, 22-42, Solis Ranch, 06-23-37, RHB (RHB, 1938)
<i>Blaesoxipha plinthopyga</i> Wiedmann	[= <i>Sarcophaga</i>] Muskhog Spr., 06-11-37, RHB (RHB, 1938)
<i>Cattasoma festinans</i> Reinhard	Marathon, 07-09-38, Jean Russell (Reinhard, 1947)
<i>Cattasoma mediocris</i> Reinhard	BBNP, 07-01-37, RHB (Reinhard, 1947)
<i>Eumacronychia</i> sp.	7-35, CB, H.Baker; 52-1, Ash Spr., 07-14-37, RHB (RHB, 1938)
<i>Helicobia rapax</i> Walker	[= <i>Sarcophaga</i>] 144, Oak Creek on <i>Lippia ligustrina</i> , 07-27-37, RHB (RHB, 1938)
<i>Ravinia</i> sp.	South Rim Trail, 7200', 08-16-68, JEH (TAM)
<i>Ravinia errabunda</i> Wulp	[= <i>Sarcophaga</i>] 31-9, at tank 2 mi. E. Lone Mtn., 07-02-37, RHB (RHB, 1938)
<i>Ravinia stimulans</i> (Walker)	[= <i>Sarcophaga latisetosa</i> Parker] Tank at Lone Mtn., 07-02-37, RHB (RHB, 1938)
<i>Rhexoza</i> sp., nr. <i>dampfi</i> Duda	[orig. det <i>Ravinia</i> , nr. <i>dampfi</i>] CB corral, Nov. 82, J. O'Hara

<i>Sarcophaga</i> sp.	82-87, Panther Spring, 06-29-37, RHB; 6-4, CB, 06-11-37, RHB; 11-19, Lower Cattail Canyon, 06-19-37, RHB (RHB, 1938)
<i>Sarcophaga africa</i> (Wiedemann)	[= <i>Sarcophaga haemorrhoidalis</i> (Fallen)] [= <i>S. cruentata</i> Meigen] CB, stables, JV Richerson (Richerson, 1986)
<i>Sarcophaga</i> , <i>prob. arizonica</i> Townsend	CB, corral area, 11-82, O'Hara, JE
<i>Senotainia trilineata</i> (Wulp)	22-121, Solis Ranch, 06-23-37, RHB (RHB, 1938)
TACHINIDAE	
<i>Archytas lateralis</i> Macquart	25-74, LJS, 06-24-37, RHB (RHB, 1938)
<i>Archytas</i> sp. <i>prob. apicifer</i> (Walker)	Ex honey mesquite, 07-92, AVP
<i>Belvosia bifasciata</i> (Fabricius)	SEC, 2100', 05-05-59, McAlpine, det: McAlpine 62
<i>Clausicella</i> sp.	[= <i>Siphophyto</i>] 26-68, 06-28-37, RHB
<i>Deopalpus parksii</i> (Reinhard)	[= <i>Cuphocera</i>] Marathon, 04-13-22, CS Rude (Reinhard, 1934)
<i>Distichona</i> sp.	[orig. det. <i>Viviana</i> sp.] 81-1, CB, 06-09-37, RHB (RHB, 1938)
<i>Distichona georgiae</i> (Brauer & Bergenstamm)	[orig. det. <i>Viviana georgiae</i>] 135-1, CB, 07-29-37, RHB (RHB, 1938)
<i>Gonia sequax</i> Williston	7-19, CB, 06-12-37, RHB [<i>Gonia</i> sp. in MS] (RHB, 1938)
<i>Leucostoma</i> sp.	South Rim on <i>Quercus chisosensis</i> , 07-08-37, RHB (RHB, 1938)
<i>Macromyia crocata</i> Reinhard	[HOLOTYPE AND ALLOTYPE] (NMNH) BBNP, 07/01 & 08/37, RHB (Reinhard, 1968)
<i>Macromyia pyrrhaspis</i> Wiedemann	[= <i>Tropidopsis</i>][only species in genus is <i>crocata</i> Reinhard] 30-2, Pine Canyon under ledges, 07-01-37, RHB ; 30-2, 07-01-37, RHB , (RHB, 1938)
<i>Melanophrys insolita</i> (Walker)	[= <i>Leschenaultia jurinoides</i> Townsend] 15-6, S. side of PB, 06-14-37 [06-19-38 in MS], RHB (RHB, 1938)
<i>Microphthalma disjuncta</i> Wiedemann	42-8, Oak Creek on <i>Lippia ligustrina</i> , 07-11-37, RHB , and Casa Grande, CB, 06-13-37 & 06-24-37, RHB (RHB, 1938)
<i>Myatelemus trossulus</i> Reinhard	[= <i>Telemus</i>][ALLOTYPE] (NMNH) CM, 04-29-59, Howden/Becker; [PARATYPE] BBNP, 5000', 05-02-59, JF McAlpine (Reinhard, 1967)
<i>Nemorilla floralis</i> (Fallen)	144, Oak Creek, 07-27-37, RHB (RHB, 1938)
<i>Pardejeania rutiloides</i> Jaenicke	[= <i>P. rutiloides nigrescens</i> Arnaud] 64-5, UCC on persimmon tree (<i>Diospyros texanum</i>), 08-03-37, RHB . (RHB, 1938); South Rim, CM, 08-15-69, VVB & JEH (TAM)
<i>Prosenia curvirostris</i> Bigot	[orig. det. <i>Prosenoides</i>] 144, Oak Creek, 07-27-37, RHB (RHB, 1938)
<i>Prosenoides assimilis</i> Reinhard	Marathon, 04-23-22, CS Rude (Reinhard, 1954)
<i>Ptilodexia agilis</i> Reinhard	South Rim, CM, 6700-7200', 08-16-68, JEH, det. D Wilder '76 (TAM)
<i>Spallanzania hesperidarum</i> (Williston)	Ex honey mesquite, 07-92, AVP
<i>Trichopoda pennipes</i> (Fabricius)	7-18, CB on <i>Lippia ligustrina</i> , 06-12-37 & 07-27-37, RHB , and 60-29, 07-02-37 [date not in MS], RHB , RHB (RHB, 1938)
<i>Uramya limacodis</i> Townsend	[= <i>Pseudeuantha coquilletti</i> Aldrich] 30-11, Pine Canyon, 07-01-37, RHB (RHB, 1938)
<i>Vibrissina</i> sp.	[= <i>Spathimeigenia</i>] 144, Oak Creek on <i>lippia ligustrina</i> , 07-27-37, RHB (RHB, 1938)

<i>Zaira</i> sp.	[=Sitophaga] GG, 5700', 08-14-68, JEH (TAM)
NYCTERIBIIDAE	
<i>Basilia antrozoi</i> (Townsend)	On <i>Antrozous pallidus</i> , pallid bat + on <i>Lasiurus cinereus</i> , hoary bat (Whitaker & Easterla, 1975)
<i>Basilia corynorhini</i> (Ferris)	On <i>Leptonycteris nivalis</i> , Mexican long-tongued bat + on <i>Plecotus townsendii</i> , western big-eared bat (Whitaker & Easterla, 1975)
<i>Basilia forcipata</i> (Ferris)	On <i>Myotis thysanodes</i> + <i>Myotis volans</i> + <i>Eptesicus fuscus</i> (Whitaker & Easterla, 1975)
<i>Basilia rondanii</i> Guimaraes & d'Andretta	On <i>Myotis yumanensis</i> , Yuma myotis + on <i>Pipistrellus hesperus</i> , western pipistrelle + on <i>Euderma maculatum</i> , spotted bat + on <i>Antrozous pallidus</i> , pallid bat + on <i>Myotis volans</i> , fringed myotis (Whitaker & Easterla, 1975)
STREBLIDAE	
<i>Nycterophila mormoopsis</i> Wenzel	On <i>Mormoops megalophylla</i> , leaf-chinned bat (Whitaker & Easterla, 1975. Described as <i>N. mormoopsis</i> by Wenzel (W&E, 1987)
<i>Trichobius corynorhini</i> Cockerell	On <i>Myotis volans</i> , long-legged myotis + on <i>Plecotus townsendii</i> (Whitaker & Easterla, 1975) (Ritzi, et al, 2001)
<i>Trichobius leionotus</i> Wenzel	BBNP, On <i>Mormoops megalophylla</i> , leaf-chinned bat (Whitaker & Easterla, 1975); BBNP, 21-23 May 1998 (Ritzi, et al, 2001)
<i>Trichobius major</i> Coquillett	On <i>Myotis velifer</i> , cave myotis (Whitaker & Easterla, 1975)
<i>Trichobius sphaeronotus</i> Jobling	On <i>Leptonycteris nivalis</i> , Mexican long-tongued bat (Whitaker & Easterla, 1975)
SIPHONAPTERA	
PULICIDAE	
	[Hectopsyllidae]
<i>Echidnophaga gallinacea</i> (Westwood)	(Minton, S.A., 1955)
<i>Rhynchopsyllus pulex</i> Haller	On <i>Eumops perotis</i> , western mastiff bat (Whitaker & Easterla, 1975)
	[Hystrihopsyllidae]
CTENOPHTHALMIDA	
E	
<i>Meringis agilis</i> Eads	[HOLOTYPE, male] (NMNH) Brewster Co., 2-20-58, ex <i>Perognathus merriami</i> , RD Porter [PARATYPES] (NMNH) Brewster Co., 2-25-58, ex <i>P. nelsoni</i> , RD Porter + Brewster Co., 2-20-59, ex <i>P. penicillatus</i> , RD Porter + Brewster Co., 2-9-59, ex <i>P. merriami</i> , RD Porter (pocket mice) (Eads, 1960)
<i>Meringis vitabilis</i> Eads	[HOLOTYPE] (NMNH) BBNP, from <i>Dipodomys merriami</i> (kangaroo rat)), 2-24-58, RD Porter; [ALLOTYPE] (NMNH) ex <i>D. merriami</i> , Brewster Co. 2-19-58, RD Porter; [PARATYPES] (NMNH) ex <i>D. merriami</i> 3/55, S. Minton + ex <i>D. merriami</i> , 2-19-58,, RD Porter + ex <i>D. merriami</i> , 2-24-48, RD Porter + ex <i>D. merriami</i> , 2-26-58, RD Porter + ex <i>D. merriami</i> , 1-28-58, RD Porter (kangaroo rat) (Eads, 1960)
ISCHNOPSALLIDAE	
<i>Hormopsylla trux</i> Jordan	On <i>Tadarida macrotis</i> , big free-tailed bat + on <i>Eumops perotis</i> , western mastiff bat (Whitaker & Easterla, 1975)
<i>Myodopsylla collinsi</i> Kohls	On <i>Myotis yumanensis</i> , yuma myotis + on <i>Myotis velifer</i> (Whitaker & Easterla, 1975)
<i>Myodopsylla gentilis</i> Jordan & Rothschild	On <i>Mormoops megalophylla</i> , leaf-chinned bat + on <i>Leptonycteris nivalis</i> , Mexican long-tongued bat + on <i>Myotis yumanensis</i> , yuma myotis + on <i>M. velifer</i> + on <i>Antrozous pallidus</i> + on <i>Tadarida brasiliensis</i> + on <i>T. macrotis</i> (Whitaker & Easterla, 1975); on <i>Leptonycteris nivalis</i> , Mexican long-tongued bat + on <i>Tadarida brasiliensis</i> (Whitaker & Easterla, 1975)
<i>Sternopsylla texana</i> Fox	On <i>Leptonycteris nivalis</i> , Mexican long-tongued bat + on <i>Tadarida brasiliensis</i> (Whitaker & Easterla, 1975)

CERATOPHYLLIDAE

<i>Nosopsyllus fasciatus</i> (Bosc)	(Minton, S.A., 1955)
<i>Thrassis bacchi pansus</i> (Jordan)	Poss. BBNP, on <i>Citellus</i> (Stark, 1970)
<i>Thrassis fatus</i> (Jordan)	Poss. BBNP, on <i>Citellus</i> (Stark, 1970)

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